

January 20, 2023

American Paradigm Schools 8101 Castor Avenue Philadelphia, PA 19152 Attn: Ms. Jessica Bowers

#### Re: AHERA Re-Inspection Services First Philadelphia Preparatory Charter School 4300 Tacony Street Philadelphia, PA VERTEX Project No: 83459

Dear Ms. Bowers:

The Vertex Companies, LLC (VERTEX) is pleased to provide this Letter Report for professional services associated with conducting an Asbestos Hazard Emergency Response Act (AHERA) Re-Inspection for the First Philadelphia Preparatory Charter School located at 4300 Tacony Street in Philadelphia, Pennsylvania ("the site").

For the purpose of performing the re-inspection and assessment, VERTEX utilized the 2020 Asbestos Inspection Report performed by VERTEX. American Paradigm Schools own the site. The re-inspection and assessment incorporated no additional bulk sampling. According to building representatives, no significant renovations have occurred since 2020.

VERTEX's onsite services were performed on December 9, 2022 by William Otten, US EPA AHERA Certified Asbestos Building Inspector, Commonwealth of Pennsylvania Licensed Building Inspector (043432) and City of Philadelphia Asbestos Investigator (AIC-0524).

Findings of the AHERA Re-Inspection regarding Asbestos Containing Building Materials (ACBMs) can be found in the attached documents:

• Asbestos Inspection Report (April 22, 2020)

#### Conclusion:

The 2023 Assessment services identified similar conditions as in 2020, which concluded that no ACBMs were identified within the site structures.

#### **Limitations**

Professional opinions presented in this report are based on information made available either by review of data provided by others or data gained by inspection personnel. VERTEX affirms that data gathered and presented in this report was collected in an appropriate manner in accordance with generally accepted methods and practices. Conditions described in this report were observed at the time of the investigation, unless otherwise stated. No exploratory demolition was performed.

VERTEX appreciates the opportunity to be of service. If you have any questions regarding this report, please do not hesitate to contact me.

Sincerely,

The Vertex Companies, LLC

William Otten Senior Project Manager







First Philadelphia Preparatory Charter School 4300 Tacony Street Philadelphia, Pennsylvania

# **Asbestos Inspection Report**

APRIL 22, 2020

#### **PREPARED FOR:**

American Paradigm Schools 8101 Castor Avenue Philadelphia, Pennsylvania

Attn: Ms. Katie Santilli

#### **PREPARED BY:**

The Vertex Companies, Inc. 700 Turner Industrial Way, Suite 105 Aston, Pennsylvania 19014 **PHONE** 610.558.8902

VERTEX Project No: 61444

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#### I. INTRODUCTION

The Vertex Companies, Inc. (VERTEX) was retained by American Paradigm Schools to perform an asbestos facility inspection within the First Philadelphia Preparatory Charter School located at 4300 Tacony Street in Philadelphia, Pennsylvania.

This inspection was conducted to confirm/dismiss the presence, locations and quantities of Asbestos Containing Materials (ACM) or Presumed Asbestos Containing Materials (PACM).

This survey was performed on April 3, 2020 by William Otten, a US EPA AHERA Certified Asbestos Building Inspector/Commonwealth of Pennsylvania Licensed Asbestos Building Inspector (#043432)/City of Philadelphia Certified Asbestos Investigator (#AIC-0524).

Based on review of readily available aerial photographs, the western portion of Building A was constructed between 1965 and 1970, and the central portion of Building A was constructed between 1990 and 1995. According to the school website, First Philadelphia Preparatory Charter School opened a new, state-of-the-art facility at 4300 Tacony Street in August of 2004. In 2009, the building was renovated to include more classrooms, a 700-seat theater space with a mezzanine level and a full stage with orchestra pit and a custom sound and lighting system (eastern portion of Building A). In February of 2015, an additional building (Building B) was added to the main campus. On April 3, 2020, VERTEX was provided a letter from the architect (j2a Architects) that confirmed that no asbestos containing products were used during the construction of the Arts and Science Building (eastern portion of Building A) and Building B.

