



# ***ASBESTOS- CONTAINING MATERIALS SURVEY***



***Field  
Services***

**At:**

**Building 1  
Department of Veterans Affairs  
Michael Crescenz VA Medical Center  
3900 Woodland Avenue  
Philadelphia, PA 19104**

**For:**

**Mr. Andrew Hine, CSP, ASP, OHST  
Michael Crescenz VA Medical Center  
Building 15, Room 13  
3900 Woodland Avenue  
Philadelphia, PA 19104**



***Lab  
Services***

**Prepared By:**

**Ms. Melissa Billingsley  
Project Manager**

**Report Date:**

**August 1, 2022**

**Project Number:**

**212842**

**Dates of Project:**

**January-February 2022**



***Training  
Services***

## **TABLE OF CONTENTS**

### ***Section Number***

- 1.0** Narratives
- 2.0** Laboratory Results
  - 2.1** Polarized Light Microscopy (PLM)
  - 2.2** Transmission Electron Microscopy (TEM)
- 3.0** Asbestos Inventory
- 4.0** Suspect Materials Testing Negative for Asbestos Content
- 5.0** Sampling Methodology
- 6.0** Certifications
- 7.0** Sample Location Diagrams
- 8.0** Photographs

## **1.0 NARRATIVES**

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### **1.1 Purpose:**

Criterion Laboratories, Inc. (Criterion) was contracted by the Department of Veterans Affairs to perform an asbestos survey of Building 1 at the Corporal Michael J. Crescenz VA Medical Center located at 3900 Woodland Avenue in Philadelphia, PA on January-February 2022.

The purpose of the survey was to identify and document asbestos-containing materials (ACM) within the building. The EPA's National Emission Standard for Hazardous Air Pollutants (NESHAP) regulation requires that buildings scheduled for renovations/demolition have an inspection identifying asbestos materials. OSHA's Construction Standard for Asbestos (29 CFR 1926.1101) requires that building materials installed prior to 1981 be inspected for asbestos or they must be classified as presumed asbestos-containing materials (PACM).

### **1.2 Personnel:**

Mr. Craig Gratz of Criterion performed the building inspection. Mr. Gratz is a Pennsylvania-licensed asbestos inspector and City of Philadelphia Asbestos Investigator.

### **1.3 Discussion and Survey Results:**

A total of six hundred fifteen (615) samples were collected from throughout the building and analyzed by Polarized Light Microscopy (PLM). PLM classifies a material as asbestos-containing if it contains greater than one percent (>1%) asbestos.

Asbestos (>1%) was identified in various materials throughout Building 1. Specific quantities and locations of asbestos-containing materials can be found in Section 3.0 of this report.

Transmission Electron Microscopy (TEM) analysis is recommended to supplement PLM results under the following circumstances:

Non-friable organically bound (NOB) materials (i.e., floor tiles, mastics, roofing materials and caulking) not found to contain asbestos by PLM analysis, should be analyzed by the TEM method in order to be classified as a non asbestos-containing material.

A total of six (6) NOB samples/layers were sent to be analyzed by TEM via EPA/600/R-93/116.

Asbestos (>1%) was identified in the following samples/layers by TEM analysis:

- Black Tar w/ Grey Interior (Tunnel from Power Plant to Main Building)



Certificates of analysis for PLM and TEM can be found in Sections 2.1 and 2.2, respectively.

Please refer to Section 3.0, Asbestos Inventory, for specific quantities and locations of all asbestos-containing materials identified.

Those materials that were observed, sampled, submitted for analysis and found not to be asbestos-containing materials are identified in Section 4.0 of this report.

#### **1.4 Disclaimer:**

Information contained herein was obtained by means of onsite observations, a detailed materials survey, and analytical data. Conclusions will be based upon the data obtained. This is not to imply that the data gathered is all the information that exists which may be pertinent to the site.

Any areas inaccessible to the survey team due to reasons beyond the control of Criterion (i.e., hard barriers such as walls or ceilings, hidden pipe chases, secured spaces, etc.) will not be included in this survey.

Roofs above all buildings in Criterion's Scope of Work will be sampled at the same time and report/results will be sent under separate cover.

#### **1.5 Conclusions and Recommendations:**

Asbestos was detected in various materials throughout the building. Non-friable materials such as floor coverings and mastics are generally in good condition. These materials should be removed by a Philadelphia-licensed asbestos abatement contractor if they are to be impacted by any renovation or demolition activity.

Damaged pipe insulation was observed in several locations throughout the building. These damaged materials should be repaired or removed by an asbestos abatement contractor.

Asbestos contamination was found in the soil throughout the crawl spaces in Building 1. Criterion recommends that access to the crawlspaces be limited to trained personnel, and signage be installed warning of the asbestos danger until the crawl spaces can be cleaned by an asbestos abatement contractor.

Section 2.0, Laboratory Results, contains certificates of analyses for all bulk samples collected and analyzed. Section 3.0, Asbestos Inventory, lists specific locations and quantities of asbestos-containing materials identified.

Section 6.0, Certifications, lists asbestos accreditations for all Criterion employees who worked on this project.

The sample location diagrams and photographs can be found in Sections 7.0 And 8.0, respectively.

This report is intended to strictly comply with EPA, OSHA and State of Pennsylvania regulations governing asbestos. This report should be referenced prior to disturbing any materials that may contain asbestos.

Criterion appreciates the opportunity to provide you with an asbestos-containing materials survey. Should you have any questions, please do not hesitate to call me at (215) 244-1300, extension 1032.



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Melissa Billingsley  
Project Manager

## **2.0 LABORATORY RESULTS**

## **2.1 POLARIZED LIGHT MICROSCOPY (PLM)**



# Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>1/25/2022</u>
Project #	<u>212842</u>		<u>Building 1- Basement, 2nd, and 3rd Floor</u>	Sample Received Date	<u>2/14/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin Mitchell, Lauren</u>	Sample Analysis Date(s)	<u>3/10/2022</u> <u>3/7/2022</u> <u>3/8/2022</u> <u>3/9/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-01</b> Green 9x9 FT w/ Black Mastic Basement- B-9 Mechanical Room	Green Tile	1	None Detected	100%	Chrysotile	<1%
<b>212842-02-002-11-01</b> Green 9x9 FT w/ Black Mastic Basement- B-9 Mechanical Room	Black Mastic	2	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-02</b> Plaster Material Basement- B-9 Mechanical Room	Gray Plaster	1	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-11-02</b> Plaster Material Basement- B-9 Mechanical Room	White Plaster	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-03</b> Sprinkler Pipe Thread Sealant Basement- B-9 Mechanical Room	Tan Sealant	1	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-11-04</b> Black Vibration Cloth Basement- B-9 Mechanical Room	Black Vibration Cloth	1	Cellulose - 40% Fiber Glass - 50%	10%	None Detected	---
<b>212842-02-002-11-05</b> Large Diameter Fittings A/W Fiberglass Pipe Insulation Basement- B-2 Storage Area	Gray Insulation	1	Fiber Glass - 35%	65%	None Detected	---
<b>212842-02-002-11-06</b> Large Diameter Fittings A/W Fiberglass Pipe Insulation Basement- B-2 Storage Area	Gray Insulation	1	Fiber Glass - 35%	65%	None Detected	---



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Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-07</b> White Pipe Wrap A/W Large Diameter Pipe Insulation Basement- B-2 Storage Area	White Insulation	1	Cellulose - 75%	25%	None Detected	---
<b>212842-02-002-11-08</b> White Pipe Wrap A/W Large Diameter Pipe Insulation Basement- B-2 Storage Area	White Pipe Wrap	1	Cellulose - 75%	25%	None Detected	---
<b>212842-02-002-11-08</b> White Pipe Wrap A/W Large Diameter Pipe Insulation Basement- B-2 Storage Area	Yellow Insulation	2	Fiber Glass - 85%	15%	None Detected	---
<b>212842-02-002-11-09</b> Fittings A/W Fiberglass Pipe Insulation Basement- B-2 Storage Area	Gray Insulation	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-10</b> Drywall/Joint Compound Basement- B031 Plumbing Shop Area	Gray Drywall <sup>1</sup>	1	Cellulose - 3% Fiber Glass - 2%	95%	None Detected	---
<b>212842-02-002-11-11</b> Tan Spray-on Fireproofing Basement- B031 Plumbing Shop Area	Tan Fireproofing	1	Cellulose - 15% Fiber Glass - 5%	80%	None Detected	---
<b>212842-02-002-11-12</b> Tan Spray-on Fireproofing Basement- B031 Plumbing Shop Area	Tan Fireproofing	1	Cellulose - 30% Fiber Glass - 5%	65%	None Detected	---
<b>212842-02-002-11-13</b> Drywall/Joint Compound Basement- B028 A/C Shop	Gray Drywall	1	Cellulose - 3% Fiber Glass - 2%	95%	None Detected	---



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Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-13</b> Drywall/Joint Compound Basement- B028 A/C Shop	White Joint Compound	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-14</b> White 2x4 Ceiling Tile Basement- B027a Office	White Ceiling Tile	1	Cellulose - 35% Fiber Glass - 10%	55%	None Detected	---
<b>212842-02-002-11-15</b> White/Blue 12x12 FT w/ Black Mastic Basement- B027a Office	White Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-15</b> White/Blue 12x12 FT w/ Black Mastic Basement- B027a Office	Black Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-16</b> Block Pipe Insulation Basement- B037 (in wall)	White Pipe Insulation	1	None Detected	55%	Chrysotile Amosite	20% 25%
<b>212842-02-002-11-17</b> Cork Pipe Insulation w/ Black Tar Basement- B035a Carpenter Shop Storage	Brown Cork Insulation	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-17</b> Cork Pipe Insulation w/ Black Tar Basement- B035a Carpenter Shop Storage	Black Tar	2	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-11-18</b> Cork Pipe Insulation w/ Black Tar Basement- B035a Carpenter Shop Storage	Brown Cork Insulation	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-18</b> Cork Pipe Insulation w/ Black Tar Basement- B035a Carpenter Shop Storage	Black Tar	2	Cellulose - 1%	99%	None Detected	---



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Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-19</b> Cork Pipe Insulation w/ Black Tar Basement- Hallway at B032	Brown Cork Insulation	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-11-19</b> Cork Pipe Insulation w/ Black Tar Basement- Hallway at B032	Black Tar	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-20</b> Tan 12x12 FT w/ Yellow Mastic Basement- A15 Biomed	Tan Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-20</b> Tan 12x12 FT w/ Yellow Mastic Basement- A15 Biomed	Yellow Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-21</b> Plaster Material Basement- A-5 Mechanical Room	Gray Plaster	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-21</b> Plaster Material Basement- A-5 Mechanical Room	White Plaster	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-22</b> Plaster Material Basement- A-5 Mechanical Room	Gray Plaster	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-22</b> Plaster Material Basement- A-5 Mechanical Room	White Plaster	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-23</b> Gray 12x12 FT w/ Black Mastic Basement- Room A-4a	Gray Tile	1	Cellulose - 3%	97%	None Detected	---





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Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-23</b> Gray 12x12 FT w/ Black Mastic Basement- Room A-4a	Black Mastic	2	Cellulose - 4%	94%	Chrysotile	2%
<b>212842-02-002-11-24</b> Gray 12x12 FT w/ Black Mastic Basement- Room A-4a	Gray Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-24</b> Gray 12x12 FT w/ Black Mastic Basement- Room A-4a	Black Mastic	2	None Detected	98%	Chrysotile	2%
<b>212842-02-002-11-25</b> Tan w/Streaks 12x12 FT w/ Black Mastic Basement- Room A-7	Tan Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-25</b> Tan w/Streaks 12x12 FT w/ Black Mastic Basement- Room A-7	Black Mastic	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-11-26</b> Tan w/Streaks 12x12 FT w/ Black Mastic Basement- Room A-7	Tan Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-26</b> Tan w/Streaks 12x12 FT w/ Black Mastic Basement- Room A-7	Black Mastic	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-11-27</b> Plaster Material Basement- Room A-7	Gray Plaster	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-27</b> Plaster Material Basement- Room A-7	White Plaster	2	Cellulose - 4%	96%	None Detected	---



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Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-28</b> Light Brown/Red 12x12 FT w/ Black Mastic Basement- Hallway outside A-8e	Brown Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-28</b> Light Brown/Red 12x12 FT w/ Black Mastic Basement- Hallway outside A-8e	Black Mastic	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-11-29</b> Light Brown/Red 12x12 FT w/ Black Mastic Basement- Hallway outside A-8e	Red Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-29</b> Light Brown/Red 12x12 FT w/ Black Mastic Basement- Hallway outside A-8e	Black Mastic	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-11-30</b> Tan w/Streaks 12x12 FT w/ Black Mastic Basement- A-28b/c Linen Rooms	Tan Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-30</b> Tan w/Streaks 12x12 FT w/ Black Mastic Basement- A-28b/c Linen Rooms	Black Mastic	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-31</b> Fittings A/W Fiberglass Pipe Insulation Basement- A-28b/c Linen Rooms	Gray Insulation	1	Fiber Glass - 15% Cellulose - 3%	82%	None Detected	---
<b>212842-02-002-11-32</b> Black Tar Condensate Wrap Basement- A-28 Foyer	Black Tar Wrap	1	Cellulose - 10%	90%	None Detected	---
<b>212842-02-002-11-33</b> Fittings A/W Fiberglass Pipe Insulation Basement- A-28 Foyer	Gray Insulation	1	Cellulose - 3% Fiber Glass - 15%	82%	None Detected	---



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Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-34</b> Tan 12x12 FT w/ Yellow Mastic Basement- A-28 Foyer	Tan Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-34</b> Tan 12x12 FT w/ Yellow Mastic Basement- A-28 Foyer	Yellow Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-35</b> Light Brown/Red 12x12 FT w/ Black Mastic (2nd Layer) Basement- A-28 Foyer	Tan Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-35</b> Light Brown/Red 12x12 FT w/ Black Mastic (2nd Layer) Basement- A-28 Foyer	Black Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-36</b> Fittings A/W Fiberglass Pipe Insulation Basement- A-28 Mechanical Room	Gray Insulation	1	Fiber Glass - 20%	80%	None Detected	---
<b>212842-02-002-11-37</b> Black Mastic Basement- A-18 Foyer	Black Mastic	1	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-11-38</b> Black Mastic Basement- A-18 Foyer	Black Mastic	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-39</b> White 12x12 FT w/ Black Mastic and Gray Leveler Basement- A-24	Tan Tile	1	Cellulose - 3%	97%	None Detected	---



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Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-39</b> White 12x12 FT w/ Black Mastic and Gray Leveler Basement- A-24	Black Mastic	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-11-40</b> White 12x12 FT w/ Black Mastic and Gray Leveler Basement- A-24	White Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-40</b> White 12x12 FT w/ Black Mastic and Gray Leveler Basement- A-24	Black Mastic	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-40</b> White 12x12 FT w/ Black Mastic and Gray Leveler Basement- A-24	Yellow Mastic	3	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-11-40</b> White 12x12 FT w/ Black Mastic and Gray Leveler Basement- A-24	Gray Leveling Compound	4	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-41</b> Block Pipe Insulation Basement- A-25	White Insulation	1	None Detected	50%	Amosite Chrysotile	30% 20%
<b>212842-02-002-11-42</b> Tan 12x12 FT w/ Yellow Mastic Basement- A-16F	Tan Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-42</b> Tan 12x12 FT w/ Yellow Mastic Basement- A-16F	Yellow Mastic	2	Cellulose - 4%	96%	None Detected	---



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			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-43</b> Gray 2nd Layer FT w/ Yellow Mastic Basement- A-16F	Gray Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-43</b> Gray 2nd Layer FT w/ Yellow Mastic Basement- A-16F	Brown Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-44</b> Gray 2nd Layer FT w/ Yellow Mastic Basement- A-16F	Gray Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-44</b> Gray 2nd Layer FT w/ Yellow Mastic Basement- A-16F	Yellow Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-45</b> Plaster Material Basement- A-16 Area	Gray Plaster	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-45</b> Plaster Material Basement- A-16 Area	White Plaster	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-46</b> Drywall/Joint Compound Basement- Room B032	Gray Drywall <sup>2</sup>	1	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-11-47</b> White 12x12 FT w/ Yellow Mastic Basement- Room B032	White Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-47</b> White 12x12 FT w/ Yellow Mastic Basement- Room B032	Yellow Mastic	2	Cellulose - 5%	95%	None Detected	---



# Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>1/25/2022</u>
Project #	<u>212842</u>		<u>Building 1- Basement, 2nd, and 3rd Floor</u>	Sample Received Date	<u>2/14/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin Mitchell, Lauren</u>	Sample Analysis Date(s)	<u>3/10/2022</u> <u>3/7/2022</u> <u>3/8/2022</u> <u>3/9/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-48</b> Tan w/ Streaks 9x9 FT w/ Black Mastic Basement- Room B028	Tan Tile	1	None Detected	96%	Chrysotile	4%
<b>212842-02-002-11-48</b> Tan w/ Streaks 9x9 FT w/ Black Mastic Basement- Room B028	Black Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-49</b> White w/Streaks 12x12 FT w/ Black Mastic Basement- Room B028	White Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-49</b> White w/Streaks 12x12 FT w/ Black Mastic Basement- Room B028	Black Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-50</b> White w/Streaks 12x12 FT w/ Black Mastic Basement- Room B028	White Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-50</b> White w/Streaks 12x12 FT w/ Black Mastic Basement- Room B028	Black Mastic	2	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-51</b> White w/ Pink 12x12 FT w/ Black Mastic Basement- Closet across from A-13	White Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-51</b> White w/ Pink 12x12 FT w/ Black Mastic Basement- Closet across from A-13	Black Mastic	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-11-52</b> Plaster Material Basement- A-13	Gray Plaster	1	Cellulose - 3%	97%	None Detected	---



# Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>1/25/2022</u>
Project #	<u>212842</u>		<u>Building 1- Basement, 2nd, and 3rd Floor</u>	Sample Received Date	<u>2/14/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin Mitchell, Lauren</u>	Sample Analysis Date(s)	<u>3/10/2022 3/7/2022 3/8/2022 3/9/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-52</b> Plaster Material Basement- A-13	White Plaster	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-53</b> White w/ Pink 12x12 FT w/ Black Mastic Basement- A-23 Morgue Foyer	White Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-53</b> White w/ Pink 12x12 FT w/ Black Mastic Basement- A-23 Morgue Foyer	Black Mastic	2	None Detected	98%	Chrysotile	2%
<b>212842-02-002-11-54</b> White w/ Streaks 12x12 FT w/ Yellow Mastic Basement- A-1a	White Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-54</b> White w/ Streaks 12x12 FT w/ Yellow Mastic Basement- A-1a	Yellow Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-55</b> White 12x12 FT w/ Black Mastic Basement- A-1, at East doorway	White Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-55</b> White 12x12 FT w/ Black Mastic Basement- A-1, at East doorway	Yellow Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-56</b> Drywall/Joint Compound Basement- A-1 area	White Drywall	1	Cellulose - 3% Fiber Glass - 2%	95%	None Detected	---
<b>212842-02-002-11-57</b> Black Mastic A/W Raised Floor Feet Basement- A-1	Black Mastic	1	Cellulose - 3%	97%	None Detected	---



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenzo VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>1/25/2022</u>
Project #	<u>212842</u>		<u>Building 1 - Basement, 2nd, and 3rd Floor</u>	Sample Received Date	<u>2/14/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin Mitchell, Lauren</u>	Sample Analysis Date(s)	<u>3/10/2022</u> <u>3/7/2022</u> <u>3/8/2022</u> <u>3/9/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-58</b> Black Mastic A/W Raised Floor Feet Basement- A-1	Black Mastic	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-59</b> Black Mastic (under raised floor) Basement- A-1	Black Mastic	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-60</b> White w/Streaks 12x12 FT w/ Black Mastic Basement- A8c	White Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-60</b> White w/Streaks 12x12 FT w/ Black Mastic Basement- A8c	Black Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-61</b> Plaster Material Basement- A8a	Gray Plaster	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-61</b> Plaster Material Basement- A8a	White Plaster	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-62</b> Black Mastic A/W Raised Floor Feet Basement- B-22A	Black Mastic	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-63</b> Black Mastic (under raised floor) Basement- B-22A	Black Mastic	1	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-11-64</b> White w/Tan Streaks 12x12 FT w/ Black Mastic Basement- B-22A	White Tile	1	Cellulose - 3%	97%	None Detected	---





## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenzo VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>1/25/2022</u>
Project #	<u>212842</u>		<u>Building 1- Basement, 2nd, and 3rd Floor</u>	Sample Received Date	<u>2/14/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin</u> <u>Mitchell, Lauren</u>	Sample Analysis Date(s)	<u>3/10/2022</u> <u>3/7/2022</u> <u>3/8/2022</u> <u>3/9/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-64</b> White w/Tan Streaks 12x12 FT w/ Black Mastic Basement- B-22A	Yellow Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-65</b> White w/ Pink 12x12 FT w/ Black Mastic Basement- Corridors	Pink Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-65</b> White w/ Pink 12x12 FT w/ Black Mastic Basement- Corridors	Black Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-66</b> White w/ Pink 12x12 FT w/ Black Mastic Basement- Corridors	White Tile	1	None Detected	97%	None Detected	---
<b>212842-02-002-11-66</b> White w/ Pink 12x12 FT w/ Black Mastic Basement- Corridors	Black Mastic	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-11-67</b> White w/ Pink 12x12 FT w/ Black Mastic Basement- Corridors	White Tile	1	None Detected	97%	None Detected	---
<b>212842-02-002-11-67</b> White w/ Pink 12x12 FT w/ Black Mastic Basement- Corridors	Black Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-68</b> White w/ Pink 12x12 FT w/ Black Mastic Basement- Corridors	Tan Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-68</b> White w/ Pink 12x12 FT w/ Black Mastic Basement- Corridors	Black Mastic	2	Cellulose - 5%	95%	None Detected	---



## Results of Polarized Light Microscopy

<b>Client</b>	<u>VAMC - Philadelphia VA</u>	<b>Site Address</b>	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	<b>Sample Date</b>	<u>1/25/2022</u>
<b>Project #</b>	<u>212842</u>		<u>Building 1- Basement, 2nd, and 3rd Floor</u>	<b>Sample Received Date</b>	<u>2/14/2022</u>
<b>Collected By</b>	<u>Criterion Laboratories, Inc.</u>	<b>Analyzed By</b>	<u>Marrs, Collin</u> <u>Mitchell, Lauren</u>	<b>Sample Analysis Date(s)</b>	<u>3/10/2022</u> <u>3/7/2022</u> <u>3/8/2022</u> <u>3/9/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-69</b> White 2nd Layer Flooring w/ Black Mastic Basement- Corridors	White Flooring	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-69</b> White 2nd Layer Flooring w/ Black Mastic Basement- Corridors	Yellow Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-70</b> White 2nd Layer Flooring w/ Black Mastic Basement- Corridors	White Flooring	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-70</b> White 2nd Layer Flooring w/ Black Mastic Basement- Corridors	Yellow Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-71</b> Sprinkler Pipe Thread Sealant Basement- Corridors	Gray/White Sealant	1	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-72</b> White 2x4 Rough Texture Ceiling Tile 2nd Floor- A202 Waiting	White Ceiling Tile	1	Fiber Glass - 25% Cellulose - 30%	45%	None Detected	---
<b>212842-02-002-11-73</b> Sprinkler Pipe Thread Sealant 2nd Floor- A239 Physical Therapy	Gray Sealant	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-73</b> Sprinkler Pipe Thread Sealant 2nd Floor- A239 Physical Therapy	Yellow Mastic	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-74</b> Drywall/Joint Compound 2nd Floor- Physical Therapy Areas	Gray Drywall	1	Cellulose - 3% Fiber Glass - 2%	95%	None Detected	---



# Results of Polarized Light Microscopy

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Project #	<u>212842</u>		<u>Building 1- Basement, 2nd, and 3rd Floor</u>	Sample Received Date	<u>2/14/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin Mitchell, Lauren</u>	Sample Analysis Date(s)	<u>3/10/2022</u> <u>3/7/2022</u> <u>3/8/2022</u> <u>3/9/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-74</b> Drywall/Joint Compound 2nd Floor- Physical Therapy Areas	White Joint Compound	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-75</b> Pink w/ Multi Colors 12x12 FT w/ Yellow Mastic 2nd Floor- A239 Physical Therapy	Tan Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-75</b> Pink w/ Multi Colors 12x12 FT w/ Yellow Mastic 2nd Floor- A239 Physical Therapy	Yellow Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-76</b> White 2x4 Ceiling Tile 2nd Floor- A243	White Ceiling Tile	1	Cellulose - 35% Fiber Glass - 10%	55%	None Detected	---
<b>212842-02-002-11-77</b> Plaster Material 2nd Floor- A243	Gray Plaster	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-77</b> Plaster Material 2nd Floor- A243	White Plaster	2	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-78</b> Pink w/ Multi Colors 12x12 FT w/ Yellow Mastic 2nd Floor- A243	Tan Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-78</b> Pink w/ Multi Colors 12x12 FT w/ Yellow Mastic 2nd Floor- A243	Yellow Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-79</b> Light Tan 12x12 FT w/ Yellow Mastic 2nd Floor- A252	Tan Tile	1	Cellulose - 3%	97%	None Detected	---



# Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>1/25/2022</u>
Project #	<u>212842</u>		<u>Building 1 - Basement, 2nd, and 3rd Floor</u>	Sample Received Date	<u>2/14/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin Mitchell, Lauren</u>	Sample Analysis Date(s)	<u>3/10/2022</u> <u>3/7/2022</u> <u>3/8/2022</u> <u>3/9/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-79</b> Light Tan 12x12 FT w/ Yellow Mastic 2nd Floor- A252	Yellow/Gray Mastic with Leveling Compound <sup>3</sup>	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-80</b> Brown 12x12 FT w/ Black Mastic 2nd Floor- A259	Brown Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-80</b> Brown 12x12 FT w/ Black Mastic 2nd Floor- A259	Yellow Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-81</b> Brown 12x12 FT w/ Black Mastic 2nd Floor- A259	Brown Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-81</b> Brown 12x12 FT w/ Black Mastic 2nd Floor- A259	Yellow Mastic	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-11-82</b> Plaster Material 2nd Floor- Rehab Area Hallways	Gray Plaster	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-82</b> Plaster Material 2nd Floor- Rehab Area Hallways	White Plaster	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-83</b> Light Tan 12x12 FT w/ Yellow Mastic 2nd Floor- A245	Tan Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-83</b> Light Tan 12x12 FT w/ Yellow Mastic 2nd Floor- A245	Yellow Mastic <sup>4</sup>	2	Cellulose - 2%	98%	None Detected	---



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenzo VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>1/25/2022</u>
Project #	<u>212842</u>		<u>Building 1 - Basement, 2nd, and 3rd Floor</u>	Sample Received Date	<u>2/14/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin Mitchell, Lauren</u>	Sample Analysis Date(s)	<u>3/10/2022</u> <u>3/7/2022</u> <u>3/8/2022</u> <u>3/9/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-84</b> Black/Yellow Carpet Mastic 2nd Floor- Impact Clinic (A207-A213 and associated hallway)	Black/Yellow Mastic <sup>5</sup>	1	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-85</b> Black/Yellow Carpet Mastic 2nd Floor- Impact Clinic (A207-A213 and associated hallway)	Black/Yellow Mastic <sup>6</sup>	1	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-11-86</b> Drywall/Joint Compound 2nd Floor- Impact Clinic	Gray Drywall	1	Cellulose - 3% Fiber Glass - 2%	95%	None Detected	---
<b>212842-02-002-11-86</b> Drywall/Joint Compound 2nd Floor- Impact Clinic	White Joint Compound	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-11-87</b> White 2x2 Ceiling Tiles 2nd Floor- Impact Clinic	White Ceiling Tile	1	Cellulose - 40% Fiber Glass - 15%	45%	None Detected	---
<b>212842-02-002-11-88</b> White w/Gray Streaks 12x12 FT w/ Yellow Mastic 2nd Floor- Service Elevator Lobby	White Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-88</b> White w/Gray Streaks 12x12 FT w/ Yellow Mastic 2nd Floor- Service Elevator Lobby	Yellow Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-89</b> Drywall/Joint Compound 2nd Floor- B201-208	Gray Drywall	1	Cellulose - 3% Fiber Glass - 2%	95%	None Detected	---



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>1/25/2022</u>
Project #	<u>212842</u>		<u>Building 1 - Basement, 2nd, and 3rd Floor</u>	Sample Received Date	<u>2/14/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin Mitchell, Lauren</u>	Sample Analysis Date(s)	<u>3/10/2022</u> <u>3/7/2022</u> <u>3/8/2022</u> <u>3/9/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-89</b> Drywall/Joint Compound 2nd Floor- B201-208	White Joint Compound	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-11-90</b> Tan w/Multi Colors 12x12 FT w/ Yellow Mastic 2nd Floor- B220	Tan Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-90</b> Tan w/Multi Colors 12x12 FT w/ Yellow Mastic 2nd Floor- B220	Yellow Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-90</b> Tan w/Multi Colors 12x12 FT w/ Yellow Mastic 2nd Floor- B220	Gray Leveling Compound	3	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-91</b> White 2x2 Ceiling Tiles 2nd Floor- B209-B221	White Ceiling Tile	1	Cellulose - 45% Fiber Glass - 15%	40%	None Detected	---
<b>212842-02-002-11-92</b> Gray Troweled on Fireproofing 2nd Floor- B221	Gray Plaster Material	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-93</b> Gray Troweled on Fireproofing 2nd Floor- B221	Gray Plaster Material	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-94</b> Gray Troweled on Fireproofing 2nd Floor- B221	Gray Plaster Material	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-95</b> Brown w/ multi colors 12x12 FT w/ Black Mastic 2nd Floor- B238e/d	Brown Tile	1	Cellulose - 3%	97%	None Detected	---



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal</u>	Sample Date	<u>1/25/2022</u>
Project #	<u>212842</u>		<u>Michael J. Crescenz VAMC, Building 1,</u>	Sample Received Date	<u>2/14/2022</u>
			<u>3900 Woodland Avenue, Philadelphia, PA</u>		
			<u>19104-4551</u>		
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Building 1- Basement, 2nd, and 3rd Floor</u>	Sample Analysis Date(s)	<u>3/10/2022</u>
			<u>Marrs, Collin</u>		<u>3/7/2022</u>
			<u>Mitchell, Lauren</u>		<u>3/8/2022</u>
					<u>3/9/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-95</b> Brown w/ multi colors 12x12 FT w/ Black Mastic 2nd Floor- B238e/d	Black Mastic	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-11-96</b> Brown w/ multi colors 12x12 FT w/ Black Mastic 2nd Floor- B238 e/d	Brown Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-96</b> Brown w/ multi colors 12x12 FT w/ Black Mastic 2nd Floor- B238 e/d	Black Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-97</b> Plaster Material (ceiling) 2nd Floor- B238D	Gray Plaster	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-97</b> Plaster Material (ceiling) 2nd Floor- B238D	White Plaster	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-98</b> Plaster Material (ceiling) 2nd Floor- B238D	Gray Plaster	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-98</b> Plaster Material (ceiling) 2nd Floor- B238D	White Plaster	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-99</b> Brown w/ multi colors 12x12 FT w/ Black Mastic 2nd Floor- B238C	Brown Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-99</b> Brown w/ multi colors 12x12 FT w/ Black Mastic 2nd Floor- B238C	Black/Gray Mastic with Leveler <sup>7</sup>	2	Cellulose - 5%	95%	None Detected	---



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>1/25/2022</u>
Project #	<u>212842</u>		<u>Building 1- Basement, 2nd, and 3rd Floor</u>	Sample Received Date	<u>2/14/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin</u> <u>Mitchell, Lauren</u>	Sample Analysis Date(s)	<u>3/10/2022</u> <u>3/7/2022</u> <u>3/8/2022</u> <u>3/9/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-100</b> Plaster Material (ceiling) 2nd Floor- B238C	Gray/White Plaster <sup>8</sup>	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-101</b> Pink w/ Multi Colors 12x12 FT w/ Yellow Mastic 2nd Floor- B226-B231 and associated hallway	Beige Floor Tile	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-11-101</b> Pink w/ Multi Colors 12x12 FT w/ Yellow Mastic 2nd Floor- B226-B231 and associated hallway	Yellow/Gray Mastic and Leveling Compound <sup>9</sup>	2	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-102</b> Drywall/Joint Compound 2nd Floor- B226-B231 and associated hallway	Gray Drywall	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-102</b> Drywall/Joint Compound 2nd Floor- B226-B231 and associated hallway	White Joint Compound	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-103</b> White w/Gray Streaks 12x12 FT w/ Yellow Mastic 2nd Floor- B228B to 228G	White Floor Tile	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-11-103</b> White w/Gray Streaks 12x12 FT w/ Yellow Mastic 2nd Floor- B228B to 228G	Yellow Mastic	2	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-104</b> White 2x4 Partition Ceiling Tile 2nd Floor- B228B to 228G	White Ceiling Tile	1	Cellulose - 80%	10%	None Detected	---
			Fiber Glass - 10%			





## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>1/25/2022</u>
Project #	<u>212842</u>		<u>Building 1- Basement, 2nd, and 3rd Floor</u>	Sample Received Date	<u>2/14/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin Mitchell, Lauren</u>	Sample Analysis Date(s)	<u>3/10/2022</u> <u>3/7/2022</u> <u>3/8/2022</u> <u>3/9/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-105</b> Black Mastic 2nd Floor- A235B	Black Mastic	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-11-106</b> Black Mastic 2nd Floor- A235C	Black Mastic	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-107</b> Black Mastic 2nd Floor- A235D	Black Mastic	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-108</b> Plaster Material (wall) 2nd Floor- A235C	White Plaster	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-11-108</b> Plaster Material (wall) 2nd Floor- A235C	Gray Plaster	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-109</b> Light Gray 12x12 FT w/ Yellow Mastic 2nd Floor- A236 Impatient Pharmacy Areas	Gray Floor Tile	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-11-109</b> Light Gray 12x12 FT w/ Yellow Mastic 2nd Floor- A236 Impatient Pharmacy Areas	Yellow Mastic	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-110</b> Light Gray 12x12 FT w/ Yellow Mastic 2nd Floor- A236 Impatient Pharmacy Areas	Gray Floor Tile	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-11-110</b> Light Gray 12x12 FT w/ Yellow Mastic 2nd Floor- A236 Impatient Pharmacy Areas	Yellow Mastic	2	Cellulose - 2%	98%	None Detected	---



## Results of Polarized Light Microscopy

Client <u>VAMC - Philadelphia VA</u> Project # <u>212842</u> Collected By <u>Criterion Laboratories, Inc.</u>	Site Address <u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u> <u>Building 1 - Basement, 2nd, and 3rd Floor</u> Analyzed By <u>Marrs, Collin Mitchell, Lauren</u>	Sample Date <u>1/25/2022</u> Sample Received Date <u>2/14/2022</u> Sample Analysis Date(s) <u>3/10/2022</u> <u>3/7/2022</u> <u>3/8/2022</u> <u>3/9/2022</u>
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Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-111</b> White Smooth 2x4 Ceiling Tile 2nd Floor- A236 Inpatient Pharmacy Areas	White Ceiling Tile	1	Cellulose - 75% Fiber Glass - 10%	15%	None Detected	---
<b>212842-02-002-11-112</b> White Smooth 2x4 Ceiling Tile 2nd Floor- A236 Inpatient Pharmacy Areas	White Ceiling Tile	1	Cellulose - 75% Fiber Glass - 10%	15%	None Detected	---
<b>212842-02-002-11-113</b> Tan Spray-on Fireproofing 2nd Floor- A236 Inpatient Pharmacy Areas, East Half	Tan Fireproofing	1	Cellulose - 25% Fiber Glass - 5%	70%	None Detected	---
<b>212842-02-002-11-114</b> Tan Spray-on Fireproofing 2nd Floor- A236 Inpatient Pharmacy Areas, East Half	Tan Fireproofing	1	Cellulose - 25% Fiber Glass - 5%	70%	None Detected	---
<b>212842-02-002-11-115</b> Tan Spray-on Fireproofing 2nd Floor- A236 Inpatient Pharmacy Areas, East Half	Tan Fireproofing	1	Cellulose - 25% Fiber Glass - 5%	70%	None Detected	---
<b>212842-02-002-11-116</b> Gray Spray-on Fireproofing 2nd Floor- A236 Inpatient Pharmacy Areas	Gray Fireproofing	1	Cellulose - 25% Fiber Glass - 3%	72%	None Detected	---
<b>212842-02-002-11-117</b> Gray Spray-on Fireproofing 2nd Floor- A236 Inpatient Pharmacy Areas	Gray Fireproofing	1	Cellulose - 25% Fiber Glass - 3%	72%	None Detected	---
<b>212842-02-002-11-118</b> Gray Spray-on Fireproofing 2nd Floor- A236 Inpatient Pharmacy Areas	Gray Fireproofing	1	Cellulose - 25% Fiber Glass - 3%	72%	None Detected	---



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>1/25/2022</u>
Project #	<u>212842</u>		<u>Building 1- Basement, 2nd, and 3rd Floor</u>	Sample Received Date	<u>2/14/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin</u> <u>Mitchell, Lauren</u>	Sample Analysis Date(s)	<u>3/10/2022</u> <u>3/7/2022</u> <u>3/8/2022</u> <u>3/9/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-119</b> Gray Spray-on Fireproofing 2nd Floor- A236 Inpatient Pharmacy Areas	Gray Fireproofing	1	Cellulose - 25% Fiber Glass - 3%	72%	None Detected	---
<b>212842-02-002-11-120</b> Gray Spray-on Fireproofing 2nd Floor- A236 Inpatient Pharmacy Areas	Gray Fireproofing	1	Cellulose - 45%	55%	None Detected	---
<b>212842-02-002-11-121</b> Pink w/ multicolors 12x12 FT w/ Black and Yellow Mastic 2nd Floor- Hallways	Tan Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-121</b> Pink w/ multicolors 12x12 FT w/ Black and Yellow Mastic 2nd Floor- Hallways	Black Mastic	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-11-122</b> Pink w/ multicolors 12x12 FT w/ Black and Yellow Mastic 2nd Floor- Hallways	Tan Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-122</b> Pink w/ multicolors 12x12 FT w/ Black and Yellow Mastic 2nd Floor- Hallways	Black Mastic	2	None Detected	97%	Chrysotile	3%
<b>212842-02-002-11-122</b> Pink w/ multicolors 12x12 FT w/ Black and Yellow Mastic 2nd Floor- Hallways	Yellow Mastic	3	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-123</b> White 2x4 Partition Ceiling Tile 2nd Floor- Hallways	White Ceiling Tile	1	Cellulose - 35% Fiber Glass - 15%	50%	None Detected	---



## Results of Polarized Light Microscopy

Client <u>VAMC - Philadelphia VA</u> Project # <u>212842</u> Collected By <u>Criterion Laboratories, Inc.</u>	Site Address <u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u> <u>Building 1- Basement, 2nd, and 3rd Floor</u> Analyzed By <u>Marrs, Collin</u> <u>Mitchell, Lauren</u>	Sample Date <u>1/25/2022</u> Sample Received Date <u>2/14/2022</u> Sample Analysis Date(s) <u>3/10/2022</u> <u>3/7/2022</u> <u>3/8/2022</u> <u>3/9/2022</u>
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Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-124</b> Sprinkler Pipe Thread Sealant 2nd Floor- Hallways	Tan Sealant	1	Cellulose - 2%	96%	Chrysotile	2%
<b>212842-02-002-11-125</b> Sprinkler Pipe Thread Sealant 2nd Floor- Hallways	Tan Sealant	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-126</b> Pipe Hanger Insulation A/W Fiberglass 2nd Floor- Hallway near service elevator lobby	Gray Insulation	1	Fiber Glass - 75%	25%	None Detected	---
<b>212842-02-002-11-127</b> Gray w/ Blotches 12x12 FT w/ Yellow and Black Mastic 3rd Floor- A354	Gray Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-127</b> Gray w/ Blotches 12x12 FT w/ Yellow and Black Mastic 3rd Floor- A354	Yellow Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-127</b> Gray w/ Blotches 12x12 FT w/ Yellow and Black Mastic 3rd Floor- A354	Black Mastic	3	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-128</b> Gray w/ Blotches 12x12 FT w/ Yellow and Black Mastic 3rd Floor- A356	Gray Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-128</b> Gray w/ Blotches 12x12 FT w/ Yellow and Black Mastic 3rd Floor- A356	Black Mastic	2	Cellulose - 5%	95%	None Detected	---



## Results of Polarized Light Microscopy

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Project #	<u>212842</u>		<u>Building 1 - Basement, 2nd, and 3rd Floor</u>	Sample Received Date	<u>2/14/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin Mitchell, Lauren</u>	Sample Analysis Date(s)	<u>3/10/2022</u> <u>3/7/2022</u> <u>3/8/2022</u> <u>3/9/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-129</b> Light Blue 12x12 FT w/ Yellow and Black Mastic 3rd Floor- A355	Blue Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-129</b> Light Blue 12x12 FT w/ Yellow and Black Mastic 3rd Floor- A355	Black Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-130</b> Light Blue 12x12 FT w/ Yellow and Black Mastic 3rd Floor- A349	Blue Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-130</b> Light Blue 12x12 FT w/ Yellow and Black Mastic 3rd Floor- A349	Black/Yellow Mastic <sup>10</sup>	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-131</b> Plaster Material 3rd Floor- A346 Mechanical Room	Gray Plaster	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-131</b> Plaster Material 3rd Floor- A346 Mechanical Room	White Plaster	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-132</b> Light Blue Sheet Flooring 3rd Floor- A362	Blue Flooring	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-132</b> Light Blue Sheet Flooring 3rd Floor- A362	Gray Backing	2	Cellulose - 75%	25%	None Detected	---
<b>212842-02-002-11-133</b> Light Blue Sheet Flooring 3rd Floor- A362	Blue Flooring	1	Cellulose - 3%	97%	None Detected	---



## Results of Polarized Light Microscopy

Client <u>VAMC - Philadelphia VA</u> Project # <u>212842</u> Collected By <u>Criterion Laboratories, Inc.</u>	Site Address <u>Department of Veterans Affairs - Corporal Michael J. Crescenzo VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551 Building 1- Basement, 2nd, and 3rd Floor</u> Analyzed By <u>Marrs, Collin Mitchell, Lauren</u>	Sample Date <u>1/25/2022</u> Sample Received Date <u>2/14/2022</u> Sample Analysis Date(s) <u>3/10/2022</u> <u>3/7/2022</u> <u>3/8/2022</u> <u>3/9/2022</u>
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Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-133</b> Light Blue Sheet Flooring 3rd Floor- A362	Tan Backing	2	Cellulose - 75%	25%	None Detected	---
<b>212842-02-002-11-134</b> Light Blue 12x12 FT w/ Yellow and Black Mastic 3rd Floor- A363	Blue Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-134</b> Light Blue 12x12 FT w/ Yellow and Black Mastic 3rd Floor- A363	Yellow Mastic	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-11-134</b> Light Blue 12x12 FT w/ Yellow and Black Mastic 3rd Floor- A363	Gray Leveling Compound	3	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-135</b> Gray w/ Blotches 12x12 FT w/ Yellow and Black Mastic 3rd Floor- A364	Tan Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-135</b> Gray w/ Blotches 12x12 FT w/ Yellow and Black Mastic 3rd Floor- A364	Yellow Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-136</b> Drywall/Joint Compound 3rd Floor- A364	Gray Drywall	1	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-11-136</b> Drywall/Joint Compound 3rd Floor- A364	White Joint Compound	2	Cellulose - 3%	97%	None Detected	---



## Results of Polarized Light Microscopy

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Project #	<u>212842</u>		<u>Building 1- Basement, 2nd, and 3rd Floor</u>	Sample Received Date	<u>2/14/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin Mitchell, Lauren</u>	Sample Analysis Date(s)	<u>3/10/2022</u> <u>3/7/2022</u> <u>3/8/2022</u> <u>3/9/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-137</b> Tan w/Yellow and Purple 12x12 FT w/ Yellow Mastic 3rd Floor- Hallway from A365 to A355	Tan Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-137</b> Tan w/Yellow and Purple 12x12 FT w/ Yellow Mastic 3rd Floor- Hallway from A365 to A355	Black/Gray Mastic with Leveling Compound <sup>11</sup>	2	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-138</b> Tan w/Yellow and Purple 12x12 FT w/ Yellow Mastic 3rd Floor- Hallway from A365 to A355	Tan Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-138</b> Tan w/Yellow and Purple 12x12 FT w/ Yellow Mastic 3rd Floor- Hallway from A365 to A355	Black/Gray Mastic with Leveling Compound <sup>12</sup>	2	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-138</b> Tan w/Yellow and Purple 12x12 FT w/ Yellow Mastic 3rd Floor- Hallway from A365 to A355	Yellow Mastic <sup>13</sup>	3	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-139</b> Blue w/multi color 12x12 FT w/ Yellow Mastic 3rd Floor- East Ward (A301 to A335)	Blue Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-139</b> Blue w/multi color 12x12 FT w/ Yellow Mastic 3rd Floor- East Ward (A301 to A335)	Yellow Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-139</b> Blue w/multi color 12x12 FT w/ Yellow Mastic 3rd Floor- East Ward (A301 to A335)	White Leveling Compound	3	Cellulose - 2%	98%	None Detected	---



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Project #	<u>212842</u>		<u>Building 1- Basement, 2nd, and 3rd Floor</u>	Sample Received Date	<u>2/14/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin Mitchell, Lauren</u>	Sample Analysis Date(s)	<u>3/10/2022</u> <u>3/7/2022</u> <u>3/8/2022</u> <u>3/9/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-139</b> Blue w/multi color 12x12 FT w/ Yellow Mastic 3rd Floor- East Ward (A301 to A335)	Gray Leveling Compound	4	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-140</b> Blue w/multi color 12x12 FT w/ Yellow Mastic 3rd Floor- East Ward (A301 to A335)	Blue Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-140</b> Blue w/multi color 12x12 FT w/ Yellow Mastic 3rd Floor- East Ward (A301 to A335)	Yellow Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-140</b> Blue w/multi color 12x12 FT w/ Yellow Mastic 3rd Floor- East Ward (A301 to A335)	White Leveling Compound	3	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-140</b> Blue w/multi color 12x12 FT w/ Yellow Mastic 3rd Floor- East Ward (A301 to A335)	Gray Leveling Compound	4	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-141</b> Blue w/multi color 12x12 FT w/ Yellow Mastic 3rd Floor- East Ward (A301 to A335)	Blue Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-141</b> Blue w/multi color 12x12 FT w/ Yellow Mastic 3rd Floor- East Ward (A301 to A335)	Yellow Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-142</b> White w/Gray Streaks 12x12 FT w/ Yellow Mastic 3rd Floor- Room B316	Tan Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-142</b> White w/Gray Streaks 12x12 FT w/ Yellow Mastic 3rd Floor- Room B316	Yellow/Gray Mastic with Leveling Compound <sup>14</sup>	2	Cellulose - 5%	95%	None Detected	---





## Results of Polarized Light Microscopy

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Project #	<u>212842</u>		<u>Building 1- Basement, 2nd, and 3rd Floor</u>	Sample Received Date	<u>2/14/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin</u> <u>Mitchell, Lauren</u>	Sample Analysis Date(s)	<u>3/10/2022</u> <u>3/7/2022</u> <u>3/8/2022</u> <u>3/9/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-143</b> Drywall/Joint Compound 3rd Floor- Dental Clinic	Gray Drywall	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-143</b> Drywall/Joint Compound 3rd Floor- Dental Clinic	White Joint Compound	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-11-144</b> Blue Sheet Flooring w/Black Mastic 3rd Floor- B346	Blue Flooring	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-144</b> Blue Sheet Flooring w/Black Mastic 3rd Floor- B346	Black/Gray Mastic with Leveling Compound <sup>15</sup>	2	None Detected	98%	Chrysotile	2%
<b>212842-02-002-11-145</b> Blue Sheet Flooring w/Black Mastic 3rd Floor- B336	Blue Flooring	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-145</b> Blue Sheet Flooring w/Black Mastic 3rd Floor- B336	Black/Gray Mastic with Leveling Compound <sup>16</sup>	2	None Detected	98%	Chrysotile	2%
<b>212842-02-002-11-146</b> Tan Sheet Flooring w/Black Mastic 3rd Floor- B353	Tan Flooring	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-146</b> Tan Sheet Flooring w/Black Mastic 3rd Floor- B353	Black Mastic	2	None Detected	95%	Chrysotile	5%
<b>212842-02-002-11-146</b> Tan Sheet Flooring w/Black Mastic 3rd Floor- B353	Yellow Mastic	3	Cellulose - 3%	97%	None Detected	---