Bulk samples were submitted to and analyzed by EMSL Analytical, Inc. of Cinnaminson, New Jersey in accordance with United States Environmental Protection Agency (USEPA) Method 600/R-93/116 protocol utilizing Polarized Light Microscopy (PLM). EMSL is accredited through the National Voluntary Laboratory Accreditation Program (NVLAP #101048-0).

Note: Polarized Light Microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound (NOB) materials. Fiber size (both length & diameter) of NOBs is frequently very small limiting fiber detection by PLM optics. Fibers are also tightly bound in the matrix of NOBs obscuring their detection. The Commonwealth of Pennsylvania does not require confirmatory TEM analysis of NOB samples with negative or "inconclusive" asbestos content by PLM. TEM analysis was not authorized by the client and was not included in the scope of services for this project.

#### II. RESULTS

Results indicate that the following asbestos containing materials were identified:

• No ACMs were identified.



#### RESTRICTIONS

- No inspection/sampling was performed within enclosed walls/ceilings.
- No inspection/sampling was performed inside mechanical equipment.
- No inspection/sampling was performed below finished grade or within confined spaces.
- No inspection/sampling was performed on exterior materials.
- Limited inspection/sampling was performed on floor tiles due to the multitude of colors in the hallways.
- No inspection/sampling was performed within Building B based on the age of the structure (2014) and the letter from the architect on record.

A more detailed presentation of the results is found in the attached tables.

#### III. SAMPLING METHODOLOGY

Bulk samples were collected and analyzed in order to determine the identity of suspect materials and their composition. The purpose of the survey was to identify all accessible ACMs.

Bulk samples were grouped into homogenous sampling areas. A homogenous sampling area contains suspect asbestos materials that are uniform in texture, appearance, time of installation, and is unlikely to consist of more than one type or formulation of material. Per AHERA protocol, if any sample within the homogenous sampling area has greater than 1% by weight, then the entire sampling area is assumed to containing asbestos.

Bulk samples were collected from both friable and non-friable suspect asbestos containing materials. Representative core samples of each material were collected by penetrating the material to its substrate. Each sample and sample location was incorporated into a sampling log and chain of custody for each sample was documented. All samples were placed in sealed containers and labeled with an identifying code.

Bulk samples were submitted to and analyzed by EMSL Analytical, Inc. of Cinnaminson, New Jersey in accordance with United States Environmental Protection Agency (USEPA) Method 600/R-93/116 protocol utilizing Polarized Light Microscopy (PLM). PLM is the reference method of analysis to demonstrate that presumed asbestos containing materials do not contain asbestos per OSHA's Construction Standard (29 CFR 1926.1101) and EPA's Asbestos Hazard Emergency Response Act (40 CFR 763, Subpart E). The detection limit of the PLM referenced method is one percent (1%) asbestos. EMSL is accredited through the National Voluntary Laboratory Accreditation Program (NVLAP #101048-0).



Polarized Light Microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound (NOB) materials. Fiber size (both length & diameter) of NOBs is frequently very small limiting fiber detection by PLM optics. Fibers are also tightly bound in the matrix of NOBs obscuring their detection. The Commonwealth of Pennsylvania does not require confirmatory TEM analysis of NOB samples with negative or "inconclusive" asbestos content by PLM. TEM analysis was not authorized by the client and was not included in the scope of services for this project.

### IV. LIMITATIONS AND SERVICE CONSTRAINTS

Professional opinions presented in this report are based on information made available either by review of data provided by others or data gained by inspection personnel.

VERTEX affirms that data gathered and presented in this report was collected in an appropriate manner in accordance with generally accepted methods and practices. Conditions described in this report were observed at the time of the investigation, unless otherwise stated.

Exploratory demolition was performed in limited locations, to the extent feasible. Please see specific restrictions above.

Reasonable effort was made by inspection personnel to locate and sample suspect materials within the designated areas inspected. However, for any facility, the existence of unique or concealed ACMs and debris is a possibility. VERTEX does not warrant, guarantee or profess to have the ability to locate or identify all ACMs in a facility.

The intent of this report is to be used in planning for potential renovation activity. If ACMs are discovered during renovation related activities, these materials should be removed and disposed of in accordance with all local, state and federal regulations prior to any demolition-related activities. Abatement of ACM must be performed by an accredited/certified/licensed asbestos-abatement contractor.

VERTEX analyzed only the substances, conditions, and locations described in the report at the time indicated. VERTEX retains the right to revise this report if new information is later discovered or made available.

The report must be presented in its entirety.



#### V. CONCLUSIONS AND RECOMMENDATIONS

A summary table is provided in the attachments which include the samples collected, locations and analytical results. The laboratory reports are also attached.

Based on the sampling and analysis of suspect materials along with letter from the architect on record, no ACMs were identified within the structures. AHERA identifies ACM as any material containing greater than 1% asbestos.

Under § 763.99 Exclusions, the AHERA regulation denotes that "A local education agency shall not be required to perform an inspection under §763.85(a) in any sampling area as defined in 40 CFR 763.103 or homogeneous area of a school building where: ... (7) An architect or project engineer responsible for the construction of a new school building built after October 12, 1988, or an accredited inspector signs a statement that no ACBM was specified as a building material in any construction document for the building, or, to the best of his or her knowledge, no ACBM was used as a building material in the building."

If additional suspect materials are discovered during future renovation activities, VERTEX recommends collecting/analyzing samples of the materials for asbestos content prior to disturbance.



**Asbestos Containing Materials Table** 



# The Vertex Companies, Inc.

#### ASBESTOS CONTAING MATERIALS TABLE

CLIENT: SITE:	American Paradigm Schools First Philadelphia Preparatory Ch Building A 4300 Tacony Street Philadelphia, Pennsylvania	narter School						
VERTEX PROJECT #: DATE:	61444 4/3/20							
Location	Material Description	Estimated Quantity	Friable (Y/N)	Conditions (G/F/P)	Debris (Y/N)	Sample #:	A.	Lab Result ACBM (Y/N)
	No ACMs were identified.							

# Sample Locations and Results Table



# The Vertex Companies, Inc.

#### SAMPLE LOCATIONS AND RESULTS TABLE

American Paradigm Schools
First Philadelphia Preparatory Charter School
Building A
4300 Tacony Street
Philadelphia, Pennsylvania

61444

4/3/20

VERTEX PROJECT #: DATE:

Location	Material Description	Estimated Quantity	Friable (Y/N)	Conditions (G/F/P)	Debris (Y/N)	Sample #: A·	Lab Result ACBM
		Quantity	(1/14)		(1/14)		(Y/N)
Throughout	Drywall/joint compound	>100,000 SF	N	G	Ν	1A,1B,1C,1D,1E	Ν
Throughout	2'x4' ceiling tile	60,000 SF	Y	G	N	2A,2B,2C,2D,2E,2F	Ν
Hallways	12" blue floor tile w/mastic	5,000 SF	N	G	Ν	3A,3MA,3B,3MB	N
Throughout	Floor leveler	60,000 SF	N	G	Ν	4A,4B,4C,4D	N
Throughout	12" white floor tile w/mastic	40,000 SF	N	G	Ν	5A,5MA,5B,5MB,5C,5MC	N
Throughout	Mastic a/w vinyl cove base	20,000 LF	N	G	Ν	6A,6B	N
Rooms 142 & 146	Sink undercoating	20 SF	N	G	Ν	7A,7B	N
Theatre and various locations	12" purple floor tile w/mastic	6,500 SF	N	G	Ν	8A,8MA,8B,8MB	N
Various locations	12" red floor tile w/mastic	2,000 SF	N	G	Ν	9A,9MA,9B	N
Various locations	12" green floor tile	2,000 SF	N	G	Ν	10A	N
Room 504	Lab top	500 SF	N	G	Ν	11A,11B	N
Various locations	12" black floor tile	1,000 SF	N	G	N	12A,12B	N
Hallways	Ceramic wall tile	5,000 SF	N	G	Ν	13A,13B	Ν
Various locations	12" lime green floor tile	1,000 SF	N	G	N	14A	Ν