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>1/25/2022</u>
Project #	<u>212842</u>		<u>Building 1- Basement, 2nd, and 3rd Floor</u>	Sample Received Date	<u>2/14/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin</u> <u>Mitchell, Lauren</u>	Sample Analysis Date(s)	<u>3/10/2022</u> <u>3/7/2022</u> <u>3/8/2022</u> <u>3/9/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-147</b> Tan Sheet Flooring w/Black Mastic 3rd Floor- Dental Clinic Hallway	Tan Flooring	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-147</b> Tan Sheet Flooring w/Black Mastic 3rd Floor- Dental Clinic Hallway	Black/Yellow Mastic <sup>17</sup>	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-11-148</b> Tan Sheet Flooring w/Black Mastic 3rd Floor- B338	Tan Flooring	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-148</b> Tan Sheet Flooring w/Black Mastic 3rd Floor- B338	Black Mastic	2	None Detected	94%	Chrysotile	6%
<b>212842-02-002-11-149</b> White w/Gray Streaks 12x12 FT w/ Yellow Mastic 3rd Floor- B329	Gray/White Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-149</b> White w/Gray Streaks 12x12 FT w/ Yellow Mastic 3rd Floor- B329	Yellow Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-150</b> Tan w/ Streaks 12x12 FT w/ Black Mastic 3rd Floor- Dental Clinic, Hallway at B339A	Tan Floor Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-150</b> Tan w/ Streaks 12x12 FT w/ Black Mastic 3rd Floor- Dental Clinic, Hallway at B339A	Black Mastic	2	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-151</b> Gray Spray-on Fireproofing 3rd Floor- B338	Gray Fireproofing	1	Cellulose - 3%	42%	None Detected	---
			Fiber Glass - 55%			



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>1/25/2022</u>
Project #	<u>212842</u>		<u>Building 1 - Basement, 2nd, and 3rd Floor</u>	Sample Received Date	<u>2/14/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin Mitchell, Lauren</u>	Sample Analysis Date(s)	<u>3/10/2022</u> <u>3/7/2022</u> <u>3/8/2022</u> <u>3/9/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-152</b> Gray Spray-on Fireproofing 3rd Floor- B338	Gray Fireproofing	1	Cellulose - 2% Fiber Glass - 55%	43%	None Detected	---
<b>212842-02-002-11-153</b> Gray Spray-on Fireproofing 3rd Floor- B339A	Gray Fireproofing	1	Cellulose - 3% Fiber Glass - 55%	42%	None Detected	---
<b>212842-02-002-11-154</b> Tan/Green 12x12 FT w/ Black Mastic 3rd Floor- B339A	Tan Floor Tile	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-11-154</b> Tan/Green 12x12 FT w/ Black Mastic 3rd Floor- B339A	Black Mastic	2	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-155</b> Tan/Green 12x12 FT w/ Black Mastic 3rd Floor- B339A	Green Floor Tile	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-11-155</b> Tan/Green 12x12 FT w/ Black Mastic 3rd Floor- B339A	Black Mastic	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-156</b> White 2x4 Partition Ceiling Tile 3rd Floor- Dental Clinic	White Ceiling Tile	1	Cellulose - 80% Fiber Glass - 10%	10%	None Detected	---
<b>212842-02-002-11-157</b> Tan Marbled 12x12 FT w/ Black Mastic 3rd Floor- Hallway at B307 to Research Building	Tan Floor Tile	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-11-157</b> Tan Marbled 12x12 FT w/ Black Mastic 3rd Floor- Hallway at B307 to Research Building	Black Mastic	2	Cellulose - 5%	95%	None Detected	---



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>1/25/2022</u>
Project #	<u>212842</u>		<u>Building 1 - Basement, 2nd, and 3rd Floor</u>	Sample Received Date	<u>2/14/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin Mitchell, Lauren</u>	Sample Analysis Date(s)	<u>3/10/2022</u> <u>3/7/2022</u> <u>3/8/2022</u> <u>3/9/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-158</b> Gray Spray-on Fireproofing 3rd Floor- Eye Clinic	Gray Fireproofing	1	Cellulose - 5% Fiber Glass - 55%	40%	None Detected	---
<b>212842-02-002-11-159</b> Gray Spray-on Fireproofing 3rd Floor- Eye Clinic	Gray Fireproofing	1	Cellulose - 5% Fiber Glass - 55%	40%	None Detected	---
<b>212842-02-002-11-160</b> Drywall/Joint Compound 3rd Floor- Eye Clinic	Gray Drywall	1	Cellulose - 1% Fiber Glass - 1%	98%	None Detected	---
<b>212842-02-002-11-160</b> Drywall/Joint Compound 3rd Floor- Eye Clinic	White Joint Compound	2	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-11-161</b> Pink 12x12 FT w/ Yellow Mastic 3rd Floor- B379	Pink Floor Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-161</b> Pink 12x12 FT w/ Yellow Mastic 3rd Floor- B379	Yellow Mastic	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-162</b> Pink 12x12 FT w/ Yellow Mastic 3rd Floor- B380	Pink Floor Tile	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-11-162</b> Pink 12x12 FT w/ Yellow Mastic 3rd Floor- B380	Yellow Mastic	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-163</b> Tan Marbled 12x12 FT w/ Black Mastic 3rd Floor- Eye Clinic Hallway	Tan Floor Tile	1	Cellulose - 1%	99%	None Detected	---



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>1/25/2022</u>
Project #	<u>212842</u>		<u>Building 1 - Basement, 2nd, and 3rd Floor</u>	Sample Received Date	<u>2/14/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin Mitchell, Lauren</u>	Sample Analysis Date(s)	<u>3/10/2022</u> <u>3/7/2022</u> <u>3/8/2022</u> <u>3/9/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-163</b> Tan Marbled 12x12 FT w/ Black Mastic 3rd Floor- Eye Clinic Hallway	Black Mastic	2	Cellulose - 3% Fiber Glass - 1%	96%	None Detected	---
<b>212842-02-002-11-164</b> Tan Marbled 12x12 FT w/ Black Mastic 3rd Floor- B381	Tan Floor Tile	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-11-164</b> Tan Marbled 12x12 FT w/ Black Mastic 3rd Floor- B381	Black Mastic	2	Cellulose - 2% Fiber Glass - 1%	97%	None Detected	---
<b>212842-02-002-11-165</b> Sprinkler Pipe Thread Sealant 3rd Floor- 3B168	Tan Sealant	1	Cellulose - 6%	94%	None Detected	---
<b>212842-02-002-11-166</b> Black Carpet Mastic 3rd Floor- B323	Black Mastic	1	Cellulose - 3% Fiber Glass - 2%	95%	None Detected	---
<b>212842-02-002-11-167</b> Black Carpet Mastic 3rd Floor- B320	Black Mastic	1	Cellulose - 5% Fiber Glass - 2%	93%	None Detected	---
<b>212842-02-002-11-168</b> Tan Marbled 12x12 FT w/ Black Mastic 3rd Floor- Hallways/Elevator Lobby	Tan Floor Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-168</b> Tan Marbled 12x12 FT w/ Black Mastic 3rd Floor- Hallways/Elevator Lobby	Black Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-11-169</b> Tan Marbled 12x12 FT w/ Black Mastic 3rd Floor- Hallways/Elevator Lobby	Tan Floor Tile	1	Cellulose - 2%	98%	None Detected	---



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>1/25/2022</u>
Project #	<u>212842</u>		<u>Building 1 - Basement, 2nd, and 3rd Floor</u>	Sample Received Date	<u>2/14/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin Mitchell, Lauren</u>	Sample Analysis Date(s)	<u>3/10/2022</u> <u>3/7/2022</u> <u>3/8/2022</u> <u>3/9/2022</u>

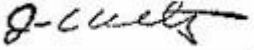
Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-11-169</b> Tan Marbled 12x12 FT w/ Black Mastic 3rd Floor- Hallways/Elevator Lobby	Black Mastic	2	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-11-170</b> Wrap A/W Fiberglass Pipe Elbows 3rd Floor- Hallways/Elevator Lobby	Tan Pipe Wrap	1	Cellulose - 5% Fiber Glass - 10%	83%	Chrysotile	2%
<b>212842-02-002-11-171</b> Wrap A/W Fiberglass Pipe Elbows 3rd Floor- Hallways/Elevator Lobby	Gray Pipe Wrap	1	Cellulose - 5% Fiber Glass - 10%	82%	Chrysotile	3%
<b>212842-02-002-11-172</b> Pipe Hanger Insulation A/W Fiberglass 3rd Floor- Hallways/Elevator Lobby	White Insulation	1	None Detected	79%	Chrysotile Amosite	6% 15%
<b>212842-02-002-11-173</b> Pipe Hanger Insulation A/W Fiberglass 3rd Floor- Hallways/Elevator Lobby	White Insulation	1	None Detected	79%	Chrysotile Amosite	6% 15%
<b>212842-02-002-11-174</b> Compressed Paper Pipe Insulation 3rd Floor- Hallway	Gray Pipe Insulation	1	Cellulose - 15%	40%	Chrysotile	45%
<b>212842-02-002-11-175</b> Compressed Paper Pipe Insulation 3rd Floor- Hallway	Gray Pipe Insulation	1	Cellulose - 15%	40%	Chrysotile	45%
<b>212842-02-002-11-176</b> Plaster Material 3rd Floor- Hallways/Elevator Lobby	Gray/White Plaster <sup>18</sup>	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-11-177</b> Sprinkler Pipe Thread Sealant 3rd Floor- Hallways/Elevator Lobby	Gray Sealant	1	Cellulose - 3%	97%	None Detected	---



# Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>1/25/2022</u>
Project #	<u>212842</u>		<u>Building 1- Basement, 2nd, and 3rd Floor</u>	Sample Received Date	<u>2/14/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin Mitchell, Lauren</u>	Sample Analysis Date(s)	<u>3/10/2022</u> <u>3/7/2022</u> <u>3/8/2022</u> <u>3/9/2022</u>

Sample Number	Material Description	Appearance	Layer	Non-Asbestos		Asbestos	
				Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
Sample Count	<u>177</u>						
		1 - No Joint Compound					
		2 - No Joint Compound					
		3 - Inseparable					
		4 - Insufficient Sample Provided					
		5 - Inseparable					
		6 - Inseparable					
		7 - Inseparable					
		8 - Inseparable					
		9 - Inseparable					
		10 - Inseparable					
		11 - Inseparable					
		12 - Inseparable					
		13 - Insufficient Sample Provided					
		14 - Inseparable					
		15 - Inseparable					
		16 - Inseparable					
		17 - Inseparable					
		18 - Inseparable					

  
James A. Wertz, CIH, Technical Director

Criterion Laboratories, Inc. bears no responsibility for sample collection activities of non-Criterion personnel. Results apply to sample(s) as received. This report relates only to the samples reported above, and when reproduced, must be in its entirety. Estimated accuracy, precision and uncertainty data available on request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting Limit is 1%. QC data associated with this sample set is within acceptable limits. Samples were received in good condition, unless otherwise noted.

Note: If your project number ends with an "R", it is a revised report and replaces the original document in full. The above results represent the analysis of bulk sample(s) by Criterion Laboratories, Inc. according to EPA 40 CFR Part 763 Appendix E to Subpart E - Polarized Light Microscopy. The concentration of asbestos is determined by visual estimation.



# Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>1/25/2022</u>
Project #	<u>212842</u>		<u>Building 1- Basement, 2nd, and 3rd Floor</u>	Sample Received Date	<u>2/14/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin</u> <u>Mitchell, Lauren</u>	Sample Analysis Date(s)	<u>3/10/2022</u> <u>3/7/2022</u> <u>3/8/2022</u> <u>3/9/2022</u>



Criterion Laboratories, Inc. (ID 100424) is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the IHLAP; EMLAP and ELLAP accreditation programs for Polarized Light Microscopy (PLM), Phase Contrast Microscopy (PCM); Air-Direct Examination; and Airborne Dust, Paint, Settled Dust by Wipe and Soil for Fields of Testing as documented by the Scope of Accreditation Certificate and associated Scope. Additionally, Criterion Laboratories, Inc. is certified by the Center for Disease Control (CDC) Environmental Legionella Isolation Techniques Evaluation (ELITE) Program for the determination of Legionella in water by culture and holds accreditation from the National Voluntary Laboratory Accreditation Program (NVLAP ID 102046-0) for the determination of asbestos in bulk samples by Polarized Light Microscopy (PLM). This test report must not be used to claim product endorsement by NVLAP, NIST, AIHA or any agency of the US Government. Unless specifically listed as above, these test results are not covered under AIHA-LAP, LLC, 100424 accreditation.

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# Chain of Custody

**Matrix** Bulk/Building Material  
**Analyte** Asbestos  
**Analysis Type** PLM  
**Container** Bag  
**Project** 212842  
**Client** VAMC - Philadelphia VA  
**Site Address** Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551  
**Location** Building 1- Basement, 2nd, and 3rd Floor  
**Turnaround** 3 - 5 Days  
**Field Tech** Craig Gratz  
**Sample Notes** sprinkler thread sealant material is found throughout. no access to A23b and c morgue areas, B-7 police training, A-26 Police locker room,

## Chain of Custody Notes

## Additional Analytes

Sample Number	Location	Material Description	Received Condition	Date	Notes
212842-02-002-11-01	Basement- B-9 Mechanical Room	Green 9x9 FT w/ Black Mastic	Good	2/14/2022	
212842-02-002-11-02	Basement- B-9 Mechanical Room	Plaster Material	Good	2/14/2022	
212842-02-002-11-03	Basement- B-9 Mechanical Room	Sprinkler Pipe Thread Sealant	Good	2/14/2022	
212842-02-002-11-04	Basement- B-9 Mechanical Room	Black Vibration Cloth	Good	2/14/2022	
212842-02-002-11-05	Basement- B-2 Storage Area	Large Diameter Fittings A/W Fiberglass Pipe Insulation	Good	2/14/2022	
212842-02-002-11-06	Basement- B-2 Storage Area	Large Diameter Fittings A/W Fiberglass Pipe Insulation	Good	2/14/2022	
212842-02-002-11-07	Basement- B-2 Storage Area	White Pipe Wrap A/W Large Diameter Pipe Insulation	Good	2/14/2022	
212842-02-002-11-08	Basement- B-2 Storage Area	White Pipe Wrap A/W Large Diameter Pipe Insulation	Good	2/14/2022	
212842-02-002-11-09	Basement- B-2 Storage Area	Fittings A/W Fiberglass Pipe Insulation	Good	2/14/2022	
212842-02-002-11-10	Basement- B031 Plumbing Shop Area	Drywall/Joint Compound	Good	2/14/2022	



# Chain of Custody

212842-02-002-11-11	Basement- B031 Plumbing Shop Area	Tan Spray-on Fireproofing	Good	2/14/2022
212842-02-002-11-12	Basement- B031 Plumbing Shop Area	Tan Spray-on Fireproofing	Good	2/14/2022
212842-02-002-11-13	Basement- B028 A/C Shop	Drywall/Joint Compound	Good	2/14/2022
212842-02-002-11-14	Basement- B027a Office	White 2x4 Ceiling Tile	Good	2/14/2022
212842-02-002-11-15	Basement- B027a Office	White/Blue 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-16	Basement- B037 (in wall)	Block Pipe Insulation	Good	2/14/2022
212842-02-002-11-17	Basement- B035a Carpenter Shop Storage	Cork Pipe Insulation w/ Black Tar	Good	2/14/2022
212842-02-002-11-18	Basement- B035a Carpenter Shop Storage	Cork Pipe Insulation w/ Black Tar	Good	2/14/2022
212842-02-002-11-19	Basement- Hallway at B032	Cork Pipe Insulation w/ Black Tar	Good	2/14/2022
212842-02-002-11-20	Basement- A15 Biomed	Tan 12x12 FT w/ Yellow Mastic	Good	2/14/2022
212842-02-002-11-21	Basement- A-5 Mechanical Room	Plaster Material	Good	2/14/2022
212842-02-002-11-22	Basement- A-5 Mechanical Room	Plaster Material	Good	2/14/2022
212842-02-002-11-23	Basement- Room A- 4a	Gray 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-24	Basement- Room A- 4a	Gray 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-25	Basement- Room A- 7	Tan w/Streaks 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-26	Basement- Room A- 7	Tan w/Streaks 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-27	Basement- Room A- 7	Plaster Material	Good	2/14/2022
212842-02-002-11-28	Basement- Hallway outside A-8e	Light Brown/Red 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-29	Basement- Hallway outside A-8e	Light Brown/Red 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-30	Basement- A-28b/c Linen Rooms	Tan w/Streaks 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-31	Basement- A-28b/c Linen Rooms	Fittings A/W Fiberglass Pipe Insulation	Good	2/14/2022
212842-02-002-11-32	Basement- A-28 Foyer	Black Tar Condensate Wrap	Good	2/14/2022
212842-02-002-11-33	Basement- A-28 Foyer	Fittings A/W Fiberglass Pipe Insulation	Good	2/14/2022
212842-02-002-11-34	Basement- A-28 Foyer	Tan 12x12 FT w/ Yellow Mastic	Good	2/14/2022



# Chain of Custody

212842-02-002-11-35	Basement- A-28 Foyer	Light Brown/Red 12x12 FT w/ Black Mastic (2nd Layer)	Good	2/14/2022
212842-02-002-11-36	Basement- A-28 Mechanical Room	Fittings A/W Fiberglass Pipe Insulation	Good	2/14/2022
212842-02-002-11-37	Basement- A-18 Foyer	Black Mastic	Good	2/14/2022
212842-02-002-11-38	Basement- A-18 Foyer	Black Mastic	Good	2/14/2022
212842-02-002-11-39	Basement- A-24	White 12x12 FT w/ Black Mastic and Gray Leveler	Good	2/14/2022
212842-02-002-11-40	Basement- A-24	White 12x12 FT w/ Black Mastic and Gray Leveler	Good	2/14/2022
212842-02-002-11-41	Basement- A-25	Block Pipe Insulation	Good	2/14/2022
212842-02-002-11-42	Basement- A-16F	Tan 12x12 FT w/ Yellow Mastic	Good	2/14/2022
212842-02-002-11-43	Basement- A-16F	Gray 2nd Layer FT w/ Yellow Mastic	Good	2/14/2022
212842-02-002-11-44	Basement- A-16F	Gray 2nd Layer FT w/ Yellow Mastic	Good	2/14/2022
212842-02-002-11-45	Basement- A-16 Area	Plaster Material	Good	2/14/2022
212842-02-002-11-46	Basement- Room B032	Drywall/Joint Compound	Good	2/14/2022
212842-02-002-11-47	Basement- Room B032	White 12x12 FT w/ Yellow Mastic	Good	2/14/2022
212842-02-002-11-48	Basement- Room B028	Tan w/ Streaks 9x9 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-49	Basement- Room B028	White w/Streaks 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-50	Basement- Room B028	White w/Streaks 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-51	Basement- Closet across from A-13	White w/ Pink 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-52	Basement- A-13	Plaster Material	Good	2/14/2022
212842-02-002-11-53	Basement- A-23 Morgue Foyer	White w/ Pink 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-54	Basement- A-1a	White w/ Streaks 12x12 FT w/ Yellow Mastic	Good	2/14/2022
212842-02-002-11-55	Basement- A-1, at East doorway	White 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-56	Basement- A-1 area	Drywall/Joint Compound	Good	2/14/2022
212842-02-002-11-57	Basement- A-1	Black Mastic A/W Raised Floor Feet	Good	2/14/2022
212842-02-002-11-58	Basement- A-1	Black Mastic A/W Raised Floor Feet	Good	2/14/2022
212842-02-002-11-59	Basement- A-1	Black Mastic (under raised floor)	Good	2/14/2022
212842-02-002-11-60	Basement- A8c	White w/Streaks 12x12 FT w/ Black Mastic	Good	2/14/2022



# Chain of Custody

212842-02-002-11-61	Basement- A8a	Plaster Material	Good	2/14/2022
212842-02-002-11-62	Basement- B-22A	Black Mastic A/W Raised Floor Feet	Good	2/14/2022
212842-02-002-11-63	Basement- B-22A	Black Mastic (under raised floor)	Good	2/14/2022
212842-02-002-11-64	Basement- B-22A	White w/Tan Streaks 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-65	Basement- Corridors	White w/ Pink 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-66	Basement- Corridors	White w/ Pink 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-67	Basement- Corridors	White w/ Pink 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-68	Basement- Corridors	White w/ Pink 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-69	Basement- Corridors	White 2nd Layer Flooring w/ Black Mastic	Good	2/14/2022
212842-02-002-11-70	Basement- Corridors	White 2nd Layer Flooring w/ Black Mastic	Good	2/14/2022
212842-02-002-11-71	Basement- Corridors	Sprinkler Pipe Thread Sealant	Good	2/14/2022
212842-02-002-11-72	2nd Floor- A202 Waiting	White 2x4 Rough Texture Ceiling Tile	Good	2/14/2022
212842-02-002-11-73	2nd Floor- A239 Physical Therapy	Sprinkler Pipe Thread Sealant	Good	2/14/2022
212842-02-002-11-74	2nd Floor- Physical Therapy Areas	Drywall/Joint Compound	Good	2/14/2022
212842-02-002-11-75	2nd Floor- A239 Physical Therapy	Pink w/ Multi Colors 12x12 FT w/ Yellow Mastic	Good	2/14/2022
212842-02-002-11-76	2nd Floor- A243	White 2x4 Ceiling Tile	Good	2/14/2022
212842-02-002-11-77	2nd Floor- A243	Plaster Material	Good	2/14/2022
212842-02-002-11-78	2nd Floor- A243	Pink w/ Multi Colors 12x12 FT w/ Yellow Mastic	Good	2/14/2022
212842-02-002-11-79	2nd Floor- A252	Light Tan 12x12 FT w/ Yellow Mastic	Good	2/14/2022
212842-02-002-11-80	2nd Floor- A259	Brown 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-81	2nd Floor- A259	Brown 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-82	2nd Floor- Rehab Area Hallways	Plaster Material	Good	2/14/2022
212842-02-002-11-83	2nd Floor- A245	Light Tan 12x12 FT w/ Yellow Mastic	Good	2/14/2022
212842-02-002-11-84	2nd Floor- Impact Clinic (A207-A213 and associated hallway)	Black/Yellow Carpet Mastic	Good	2/14/2022
212842-02-002-11-85	2nd Floor- Impact Clinic (A207-A213 and associated hallway)	Black/Yellow Carpet Mastic	Good	2/14/2022



# Chain of Custody

212842-02-002-11-86	2nd Floor- Impact Clinic	Drywall/Joint Compound	Good	2/14/2022
212842-02-002-11-87	2nd Floor- Impact Clinic	White 2x2 Ceiling Tiles	Good	2/14/2022
212842-02-002-11-88	2nd Floor- Service Elevator Lobby	White w/Gray Streaks 12x12 FT w/ Yellow Mastic	Good	2/14/2022
212842-02-002-11-89	2nd Floor- B201-208	Drywall/Joint Compound	Good	2/14/2022
212842-02-002-11-90	2nd Floor- B220	Tan w/Multi Colors 12x12 FT w/ Yellow Mastic	Good	2/14/2022
212842-02-002-11-91	2nd Floor- B209-B221	White 2x2 Ceiling Tiles	Good	2/14/2022
212842-02-002-11-92	2nd Floor- B221	Gray Troweled on Fireproofing	Good	2/14/2022
212842-02-002-11-93	2nd Floor- B221	Gray Troweled on Fireproofing	Good	2/14/2022
212842-02-002-11-94	2nd Floor- B221	Gray Troweled on Fireproofing	Good	2/14/2022
212842-02-002-11-95	2nd Floor- B238e/d	Brown w/ multi colors 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-96	2nd Floor- B238 e/d	Brown w/ multi colors 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-97	2nd Floor- B238D	Plaster Material (ceiling)	Good	2/14/2022
212842-02-002-11-98	2nd Floor- B238D	Plaster Material (ceiling)	Good	2/14/2022
212842-02-002-11-99	2nd Floor- B238C	Brown w/ multi colors 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-100	2nd Floor- B238C	Plaster Material (ceiling)	Good	2/14/2022
212842-02-002-11-101	2nd Floor- B226-B231 and associated hallway	Pink w/ Multi Colors 12x12 FT w/ Yellow Mastic	Good	2/14/2022
212842-02-002-11-102	2nd Floor- B226-B231 and associated hallway	Drywall/Joint Compound	Good	2/14/2022
212842-02-002-11-103	2nd Floor- B228B to 228G	White w/Gray Streaks 12x12 FT w/ Yellow Mastic	Good	2/14/2022
212842-02-002-11-104	2nd Floor- B228B to 228G	White 2x4 Partition Ceiling Tile	Good	2/14/2022
212842-02-002-11-105	2nd Floor- A235B	Black Mastic	Good	2/14/2022
212842-02-002-11-106	2nd Floor- A235C	Black Mastic	Good	2/14/2022
212842-02-002-11-107	2nd Floor- A235D	Black Mastic	Good	2/14/2022
212842-02-002-11-108	2nd Floor- A235C	Plaster Material (wall)	Good	2/14/2022
212842-02-002-11-109	2nd Floor- A236 Impatient Pharmacy Areas	Light Gray 12x12 FT w/ Yellow Mastic	Good	2/14/2022
212842-02-002-11-110	2nd Floor- A236 Impatient Pharmacy Areas	Light Gray 12x12 FT w/ Yellow Mastic	Good	2/14/2022