# **Bulk Sample Analysis Results**



EMSL Order: 042008689 **EMSL** Analytical, Inc. Customer ID: VRTX78 200 Route 130 North Cinnaminson, NJ 08077 EMSL **Customer PO:** Tel/Fax: (800) 220-3675 / (856) 786-5974 Project ID: http://www.EMSL.com / cinnasblab@EMSL.com Attention: William Otten **Phone:** (610) 558-8902 The Vertex Companies, Inc. Fax: (610) 558-8904 700 Turner Way, Suite 105 Received Date: 04/03/2020 12:25 PM Aston, PA 19014 Analysis Date: 04/07/2020 Collected Date: 04/03/2020 Project: 61444 - First Phila Prep

#### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Asbestos		
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре
1-1A-Composite	Room 121 - Drywall and Joint Compound	Brown/White Fibrous	15% Cellulose 5% Glass	80% Non-fibrous (Other)	None Detected
042008689-0001		Heterogeneous	HA: 1		
A-2A	Room 121 - 2' x 4' Ceiling Tile	White Fibrous	50% Cellulose 30% Min. Wool	20% Non-fibrous (Other)	None Detected
042008689-0002		Homogeneous	HA: 2		
A-3A-Floor Tile	Hall by Mech Room - 12" Blue Floor Tile	Blue Non-Fibrous		100% Non-fibrous (Other)	None Detected
042008689-0003		Homogeneous	HA: 3		
A-3AM-Mastic	Hall by Mech Room - Mastic	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
042008689-0003A		Homogeneous	HA: 3M		
A-4A	Mech Room - Floor Leveler	Gray Non-Fibrous		100% Non-fibrous (Other)	None Detected
042008689-0004		Homogeneous	HA: 4		
A-5A-Floor Tile	12" White Floor Tile	White Non-Fibrous		100% Non-fibrous (Other)	None Detected
042008689-0005		Homogeneous	HA: 5		
A-5AM-Mastic	Mastic	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
042008689-0005A		Homogeneous	HA: 5M		
A-4B-Floor Leveler	Floor Leveler	Gray Non-Fibrous		100% Non-fibrous (Other)	None Detected
042008689-0005B		Homogeneous	HA: 4		
A-6A	Mastic a/w Vinyl Cove Base	Tan Non-Fibrous		100% Non-fibrous (Other)	None Detected
042008689-0006		Homogeneous	HA: 6		
A-7A	Room 145 - Sink Undercoating	White Non-Fibrous	15% Cellulose	85% Non-fibrous (Other)	None Detected
042008689-0007	y	Homogeneous	HA: 7		
A-5B-Floor Tile	12" White Floor Tile	White Non-Fibrous		100% Non-fibrous (Other)	None Detected
042008689-0008		Homogeneous	HA: 5		
A-5BM-Mastic	Mastic	Yellow Non Fibrous		100% Non-fibrous (Other)	None Detected
042008689-0008A		Non-Fibrous Homogeneous			
			HA: 5M		



EMSL Order: 042008689 Customer ID: VRTX78 Customer PO:

Project ID:

#### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

		Non-Asbes	Asbestos	
Description Floor Leveler	Appearance Gray Non-Fibrous Homogeneous	% Fibrous	% Non-Fibrous	<b>% Type</b> None Detected
			100% Non-fibrous (Other)	
		HA: 4		
JC by 150 - Mastic a/w Vinyl Cove Base	Tan Non-Fibrous		100% Non-fibrous (Other)	None Detected
	Homogeneous	HA: 6		
JC by 150 - Drywall	Brown/White	15% Cellulose	80% Non-fibrous (Other)	None Detected
and Joint Compound	Heterogeneous	5% Glass		
Room 142 - Sink Undercoating	White Non-Fibrous	15% Cellulose	85% Non-fibrous (Other)	None Detected
Chuchocaling	Homogeneous	HA: 7		
Egress Hall by Room 137 - 2' x 4' Ceiling	White Fibrous	50% Cellulose 30% Min. Wool	20% Non-fibrous (Other)	None Detected
Tile	Homogeneous	HA: 2		
12" Blue Floor Tile	Blue Non-Fibrous		100% Non-fibrous (Other)	None Detected
	Homogeneous	HA: 3		
Mastic	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
	Homogeneous	HA: 3M		
Floor Leveler	Gray Non-Fibrous		100% Non-fibrous (Other)	None Detected
	Homogeneous	HA: 4		
Room 202 - Drywall and Joint Compound	Brown/White Fibrous	15% Cellulose 5% Glass	80% Non-fibrous (Other)	None Detected
•	Heterogeneous	HA: 1		
Room 202 - 2' x 4' Ceiling Tile	White Fibrous	50% Cellulose 30% Min_Wool	20% Non-fibrous (Other)	None Detected
	Homogeneous	HA: 2		
Room 202 - 12" White Floor Tile	White Non-Fibrous		100% Non-fibrous (Other)	None Detected
	Homogeneous	HA: 5		
Room 202 - Mastic	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
	Homogeneous	HA: 5M		
Room 300 Theater - Drvwall and Joint	Brown/White Fibrous	15% Cellulose	80% Non-fibrous (Other)	None Detected
Compound	Heterogeneous	HA: 1		
12" Purple Floor Tile	Purple Non-Fibrous		100% Non-fibrous (Other)	None Detected
· · · ·	Floor Leveler     JC by 150 - Mastic     a/w Vinyl Cove Base     JC by 150 - Drywall     and Joint Compound     Room 142 - Sink     Undercoating     Egress Hall by Room     137 - 2' x 4' Ceiling     Tile     12" Blue Floor Tile     Mastic     Floor Leveler     Room 202 - Drywall     and Joint Compound     Room 202 - Drywall     and Joint Compound     Room 202 - 2' x 4'     Ceiling Tile     Room 202 - 12" White     Floor Tile     Room 202 - 12" White     Floor Tile     Room 202 - Mastic     Room 300 Theater -     Drywall and Joint	Floor LevelerGray Non-Fibrous HomogeneousJC by 150 - Mastic a/w Vinyl Cove BaseTan Non-Fibrous HomogeneousJC by 150 - Drywall and Joint CompoundBrown/White Fibrous HeterogeneousRoom 142 - Sink UndercoatingWhite Non-Fibrous HomogeneousRoom 142 - Sink UndercoatingWhite Non-Fibrous Homogeneous12" Blue Floor TileBlue Non-Fibrous Homogeneous12" Blue Floor TileBlue Non-Fibrous HomogeneousMasticYellow Non-Fibrous HomogeneousFloor LevelerGray Non-Fibrous HomogeneousRoom 202 - Drywall and Joint CompoundBrown/White Fibrous HomogeneousRoom 202 - 12" White Floor TileBrown/White Fibrous HomogeneousRoom 202 - 12" White Floor TileWhite Non-Fibrous HomogeneousRoom 202 - 12" White Floor TileWhite Non-Fibrous HomogeneousRoom 202 - 12" White Floor TileWhite Storus HomogeneousRoom 202 - 12" White Florus HomogeneousWhite Fibrous HomogeneousRoom 202 - 12" White Floor TileWhite Fibrous HomogeneousRoom 202 - 12" White Florus HomogeneousStorus HomogeneousRoom 202 - 12" White Florus HomogeneousStorus HomogeneousRoom 202 - 12" White Florus HomogeneousStorus HomogeneousRoom 202 - 12" White Florus HomogeneousStorus HomogeneousRoom 300 Theater - Drywall and JointBrown/White Fibrous Homogeneous	Description Appearance % Fibrous   Floor Leveler Gray Non-Fibrous Homogeneous HA: 4   JC by 150 - Mastic a/w Vinyl Cove Base Tan Non-Fibrous Homogeneous HA: 6   JC by 150 - Drywall and Joint Compound Brown/White Fibrous Heterogeneous 15% Cellulose 5% Glass   More Table Compound White Fibrous Homogeneous 15% Cellulose 15% Cellulose   Non-Fibrous Homogeneous 50% Cellulose 137 - 2' x 4' Ceiling Tile 50% Cellulose Fibrous Homogeneous   12" Blue Floor Tile Blue Non-Fibrous Homogeneous 50% Cellulose 14A: 3   Mastic Yellow Non-Fibrous Homogeneous HA: 3   Floor Leveler Gray Non-Fibrous Homogeneous 15% Cellulose 5% Glass   Floor Leveler Gray Non-Fibrous Homogeneous HA: 3   Room 202 - Drywall and Joint Compound Brown/White Fibrous Heterogeneous 15% Cellulose 5% Glass   Ha: 1 Som 202 - 2' x 4' Ceiling Tile Brown/White Fibrous Homogeneous 15% Cellulose 5% Glass   Room 202 - 12" White Floor Tile White Non-Fibrous Homogeneous 50% Cellulose 30% Min. Wool Homogeneous   HA: 2 White Floor Tile Som 202 - 12" White Floor Tile 50% Cellulose 30% Min. Wool Homogeneous   Homogeneous Homogeneous HA: 3 15% Cellulose 30% Min. Wool Homogeneous   Homogeneous Homogeneous HA: 3	Floor Leveler     Gray Non-Fibrous Homogeneous     100% Non-fibrous (Other)       JC by 150 - Mastic alw Vinyl Cove Base     Tan Non-Fibrous     100% Non-fibrous (Other)       JC by 150 - Drywall and Joint Compound     Brown/White Fibrous     15% Cellulose 5% Glass     80% Non-fibrous (Other)       Room 142 - Sink Undercoating     White Non-Fibrous     15% Cellulose 80% Non-fibrous (Other)     85% Non-fibrous (Other)       I37 - 2' x 4' Celling Tile     White Non-Fibrous Homogeneous     50% Cellulose 30% Min. Wool     20% Non-fibrous (Other)       12' Blue Floor Tile     Blue Non-Fibrous Homogeneous     100% Non-fibrous (Other)     100% Non-fibrous (Other)       Mastic     Yellow Non-Fibrous Homogeneous     100% Non-fibrous (Other)     100% Non-fibrous (Other)       Floor Leveler     Gray Non-Fibrous Homogeneous     100% Non-fibrous (Other)     100% Non-fibrous (Other)       Homogeneous     HA: 4     100% Non-fibrous (Other)     100% Non-fibrous (Other)       Floor Leveler     Gray Non-Fibrous Homogeneous     100% Non-fibrous (Other)     100% Non-fibrous (Other)       Room 202 - Drywall and Joint Compound Homogeneous     HA: 4     100% Non-fibrous (Other)     100% Non-fibrous (Other)       Hore Fibrous Homogeneous     100% Non-fibrous (Other)     <



#### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample			Non-Asbes	Non-Asbestos		
	Description	Appearance Yellow Non-Fibrous Homogeneous	% Fibrous	% Non-Fibrous	% Type None Detected	
A-8AM-Mastic	Mastic			100% Non-fibrous (Other)		
A-2D	Room 311 - 2' x 4'	White	HA: 8M 50% Cellulose	20% Non-fibrous (Other)	None Detected	
042008689-0019	Ceiling Tile	Fibrous Homogeneous	30% Min. Wool			
A-9A-Floor Tile	Room 311 - 12" Red	Red	HA: 2	100% Non-fibrous (Other)	None Detected	
042008689-0020	Floor Tile	Non-Fibrous Homogeneous			None Deteolog	
		5	HA: 9			
A-9AM-Mastic	Room 311 - Mastic	Black Non-Fibrous		100% Non-fibrous (Other)	None Detected	
042008689-0020A		Homogeneous	HA: 9M			
A-8B-Floor Tile	Room 406 - 12" Purple Floor Tile	Purple Non-Fibrous		100% Non-fibrous (Other)	None Detected	
042008689-0021	·	Homogeneous	HA: 8			
A-8BM-Mastic	Room 406 - Mastic	Black Non-Fibrous		100% Non-fibrous (Other)	None Detected	
042008689-0021A		Homogeneous	HA: 8M			
4-2E	Room 408 - 2' x 4' Ceiling Tile	White Fibrous	50% Cellulose 30% Min. Wool	20% Non-fibrous (Other)	None Detected	
042008689-0022		Homogeneous	HA: 2			
A-10A	Room 509 - 12" green Floor Tile	Green Non-Fibrous		100% Non-fibrous (Other)	None Detected	
042008689-0023		Homogeneous	HA: 10			
A-1E-Composite	Room 507 - Drywall and Joint Compound	Gray/White Fibrous	15% Cellulose 5% Glass	80% Non-fibrous (Other)	None Detected	
042008689-0024		Heterogeneous	HA: 1			
A-2F	Room 507 - 2' x 4' Ceiling Tile	White Fibrous	50% Cellulose 30% Min. Wool	20% Non-fibrous (Other)	None Detected	
042008689-0025		Homogeneous	HA: 2			
A-11A	Room 504 - Lab Top	Black Non-Fibrous		100% Non-fibrous (Other)	None Detected	
042008689-0026		Homogeneous	HA: 11			
A-11B	Room 504 - Lab Top	Black Non-Fibrous		100% Non-fibrous (Other)	None Detected	
042008689-0027		Homogeneous	HA: 11			
A-12A	Room 504 - 12" Black Floor Tile	Black Non-Fibrous		100% Non-fibrous (Other)	None Detected	
042008689-0028		Homogeneous	HA: 12			
A-13A	Ceramic Wall Tile	White/Blue Non-Fibrous		100% Non-fibrous (Other)	None Detected	
042008689-0029		Homogeneous	HA: 13			
			10.10			



#### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-A	sbestos	Asbestos	
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре	
A-13B	Ceramic Wall Tile	White/Blue Non-Fibrous		100% Non-fibrous (Other)	None Detected	
042008689-0030		Homogeneous	HA: 13			
A-12B	12" Black Floor Tile	Black Non-Fibrous		100% Non-fibrous (Other)	None Detected	
042008689-0031		Homogeneous				
			HA: 12			
A-9B	12" Red Floor Tile	Red Non-Fibrous		100% Non-fibrous (Other)	None Detected	
042008689-0032		Homogeneous				
		0	HA: 9			
A-14A	12" Lime Green Floor Tile	Green Non-Fibrous		100% Non-fibrous (Other)	None Detected	
042008689-0033		Homogeneous				
			HA: 14			

Analyst(s)

Ebony Miller (16) Keishla Vazquez Caraballo (28)

Samantha Rumat

Samantha Rundstrom, Laboratory Manager or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

Initial report from: 04/07/2020 18:32:20

# Aerial Photographs (1965,1970, 1990, and 1995)



Aerial Photographs of the Delaware Valley, 1965

Aerial Photo A35 **B37** 

RELATED IMAGES/PLATES: Later Year: <u>A35 B37</u> (1995) Later Year: <u>A35 B37</u> (1990) Later Year: A35 B37 (1985) (1965) Later Year: <u>A35 B37</u> (1980) Later Year: <u>A35 B37</u> (1975) Later Year: <u>A35 B37</u> (1970) WORK TITLE: Aerial Photographs of the Delaware Valley, 1965 CREATOR: Delaware Valley Regional Planning

Commission

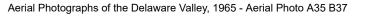
DATE: 1965

SOURCE: <u>Delaware Valley</u> <u>Regional Planning</u> <u>Commission</u>

GEOGRAPHY (THIS WORK): Bucks County, PA Pennsylvania Philadelphia, PA New Jersey Delaware County, PA Montgomery County, PA

PA Burlington County, NJ Camden County, NJ Gloucester County, NJ

IMAGE FILE(S): DVRPC1965. PhilaMetroAerials. 0483.A35\_B37



North: A35 B38



South: <u>A35 B36</u>

Greater Philadelphia GeoHistory Network / www.PhilaGeoHistory.org Materials are made available thanks to the generosity of the Athenaeum of Philadelphia and its partners. Permission is required to duplicate or publish material on this site.