# Chain of Custody

212842-02-002-11-111	2nd Floor- A236 Impatient Pharmacy Areas	White Smooth 2x4 Ceiling Tile	Good	2/14/2022
212842-02-002-11-112	2nd Floor- A236 Impatient Pharmacy Areas	White Smooth 2x4 Ceiling Tile	Good	2/14/2022
212842-02-002-11-113	2nd Floor- A236 Impatient Pharmacy Areas, East Half	Tan Spray-on Fireproofing	Good	2/14/2022
212842-02-002-11-114	2nd Floor- A236 Impatient Pharmacy Areas, East Half	Tan Spray-on Fireproofing	Good	2/14/2022
212842-02-002-11-115	2nd Floor- A236 Impatient Pharmacy Areas, East Half	Tan Spray-on Fireproofing	Good	2/14/2022
212842-02-002-11-116	2nd Floor- A236 Impatient Pharmacy Areas	Gray Spray-on Fireproofing	Good	2/14/2022
212842-02-002-11-117	2nd Floor- A236 Impatient Pharmacy Areas	Gray Spray-on Fireproofing	Good	2/14/2022
212842-02-002-11-118	2nd Floor- A236 Impatient Pharmacy Areas	Gray Spray-on Fireproofing	Good	2/14/2022
212842-02-002-11-119	2nd Floor- A236 Impatient Pharmacy Areas	Gray Spray-on Fireproofing	Good	2/14/2022
212842-02-002-11-120	2nd Floor- A236 Impatient Pharmacy Areas	Gray Spray-on Fireproofing	Good	2/14/2022
212842-02-002-11-121	2nd Floor- Hallways	Pink w/ multicolors 12x12 FT w/ Black and Yellow Mastic	Good	2/14/2022
212842-02-002-11-122	2nd Floor- Hallways	Pink w/ multicolors 12x12 FT w/ Black and Yellow Mastic	Good	2/14/2022
212842-02-002-11-123	2nd Floor- Hallways	White 2x4 Partition Ceiling Tile	Good	2/14/2022
212842-02-002-11-124	2nd Floor- Hallways	Sprinkler Pipe Thread Sealant	Good	2/14/2022
212842-02-002-11-125	2nd Floor- Hallways	Sprinkler Pipe Thread Sealant	Good	2/14/2022
212842-02-002-11-126	2nd Floor- Hallway near service elevator lobby	Pipe Hanger Insulation A/W Fiberglass	Good	2/14/2022
212842-02-002-11-127	3rd Floor- A354	Gray w/ Blotches 12x12 FT w/ Yellow and Black Mastic	Good	2/14/2022
212842-02-002-11-128	3rd Floor- A356	Gray w/ Blotches 12x12 FT w/ Yellow and Black Mastic	Good	2/14/2022
212842-02-002-11-129	3rd Floor- A355	Light Blue 12x12 FT w/ Yellow and Black Mastic	Good	2/14/2022
212842-02-002-11-130	3rd Floor- A349	Light Blue 12x12 FT w/ Yellow and Black Mastic	Good	2/14/2022



# Chain of Custody

212842-02-002-11-131	3rd Floor- A346 Mechanical Room	Plaster Material	Good	2/14/2022
212842-02-002-11-132	3rd Floor- A362	Light Blue Sheet Flooring	Good	2/14/2022
212842-02-002-11-133	3rd Floor- A362	Light Blue Sheet Flooring	Good	2/14/2022
212842-02-002-11-134	3rd Floor- A363	Light Blue 12x12 FT w/ Yellow and Black Mastic	Good	2/14/2022
212842-02-002-11-135	3rd Floor- A364	Gray w/ Blotches 12x12 FT w/ Yellow and Black Mastic	Good	2/14/2022
212842-02-002-11-136	3rd Floor- A364	Drywall/Joint Compound	Good	2/14/2022
212842-02-002-11-137	3rd Floor- Hallway from A365 to A355	Tan w/Yellow and Purple 12x12 FT w/ Yellow Mastic	Good	2/14/2022
212842-02-002-11-138	3rd Floor- Hallway from A365 to A355	Tan w/Yellow and Purple 12x12 FT w/ Yellow Mastic	Good	2/14/2022
212842-02-002-11-139	3rd Floor- East Ward (A301 to A335)	Blue w/multi color 12x12 FT w/ Yellow Mastic	Good	2/14/2022
212842-02-002-11-140	3rd Floor- East Ward (A301 to A335)	Blue w/multi color 12x12 FT w/ Yellow Mastic	Good	2/14/2022
212842-02-002-11-141	3rd Floor- East Ward (A301 to A335)	Blue w/multi color 12x12 FT w/ Yellow Mastic	Good	2/14/2022
212842-02-002-11-142	3rd Floor- Room B316	White w/Gray Streaks 12x12 FT w/ Yellow Mastic	Good	2/14/2022
212842-02-002-11-143	3rd Floor- Dental Clinic	Drywall/Joint Compound	Good	2/14/2022
212842-02-002-11-144	3rd Floor- B346	Blue Sheet Flooring w/Black Mastic	Good	2/14/2022
212842-02-002-11-145	3rd Floor- B336	Blue Sheet Flooring w/Black Mastic	Good	2/14/2022
212842-02-002-11-146	3rd Floor- B353	Tan Sheet Flooring w/Black Mastic	Good	2/14/2022
212842-02-002-11-147	3rd Floor- Dental Clinic Hallway	Tan Sheet Flooring w/Black Mastic	Good	2/14/2022
212842-02-002-11-148	3rd Floor- B338	Tan Sheet Flooring w/Black Mastic	Good	2/14/2022
212842-02-002-11-149	3rd Floor- B329	White w/Gray Streaks 12x12 FT w/ Yellow Mastic	Good	2/14/2022
212842-02-002-11-150	3rd Floor- Dental Clinic, Hallway at B339A	Tan w/ Streaks 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-151	3rd Floor- B338	Gray Spray-on Fireproofing	Good	2/14/2022
212842-02-002-11-152	3rd Floor- B338	Gray Spray-on Fireproofing	Good	2/14/2022
212842-02-002-11-153	3rd Floor- B339A	Gray Spray-on Fireproofing	Good	2/14/2022
212842-02-002-11-154	3rd Floor- B339A	Tan/Green 12x12 FT w/ Black Mastic	Good	2/14/2022





# Chain of Custody

212842-02-002-11-155	3rd Floor- B339A	Tan/Green 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-156	3rd Floor- Dental Clinic	White 2x4 Partition Ceiling Tile	Good	2/14/2022
212842-02-002-11-157	3rd Floor- Hallway at B307 to Research Building	Tan Marbled 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-158	3rd Floor- Eye Clinic	Gray Spray-on Fireproofing	Good	2/14/2022
212842-02-002-11-159	3rd Floor- Eye Clinic	Gray Spray-on Fireproofing	Good	2/14/2022
212842-02-002-11-160	3rd Floor- Eye Clinic	Drywall/Joint Compound	Good	2/14/2022
212842-02-002-11-161	3rd Floor- B379	Pink 12x12 FT w/ Yellow Mastic	Good	2/14/2022
212842-02-002-11-162	3rd Floor- B380	Pink 12x12 FT w/ Yellow Mastic	Good	2/14/2022
212842-02-002-11-163	3rd Floor- Eye Clinic Hallway	Tan Marbled 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-164	3rd Floor- B381	Tan Marbled 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-165	3rd Floor- 3B168	Sprinkler Pipe Thread Sealant	Good	2/14/2022
212842-02-002-11-166	3rd Floor- B323	Black Carpet Mastic	Good	2/14/2022
212842-02-002-11-167	3rd Floor- B320	Black Carpet Mastic	Good	2/14/2022
212842-02-002-11-168	3rd Floor- Hallways/Elevator Lobby	Tan Marbled 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-169	3rd Floor- Hallways/Elevator Lobby	Tan Marbled 12x12 FT w/ Black Mastic	Good	2/14/2022
212842-02-002-11-170	3rd Floor- Hallways/Elevator Lobby	Wrap A/W Fiberglass Pipe Elbows	Good	2/14/2022
212842-02-002-11-171	3rd Floor- Hallways/Elevator Lobby	Wrap A/W Fiberglass Pipe Elbows	Good	2/14/2022
212842-02-002-11-172	3rd Floor- Hallways/Elevator Lobby	Pipe Hanger Insulation A/W Fiberglass	Good	2/14/2022
212842-02-002-11-173	3rd Floor- Hallways/Elevator Lobby	Pipe Hanger Insulation A/W Fiberglass	Good	2/14/2022
212842-02-002-11-174	3rd Floor- Hallway	Compressed Paper Pipe Insulation	Good	2/14/2022
212842-02-002-11-175	3rd Floor- Hallway	Compressed Paper Pipe Insulation	Good	2/14/2022
212842-02-002-11-176	3rd Floor- Hallways/Elevator Lobby	Plaster Material	Good	2/14/2022
212842-02-002-11-177	3rd Floor- Hallways/Elevator Lobby	Sprinkler Pipe Thread Sealant	Good	2/14/2022

Sample Count 177

Handling Chain Type	Handled By	Date	Time	Notes
Report Results To	Melissa Billingsley	1/25/2022		





# Chain of Custody

Send Reports To	VAMC - Philadelphia VA	1/25/2022	
Samples Taken By	Craig Gratz	1/25/2022	08:45
Samples Taken By	Craig Gratz	1/26/2022	09:00
Samples Taken By	Craig Gratz	1/27/2022	08:30
Samples Taken By	Craig Gratz	1/28/2022	08:45
Samples Taken By	Craig Gratz	1/31/2022	08:45
Samples Taken By	Craig Gratz	2/1/2022	08:30
Transported By	Craig Gratz	2/1/2022	16:00
Relinquished By	Craig Gratz	2/14/2022	08:00
Received By	Hazel Karaturk	2/14/2022	09:56
Analyzed By	Lauren Mitchell	3/10/2022	12:10
Analyzed By	Collin Marrs	3/10/2022	12:47
Reviewed By	Andrew Schwab	3/10/2022	13:05



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenzo VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/10/2022</u>
Project #	<u>212842</u>		<u>Building 1 - A/E Wing</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin</u>	Sample Analysis Date(s)	<u>3/22/2022</u> <u>3/23/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-14-01</b> Gray 12x12 FT w/ Yellow Mastic Basement- Closet next to GC113	Gray Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-14-01</b> Gray 12x12 FT w/ Yellow Mastic Basement- Closet next to GC113	Yellow Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-14-02</b> Gray 12x12 FT w/ Yellow Mastic Basement- Closet next to GC113	Gray Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-14-02</b> Gray 12x12 FT w/ Yellow Mastic Basement- Closet next to GC113	Yellow Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-14-03</b> Gray Spray-on Fireproofing Basement- GC104 Fiscal Areas	Gray Fireproofing	1	Fiber Glass - 85%	15%	None Detected	---
<b>212842-02-002-14-04</b> Gray Spray-on Fireproofing Basement- GC104 Fiscal Areas	Gray Fireproofing	1	Fiber Glass - 85%	15%	None Detected	---
<b>212842-02-002-14-05</b> Gray Spray-on Fireproofing Basement- Hallway	Gray Fireproofing	1	Fiber Glass - 85%	15%	None Detected	---
<b>212842-02-002-14-06</b> White 2x4 Ceiling Tile Basement- Hallway	White Ceiling Tile	1	Cellulose - 35% Fiber Glass - 15%	50%	None Detected	---
<b>212842-02-002-14-07</b> Drywall/Joint Compound Basement- Hallway	Gray Drywall <sup>1</sup>	1	Cellulose - 3% Fiber Glass - 3%	94%	None Detected	---
<b>212842-02-002-14-08</b> Off-White 2x4 Ceiling Tile w/ Panels Basement- Library Offices	White Ceiling Tile	1	Cellulose - 35% Fiber Glass - 10%	55%	None Detected	---



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/10/2022</u>
Project #	<u>212842</u>		<u>Building 1- A/E Wing</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin</u>	Sample Analysis Date(s)	<u>3/22/2022</u> <u>3/23/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-14-09</b> Off-White 2x4 Ceiling Tile w/ Panels Basement- Library Offices	White Ceiling Tile	1	Cellulose - 35% Fiber Glass - 15%	50%	None Detected	---
<b>212842-02-002-14-10</b> Gray Sink Mastic Basement- GC121 library break area	Gray Sink Mastic	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-14-11</b> Gray Spray-on Fireproofing Basement- Library Areas	Gray Fireproofing	1	Fiber Glass - 85%	15%	None Detected	---
<b>212842-02-002-14-12</b> Gray Spray-on Fireproofing Basement- Library Areas	Gray Fireproofing	1	Fiber Glass - 85%	15%	None Detected	---
<b>212842-02-002-14-13</b> Gray Spray-on Fireproofing Basement- Library Areas	Gray Fireproofing	1	Fiber Glass - 85%	15%	None Detected	---
<b>212842-02-002-14-14</b> Gray Spray-on Fireproofing Basement- Small side Hallway	Gray Fireproofing	1	Fiber Glass - 85%	15%	None Detected	---
<b>212842-02-002-14-15</b> White 2x2 Ceiling Tiles Basement- GC104 Fiscal Areas	White Ceiling Tile	1	Cellulose - 35% Fiber Glass - 15%	50%	None Detected	---
<b>212842-02-002-14-16</b> Sprinkler Thread Sealant Basement- Hallway	Gray Sealant	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-14-17</b> Drywall/Joint Compound Basement- Library	Gray Drywall <sup>2</sup>	1	Cellulose - 3% Fiber Glass - 3%	94%	None Detected	---
<b>212842-02-002-14-18</b> Gray Spray-on Fireproofing Basement- GC126			---	---	---	---



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenzo VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/10/2022</u>
Project #	<u>212842</u>		<u>Building 1 - A/E Wing</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin</u>	Sample Analysis Date(s)	<u>3/22/2022</u> <u>3/23/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-14-19</b> White w/ Tan Streaks 12x12 FT w/ Black Mastic Basement- GC126	White Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-14-19</b> White w/ Tan Streaks 12x12 FT w/ Black Mastic Basement- GC126	Black Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-14-20</b> White w/ Tan Streaks 12x12 FT w/ Black Mastic Basement- GC126	White Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-14-20</b> White w/ Tan Streaks 12x12 FT w/ Black Mastic Basement- GC126	Black Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-14-21</b> Gray Spray-on Fireproofing 1st Floor- Hallway	Gray Fireproofing	1	Fiber Glass - 85%	15%	None Detected	---
<b>212842-02-002-14-22</b> Gray Spray-on Fireproofing 1st Floor- 1C100	Gray Fireproofing	1	Fiber Glass - 85%	15%	None Detected	---
<b>212842-02-002-14-23</b> Gray Spray-on Fireproofing 1st Floor- 1C122	Gray Fireproofing	1	Fiber Glass - 85%	15%	None Detected	---
<b>212842-02-002-14-24</b> Drywall/Joint Compound 1st Floor- 1C100	Gray Drywall <sup>3</sup>	1	Cellulose - 3% Fiber Glass - 3%	94%	None Detected	---
<b>212842-02-002-14-25</b> White 2x4 Ceiling Tile 1st Floor- 1C100	White Ceiling Tile	1	Cellulose - 35% Fiber Glass - 15%	50%	None Detected	---
<b>212842-02-002-14-26</b> White 2x4 Ceiling Tile 1st Floor- Hallway	White Ceiling Tile	1	Cellulose - 35% Fiber Glass - 15%	50%	None Detected	---



# Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenzo VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/10/2022</u>
Project #	<u>212842</u>		<u>Building 1- A/E Wing</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin</u>	Sample Analysis Date(s)	<u>3/22/2022</u> <u>3/23/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-14-27</b> Gray Spray-on Fireproofing 1st Floor- Chief of Staff Areas	Gray Fireproofing	1	Fiber Glass - 85%	15%	None Detected	---
<b>212842-02-002-14-28</b> Gray Spray-on Fireproofing 1st Floor- 1C125	Gray Fireproofing	1	Fiber Glass - 85%	15%	None Detected	---
<b>212842-02-002-14-29</b> Drywall/Joint Compound 1st Floor- 1C122 Area	Gray Drywall	1	Cellulose - 3% Fiber Glass - 2%	95%	None Detected	---
<b>212842-02-002-14-29</b> Drywall/Joint Compound 1st Floor- 1C122 Area	White Joint Compound	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-14-30</b> Sprinkler Thread Sealant 1st Floor- 1C125	Tan Sealant	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-14-31</b> Gray 12x12 FT w/ Yellow Mastic 1st Floor- 1C118	Tan Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-14-31</b> Gray 12x12 FT w/ Yellow Mastic 1st Floor- 1C118	Yellow Mastic	2	Cellulose - 5%	95%	None Detected	---

Sample Count 30

1 - No Joint Compound  
2 - No Joint Compound  
3 - No Joint Compound



# Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/10/2022</u>
Project #	<u>212842</u>		<u>Building 1- A/E Wing</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Marrs, Collin</u>	Sample Analysis Date(s)	<u>3/22/2022</u> <u>3/23/2022</u>

James A. Weltz, CIH, Technical Director

Criterion Laboratories, Inc. bears no responsibility for sample collection activities of non-Criterion personnel. Results apply to sample(s) as received. This report relates only to the samples reported above, and when reproduced, must be in its entirety. Estimated accuracy, precision and uncertainty data available on request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting Limit is 1%. QC data associated with this sample set is within acceptable limits. Samples were received in good condition, unless otherwise noted.

Note: If your project number ends with an "R", it is a revised report and replaces the original document in full. The above results represent the analysis of bulk sample(s) by Criterion Laboratories, Inc. according to EPA 40 CFR Part 763 Appendix E to Subpart E - Polarized Light Microscopy. The concentration of asbestos is determined by visual estimation.



Criterion Laboratories, Inc. (ID 100424) is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the IHLAP; EMLAP and ELLAP accreditation programs for Polarized Light Microscopy (PLM), Phase Contrast Microscopy (PCM); Air-Direct Examination; and Airborne Dust, Paint, Settled Dust by Wipe and Soil for Fields of Testing as documented by the Scope of Accreditation Certificate and associated Scope. Additionally, Criterion Laboratories, Inc. is certified by the Center for Disease Control (CDC) Environmental Legionella Isolation Techniques Evaluation (ELITE) Program for the determination of Legionella in water by culture and holds accreditation from the National Voluntary Laboratory Accreditation Program (NVLAP ID 102046-0) for the determination of asbestos in bulk samples by Polarized Light Microscopy (PLM). This test report must not be used to claim product endorsement by NVLAP, NIST, AIHA or any agency of the US Government. Unless specifically listed as above, these test results are not covered under AIHA-LAP, LLC, 100424 accreditation.

**THIS IS THE LAST PAGE OF THE REPORT**



# Chain of Custody

**Matrix** Bulk/Building Material  
**Analyte** Asbestos  
**Analysis Type** PLM  
**Container** Bag  
**Project** 212842  
**Client** VAMC - Philadelphia VA  
**Site Address** Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551  
**Location** Building 1- A/E Wing  
**Turnaround** 3 - 5 Days  
**Field Tech** Craig Gratz  
**Sample Notes** fiberglass pipe and duct insulation observed above ceilings.  
**Chain of Custody Notes**

## Additional Analytes

Sample Number	Location	Material Description	Received Condition	Date	Notes
212842-02-002-14-01	Basement- Closet next to GC113	Gray 12x12 FT w/ Yellow Mastic	Good	3/7/2022	
212842-02-002-14-02	Basement- Closet next to GC113	Gray 12x12 FT w/ Yellow Mastic	Good	3/7/2022	
212842-02-002-14-03	Basement- GC104 Fiscal Areas	Gray Spray-on Fireproofing	Good	3/7/2022	
212842-02-002-14-04	Basement- GC104 Fiscal Areas	Gray Spray-on Fireproofing	Good	3/7/2022	
212842-02-002-14-05	Basement- Hallway	Gray Spray-on Fireproofing	Good	3/7/2022	
212842-02-002-14-06	Basement- Hallway	White 2x4 Ceiling Tile	Good	3/7/2022	
212842-02-002-14-07	Basement- Hallway	Drywall/Joint Compound	Good	3/7/2022	
212842-02-002-14-08	Basement- Library Offices	Off-White 2x4 Ceiling Tile w/ Panels	Good	3/7/2022	
212842-02-002-14-09	Basement- Library Offices	Off-White 2x4 Ceiling Tile w/ Panels	Good	3/7/2022	
212842-02-002-14-10	Basement- GC121 library break area	Gray Sink Mastic	Good	3/7/2022	
212842-02-002-14-11	Basement- Library Areas	Gray Spray-on Fireproofing	Good	3/7/2022	
212842-02-002-14-12	Basement- Library Areas	Gray Spray-on Fireproofing	Good	3/7/2022	
212842-02-002-14-13	Basement- Library Areas	Gray Spray-on Fireproofing	Good	3/7/2022	



# Chain of Custody

212842-02-002-14-14	Basement- Small side Hallway	Gray Spray-on Fireproofing	Good	3/7/2022
212842-02-002-14-15	Basement- GC104 Fiscal Areas	White 2x2 Ceiling Tiles	Good	3/7/2022
212842-02-002-14-16	Basement- Hallway	Sprinkler Thread Sealant	Good	3/7/2022
212842-02-002-14-17	Basement- Library	Drywall/Joint Compound	Good	3/7/2022
212842-02-002-14-18	Basement- GC126	Gray Spray-on Fireproofing	Sample Not Received	3/7/2022
212842-02-002-14-19	Basement- GC126	White w/ Tan Streaks 12x12 FT w/ Black Mastic	Good	3/7/2022
212842-02-002-14-20	Basement- GC126	White w/ Tan Streaks 12x12 FT w/ Black Mastic	Good	3/7/2022
212842-02-002-14-21	1st Floor- Hallway	Gray Spray-on Fireproofing	Good	3/7/2022
212842-02-002-14-22	1st Floor- 1C100	Gray Spray-on Fireproofing	Good	3/7/2022
212842-02-002-14-23	1st Floor- 1C122	Gray Spray-on Fireproofing	Good	3/7/2022
212842-02-002-14-24	1st Floor- 1C100	Drywall/Joint Compound	Good	3/7/2022
212842-02-002-14-25	1st Floor- 1C100	White 2x4 Ceiling Tile	Good	3/7/2022
212842-02-002-14-26	1st Floor- Hallway	White 2x4 Ceiling Tile	Good	3/7/2022
212842-02-002-14-27	1st Floor- Chief of Staff Areas	Gray Spray-on Fireproofing	Good	3/7/2022
212842-02-002-14-28	1st Floor- 1C125	Gray Spray-on Fireproofing	Good	3/7/2022
212842-02-002-14-29	1st Floor- 1C122 Area	Drywall/Joint Compound	Good	3/7/2022
212842-02-002-14-30	1st Floor- 1C125	Sprinkler Thread Sealant	Good	3/7/2022
212842-02-002-14-31	1st Floor- 1C118	Gray 12x12 FT w/ Yellow Mastic	Good	3/7/2022

**Sample Count** 30

Handling Chain Type	Handled By	Date	Time	Notes
Report Results To	Melissa Billingsley	2/10/2022		
Send Reports To	VAMC - Philadelphia VA	2/10/2022		
Samples Taken By	Craig Gratz	2/10/2022	08:30	
Transported By	Craig Gratz	2/15/2022	16:00	
Relinquished By	Craig Gratz	3/6/2022	15:00	
Received By	Michael Hess	3/7/2022	09:04	
Analyzed By	Collin Marrs	3/23/2022	11:20	
Reviewed By	Andrew Schwab	3/23/2022	13:58	





# Results of Polarized Light Microscopy

Client <u>VAMC - Philadelphia VA</u> Project # <u>212842</u> Collected By <u>Criterion Laboratories, Inc.</u>	Site Address <u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551 Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.</u> Analyzed By <u>Flynn, Alexander Ford, Kyla Marris, Collin Schwab, Andrew</u>	Sample Date <u>2/11/2022</u> Sample Received Date <u>3/7/2022</u> Sample Analysis Date(s) <u>4/14/2022 4/15/2022 5/12/2022 5/13/2022 5/18/2022 5/5/2022 5/6/2022</u>
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Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-15-01</b> Black/Yellow Carpet Mastic 9th Floor- B901 to B911 Office Wing	Yellow Mastic	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-01</b> Black/Yellow Carpet Mastic 9th Floor- B901 to B911 Office Wing	Black Mastic	2	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-02</b> Black/Yellow Carpet Mastic 9th Floor- B901 to B911 Office Wing	Yellow Mastic	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-02</b> Black/Yellow Carpet Mastic 9th Floor- B901 to B911 Office Wing	Black Mastic	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-03</b> Drywall/Joint Compound 9th Floor- B901 to B911 Office Wing	White Drywall	1	Cellulose - 2% Fiber Glass - 5%	93%	None Detected	---
<b>212842-02-002-15-03</b> Drywall/Joint Compound 9th Floor- B901 to B911 Office Wing	White Joint Compound 1	2	Cellulose - 10%	90%	None Detected	---
<b>212842-02-002-15-04</b> Sprinkler Thread Sealant 9th Floor- B901 to B911 Office Wing	Yellow/Brown Mastic <sup>2</sup>	1	Cellulose - 7%	93%	None Detected	---
<b>212842-02-002-15-05</b> Gray w/ Streaks 12x12 FT w/ Black Mastic 9th Floor- B905	Gray Tile	1	Cellulose - 2%	98%	None Detected	---



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/11/2022</u>
Project #	<u>212842</u>		<u>Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/14/2022 4/15/2022 5/12/2022 5/13/2022 5/18/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-15-05</b> Gray w/ Streaks 12x12 FT w/ Black Mastic 9th Floor- B905	Black Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-15-06</b> Gray w/ Streaks 12x12 FT w/ Black Mastic 9th Floor- B905	Gray Tile	1	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-15-06</b> Gray w/ Streaks 12x12 FT w/ Black Mastic 9th Floor- B905	Black Mastic <sup>3</sup>	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-15-07</b> Black/Yellow Carpet Mastic 9th Floor- B901 to B911 Office Wing	Black/Yellow Mastic <sup>4</sup>	1	Cellulose - 10%	90%	None Detected	---
<b>212842-02-002-15-08</b> White 2x4 Ceiling Tile w/ Pinholes 9th Floor- B901 to B911 Office Wing	Light Gray Ceiling Tile	1	Cellulose - 50%	50%	None Detected	---
<b>212842-02-002-15-09</b> White 2x4 Ceiling Tile w/ Pinholes 9th Floor- B901 to B911 Office Wing	Light Gray Ceiling Tile	1	Cellulose - 45%	55%	None Detected	---
<b>212842-02-002-15-10</b> Black/Yellow Carpet Mastic 9th Floor- A936 Computer Lab	Black/Yellow Mastic	1	Cellulose - 6%	94%	None Detected	---
<b>212842-02-002-15-11</b> Black Mastic 9th Floor- A928	Black Mastic	1	Cellulose - 3%	97%	None Detected	---



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/11/2022</u>
Project #	<u>212842</u>		<u>Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/14/2022 4/15/2022 5/12/2022 5/13/2022 5/18/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-15-12</b> Plaster Material (wall) 9th Floor- A928	Gray Plaster	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-12</b> Plaster Material (wall) 9th Floor- A928	White Plaster	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-13</b> Gray 9x9 FT w/ Black Mastic 9th Floor- A927/A926	Gray Tile	1	None Detected	92%	Chrysotile	8%
<b>212842-02-002-15-13</b> Gray 9x9 FT w/ Black Mastic 9th Floor- A927/A926	Black Mastic	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-14</b> Plaster Material (wall) 9th Floor- A927/A926	Gray Plaster	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-14</b> Plaster Material (wall) 9th Floor- A927/A926	White Plaster	2	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-15</b> Gray Leveler w/ Black Mastic 9th Floor- A931	Gray Leveling Compound	1	Cellulose - 17%	83%	None Detected	---
<b>212842-02-002-15-15</b> Gray Leveler w/ Black Mastic 9th Floor- A931	Black Mastic	2	Cellulose - 3%	97%	None Detected	---



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenzo VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/11/2022</u>
Project #	<u>212842</u>		<u>Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/14/2022 4/15/2022 5/12/2022 5/13/2022 5/18/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-15-15</b> Gray Leveler w/ Black Mastic 9th Floor- A931	Yellow Mastic	3	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-16</b> Gray Leveler w/ Black Mastic 9th Floor- A931	Gray Leveling Compound	1	Cellulose - 15%	85%	None Detected	---
<b>212842-02-002-15-16</b> Gray Leveler w/ Black Mastic 9th Floor- A931	Black Mastic <sup>5</sup>	2	---	---	---	---
<b>212842-02-002-15-16</b> Gray Leveler w/ Black Mastic 9th Floor- A931	Yellow Mastic	3	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-17</b> White Wrap A/W Drain Pipe 9th Floor- A931	Beige Pipe Wrapping	1	Cellulose - 40%	60%	None Detected	---
<b>212842-02-002-15-18</b> White Wrap A/W Drain Pipe 9th Floor- A931	Beige Pipe Wrapping	1	Cellulose - 45%	55%	None Detected	---
<b>212842-02-002-15-19</b> Drywall/Joint Compound 9th Floor- A952	White Drywall	1	Cellulose - 3% Fiber Glass - 5%	92%	None Detected	---
<b>212842-02-002-15-19</b> Drywall/Joint Compound 9th Floor- A952	White Joint Compound	2	Cellulose - 3%	97%	None Detected	---



## Results of Polarized Light Microscopy

Client <u>VAMC - Philadelphia VA</u> Project # <u>212842</u> Collected By <u>Criterion Laboratories, Inc.</u>	Site Address <u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551 Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.</u> Analyzed By <u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Date <u>2/11/2022</u> Sample Received Date <u>3/7/2022</u> Sample Analysis Date(s) <u>4/14/2022 4/15/2022 5/12/2022 5/13/2022 5/18/2022 5/5/2022 5/6/2022</u>
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Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-15-20</b> Black/Yellow Carpet Mastic 9th Floor- A952	Black/Yellow Mastic <sup>6</sup>	1	Cellulose - 8%	92%	None Detected	---
<b>212842-02-002-15-21</b> Black/Yellow Carpet Mastic 9th Floor- A952	Black/Yellow Mastic <sup>7</sup>	1	Cellulose - 10%	90%	None Detected	---
<b>212842-02-002-15-22</b> White 2x4 Ceiling Tile 9th Floor- A946a	Beige Ceiling Tile	1	Cellulose - 65%	35%	None Detected	---
<b>212842-02-002-15-23</b> Black/Yellow Carpet Mastic 9th Floor- A946a	Black/yellow Mastic	1	Cellulose - 12%	88%	None Detected	---
<b>212842-02-002-15-24</b> Sprinkler Thread Sealant 9th Floor- A954	Yellow/Brown Sealant	1	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-15-24</b> Sprinkler Thread Sealant 9th Floor- A954	Yellow/Grey Backing	2	Cellulose - 2% Fiber Glass - 75%	23%	None Detected	---
<b>212842-02-002-15-25</b> Off-White w/ Multi Colors 12x12 FT w/ Black Mastic 9th Floor- A945	White Tile	1	Cellulose - 2%	98%	None Detected	---



## Results of Polarized Light Microscopy

<b>Client</b>	<u>VAMC - Philadelphia VA</u>	<b>Site Address</b>		<b>Sample Date</b>	<u>2/11/2022</u>
<b>Project #</b>	<u>212842</u>			<b>Sample Received Date</b>	<u>3/7/2022</u>
<b>Collected By</b>	<u>Criterion Laboratories, Inc.</u>	<b>Analyzed By</b>		<b>Sample Analysis Date(s)</b>	<u>4/14/2022</u> <u>4/15/2022</u> <u>5/12/2022</u> <u>5/13/2022</u> <u>5/18/2022</u> <u>5/5/2022</u> <u>5/6/2022</u>
			<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551 Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.</u>		
			<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>		

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-15-25</b> Off-White w/ Multi Colors 12x12 FT w/ Black Mastic 9th Floor- A945	Black Mastic <sup>8</sup>	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-26</b> Off-White w/ Multi Colors 12x12 FT w/ Black Mastic and gray leveler 9th Floor- Hallway from A945 to A958	White Floor Tile	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-26</b> Off-White w/ Multi Colors 12x12 FT w/ Black Mastic and gray leveler 9th Floor- Hallway from A945 to A958	Black Mastic	2	Cellulose - 2% Fiber Glass - 1%	97%	None Detected	---
<b>212842-02-002-15-26</b> Off-White w/ Multi Colors 12x12 FT w/ Black Mastic and gray leveler 9th Floor- Hallway from A945 to A958	Gray Leveling Compound	3	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-15-27</b> Off-White w/ Multi Colors 12x12 FT w/ Black Mastic 9th Floor- A955	White Floor Tile	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-27</b> Off-White w/ Multi Colors 12x12 FT w/ Black Mastic 9th Floor- A955	Black & Gray Mastic & Leveling Compound <sup>9</sup>	2	Cellulose - 5% Fiber Glass - 1%	94%	None Detected	---



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/11/2022</u>
Project #	<u>212842</u>		<u>Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/14/2022 4/15/2022 5/12/2022 5/13/2022 5/18/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-15-28</b> Off-White w/ Multi Colors 12x12 FT w/ Black Mastic and gray leveler 9th Floor- Service Elevator Lobby	White Floor Tile	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-28</b> Off-White w/ Multi Colors 12x12 FT w/ Black Mastic and gray leveler 9th Floor- Service Elevator Lobby	Black Mastic	2	Cellulose - 4% Fiber Glass - 1%	95%	None Detected	---
<b>212842-02-002-15-28</b> Off-White w/ Multi Colors 12x12 FT w/ Black Mastic and gray leveler 9th Floor- Service Elevator Lobby	Gray Leveling Compound	3	Cellulose - 7%	93%	None Detected	---
<b>212842-02-002-15-29</b> White 12x12 FT w/ Black Mastic 9th Floor- A938	White Floor Tile	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-29</b> White 12x12 FT w/ Black Mastic 9th Floor- A938	Black Mastic	2	Cellulose - 3% Fiber Glass - 1%	96%	None Detected	---
<b>212842-02-002-15-29</b> White 12x12 FT w/ Black Mastic 9th Floor- A938	Yellow Mastic	3	Cellulose - 3% Fiber Glass - 1%	96%	None Detected	---
<b>212842-02-002-15-30</b> Plaster Material (wall) 9th Floor- Elevator Lobby	Gray Plaster	1	Cellulose - 3%	97%	None Detected	---



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenzo VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/11/2022</u>
Project #	<u>212842</u>		<u>Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/14/2022 4/15/2022 5/12/2022 5/13/2022 5/18/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-15-30</b> Plaster Material (wall) 9th Floor- Elevator Lobby	White Plaster	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-31</b> Blue Marbled/Tan 12x12 FT w/ Black Mastic and Gray Leveler 9th Floor- Elevator Lobby	Blue Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-31</b> Blue Marbled/Tan 12x12 FT w/ Black Mastic and Gray Leveler 9th Floor- Elevator Lobby	Black Mastic	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-15-31</b> Blue Marbled/Tan 12x12 FT w/ Black Mastic and Gray Leveler 9th Floor- Elevator Lobby	Gray Leveling Compound	3	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-15-32</b> Blue Marbled/Tan 12x12 FT w/ Black Mastic and Gray Leveler 9th Floor- Elevator Lobby	Gray Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-32</b> Blue Marbled/Tan 12x12 FT w/ Black Mastic and Gray Leveler 9th Floor- Elevator Lobby	Black Mastic	2	Cellulose - 5%	95%	None Detected	---





## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/11/2022</u>
Project #	<u>212842</u>		<u>Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/14/2022 4/15/2022 5/12/2022 5/13/2022 5/18/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-15-32</b> Blue Marbled/Tan 12x12 FT w/ Black Mastic and Gray Leveler 9th Floor- Elevator Lobby	Gray Leveling Compound	3	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-15-32</b> Blue Marbled/Tan 12x12 FT w/ Black Mastic and Gray Leveler 9th Floor- Elevator Lobby	Tan Tile	4	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-33</b> White 2x4 Rough Texture Ceiling tile 9th Floor- Women's Health Clinic	White Ceiling Tile	1	Cellulose - 45% Fiber Glass - 45%	10%	None Detected	---
<b>212842-02-002-15-34</b> Drywall/Joint Compound 9th Floor- Women's Health Clinic	Gray Drywall	1	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-15-34</b> Drywall/Joint Compound 9th Floor- Women's Health Clinic	White Joint Compound	2	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-35</b> White/Gray Sheet Flooring w/ Black Mastic 9th Floor- A913	Tan Flooring	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-35</b> White/Gray Sheet Flooring w/ Black Mastic 9th Floor- A913	Black/Gray Mastic with Leveling Compound	2	Cellulose - 4%	96%	None Detected	---



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/11/2022</u>
Project #	<u>212842</u>		<u>Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/14/2022 4/15/2022 5/12/2022 5/13/2022 5/18/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-15-36</b> White/Gray Sheet Flooring w/ Black Mastic 9th Floor- Women's Health Nurse's Station	Gray Flooring	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-36</b> White/Gray Sheet Flooring w/ Black Mastic 9th Floor- Women's Health Nurse's Station	Black/Gray Mastic with Leveling Compound <sup>10</sup>	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-15-37</b> Black Interior Window Caulking Penthouse	Black Caulking	1	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-15-38</b> Black Interior Window Caulking Penthouse	Black Caulking	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-39</b> Gray Door Caulking Penthouse- West Door	Black Caulking	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-40</b> Gray Door Caulking Penthouse- West Door	Gray Caulking	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-41</b> Drywall/Joint Compound Penthouse- Upper Level	Gray Drywall	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-41</b> Drywall/Joint Compound Penthouse- Upper Level	White Joint Compound	2	Cellulose - 4%	96%	None Detected	---



# Results of Polarized Light Microscopy

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Project #	<u>212842</u>		<u>Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/14/2022 4/15/2022 5/12/2022 5/13/2022 5/18/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-15-42</b> Plaster A/W Tank Interior Penthouse- Upper Level	Green Plaster	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-42</b> Plaster A/W Tank Interior Penthouse- Upper Level	Black Mastic	2	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-43</b> Plaster A/W Tank Interior Penthouse- Upper Level	Green Plaster	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-43</b> Plaster A/W Tank Interior Penthouse- Upper Level	Black Mastic	2	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-44</b> Plaster A/W Tank Interior Penthouse- Upper Level	Green Plaster	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-45</b> White Paper Duct Insulation Stairway #1- Penthouse Level, above hard ceiling	Brown Insulation	1	Cellulose - 10% Fiber Glass - 85%	5%	None Detected	---
<b>212842-02-002-15-46</b> White Paper Duct Insulation Stairway #1- Penthouse Level, above hard ceiling	Brown Insulation	1	Fiber Glass - 85% Cellulose - 10%	5%	None Detected	---



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/11/2022</u>
Project #	<u>212842</u>		<u>Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/14/2022 4/15/2022 5/12/2022 5/13/2022 5/18/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-15-47</b> White Paper Duct Insulation Stairway #1- Penthouse Level, above hard ceiling	Brown Insulation	1	Fiber Glass - 90%	10%	None Detected	---
<b>212842-02-002-15-47</b> White Paper Duct Insulation Stairway #1- Penthouse Level, above hard ceiling	Brown Paper Insulation	2	Cellulose - 95%	5%	None Detected	---
<b>212842-02-002-15-48</b> Block Pipe Insulation Stairway #1- Penthouse Level, above hard ceiling	White Pipe Insulation	1	None Detected	40%	Chrysotile Amosite	35% 25%
<b>212842-02-002-15-49</b> Black Damp Proofing 1st Floor- A160 to A163 Patient Advocate Area	Black Mastic	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-49</b> Black Damp Proofing 1st Floor- A160 to A163 Patient Advocate Area	Gray Plaster	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-15-50</b> Plaster Material (wall) 1st Floor- A160 to A163 Patient Advocate Area	Gray Plaster	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-50</b> Plaster Material (wall) 1st Floor- A160 to A163 Patient Advocate Area	White Plaster	2	Cellulose - 1%	99%	None Detected	---



## Results of Polarized Light Microscopy

<b>Client</b>	<u>VAMC - Philadelphia VA</u>	<b>Site Address</b>		<b>Sample Date</b>	<u>2/11/2022</u>
<b>Project #</b>	<u>212842</u>		<i>Department of Veterans Affairs - Corporal Michael J. Crescenzo VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</i>	<b>Sample Received Date</b>	<u>3/7/2022</u>
			<i>Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.</i>		
<b>Collected By</b>	<u>Criterion Laboratories, Inc.</u>	<b>Analyzed By</b>	<u>Flynn, Alexander</u>	<b>Sample Analysis Date(s)</b>	<u>4/14/2022</u>
			<u>Ford, Kyla</u>		<u>4/15/2022</u>
			<u>Marrs, Collin</u>		<u>5/12/2022</u>
			<u>Schwab, Andrew</u>		<u>5/13/2022</u>
					<u>5/18/2022</u>
					<u>5/5/2022</u>
					<u>5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-15-51</b> Black Carpet Mastic 1st Floor- A160 to A163 Patient Advocate Area	Yellow Mastic	1	Cellulose - 2% Fiber Glass - 1%	97%	None Detected	---
<b>212842-02-002-15-51</b> Black Carpet Mastic 1st Floor- A160 to A163 Patient Advocate Area	Black Mastic	2	Cellulose - 2% Fiber Glass - 1%	97%	None Detected	---
<b>212842-02-002-15-51</b> Black Carpet Mastic 1st Floor- A160 to A163 Patient Advocate Area	Gray Cement	3	Cellulose - 1% Fiber Glass - 1%	98%	None Detected	---
<b>212842-02-002-15-52</b> Black Carpet Mastic 1st Floor- A160 to A163 Patient Advocate Area	Black & Yellow Mastic	1	Cellulose - 2% Fiber Glass - 1%	97%	None Detected	---
<b>212842-02-002-15-52</b> Black Carpet Mastic 1st Floor- A160 to A163 Patient Advocate Area	Black Mastic	2	Cellulose - 2% Fiber Glass - 1%	97%	None Detected	---
<b>212842-02-002-15-52</b> Black Carpet Mastic 1st Floor- A160 to A163 Patient Advocate Area	Gray Cement	3	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-53</b> Sprinkler Thread Sealant 1st Floor- A161	Gray Thread Sealant	1	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-15-54</b> Light Tan 12x12 FT w/ Yellow Mastic 1st Floor- Patient Advocate Area Break Area	Tan Floor Tile	1	Cellulose - 1%	99%	None Detected	---



# Results of Polarized Light Microscopy

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Project #	<u>212842</u>		<u>Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/14/2022 4/15/2022 5/12/2022 5/13/2022 5/18/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-15-54</b> Light Tan 12x12 FT w/ Yellow Mastic 1st Floor- Patient Advocate Area Break Area	Yellow Mastic	2	Cellulose - 2% Fiber Glass - 1%	97%	None Detected	---
<b>212842-02-002-15-54</b> Light Tan 12x12 FT w/ Yellow Mastic 1st Floor- Patient Advocate Area Break Area	Gray Leveling	3	Cellulose - 1% Fiber Glass - 1%	98%	None Detected	---
<b>212842-02-002-15-55</b> Light Tan 12x12 FT w/ Yellow Mastic 1st Floor- Patient Advocate Area Break Area	Tan Floor Tile	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-55</b> Light Tan 12x12 FT w/ Yellow Mastic 1st Floor- Patient Advocate Area Break Area	Yellow Mastic	2	Cellulose - 2% Fiber Glass - 1%	97%	None Detected	---
<b>212842-02-002-15-55</b> Light Tan 12x12 FT w/ Yellow Mastic 1st Floor- Patient Advocate Area Break Area	Gray Leveler	3	Cellulose - 2% Fiber Glass - 1%	97%	None Detected	---
<b>212842-02-002-15-56</b> Black Carpet Mastic 1st Floor- A174i	Black & Yellow Mastic	1	Cellulose - 3% Fiber Glass - 1%	96%	None Detected	---
<b>212842-02-002-15-57</b> Block Pipe Insulation 1st Floor- A177 Board Room, above ceiling and in wall	White Pipe Insulation	1	None Detected	65%	Chrysotile Amosite	20% 15%
<b>212842-02-002-15-58</b> Black Damp Proofing 1st Floor- A177 Board Room,	Black Damp Proofing	1	Cellulose - 3% Fiber Glass - 1%	96%	None Detected	---



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Project #	<u>212842</u>		<u>Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/14/2022 4/15/2022 5/12/2022 5/13/2022 5/18/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-15-58</b> Black Damp Proofing 1st Floor- A177 Board Room,	Gray Cement	2	Cellulose - 1% Fiber Glass - 1%	98%	None Detected	---
<b>212842-02-002-15-59</b> Plaster Material (wall) 1st Floor- A177 Board Room,	Gray Plaster	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-59</b> Plaster Material (wall) 1st Floor- A177 Board Room,	White Plaster	2	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-60</b> Tan w/ Streaks / Red 12x12 FT w/Black Mastic 1st Floor- Hallway from A153 to A177	Red & Tan Floor Tile	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-60</b> Tan w/ Streaks / Red 12x12 FT w/Black Mastic 1st Floor- Hallway from A153 to A177	Black Mastic	2	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-60</b> Tan w/ Streaks / Red 12x12 FT w/Black Mastic 1st Floor- Hallway from A153 to A177	Gray Leveling	3	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-61</b> Tan w/ Streaks / Red 12x12 FT w/Black Mastic 1st Floor- Hallway from A153 to A177	Red & Tan Floor Tile	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-61</b> Tan w/ Streaks / Red 12x12 FT w/Black Mastic 1st Floor- Hallway from A153 to A177	Black Mastic	2	Cellulose - 2% Fiber Glass - 1%	97%	None Detected	---



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Project #	<u>212842</u>		<u>Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/14/2022 4/15/2022 5/12/2022 5/13/2022 5/18/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-15-61</b> Tan w/ Streaks / Red 12x12 FT w/Black Mastic 1st Floor- Hallway from A153 to A177	Black Leveling Compound	3	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-62</b> White Textured Plaster Ceiling 1st Floor- Main Lobby	White Textured Plaster	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-62</b> White Textured Plaster Ceiling 1st Floor- Main Lobby	Gray Plaster	2	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-63</b> White Textured Plaster Ceiling 1st Floor- Main Lobby	Gray Textured Plaster	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-63</b> White Textured Plaster Ceiling 1st Floor- Main Lobby	White Plaster	2	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-64</b> White Textured Plaster Ceiling 1st Floor- Main Lobby	White Textured Plaster	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-64</b> White Textured Plaster Ceiling 1st Floor- Main Lobby	Gray Plaster	2	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-65</b> Light Tan 12x12 FT w/ Black and Yellow Mastic 1st Floor- A105H	Tan Tile	1	Cellulose - 1%	99%	None Detected	---





# Results of Polarized Light Microscopy

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Project #	<u>212842</u>		<u>Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/14/2022 4/15/2022 5/12/2022 5/13/2022 5/18/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-15-65</b> Light Tan 12x12 FT w/ Black and Yellow Mastic 1st Floor- A105H	Black/Yellow Mastic <sup>11</sup>	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-66</b> Light Tan 12x12 FT w/ Black and Yellow Mastic 1st Floor- A105F	Tan Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-66</b> Light Tan 12x12 FT w/ Black and Yellow Mastic 1st Floor- A105F	Yellow/Black Mastic <sup>12</sup>	2	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-67</b> Plaster Material (wall) 1st Floor- A105 Suite	White Plaster	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-67</b> Plaster Material (wall) 1st Floor- A105 Suite	Gray Plaster	2	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-68</b> Green 12x12 FT w/ Yellow Mastic 1st Floor- A105A	Green Tile	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-68</b> Green 12x12 FT w/ Yellow Mastic 1st Floor- A105A	Yellow Mastic	2	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-69</b> Green 12x12 FT w/ Yellow Mastic 1st Floor- A105A	Green Floor Tile	1	Cellulose - 1%	99%	None Detected	---



## Results of Polarized Light Microscopy

<b>Client</b>	<u>VAMC - Philadelphia VA</u>	<b>Site Address</b>		<b>Sample Date</b>	<u>2/11/2022</u>
<b>Project #</b>	<u>212842</u>			<b>Sample Received Date</b>	<u>3/7/2022</u>
<b>Collected By</b>	<u>Criterion Laboratories, Inc.</u>	<b>Analyzed By</b>	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	<b>Sample Analysis Date(s)</b>	<u>4/14/2022 4/15/2022 5/12/2022 5/13/2022 5/18/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-15-69</b> Green 12x12 FT w/ Yellow Mastic 1st Floor- A105A	Yellow Mastic	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-69</b> Green 12x12 FT w/ Yellow Mastic 1st Floor- A105A	Gray Leveling	3	Cellulose - 1% Fiber Glass - 1%	98%	None Detected	---
<b>212842-02-002-15-70</b> Black Carpet Mastic 1st Floor- A108 Suite	Black & Yellow Carpet Mastic <sup>13</sup>	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-71</b> Black Carpet Mastic 1st Floor- A108 Suite	Black & Yellow Carpet Mastic <sup>14</sup>	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-72</b> White/Blue 12x12 FT w/ Black Mastic 1st Floor- A107 Suite, under carpet	White/Blue Floor Tile	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-72</b> White/Blue 12x12 FT w/ Black Mastic 1st Floor- A107 Suite, under carpet	Black Mastic	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-72</b> White/Blue 12x12 FT w/ Black Mastic 1st Floor- A107 Suite, under carpet	Clear Mastic	3	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-73</b> White/Blue 12x12 FT w/ Black Mastic 1st Floor- A107 Suite, under carpet	Blue/White Floor Tile	1	Cellulose - 1%	99%	None Detected	---