Aerial Photographs of the Delaware Valley, 1970

Aerial Photo A35 **B37** 

RELATED IMAGES/PLATES: Later Year: <u>A35 B37</u> (1995) Later Year: A35 B37 (1990) Later Year: A35 B37 (1985) (1965) Later Year: <u>A35 B37</u> (1980) Later Year: <u>A35 B37</u> (1975) Earlier Year: <u>A35 B37</u> (1965) WORK TITLE: Aerial Photographs of the Delaware Valley, 1970 CREATOR: Delaware Valley Regional Planning

Commission

DATE: 1970

SOURCE: <u>Delaware Valley</u> <u>Regional Planning</u> <u>Commission</u>

GEOGRAPHY (THIS WORK): Bucks County, PA Pennsylvania Philadelphia, PA New Jersey Delaware County, PA Montgomery County, PA Burlington County, NJ Camden County, NJ Gloucester County, NJ

IMAGE FILE(S): DVRPC1970. PhilaMetroAerials. 0758.A35\_B37

Aerial Photographs of the Delaware Valley, 1970 - Aerial Photo A35 B37

North: A35 B38



South: <u>A35 B36</u>

Greater Philadelphia GeoHistory Network / www.PhilaGeoHistory.org Materials are made available thanks to the generosity of the Athenaeum of Philadelphia and its partners. Permission is required to duplicate or publish material on this site. Aerial

of the Delaware Valley, 1990

Aerial Photo A35

RELATED IMAGES/PLATES: Later Year: <u>A35 B37</u> (1995) Earlier Year: <u>A35 B37</u>

Earlier Year: A35 B37

(1975) Earlier Year: <u>A35 B37</u> (1975) Earlier Year: <u>A35 B37</u> (1970) Earlier Year: <u>A35 B37</u>

WORK TITLE: Aerial Photographs of the Delaware Valley,

**B37** 

(1985)

(1980)

(1965)

1990

Photographs

Aerial Photographs of the Delaware Valley, 1990 - Aerial Photo A35 B37

North: A35 B38

West: ASH BST

South: A35 B36

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CREATOR: Delaware Valley Regional Planning Commission

DATE: 1990

SOURCE: <u>Delaware Valley</u> <u>Regional Planning</u> <u>Commission</u>

GEOGRAPHY (THIS WORK): Bucks County, PA

Bucks County, PA Pennsylvania Philadelphia, PA New Jersey Delaware County, PA Montgomery County, PA Burlington County, NJ Gloucester County, NJ

IMAGE FILE(S): DVRPC1990. PhilaMetroAerials. 0757.A35\_B37



1/1

Aerial Photographs of the Delaware Valley, 1995

Aerial Photo A35 **B37** 

RELATED IMAGES/PLATES: Earlier Year: <u>A35 B37</u> (1990) Earlier Year: <u>A35 B37</u> (1985) Earlier Year: A35 B37 (1980) Earlier Year: <u>A35 B37</u> (1975) Earlier Year: <u>A35 B37</u> (1970) Earlier Year: <u>A35 B37</u> (1965) WORK TITLE: Aerial Photographs of the Delaware Valley, 1995 CREATOR: Delaware Valley Regional Planning

Commission

DATE: 1995

SOURCE: <u>Delaware Valley</u> <u>Regional Planning</u> <u>Commission</u>

GEOGRAPHY (THIS WORK): Bucks County, PA Pennsylvania Philadelphia, PA New Jersey Delaware County, PA Montgomery County, PA PA Burlington County, NJ Camden County, NJ Gloucester County, NJ

IMAGE FILE(S): DVRPC1995. PhilaMetroAerials. 0759.A35\_B37

Aerial Photographs of the Delaware Valley, 1995 - Aerial Photo A35 B37

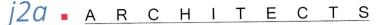
North: A35 B38



South: A35 B36

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13 Farm Ave Wilmington, DE 19810

Date: 4.3.2020 City of Philadelphia, Dept of L & I

### Re: First Philadelphia Arts and Science Building and Building B Asbestos Report

As the architect of record, Joseph Jancuska R.A., j2a Architects, license number RA015494B. Our responsibilities included producing full design, bidding and construction documentation. We participated in the construction phase of the project, reviewing all shop drawings and were responsible for confirming that the project was constructed per our plans and specifications. Per our plans and specifications, review of all products to be used in the construction, and inspection of the duration of the construction, this letter is to confirm that no asbestos containing products where used.

Feel free to contract me if you have any further questions.

Regards. ALLININIULINI Joe Jancuska RA 13 Farm Ave ANCUSKA Wilmington, DE 19810 302 373 6345

j2aarchitects@comcast.net