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Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/11/2022</u>
Project #	<u>212842</u>		<u>Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/14/2022 4/15/2022 5/12/2022 5/13/2022 5/18/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-15-73</b> White/Blue 12x12 FT w/ Black Mastic 1st Floor- A107 Suite, under carpet	Black Mastic	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-73</b> White/Blue 12x12 FT w/ Black Mastic 1st Floor- A107 Suite, under carpet	Clear Mastic	3	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-74</b> Plaster Material (wall) 1st Floor- A107 Suite	White Plaster	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-74</b> Plaster Material (wall) 1st Floor- A107 Suite	Gray Plaster	2	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-75</b> Black Damp Proofing 1st Floor- A107 Suite	Black Damp Proofing	1	Cellulose - 1% Fiber Glass - 1%	98%	None Detected	---
<b>212842-02-002-15-75</b> Black Damp Proofing 1st Floor- A107 Suite	Gray Cement	2	Cellulose - 1% Fiber Glass - 1%	98%	None Detected	---
<b>212842-02-002-15-76</b> Peach 12x12 Ft w/ Black and Yellow Mastic 1st Floor- A111	Orange Floor Tile	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-76</b> Peach 12x12 Ft w/ Black and Yellow Mastic 1st Floor- A111	Black & Yellow Mastic 15	2	Cellulose - 10%	90%	None Detected	---



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/11/2022</u>
Project #	<u>212842</u>		<u>Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/14/2022 4/15/2022 5/12/2022 5/13/2022 5/18/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-15-77</b> Peach 12x12 Ft w/ Black and Yellow Mastic 1st Floor- A111	Orange Floor Tile	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-77</b> Peach 12x12 Ft w/ Black and Yellow Mastic 1st Floor- A111	Black & Yellow Mastic	2	Cellulose - 7%	93%	None Detected	---
<b>212842-02-002-15-78</b> Light Pink 12x12 FT w/ Black Mastic 1st Floor- Service Elevator Lobby	Pink Floor Tile	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-78</b> Light Pink 12x12 FT w/ Black Mastic 1st Floor- Service Elevator Lobby	Black & Yellow Mastic	2	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-79</b> Light Pink 12x12 FT w/ Black Mastic 1st Floor- Service Elevator Lobby	Pink Floor Tile	1	Cellulose - 1%	99%	None Detected	---
<b>212842-02-002-15-79</b> Light Pink 12x12 FT w/ Black Mastic 1st Floor- Service Elevator Lobby	Black & Yellow Mastic	2	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-80</b> Plaster Material (wall) 1st Floor- A102	Gray Plaster	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-80</b> Plaster Material (wall) 1st Floor- A102	White Plaster	2	Cellulose - 2%	98%	None Detected	---



# Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenzo VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/11/2022</u>
Project #	<u>212842</u>		<u>Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/14/2022 4/15/2022 5/12/2022 5/13/2022 5/18/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-15-81</b> Gray 12x12 FT w/ Yellow Mastic 1st Floor- A102	Gray Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-81</b> Gray 12x12 FT w/ Yellow Mastic 1st Floor- A102	Yellow Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-15-82</b> Gray 12x12 FT w/ Yellow Mastic 1st Floor- A102	Gray Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-82</b> Gray 12x12 FT w/ Yellow Mastic 1st Floor- A102	Yellow Mastic	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-15-83</b> Plaster Material (wall) 1st Floor- Hallway from A101 to A108	Gray Plaster	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-83</b> Plaster Material (wall) 1st Floor- Hallway from A101 to A108	White Plaster	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-84</b> Pink w/ Multi Colors 12x12 FT w/ Black Mastic 1st Floor- Hallway from A101 to A108	Tan Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-84</b> Pink w/ Multi Colors 12x12 FT w/ Black Mastic 1st Floor- Hallway from A101 to A108	Black/Gray Mastic with Leveler <sup>16</sup>	2	Cellulose - 5%	95%	None Detected	---



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/11/2022</u>
Project #	<u>212842</u>		<u>Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/14/2022 4/15/2022 5/12/2022 5/13/2022 5/18/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-15-85</b> Pink w/ Multi Colors 12x12 FT w/ Black Mastic 1st Floor- Hallway from A101 to A108	Tan Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-85</b> Pink w/ Multi Colors 12x12 FT w/ Black Mastic 1st Floor- Hallway from A101 to A108	Black/Gray Mastic with Leveler <sup>17</sup>	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-15-86</b> Gray 9x9 FT w/ Black Mastic 1st Floor- A136	Gray Tile	1	None Detected	96%	Chrysotile	4%
<b>212842-02-002-15-86</b> Gray 9x9 FT w/ Black Mastic 1st Floor- A136	Black Mastic	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-15-87</b> Drywall/Joint Compound 1st Floor- Canteen/Kitchen	Gray Drywall <sup>18</sup>	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-88</b> Plaster Material (wall) 1st Floor- Canteen/Kitchen	Gray Plaster	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-88</b> Plaster Material (wall) 1st Floor- Canteen/Kitchen	White Plaster	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-89</b> Gray Spray-on Fireproofing 1st Floor- Retail Store Areas	Gray Fireproofing	1	Cellulose - 75%	25%	None Detected	---



# Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/11/2022</u>
Project #	<u>212842</u>		<u>Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/14/2022 4/15/2022 5/12/2022 5/13/2022 5/18/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-15-90</b> Gray Spray-on Fireproofing 1st Floor- Retail Store Areas	Gray Fireproofing	1	Cellulose - 75%	25%	None Detected	---
<b>212842-02-002-15-91</b> Gray Spray-on Fireproofing 1st Floor- Retail Store Areas	Gray Fireproofing	1	Cellulose - 75%	25%	None Detected	---
<b>212842-02-002-15-92</b> Tan Spray-on Fireproofing 1st Floor- Retail Store Areas	Tan Fireproofing	1	Cellulose - 50% Fiber Glass - 25%	25%	None Detected	---
<b>212842-02-002-15-93</b> Tan Spray-on Fireproofing 1st Floor- Retail Store Areas	Tan Fireproofing	1	Cellulose - 50% Fiber Glass - 25%	25%	None Detected	---
<b>212842-02-002-15-94</b> Tan Spray-on Fireproofing 1st Floor- Retail Store Areas	Tan Fireproofing	1	Cellulose - 50% Fiber Glass - 25%	25%	None Detected	---
<b>212842-02-002-15-95</b> Gray Spray-on Fireproofing 1st Floor- 1D102 Mechanical Room	Gray Fireproofing	1	Cellulose - 75%	25%	None Detected	---
<b>212842-02-002-15-96</b> Tan Spray-on Fireproofing 1st Floor- 1D102 Mechanical Room	Tan Fireproofing	1	Cellulose - 50% Fiber Glass - 15%	35%	None Detected	---
<b>212842-02-002-15-97</b> Pink 12x12 FT w/ Black and Yellow Mastic 1st Floor- B112	Pink Tile	1	Cellulose - 3%	97%	None Detected	---



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/11/2022</u>
Project #	<u>212842</u>		<u>Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/14/2022 4/15/2022 5/12/2022 5/13/2022 5/18/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-15-97</b> Pink 12x12 FT w/ Black and Yellow Mastic 1st Floor- B112	Black Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-15-98</b> Pink 12x12 FT w/ Black and Yellow Mastic 1st Floor- Hallway from B104 to B112	Pink Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-98</b> Pink 12x12 FT w/ Black and Yellow Mastic 1st Floor- Hallway from B104 to B112	Black Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-15-99</b> Plaster Material (wall) 1st Floor- B104 to B112	Gray Plaster	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-99</b> Plaster Material (wall) 1st Floor- B104 to B112	White Plaster	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-100</b> Black Damp Proofing 1st Floor- B104 to B112	Gray Cement Material	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-100</b> Black Damp Proofing 1st Floor- B104 to B112	Black Mastic	2	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-101</b> Drywall/Joint Compound 1st Floor- Module E Areas	Gray Drywall	1	Cellulose - 4%	96%	None Detected	---





## Results of Polarized Light Microscopy

<b>Client</b>	<u>VAMC - Philadelphia VA</u>	<b>Site Address</b>	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551 Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.</u>	<b>Sample Date</b>	<u>2/11/2022</u>
<b>Project #</b>	<u>212842</u>			<b>Sample Received Date</b>	<u>3/7/2022</u>
<b>Collected By</b>	<u>Criterion Laboratories, Inc.</u>	<b>Analyzed By</b>	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	<b>Sample Analysis Date(s)</b>	<u>4/14/2022 4/15/2022 5/12/2022 5/13/2022 5/18/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-15-101</b> Drywall/Joint Compound 1st Floor- Module E Areas	White Joint Compound	2	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-102</b> Tan Patterned Sheet Flooring w/Yellow Mastic 1st Floor- Hallway outside Mod E	Tan Flooring	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-102</b> Tan Patterned Sheet Flooring w/Yellow Mastic 1st Floor- Hallway outside Mod E	Yellow Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-15-102</b> Tan Patterned Sheet Flooring w/Yellow Mastic 1st Floor- Hallway outside Mod E	Gray Leveling Compound	3	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-15-103</b> Tan Patterned Sheet Flooring w/Yellow Mastic 1st Floor- Hallway outside Mod E	Tan Linoleum	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-103</b> Tan Patterned Sheet Flooring w/Yellow Mastic 1st Floor- Hallway outside Mod E	Yellow Mastic	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-15-103</b> Tan Patterned Sheet Flooring w/Yellow Mastic 1st Floor- Hallway outside Mod E	Gray Leveling Compound	3	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-15-104</b> Light Tan Marbled 12x12 FT w/ Black Mastic 1st Floor- Elevator Lobby/Main Hallway	Tan Tile	1	Cellulose - 3%	97%	None Detected	---



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/11/2022</u>
Project #	<u>212842</u>		<u>Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/14/2022 4/15/2022 5/12/2022 5/13/2022 5/18/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-15-104</b> Light Tan Marbled 12x12 FT w/ Black Mastic 1st Floor- Elevator Lobby/Main Hallway	Black Mastic	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-15-105</b> Light Tan Marbled 12x12 FT w/ Black Mastic 1st Floor- Elevator Lobby/Main Hallway	Tan Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-105</b> Light Tan Marbled 12x12 FT w/ Black Mastic 1st Floor- Elevator Lobby/Main Hallway	Black Mastic	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-15-106</b> Plaster Material (wall) 1st Floor- Elevator Lobby/Main Hallway	Gray Plaster	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-15-106</b> Plaster Material (wall) 1st Floor- Elevator Lobby/Main Hallway	White Plaster	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-15-107</b> Wrap A/W Fiberglass Elbows 1st Floor- Elevator Lobby/Main Hallway	Orange Insulation	1	Fiber Glass - 90%	10%	None Detected	---
<b>212842-02-002-15-108</b> Sprinkler Thread Sealant 1st Floor- Elevator Lobby/Main Hallway	White Sealant	1	Cellulose - 5%	95%	None Detected	---



# Results of Polarized Light Microscopy

<b>Client</b>	<u>VAMC - Philadelphia VA</u>	<b>Site Address</b>		<b>Sample Date</b>	<u>2/11/2022</u>
<b>Project #</b>	<u>212842</u>		<i>Department of Veterans Affairs - Corporal Michael J. Crescenzo VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</i>	<b>Sample Received Date</b>	<u>3/7/2022</u>
			<i>Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.</i>		
<b>Collected By</b>	<u>Criterion Laboratories, Inc.</u>	<b>Analyzed By</b>	<u>Flynn, Alexander</u>	<b>Sample Analysis Date(s)</b>	<u>4/14/2022</u>
			<u>Ford, Kyla</u>		<u>4/15/2022</u>
			<u>Marrs, Collin</u>		<u>5/12/2022</u>
			<u>Schwab, Andrew</u>		<u>5/13/2022</u>
					<u>5/18/2022</u>
					<u>5/5/2022</u>
					<u>5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
Sample Count	<u>108</u>					
		1 - Insufficient Sample Provided				
		2 - Inseparable				
		3 - Insufficient Sample Provided				
		4 - Inseparable				
		5 - Insufficient Sample Provided				
		6 - Inseparable				
		7 - Inseparable				
		8 - Insufficient Sample Provided				
		9 - Inseparable				
		10 - Inseparable				
		11 - Inseparable				
		12 - Inseparable				
		13 - Inseparable				
		14 - Inseparable				
		15 - Inseparable				
		16 - Inseparable				
		17 - Inseparable				
		18 - No Joint Compound				

James A. Weltz, CIH, Technical Director

Criterion Laboratories, Inc. bears no responsibility for sample collection activities of non-Criterion personnel. Results apply to sample(s) as received. This report relates only to the samples reported above, and when reproduced, must be in its entirety. Estimated accuracy, precision and uncertainty data available on request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting Limit is 1%. QC data associated with this sample set is within acceptable limits. Samples were received in good condition, unless otherwise noted.

Note: If your project number ends with an "R", it is a revised report and replaces the original document in full. The above results represent the analysis of bulk sample(s) by Criterion Laboratories, Inc. according to EPA 40 CFR Part 763 Appendix E to Subpart E - Polarized Light Microscopy. The concentration of asbestos is determined by visual estimation.



# Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/11/2022</u>
Project #	<u>212842</u>		<u>Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/14/2022 4/15/2022 5/12/2022 5/13/2022 5/18/2022 5/5/2022 5/6/2022</u>



Criterion Laboratories, Inc. (ID 100424) is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the IHLAP; EMLAP and ELLAP accreditation programs for Polarized Light Microscopy (PLM), Phase Contrast Microscopy (PCM); Air-Direct Examination; and Airborne Dust, Paint, Settled Dust by Wipe and Soil for Fields of Testing as documented by the Scope of Accreditation Certificate and associated Scope. Additionally, Criterion Laboratories, Inc. is certified by the Center for Disease Control (CDC) Environmental Legionella Isolation Techniques Evaluation (ELITE) Program for the determination of Legionella in water by culture and holds accreditation from the National Voluntary Laboratory Accreditation Program (NVLAP ID 102046-0) for the determination of asbestos in bulk samples by Polarized Light Microscopy (PLM). This test report must not be used to claim product endorsement by NVLAP, NIST, AIHA or any agency of the US Government. Unless specifically listed as above, these test results are not covered under AIHA-LAP, LLC, 100424 accreditation.

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# Chain of Custody

**Matrix** Bulk/Building Material  
**Analyte** Asbestos  
**Analysis Type** PLM  
**Container** Bag  
**Project** 212842  
**Client** VAMC - Philadelphia VA  
**Site Address** Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551  
**Location** Building 1- 9th Floor, Penthouse, Stairwells, and 1st Floor.  
**Turnaround** 3 - 5 Days  
**Field Tech** Craig Gratz  
**Sample Notes** Transite panels were not sampled but were visually identified as ACM. Additional transite panels may be found inside radiators in other locations. Additional pipe insulation maybe found behind hard walls and ceilings. Damp proofing is likely present on all perimeter walls.

## Chain of Custody Notes

## Additional Analytes

Sample Number	Location	Material Description	Received Condition	Date	Notes
212842-02-002-15-01	9th Floor- B901 to B911 Office Wing	Black/Yellow Carpet Mastic	Good	3/7/2022	
212842-02-002-15-02	9th Floor- B901 to B911 Office Wing	Black/Yellow Carpet Mastic	Good	3/7/2022	
212842-02-002-15-03	9th Floor- B901 to B911 Office Wing	Drywall/Joint Compound	Good	3/7/2022	
212842-02-002-15-04	9th Floor- B901 to B911 Office Wing	Sprinkler Thread Sealant	Good	3/7/2022	
212842-02-002-15-05	9th Floor- B905	Gray w/ Streaks 12x12 FT w/ Black Mastic	Good	3/7/2022	
212842-02-002-15-06	9th Floor- B905	Gray w/ Streaks 12x12 FT w/ Black Mastic	Good	3/7/2022	
212842-02-002-15-07	9th Floor- B901 to B911 Office Wing	Black/Yellow Carpet Mastic	Good	3/7/2022	
212842-02-002-15-08	9th Floor- B901 to B911 Office Wing	White 2x4 Ceiling Tile w/ Pinholes	Good	3/7/2022	
212842-02-002-15-09	9th Floor- B901 to B911 Office Wing	White 2x4 Ceiling Tile w/ Pinholes	Good	3/7/2022	
212842-02-002-15-10	9th Floor- A936 Computer Lab	Black/Yellow Carpet Mastic	Good	3/7/2022	
212842-02-002-15-11	9th Floor- A928	Black Mastic	Good	3/7/2022	
212842-02-002-15-12	9th Floor- A928	Plaster Material (wall)	Good	3/7/2022	



# Chain of Custody

212842-02-002-15-13	9th Floor- A927/A926	Gray 9x9 FT w/ Black Mastic	Good	3/7/2022
212842-02-002-15-14	9th Floor- A927/A926	Plaster Material (wall)	Good	3/7/2022
212842-02-002-15-15	9th Floor- A931	Gray Leveler w/ Black Mastic	Good	3/7/2022
212842-02-002-15-16	9th Floor- A931	Gray Leveler w/ Black Mastic	Good	3/7/2022
212842-02-002-15-17	9th Floor- A931	White Wrap A/W Drain Pipe	Good	3/7/2022
212842-02-002-15-18	9th Floor- A931	White Wrap A/W Drain Pipe	Good	3/7/2022
212842-02-002-15-19	9th Floor- A952	Drywall/Joint Compound	Good	3/7/2022
212842-02-002-15-20	9th Floor- A952	Black/Yellow Carpet Mastic	Good	3/7/2022
212842-02-002-15-21	9th Floor- A952	Black/Yellow Carpet Mastic	Good	3/7/2022
212842-02-002-15-22	9th Floor- A946a	White 2x4 Ceiling Tile	Good	3/7/2022
212842-02-002-15-23	9th Floor- A946a	Black/Yellow Carpet Mastic	Good	3/7/2022
212842-02-002-15-24	9th Floor- A954	Sprinkler Thread Sealant	Good	3/7/2022
212842-02-002-15-25	9th Floor- A945	Off-White w/ Multi Colors 12x12 FT w/ Black Mastic	Good	3/7/2022
212842-02-002-15-26	9th Floor- Hallway from A945 to A958	Off-White w/ Multi Colors 12x12 FT w/ Black Mastic and gray leveler	Good	3/7/2022
212842-02-002-15-27	9th Floor- A955	Off-White w/ Multi Colors 12x12 FT w/ Black Mastic	Good	3/7/2022
212842-02-002-15-28	9th Floor- Service Elevator Lobby	Off-White w/ Multi Colors 12x12 FT w/ Black Mastic and gray leveler	Good	3/7/2022
212842-02-002-15-29	9th Floor- A938	White 12x12 FT w/ Black Mastic	Good	3/7/2022
212842-02-002-15-30	9th Floor- Elevator Lobby	Plaster Material (wall)	Good	3/7/2022
212842-02-002-15-31	9th Floor- Elevator Lobby	Blue Marbled/Tan 12x12 FT w/ Black Mastic and Gray Leveler	Good	3/7/2022
212842-02-002-15-32	9th Floor- Elevator Lobby	Blue Marbled/Tan 12x12 FT w/ Black Mastic and Gray Leveler	Good	3/7/2022
212842-02-002-15-33	9th Floor- Women's Health Clinic	White 2x4 Rough Texture Ceiling tile	Good	3/7/2022
212842-02-002-15-34	9th Floor- Women's Health Clinic	Drywall/Joint Compound	Good	3/7/2022
212842-02-002-15-35	9th Floor- A913	White/Gray Sheet Flooring w/ Black Mastic	Good	3/7/2022



# Chain of Custody

212842-02-002-15-36	9th Floor- Women's Health Nurse's Station	White/Gray Sheet Flooring w/ Black Mastic	Good	3/7/2022
212842-02-002-15-37	Penthouse	Black Interior Window Caulking	Good	3/7/2022
212842-02-002-15-38	Penthouse	Black Interior Window Caulking	Good	3/7/2022
212842-02-002-15-39	Penthouse- West Door	Gray Door Caulking	Good	3/7/2022
212842-02-002-15-40	Penthouse- West Door	Gray Door Caulking	Good	3/7/2022
212842-02-002-15-41	Penthouse- Upper Level	Drywall/Joint Compound	Good	3/7/2022
212842-02-002-15-42	Penthouse- Upper Level	Plaster A/W Tank Interior	Good	3/7/2022
212842-02-002-15-43	Penthouse- Upper Level	Plaster A/W Tank Interior	Good	3/7/2022
212842-02-002-15-44	Penthouse- Upper Level	Plaster A/W Tank Interior	Good	3/7/2022
212842-02-002-15-45	Stairway #1- Penthouse Level, above hard ceiling	White Paper Duct Insulation	Good	3/7/2022
212842-02-002-15-46	Stairway #1- Penthouse Level, above hard ceiling	White Paper Duct Insulation	Good	3/7/2022
212842-02-002-15-47	Stairway #1- Penthouse Level, above hard ceiling	White Paper Duct Insulation	Good	3/7/2022
212842-02-002-15-48	Stairway #1- Penthouse Level, above hard ceiling	Block Pipe Insulation	Good	3/7/2022
212842-02-002-15-49	1st Floor- A160 to A163 Patient Advocate Area	Black Damp Proofing	Good	3/7/2022
212842-02-002-15-50	1st Floor- A160 to A163 Patient Advocate Area	Plaster Material (wall)	Good	3/7/2022
212842-02-002-15-51	1st Floor- A160 to A163 Patient Advocate Area	Black Carpet Mastic	Good	3/7/2022
212842-02-002-15-52	1st Floor- A160 to A163 Patient Advocate Area	Black Carpet Mastic	Good	3/7/2022
212842-02-002-15-53	1st Floor- A161	Sprinkler Thread Sealant	Good	3/7/2022
212842-02-002-15-54	1st Floor- Patient Advocate Area Break Area	Light Tan 12x12 FT w/ Yellow Mastic	Good	3/7/2022
212842-02-002-15-55	1st Floor- Patient Advocate Area Break Area	Light Tan 12x12 FT w/ Yellow Mastic	Good	3/7/2022
212842-02-002-15-56	1st Floor- A174i	Black Carpet Mastic	Good	3/7/2022
212842-02-002-15-57	1st Floor- A177 Board Room, above ceiling and in wall	Block Pipe Insulation	Good	3/7/2022
212842-02-002-15-58	1st Floor- A177 Board Room,	Black Damp Proofing	Good	3/7/2022



# Chain of Custody

212842-02-002-15-59	1st Floor- A177 Board Room,	Plaster Material (wall)	Good	3/7/2022
212842-02-002-15-60	1st Floor- Hallway from A153 to A177	Tan w/ Streaks / Red 12x12 FT w/Black Mastic	Good	3/7/2022
212842-02-002-15-61	1st Floor- Hallway from A153 to A177	Tan w/ Streaks / Red 12x12 FT w/Black Mastic	Good	3/7/2022
212842-02-002-15-62	1st Floor- Main Lobby	White Textured Plaster Ceiling	Good	3/7/2022
212842-02-002-15-63	1st Floor- Main Lobby	White Textured Plaster Ceiling	Good	3/7/2022
212842-02-002-15-64	1st Floor- Main Lobby	White Textured Plaster Ceiling	Good	3/7/2022
212842-02-002-15-65	1st Floor- A105H	Light Tan 12x12 FT w/ Black and Yellow Mastic	Good	3/7/2022
212842-02-002-15-66	1st Floor- A105F	Light Tan 12x12 FT w/ Black and Yellow Mastic	Good	3/7/2022
212842-02-002-15-67	1st Floor- A105 Suite	Plaster Material (wall)	Good	3/7/2022
212842-02-002-15-68	1st Floor- A105A	Green 12x12 FT w/ Yellow Mastic	Good	3/7/2022
212842-02-002-15-69	1st Floor- A105A	Green 12x12 FT w/ Yellow Mastic	Good	3/7/2022
212842-02-002-15-70	1st Floor- A108 Suite	Black Carpet Mastic	Good	3/7/2022
212842-02-002-15-71	1st Floor- A108 Suite	Black Carpet Mastic	Good	3/7/2022
212842-02-002-15-72	1st Floor- A107 Suite, under carpet	White/Blue 12x12 FT w/ Black Mastic	Good	3/7/2022
212842-02-002-15-73	1st Floor- A107 Suite, under carpet	White/Blue 12x12 FT w/ Black Mastic	Good	3/7/2022
212842-02-002-15-74	1st Floor- A107 Suite	Plaster Material (wall)	Good	3/7/2022
212842-02-002-15-75	1st Floor- A107 Suite	Black Damp Proofing	Good	3/7/2022
212842-02-002-15-76	1st Floor- A111	Peach 12x12 Ft w/ Black and Yellow Mastic	Good	3/7/2022
212842-02-002-15-77	1st Floor- A111	Peach 12x12 Ft w/ Black and Yellow Mastic	Good	3/7/2022
212842-02-002-15-78	1st Floor- Service Elevator Lobby	Light Pink 12x12 FT w/ Black Mastic	Good	3/7/2022
212842-02-002-15-79	1st Floor- Service Elevator Lobby	Light Pink 12x12 FT w/ Black Mastic	Good	3/7/2022
212842-02-002-15-80	1st Floor- A102	Plaster Material (wall)	Good	3/7/2022
212842-02-002-15-81	1st Floor- A102	Gray 12x12 FT w/ Yellow Mastic	Good	3/7/2022
212842-02-002-15-82	1st Floor- A102	Gray 12x12 FT w/ Yellow Mastic	Good	3/7/2022
212842-02-002-15-83	1st Floor- Hallway from A101 to A108	Plaster Material (wall)	Good	3/7/2022





# Chain of Custody

212842-02-002-15-84	1st Floor- Hallway from A101 to A108	Pink w/ Multi Colors 12x12 FT w/ Black Mastic	Good	3/7/2022
212842-02-002-15-85	1st Floor- Hallway from A101 to A108	Pink w/ Multi Colors 12x12 FT w/ Black Mastic	Good	3/7/2022
212842-02-002-15-86	1st Floor- A136	Gray 9x9 FT w/ Black Mastic	Good	3/7/2022
212842-02-002-15-87	1st Floor- Canteen/Kitchen	Drywall/Joint Compound	Good	3/7/2022
212842-02-002-15-88	1st Floor- Canteen/Kitchen	Plaster Material (wall)	Good	3/7/2022
212842-02-002-15-89	1st Floor- Retail Store Areas	Gray Spray-on Fireproofing	Good	3/7/2022
212842-02-002-15-90	1st Floor- Retail Store Areas	Gray Spray-on Fireproofing	Good	3/7/2022
212842-02-002-15-91	1st Floor- Retail Store Areas	Gray Spray-on Fireproofing	Good	3/7/2022
212842-02-002-15-92	1st Floor- Retail Store Areas	Tan Spray-on Fireproofing	Good	3/7/2022
212842-02-002-15-93	1st Floor- Retail Store Areas	Tan Spray-on Fireproofing	Good	3/7/2022
212842-02-002-15-94	1st Floor- Retail Store Areas	Tan Spray-on Fireproofing	Good	3/7/2022
212842-02-002-15-95	1st Floor- 1D102 Mechanical Room	Gray Spray-on Fireproofing	Good	3/7/2022
212842-02-002-15-96	1st Floor- 1D102 Mechanical Room	Tan Spray-on Fireproofing	Good	3/7/2022
212842-02-002-15-97	1st Floor- B112	Pink 12x12 FT w/ Black and Yellow Mastic	Good	3/7/2022
212842-02-002-15-98	1st Floor- Hallway from B104 to B112	Pink 12x12 FT w/ Black and Yellow Mastic	Good	3/7/2022
212842-02-002-15-99	1st Floor- B104 to B112	Plaster Material (wall)	Good	3/7/2022
212842-02-002-15-100	1st Floor- B104 to B112	Black Damp Proofing	Good	3/7/2022
212842-02-002-15-101	1st Floor- Module E Areas	Drywall/Joint Compound	Good	3/7/2022
212842-02-002-15-102	1st Floor- Hallway outside Mod E	Tan Patterned Sheet Flooring w/Yellow Mastic	Good	3/7/2022
212842-02-002-15-103	1st Floor- Hallway outside Mod E	Tan Patterned Sheet Flooring w/Yellow Mastic	Good	3/7/2022
212842-02-002-15-104	1st Floor- Elevator Lobby/Main Hallway	Light Tan Marbled 12x12 FT w/ Black Mastic	Good	3/7/2022
212842-02-002-15-105	1st Floor- Elevator Lobby/Main Hallway	Light Tan Marbled 12x12 FT w/ Black Mastic	Good	3/7/2022
212842-02-002-15-106	1st Floor- Elevator Lobby/Main Hallway	Plaster Material (wall)	Good	3/7/2022
212842-02-002-15-107	1st Floor- Elevator Lobby/Main Hallway	Wrap A/W Fiberglass Elbows	Good	3/7/2022
212842-02-002-15-108	1st Floor- Elevator Lobby/Main Hallway	Sprinkler Thread Sealant	Good	3/7/2022



# Chain of Custody

Sample Count 108

Handling Chain Type	Handled By	Date	Time	Notes
Report Results To	Melissa Billingsley	2/11/2022		
Send Reports To	VAMC - Philadelphia VA	2/11/2022		
Samples Taken By	Craig Gratz	2/11/2022	08:30	
Samples Taken By	Craig Gratz	2/14/2022	08:30	
Samples Taken By	Craig Gratz	2/15/2022	08:30	
Samples Taken By	Craig Gratz	2/16/2022	09:00	
Samples Taken By	Craig Gratz	2/17/2022	08:30	
Samples Taken By	Craig Gratz	2/18/2022	08:45	
Transported By	Craig Gratz	2/18/2022	16:00	
Relinquished By	Craig Gratz	3/6/2022	15:00	
Received By	Michael Hess	3/7/2022	09:10	
Analyzed By	Collin Marrs	5/18/2022	15:03	
Reviewed By	Andrew Schwab	5/18/2022	15:08	



# Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/21/2022</u>
Project #	<u>212842</u>		<u>Building 1- All Floors, Crawlspace, and Exterior</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/25/2022 4/26/2022 4/27/2022 4/28/2022 5/4/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-16-01</b> White w/ Gray Streaks 12x12 FT w/ Black Mastic 9th Floor- A932	White Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-01</b> White w/ Gray Streaks 12x12 FT w/ Black Mastic 9th Floor- A932	Black/yellow Mastic	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-02</b> Gray 9x9 FT w/ Black Mastic 8th Floor- A840	Gray Tile	1	None Detected	95%	Chrysotile	5%
<b>212842-02-002-16-02</b> Gray 9x9 FT w/ Black Mastic 8th Floor- A840	Black Mastic	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-03</b> Plaster Material 8th Floor- A839	Gray Plaster	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-03</b> Plaster Material 8th Floor- A839	White Plaster	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-04</b> Compressed Paper Pipe Insulation 8th Floor- A849	Brown Paper	1	Cellulose - 90%	10%	None Detected	---



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/21/2022</u>
Project #	<u>212842</u>		<u>Building 1- All Floors, Crawlspace, and Exterior</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/25/2022 4/26/2022 4/27/2022 4/28/2022 5/4/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-16-04</b> Compressed Paper Pipe Insulation 8th Floor- A849	White White	2	None Detected	75%	Chrysotile	25%
<b>212842-02-002-16-05</b> Tan Spray-on Fireproofing 8th Floor- B808	Tan Fire Proofing	1	Cellulose - 65%	35%	None Detected	---
<b>212842-02-002-16-06</b> White w/ Gray Streaks 12x12 FT w/ Black Mastic 7th Floor- A743	White Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-06</b> White w/ Gray Streaks 12x12 FT w/ Black Mastic 7th Floor- A743	Black Mastic <sup>1</sup>	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-16-07</b> Black Mastic 7th Floor- B732	Black Mastic	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-08</b> Light Tan 12x12 FT w/ Yellow Mastic 7th Floor- B733	Tan Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-08</b> Light Tan 12x12 FT w/ Yellow Mastic 7th Floor- B733	Yellow Mastic	2	Cellulose - 2%	98%	None Detected	---



## Results of Polarized Light Microscopy

Client <u>VAMC - Philadelphia VA</u> Project # <u>212842</u> Collected By <u>Criterion Laboratories, Inc.</u>	Site Address <u>Department of Veterans Affairs - Corporal Michael J. Crescenzo VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551 Building 1- All Floors, Crawlspace, and Exterior</u> Analyzed By <u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Date <u>2/21/2022</u> Sample Received Date <u>3/7/2022</u> Sample Analysis Date(s) <u>4/25/2022 4/26/2022 4/27/2022 4/28/2022 5/4/2022 5/5/2022 5/6/2022</u>
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Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-16-09</b> Black Damp Proofing 7th Floor- B723A	Beige Fire Proofing	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-09</b> Black Damp Proofing 7th Floor- B723A	Black Mastic	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-10</b> Off-White w/ Tan Streaks 12x12 FT w/ Black Mastic 6th Floor- A631C	White Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-10</b> Off-White w/ Tan Streaks 12x12 FT w/ Black Mastic 6th Floor- A631C	Black Mastic	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-16-11</b> Off-White w/ Tan Streaks 12x12 FT w/ Black Mastic 6th Floor- A631B	White Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-11</b> Off-White w/ Tan Streaks 12x12 FT w/ Black Mastic 6th Floor- A631B	Black Mastic	2	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-16-12</b> Plaster Material 6th Floor- A633	Gray Plaster	1	Cellulose - 5%	95%	None Detected	---



# Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/21/2022</u>
Project #	<u>212842</u>		<u>Building 1- All Floors, Crawlspace, and Exterior</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/25/2022 4/26/2022 4/27/2022 4/28/2022 5/4/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-16-12</b> Plaster Material 6th Floor- A633	White Plaster	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-13</b> Black Mastic 6th Floor- B627	Black Mastic	1	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-16-14</b> White w/ Streaks 12x12 FT w/ Black Mastic 5th Floor- A537C	White Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-14</b> White w/ Streaks 12x12 FT w/ Black Mastic 5th Floor- A537C	Black Mastic	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-15</b> White w/ Streaks 12x12 FT w/ Black Mastic 5th Floor- A537B	White Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-15</b> White w/ Streaks 12x12 FT w/ Black Mastic 5th Floor- A537B	Black Mastic	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-16</b> Gray 9x9 FT w/ Black Mastic 5th Floor- A536	Gray Tile	1	None Detected	98%	Chrysotile	2%
<b>212842-02-002-16-16</b> Gray 9x9 FT w/ Black Mastic 5th Floor- A536	Black Mastic	2	Cellulose - 2%	98%	None Detected	---



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/21/2022</u>
Project #	<u>212842</u>		<u>Building 1- All Floors, Crawlspace, and Exterior</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/25/2022 4/26/2022 4/27/2022 4/28/2022 5/4/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-16-17</b> Gray Spray-on Fireproofing 5th Floor- Roof Fan Room	Gray Spray-On Fireproofing	1	Cellulose - 15% Fiber Glass - 5%	80%	None Detected	---
<b>212842-02-002-16-18</b> Tan w/ Streaks 12x12 FT w/ Black Mastic 5th Floor- B545	Tan Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-16-18</b> Tan w/ Streaks 12x12 FT w/ Black Mastic 5th Floor- B545	Black Mastic	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-19</b> Gray w/ Dots 12x12 FT w/ Black Mastic 4th Floor- A427B	Gray/White Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-19</b> Gray w/ Dots 12x12 FT w/ Black Mastic 4th Floor- A427B	Black Mastic	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-16-20</b> Gray w/ Dots 12x12 FT w/ Black Mastic 4th Floor- A427C	Gray/White Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-20</b> Gray w/ Dots 12x12 FT w/ Black Mastic 4th Floor- A427C	Black Mastic	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-21</b> Black Mastic 4th Floor- A426	Black Mastic <sup>2</sup>	1	Cellulose - 2%	98%	None Detected	---



## Results of Polarized Light Microscopy

<b>Client</b>	<u>VAMC - Philadelphia VA</u>	<b>Site Address</b>	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551 Building 1- All Floors, Crawlspace, and Exterior</u>	<b>Sample Date</b>	<u>2/21/2022</u>
<b>Project #</b>	<u>212842</u>			<b>Sample Received Date</b>	<u>3/7/2022</u>
<b>Collected By</b>	<u>Criterion Laboratories, Inc.</u>	<b>Analyzed By</b>	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	<b>Sample Analysis Date(s)</b>	<u>4/25/2022 4/26/2022 4/27/2022 4/28/2022 5/4/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-16-22</b> Black Mastic (under carpet) 4th Floor- B422	Black Mastic	1	None Detected	96%	Chrysotile	4%
<b>212842-02-002-16-23</b> Gray Spray-on Fireproofing 4th Floor- B446A	Gray Fire Proofing	1	Fiber Glass - 75%	25%	None Detected	---
<b>212842-02-002-16-24</b> Gray Spray-on Fireproofing 4th Floor- B446A	Gray Fire Proofing	1	Cellulose - 2% Fiber Glass - 70%	28%	None Detected	---
<b>212842-02-002-16-25</b> Black/Gray Tar Duct Coating 4th Floor- Roof	Black Tar	1	Cellulose - 45%	55%	None Detected	---
<b>212842-02-002-16-25</b> Black/Gray Tar Duct Coating 4th Floor- Roof	Orange/Clear Fiber Glass	2	Fiber Glass - 90% Cellulose - 3%	7%	None Detected	---
<b>212842-02-002-16-26</b> Black/Gray Tar Duct Coating 4th Floor- Roof	Black Tar	1	Cellulose - 40%	60%	None Detected	---
<b>212842-02-002-16-26</b> Black/Gray Tar Duct Coating 4th Floor- Roof	White Backing	2	Fiber Glass - 90%	10%	None Detected	---
<b>212842-02-002-16-27</b> Black/Gray Tar Duct Coating 4th Floor- Roof	Black Tar	1	Cellulose - 40%	60%	None Detected	---





## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/21/2022</u>
Project #	<u>212842</u>		<u>Building 1- All Floors, Crawlspace, and Exterior</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/25/2022 4/26/2022 4/27/2022 4/28/2022 5/4/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-16-27</b> Black/Gray Tar Duct Coating 4th Floor- Roof	White Backing	2	Fiber Glass - 85% Cellulose - 2%	13%	None Detected	---
<b>212842-02-002-16-28</b> Plaster Material 4th Floor- A419 Mechanical Room	Gray Plaster	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-28</b> Plaster Material 4th Floor- A419 Mechanical Room	White Plaster	2	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-16-29</b> White w/ Gray Streaks 12x12 FT w/ Black Mastic 3rd Floor- A336e	White Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-16-29</b> White w/ Gray Streaks 12x12 FT w/ Black Mastic 3rd Floor- A336e	Black Mastic	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-30</b> Tan w/ Streaks 12x12 FT w/ Black Mastic 3rd Floor- 3B170	Tan Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-30</b> Tan w/ Streaks 12x12 FT w/ Black Mastic 3rd Floor- 3B170	Black Mastic	2	Cellulose - 7%	93%	None Detected	---



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/21/2022</u>
Project #	<u>212842</u>		<u>Building 1- All Floors, Crawlspace, and Exterior</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/25/2022 4/26/2022 4/27/2022 4/28/2022 5/4/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-16-31</b> Tan w/ Streaks 12x12 FT w/ Black Mastic 3rd Floor- Rear right room in chapel	Tan Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-31</b> Tan w/ Streaks 12x12 FT w/ Black Mastic 3rd Floor- Rear right room in chapel	Black Mastic <sup>3</sup>	2	---	---	---	---
<b>212842-02-002-16-32</b> Tan Spray-on Fireproofing 3rd Floor- Rear right room in chapel	Tan Fire Proofing`	1	Cellulose - 50% Fiber Glass - 5%	45%	None Detected	---
<b>212842-02-002-16-33</b> Drywall/Joint Compound 3rd Floor- Rear right room in chapel	White Drywall	1	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-16-33</b> Drywall/Joint Compound 3rd Floor- Rear right room in chapel	Gray Joint Compound	2	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-16-34</b> Black Mastic 2nd Floor- A235c/d	Black Mastic	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-35</b> Light Tan 12x12 FT w/ Yellow Mastic 1st Floor- A106	Tan Tile	1	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-16-35</b> Light Tan 12x12 FT w/ Yellow Mastic 1st Floor- A106	Yellow Mastic	2	Cellulose - 2%	98%	None Detected	---



## Results of Polarized Light Microscopy

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Project #	<u>212842</u>		<u>Building 1- All Floors, Crawlspace, and Exterior</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/25/2022 4/26/2022 4/27/2022 4/28/2022 5/4/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-16-36</b> Off-White Sheet Flooring 1st Floor- A106b/a	White Linoleum	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-36</b> Off-White Sheet Flooring 1st Floor- A106b/a	Gray Backing	2	Cellulose - 85%	15%	None Detected	---
<b>212842-02-002-16-37</b> Off-White Sheet Flooring 1st Floor- A106b/a	White Linoleum	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-37</b> Off-White Sheet Flooring 1st Floor- A106b/a	Gray Backing	2	Cellulose - 85%	15%	None Detected	---
<b>212842-02-002-16-38</b> Off-White w/ checkers 2x4 Ceiling Tile 1st Floor- A154	Gray Ceiling Tile	1	Cellulose - 50% Fiber Glass - 20%	30%	None Detected	---
<b>212842-02-002-16-39</b> Off-White w/ checkers 2x4 Ceiling Tile 1st Floor- A154	Gray Ceiling Tile	1	Cellulose - 50% Fiber Glass - 25%	25%	None Detected	---
<b>212842-02-002-16-40</b> Light Tan Marbled 12x12 FT w/ Black Mastic 1st Floor- A154a, under carpet	Tan Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-16-40</b> Light Tan Marbled 12x12 FT w/ Black Mastic 1st Floor- A154a, under carpet	Black Mastic	2	Cellulose - 3%	97%	None Detected	---



## Results of Polarized Light Microscopy

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Project #	<u>212842</u>		<u>Building 1- All Floors, Crawlspace, and Exterior</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/25/2022 4/26/2022 4/27/2022 4/28/2022 5/4/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-16-40</b> Light Tan Marbled 12x12 FT w/ Black Mastic 1st Floor- A154a, under carpet	Yellow Mastic	3	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-41</b> Black Damp Proofing 1st Floor- A157/157a	Black/Tan Damp Proofing	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-16-42</b> Plaster Material 1st Floor- A157/157a	White Plaster	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-42</b> Plaster Material 1st Floor- A157/157a	Gray Plaster	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-43</b> Light Tan Marbled 12x12 FT w/ Black Mastic 1st Floor- B118, under carpet	Tan Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-16-43</b> Light Tan Marbled 12x12 FT w/ Black Mastic 1st Floor- B118, under carpet	Black Mastic <sup>4</sup>	2	---	---	---	---
<b>212842-02-002-16-43</b> Light Tan Marbled 12x12 FT w/ Black Mastic 1st Floor- B118, under carpet	Yellow Mastic	3	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-44</b> Black Tar Condensate Wrap 1st Floor- A174B	Black Tar	1	Cellulose - 45%	55%	None Detected	---



# Results of Polarized Light Microscopy

<b>Client</b>	<u>VAMC - Philadelphia VA</u>	<b>Site Address</b>	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	<b>Sample Date</b>	<u>2/21/2022</u>
<b>Project #</b>	<u>212842</u>		<u>Building 1- All Floors, Crawlspace, and Exterior</u>	<b>Sample Received Date</b>	<u>3/7/2022</u>
<b>Collected By</b>	<u>Criterion Laboratories, Inc.</u>	<b>Analyzed By</b>	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	<b>Sample Analysis Date(s)</b>	<u>4/25/2022 4/26/2022 4/27/2022 4/28/2022 5/4/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-16-45</b> Gray Spray-on Fireproofing 1st Floor- A174F	Gray Fire Proofing	1	Cellulose - 3% Fiber Glass - 50%	47%	None Detected	---
<b>212842-02-002-16-46</b> Gray Spray-on Fireproofing 1st Floor- A174F	Gray Fire Proofing	1	Cellulose - 2% Fiber Glass - 50%	48%	None Detected	---
<b>212842-02-002-16-47</b> Gray Spray-on Fireproofing 1st Floor- A174F	Gray Fire Proofing	1	Cellulose - 2% Fiber Glass - 60%	38%	None Detected	---
<b>212842-02-002-16-48</b> Drywall/Joint Compound 1st Floor- A174 Suite	Gray Drywall	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-48</b> Drywall/Joint Compound 1st Floor- A174 Suite	White Joint Compound	2	Cellulose - 3%	95%	None Detected	---
<b>212842-02-002-16-49</b> Plaster Material 1st Floor- A174 Suite	Gray Plaster	1	Cellulose - 6%	94%	None Detected	---
<b>212842-02-002-16-49</b> Plaster Material 1st Floor- A174 Suite	White Plaster	2	Cellulose - 5%	95%	None Detected	---
<b>212842-02-002-16-50</b> Gray Spray-on Fireproofing 1st Floor- Canteen	Gray Fire Proofing	1	Cellulose - 30%	70%	None Detected	---



# Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenzo VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/21/2022</u>
Project #	<u>212842</u>		<u>Building 1- All Floors, Crawlspace, and Exterior</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/25/2022 4/26/2022 4/27/2022 4/28/2022 5/4/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-16-51</b> Gray/White w/ multi colors 12x12 FT w/ Yellow Mastic 5th Floor- East Ward, A503 to A528	White Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-51</b> Gray/White w/ multi colors 12x12 FT w/ Yellow Mastic 5th Floor- East Ward, A503 to A528	Yellow Mastic	2	Cellulose - 4%	96%	None Detected	---
<b>212842-02-002-16-52</b> Drywall/Joint Compound 5th Floor- East Ward, A503 to A528	White Drywall	1	Cellulose - 8% Fiber Glass - 5%	87%	None Detected	---
<b>212842-02-002-16-52</b> Drywall/Joint Compound 5th Floor- East Ward, A503 to A528	White Joint Compound	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-53</b> Gray/White w/ multi colors 12x12 FT w/ Yellow Mastic 5th Floor- East Ward, A508	White Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-53</b> Gray/White w/ multi colors 12x12 FT w/ Yellow Mastic 5th Floor- East Ward, A508	Black Mastic	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-54</b> Gray/White w/ multi colors 12x12 FT w/ Yellow Mastic 5th Floor- East Ward, Hallway	White Tile	1	Cellulose - 2%	98%	None Detected	---



# Results of Polarized Light Microscopy

<b>Client</b>	<u>VAMC - Philadelphia VA</u>	<b>Site Address</b>		<b>Sample Date</b>	<u>2/21/2022</u>
<b>Project #</b>	<u>212842</u>		<i>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</i>	<b>Sample Received Date</b>	<u>3/7/2022</u>
			<i>Building 1- All Floors, Crawlspace, and Exterior</i>		
<b>Collected By</b>	<u>Criterion Laboratories, Inc.</u>	<b>Analyzed By</b>	<u>Flynn, Alexander</u>	<b>Sample Analysis Date(s)</b>	<u>4/25/2022</u>
			<u>Ford, Kyla</u>		<u>4/26/2022</u>
			<u>Marrs, Collin</u>		<u>4/27/2022</u>
			<u>Schwab, Andrew</u>		<u>4/28/2022</u>
					<u>5/4/2022</u>
					<u>5/5/2022</u>
					<u>5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-16-54</b> Gray/White w/ multi colors 12x12 FT w/ Yellow Mastic 5th Floor- East Ward, Hallway	Yellow Mastic	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-55</b> Gray/White w/ multi colors 12x12 FT w/ Yellow Mastic 5th Floor- East Ward, A511	Gray Tile	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-55</b> Gray/White w/ multi colors 12x12 FT w/ Yellow Mastic 5th Floor- East Ward, A511	Yellow Mastic	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-55</b> Gray/White w/ multi colors 12x12 FT w/ Yellow Mastic 5th Floor- East Ward, A511	Grey/White Leveling Compound	3	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-56</b> Gray/White w/ multi colors 12x12 FT w/ Yellow Mastic 5th Floor- East Ward, Hallway	White Tile	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-16-56</b> Gray/White w/ multi colors 12x12 FT w/ Yellow Mastic 5th Floor- East Ward, Hallway	Yellow Mastic	2	Cellulose - 2%	98%	None Detected	---



# Results of Polarized Light Microscopy

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Project #	<u>212842</u>		<u>Building 1- All Floors, Crawlspace, and Exterior</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/25/2022 4/26/2022 4/27/2022 4/28/2022 5/4/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-16-57</b> Soil Crawl Space Entrance #3, near entrance	Brown Soil	1	None Detected	100%	Chrysotile	<1%
<b>212842-02-002-16-58</b> Soil Crawl Space Entrance #3, North of entrance	Brown Soil	1	None Detected	100%	Chrysotile	<1%
<b>212842-02-002-16-60</b> Soil Crawl Space Entrance #3, East of entrance	Brown Soil	1	None Detected	92%	Chrysotile Amosite	5% 3%
<b>212842-02-002-16-61</b> Soil Crawl Space Entrance #3, south of entrance	Brown Soil	1	None Detected	100%	Chrysotile Amosite	<1% <1%
<b>212842-02-002-16-62</b> Soil Crawl Space Entrance #1, North of entrance	Brown Soil	1	None Detected	96%	Chrysotile Amosite	2% 2%
<b>212842-02-002-16-63</b> Soil Crawl Space Entrance #1, East of entrance	Brown Soil	1	None Detected	100%	Chrysotile Tremolite	<1% <1%
<b>212842-02-002-16-64</b> Soil Crawl Space Entrance #1, at entrance	Brown Soil	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-65</b> Soil Crawl Space Entrance #1, Far East of entrance	Brown Soil	1	None Detected	100%	Chrysotile	<1%





## Results of Polarized Light Microscopy

Client <u>VAMC - Philadelphia VA</u> Project # <u>212842</u> Collected By <u>Criterion Laboratories, Inc.</u>	Site Address <u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551 Building 1- All Floors, Crawlspace, and Exterior</u> Analyzed By <u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Date <u>2/21/2022</u> Sample Received Date <u>3/7/2022</u> Sample Analysis Date(s) <u>4/25/2022 4/26/2022 4/27/2022 4/28/2022 5/4/2022 5/5/2022 5/6/2022</u>
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Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
212842-02-002-16-66 Soil Crawl Space Entrance #1, West of entrance	Brown Soil	1	Cellulose - 2%	98%	None Detected	---
212842-02-002-16-67 Soil Crawl Space Entrance #5, near entrance	Brown Soil	1	None Detected	100%	Chrysotile	<1%
212842-02-002-16-68 Soil Crawl Space Entrance #5, East of entrance	Brown Soil	1	Cellulose - 3%	97%	None Detected	---
212842-02-002-16-69 Soil Crawl Space Entrance #5, West of entrance	Brown Soil	1	Cellulose - 3%	97%	None Detected	---
212842-02-002-16-70 Soil Crawl Space Entrance #5, South of entrance	Brown Soil	1	None Detected	100%	Chrysotile	<1%
212842-02-002-16-71 Soil Crawl Space Entrance #5, North of entrance	Brown Soil	1	None Detected	96%	Chrysotile Amosite	2% 2%
212842-02-002-16-72 Cork Pipe Insulation Crawl Space Entrance #5	Brown Cork Pipe	1	Cellulose - 1%	99%	None Detected	---
212842-02-002-16-72 Cork Pipe Insulation Crawl Space Entrance #5	Black Mastic	2	None Detected	96%	Chrysotile	4%



# Results of Polarized Light Microscopy

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Project #	<u>212842</u>		<u>Building 1- All Floors, Crawlspace, and Exterior</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/25/2022 4/26/2022 4/27/2022 4/28/2022 5/4/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-16-73</b> Cork Ceiling Material with Black Tar Crawl Space Entrance #5	Brown Cork Material	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-73</b> Cork Ceiling Material with Black Tar Crawl Space Entrance #5	Black Mastic	2	None Detected	97%	Chrysotile	3%
<b>212842-02-002-16-74</b> Cork Ceiling Material with Black Tar Crawl Space Entrance #5	Brown Cork Material	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-74</b> Cork Ceiling Material with Black Tar Crawl Space Entrance #5	Black Mastic	2	None Detected	96%	Chrysotile	4%
<b>212842-02-002-16-75</b> Cork Ceiling Material with Black Tar Crawl Space Entrance #5	Brown Cork Material	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-75</b> Cork Ceiling Material with Black Tar Crawl Space Entrance #5	Black Mastic	2	None Detected	97%	Chrysotile	3%
<b>212842-02-002-16-76</b> Soil Crawl Space Entrance #5	Brown Soil	1	None Detected	100%	Chrysotile	<1%
<b>212842-02-002-16-77</b> Soil Crawl Space Entrance #2, near entrance	Brown Soil	1	None Detected	100%	Chrysotile	<1%



## Results of Polarized Light Microscopy

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Project #	<u>212842</u>		<u>Building 1- All Floors, Crawlspace, and Exterior</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/25/2022 4/26/2022 4/27/2022 4/28/2022 5/4/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-16-78</b> Soil Crawl Space Entrance #2, South of entrance	Brown Soil	1	None Detected	100%	Chrysotile Amosite	<1% <1%
<b>212842-02-002-16-79</b> Soil Crawl Space Entrance #2, North of entrance	Brown Soil	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-16-80</b> Soil Crawl Space Entrance #2, West of entrance	Brown Soil	1	None Detected	100%	Chrysotile	<1%
<b>212842-02-002-16-81</b> Soil A-14 Crawl Space Entrance, near entrance	Brown Soil	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-16-82</b> Soil A-14 Crawl Space Entrance, North of entrance	Brown Soil	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-16-83</b> Soil A-14 Crawl Space Entrance, East of entrance	Brown Soil	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-16-84</b> Cork Pipe Insulation A-14 Crawl Space Entrance,	Brown Cork Pipe Insulation	1	Cellulose - 3%	97%	None Detected	---
<b>212842-02-002-16-84</b> Cork Pipe Insulation A-14 Crawl Space Entrance,	Black Tar	2	Cellulose - 3% Fiber Glass - 2%	95%	None Detected	---



## Results of Polarized Light Microscopy

Client <u>VAMC - Philadelphia VA</u> Project # <u>212842</u> Collected By <u>Criterion Laboratories, Inc.</u>	Site Address <u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551 Building 1- All Floors, Crawlspace, and Exterior</u> Analyzed By <u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Date <u>2/21/2022</u> Sample Received Date <u>3/7/2022</u> Sample Analysis Date(s) <u>4/25/2022 4/26/2022 4/27/2022 4/28/2022 5/4/2022 5/5/2022 5/6/2022</u>
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Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-16-84</b> Cork Pipe Insulation A-14 Crawl Space Entrance,	Gray Paper	3	Cellulose - 90%	10%	None Detected	---
<b>212842-02-002-16-85</b> Soil A-16E Crawl Space Entrance, near entrance	Brown Soil	1	None Detected	98%	Chrysotile Amosite	2% <1%
<b>212842-02-002-16-86</b> Soil A-16E Crawl Space Entrance, North	Brown Soil	1	None Detected	98%	Chrysotile Amosite	2% <1%
<b>212842-02-002-16-87</b> Soil A-16E Crawl Space Entrance, East	Brown Soil	1	None Detected	100%	Chrysotile	<1%
<b>212842-02-002-16-88</b> Cork Ceiling Material with Black Tar A-16E Crawl Space Entrance,	Brown Cork	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-88</b> Cork Ceiling Material with Black Tar A-16E Crawl Space Entrance,	Black Tar	2	Cellulose - 5%	93%	Chrysotile	2%
<b>212842-02-002-16-89</b> Cork Pipe Insulation A-16E Crawl Space Entrance,	Brown Cork Pipe Insulation	1	Cellulose - 1% Fiber Glass - 1%	98%	None Detected	---
<b>212842-02-002-16-89</b> Cork Pipe Insulation A-16E Crawl Space Entrance,	Black Tar	2	Cellulose - 1% Fiber Glass - 1%	98%	None Detected	---



# Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/21/2022</u>
Project #	<u>212842</u>		<u>Building 1- All Floors, Crawlspace, and Exterior</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/25/2022 4/26/2022 4/27/2022 4/28/2022 5/4/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-16-90</b> Black Mastic A/W Styrofoam Ceiling Panels Crawl Space Entrance #5, Northwest of entrance	Black Mastic	1	Cellulose - 2% Fiber Glass - 1%	97%	None Detected	---
<b>212842-02-002-16-90</b> Black Mastic A/W Styrofoam Ceiling Panels Crawl Space Entrance #5, Northwest of entrance	White Ceiling Panels	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-91</b> Black Mastic A/W Styrofoam Ceiling Panels Crawl Space Entrance #5	White Styrofoam	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-91</b> Black Mastic A/W Styrofoam Ceiling Panels Crawl Space Entrance #5	Black Mastic	2	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-92</b> Black Mastic A/W Styrofoam Ceiling Panels Crawl Space Entrance #5	White Styrofoam	1	Cellulose - 2%	98%	None Detected	---
<b>212842-02-002-16-92</b> Black Mastic A/W Styrofoam Ceiling Panels Crawl Space Entrance #5	Black Mastic	2	Cellulose - 2% Fiber Glass - 1%	97%	None Detected	---
<b>212842-02-002-16-93</b> Soil A-028 Crawl Space Entrance, near entrance	Brown Soil	1	None Detected	100%	Chrysotile Amosite	<1% <1%



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/21/2022</u>
Project #	<u>212842</u>		<u>Building 1- All Floors, Crawlspace, and Exterior</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/25/2022 4/26/2022 4/27/2022 4/28/2022 5/4/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-16-94</b> Soil A-028 Crawl Space Entrance, South	Brown Soil	1	None Detected	100%	Chrysotile	<1%
<b>212842-02-002-16-95</b> Soil A-028 Crawl Space Entrance, East	Brown Soil	1	None Detected	100%	Amosite	<1%
<b>212842-02-002-16-96</b> Soil Crawl Space Entrance #3, Far South of entrance	Brown Soil	1	None Detected	100%	Chrysotile Amosite	<1% <1%
<b>212842-02-002-16-97</b> Corrugated Insulation Debris Crawl Space Entrance #3, East	White Paper Insulation	1	Cellulose - 95%	5%	None Detected	---
<b>212842-02-002-16-97</b> Corrugated Insulation Debris Crawl Space Entrance #3, East	Tan Debris	2	None Detected	100%	Chrysotile Amosite	<1% <1%
<b>212842-02-002-16-98</b> Corrugated Insulation Debris Crawl Space Entrance #3, East	Gray Corrugated Insulation Debris	1	Cellulose - 90%	10%	None Detected	---
<b>212842-02-002-16-99</b> Gray Window Header Caulking Exterior Windows (1141 each)	Gray Window Caulking	1	None Detected	97%	Chrysotile	3%
<b>212842-02-002-16-100</b> Gray Window Header Caulking Exterior Windows (1141 each)	Gray Window Caulking	1	None Detected	97%	Chrysotile	3%



## Results of Polarized Light Microscopy

Client	<u>VAMC - Philadelphia VA</u>	Site Address	<u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u>	Sample Date	<u>2/21/2022</u>
Project #	<u>212842</u>		<u>Building 1- All Floors, Crawlspace, and Exterior</u>	Sample Received Date	<u>3/7/2022</u>
Collected By	<u>Criterion Laboratories, Inc.</u>	Analyzed By	<u>Flynn, Alexander Ford, Kyla Marrs, Collin Schwab, Andrew</u>	Sample Analysis Date(s)	<u>4/25/2022 4/26/2022 4/27/2022 4/28/2022 5/4/2022 5/5/2022 5/6/2022</u>

Sample Number Material Description Location	Appearance	Layer	Non-Asbestos		Asbestos	
			Fibrous - %	Non-Fibrous %	Asbestos Type	Percent
<b>212842-02-002-16-101</b> Black Window Caulking Exterior Windows (1141 each)	Black Window Caulking	1	Cellulose - 5%	93%	Chrysotile	2%
<b>212842-02-002-16-102</b> Black Window Caulking Exterior Windows (1141 each)	Black Window Caulking	1	None Detected	98%	Chrysotile	2%
<b>212842-02-002-16-103</b> Black Door Caulking Exterior Doors (28 each)	Black Door Caulking	1	Cellulose - 2% Fiber Glass - 1%	97%	None Detected	---
<b>212842-02-002-16-104</b> Black Door Caulking Exterior Doors (28 each)	Black Door Caulking	1	Cellulose - 2% Fiber Glass - 1%	97%	None Detected	---

Sample Count	<u>103</u>	1 - Insufficient Sample Provided 2 - Insufficient Sample Provided 3 - Insufficient Sample Provided 4 - Insufficient Sample Provided
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James A. Wetz, CIH, Technical Director

Criterion Laboratories, Inc. bears no responsibility for sample collection activities of non-Criterion personnel. Results apply to sample(s) as received. This report relates only to the samples reported above, and when reproduced, must be in its entirety. Estimated accuracy, precision and uncertainty data available on request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting Limit is 1%. QC data associated with this sample set is within acceptable limits. Samples were received in good condition, unless otherwise noted.

Note: If your project number ends with an "R", it is a revised report and replaces the original document in full. The above results represent the analysis of bulk sample(s) by Criterion Laboratories, Inc. according to EPA 40 CFR Part 763 Appendix E to Subpart E - Polarized Light Microscopy. The concentration of asbestos is determined by visual estimation.



## Results of Polarized Light Microscopy

Client <u>VAMC - Philadelphia VA</u> Project # <u>212842</u>	Site Address <u>Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551</u> <u>Building 1- All Floors, Crawlspace, and Exterior</u>	Sample Date <u>2/21/2022</u> Sample Received Date <u>3/7/2022</u> Sample Analysis Date(s) <u>4/25/2022</u> <u>4/26/2022</u> <u>4/27/2022</u> <u>4/28/2022</u> <u>5/4/2022</u> <u>5/5/2022</u> <u>5/6/2022</u>
Collected By <u>Criterion Laboratories, Inc.</u>	Analyzed By <u>Flynn, Alexander</u> <u>Ford, Kyla</u> <u>Marrs, Collin</u> <u>Schwab, Andrew</u>	



Criterion Laboratories, Inc. (ID 100424) is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the IHLAP; EMLAP and ELLAP accreditation programs for Polarized Light Microscopy (PLM), Phase Contrast Microscopy (PCM); Air-Direct Examination; and Airborne Dust, Paint, Settled Dust by Wipe and Soil for Fields of Testing as documented by the Scope of Accreditation Certificate and associated Scope. Additionally, Criterion Laboratories, Inc. is certified by the Center for Disease Control (CDC) Environmental Legionella Isolation Techniques Evaluation (ELITE) Program for the determination of Legionella in water by culture and holds accreditation from the National Voluntary Laboratory Accreditation Program (NVLAP ID 102046-0) for the determination of asbestos in bulk samples by Polarized Light Microscopy (PLM). This test report must not be used to claim product endorsement by NVLAP, NIST, AIHA or any agency of the US Government. Unless specifically listed as above, these test results are not covered under AIHA-LAP, LLC, 100424 accreditation.

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# Chain of Custody

**Matrix** Bulk/Building Material  
**Analyte** Asbestos  
**Analysis Type** PLM  
**Container** Bag  
**Project** 212842  
**Client** VAMC - Philadelphia VA  
**Site Address** Department of Veterans Affairs - Corporal Michael J. Crescenz VAMC, Building 1, 3900 Woodland Avenue, Philadelphia, PA 19104-4551  
**Location** Building 1- All Floors, Crawlspace, and Exterior  
**Turnaround** 3 - 5 Days  
**Field Tech** Craig Gratz  
**Sample Notes** fiberglass insulation observed in crawl spaces and mechanical rooms. limited access to far areas of crawl spaces.

## Chain of Custody Notes

## Additional Analytes

Sample Number	Location	Material Description	Received Condition	Date	Notes
212842-02-002-16-01	9th Floor- A932	White w/ Gray Streaks 12x12 FT w/ Black Mastic	Good	3/7/2022	
212842-02-002-16-02	8th Floor- A840	Gray 9x9 FT w/ Black Mastic	Good	3/7/2022	
212842-02-002-16-03	8th Floor- A839	Plaster Material	Good	3/7/2022	
212842-02-002-16-04	8th Floor- A849	Compressed Paper Pipe Insulation	Good	3/7/2022	
212842-02-002-16-05	8th Floor- B808	Tan Spray-on Fireproofing	Good	3/7/2022	
212842-02-002-16-06	7th Floor- A743	White w/ Gray Streaks 12x12 FT w/ Black Mastic	Good	3/7/2022	
212842-02-002-16-07	7th Floor- B732	Black Mastic	Good	3/7/2022	
212842-02-002-16-08	7th Floor- B733	Light Tan 12x12 FT w/ Yellow Mastic	Good	3/7/2022	
212842-02-002-16-09	7th Floor- B723A	Black Damp Proofing	Good	3/7/2022	
212842-02-002-16-10	6th Floor- A631C	Off-White w/ Tan Streaks 12x12 FT w/ Black Mastic	Good	3/7/2022	
212842-02-002-16-11	6th Floor- A631B	Off-White w/ Tan Streaks 12x12 FT w/ Black Mastic	Good	3/7/2022	
212842-02-002-16-12	6th Floor- A633	Plaster Material	Good	3/7/2022	
212842-02-002-16-13	6th Floor- B627	Black Mastic	Good	3/7/2022	



# Chain of Custody

212842-02-002-16-14	5th Floor- A537C	White w/ Streaks 12x12 FT w/ Black Mastic	Good	3/7/2022
212842-02-002-16-15	5th Floor- A537B	White w/ Streaks 12x12 FT w/ Black Mastic	Good	3/7/2022
212842-02-002-16-16	5th Floor- A536	Gray 9x9 FT w/ Black Mastic	Good	3/7/2022
212842-02-002-16-17	5th Floor- Roof Fan Room	Gray Spray-on Fireproofing	Good	3/7/2022
212842-02-002-16-18	5th Floor- B545	Tan w/ Streaks 12x12 FT w/ Black Mastic	Good	3/7/2022
212842-02-002-16-19	4th Floor- A427B	Gray w/ Dots 12x12 FT w/ Black Mastic	Good	3/7/2022
212842-02-002-16-20	4th Floor- A427C	Gray w/ Dots 12x12 FT w/ Black Mastic	Good	3/7/2022
212842-02-002-16-21	4th Floor- A426	Black Mastic	Good	3/7/2022
212842-02-002-16-22	4th Floor- B422	Black Mastic (under carpet)	Good	3/7/2022
212842-02-002-16-23	4th Floor- B446A	Gray Spray-on Fireproofing	Good	3/7/2022
212842-02-002-16-24	4th Floor- B446A	Gray Spray-on Fireproofing	Good	3/7/2022
212842-02-002-16-25	4th Floor- Roof	Black/Gray Tar Duct Coating	Good	3/7/2022
212842-02-002-16-26	4th Floor- Roof	Black/Gray Tar Duct Coating	Good	3/7/2022
212842-02-002-16-27	4th Floor- Roof	Black/Gray Tar Duct Coating	Good	3/7/2022
212842-02-002-16-28	4th Floor- A419 Mechanical Room	Plaster Material	Good	3/7/2022
212842-02-002-16-29	3rd Floor- A336e	White w/ Gray Streaks 12x12 FT w/ Black Mastic	Good	3/7/2022
212842-02-002-16-30	3rd Floor- 3B170	Tan w/ Streaks 12x12 FT w/ Black Mastic	Good	3/7/2022
212842-02-002-16-31	3rd Floor- Rear right room in chapel	Tan w/ Streaks 12x12 FT w/ Black Mastic	Good	3/7/2022
212842-02-002-16-32	3rd Floor- Rear right room in chapel	Tan Spray-on Fireproofing	Good	3/7/2022
212842-02-002-16-33	3rd Floor- Rear right room in chapel	Drywall/Joint Compound	Good	3/7/2022
212842-02-002-16-34	2nd Floor- A235c/d	Black Mastic	Good	3/7/2022
212842-02-002-16-35	1st Floor- A106	Light Tan 12x12 FT w/ Yellow Mastic	Good	3/7/2022
212842-02-002-16-36	1st Floor- A106b/a	Off-White Sheet Flooring	Good	3/7/2022
212842-02-002-16-37	1st Floor- A106b/a	Off-White Sheet Flooring	Good	3/7/2022
212842-02-002-16-38	1st Floor- A154	Off-White w/ checkers 2x4 Ceiling Tile	Good	3/7/2022
212842-02-002-16-39	1st Floor- A154	Off-White w/ checkers 2x4 Ceiling Tile	Good	3/7/2022



# Chain of Custody

212842-02-002-16-40	1st Floor- A154a, under carpet	Light Tan Marbled 12x12 FT w/ Black Mastic	Good	3/7/2022
212842-02-002-16-41	1st Floor- A157/157a	Black Damp Proofing	Good	3/7/2022
212842-02-002-16-42	1st Floor- A157/157a	Plaster Material	Good	3/7/2022
212842-02-002-16-43	1st Floor- B118, under carpet	Light Tan Marbled 12x12 FT w/ Black Mastic	Good	3/7/2022
212842-02-002-16-44	1st Floor- A174B	Black Tar Condensate Wrap	Good	3/7/2022
212842-02-002-16-45	1st Floor- A174F	Gray Spray-on Fireproofing	Good	3/7/2022
212842-02-002-16-46	1st Floor- A174F	Gray Spray-on Fireproofing	Good	3/7/2022
212842-02-002-16-47	1st Floor- A174F	Gray Spray-on Fireproofing	Good	3/7/2022
212842-02-002-16-48	1st Floor- A174 Suite	Drywall/Joint Compound	Good	3/7/2022
212842-02-002-16-49	1st Floor- A174 Suite	Plaster Material	Good	3/7/2022
212842-02-002-16-50	1st Floor- Canteen	Gray Spray-on Fireproofing	Good	3/7/2022
212842-02-002-16-51	5th Floor- East Ward, A503 to A528	Gray/White w/ multi colors 12x12 FT w/ Yellow Mastic	Good	3/7/2022
212842-02-002-16-52	5th Floor- East Ward, A503 to A528	Drywall/Joint Compound	Good	3/7/2022
212842-02-002-16-53	5th Floor- East Ward, A508	Gray/White w/ multi colors 12x12 FT w/ Yellow Mastic	Good	3/7/2022
212842-02-002-16-54	5th Floor- East Ward, Hallway	Gray/White w/ multi colors 12x12 FT w/ Yellow Mastic	Good	3/7/2022
212842-02-002-16-55	5th Floor- East Ward, A511	Gray/White w/ multi colors 12x12 FT w/ Yellow Mastic	Good	3/7/2022
212842-02-002-16-56	5th Floor- East Ward, Hallway	Gray/White w/ multi colors 12x12 FT w/ Yellow Mastic	Good	3/7/2022
212842-02-002-16-57	Crawl Space Entrance #3, near entrance	Soil	Good	3/7/2022
212842-02-002-16-58	Crawl Space Entrance #3, North of entrance	Soil	Good	3/7/2022
212842-02-002-16-60	Crawl Space Entrance #3, East of entrance	Soil	Good	3/7/2022
212842-02-002-16-61	Crawl Space Entrance #3, south of entrance	Soil	Good	3/7/2022
212842-02-002-16-62	Crawl Space Entrance #1, North of entrance	Soil	Good	3/7/2022



# Chain of Custody

212842-02-002-16-63	Crawl Space Entrance #1, East of entrance	Soil	Good	3/7/2022
212842-02-002-16-64	Crawl Space Entrance #1, at entrance	Soil	Good	3/7/2022
212842-02-002-16-65	Crawl Space Entrance #1, Far East of entrance	Soil	Good	3/7/2022
212842-02-002-16-66	Crawl Space Entrance #1, West of entrance	Soil	Good	3/7/2022
212842-02-002-16-67	Crawl Space Entrance #5, near entrance	Soil	Good	3/7/2022
212842-02-002-16-68	Crawl Space Entrance #5, East of entrance	Soil	Good	3/7/2022
212842-02-002-16-69	Crawl Space Entrance #5, West of entrance	Soil	Good	3/7/2022
212842-02-002-16-70	Crawl Space Entrance #5, South of entrance	Soil	Good	3/7/2022
212842-02-002-16-71	Crawl Space Entrance #5, North of entrance	Soil	Good	3/7/2022
212842-02-002-16-72	Crawl Space Entrance #5	Cork Pipe Insulation	Good	3/7/2022
212842-02-002-16-73	Crawl Space Entrance #5	Cork Ceiling Material with Black Tar	Good	3/7/2022
212842-02-002-16-74	Crawl Space Entrance #5	Cork Ceiling Material with Black Tar	Good	3/7/2022
212842-02-002-16-75	Crawl Space Entrance #5	Cork Ceiling Material with Black Tar	Good	3/7/2022
212842-02-002-16-76	Crawl Space Entrance #5	Soil	Good	3/7/2022
212842-02-002-16-77	Crawl Space Entrance #2, near entrance	Soil	Good	3/7/2022
212842-02-002-16-78	Crawl Space Entrance #2, South of entrance	Soil	Good	3/7/2022
212842-02-002-16-79	Crawl Space Entrance #2, North of entrance	Soil	Good	3/7/2022
212842-02-002-16-80	Crawl Space Entrance #2, West of entrance	Soil	Good	3/7/2022
212842-02-002-16-81	A-14 Crawl Space Entrance, near entrance	Soil	Good	3/7/2022
212842-02-002-16-82	A-14 Crawl Space Entrance, North of entrance	Soil	Good	3/7/2022
212842-02-002-16-83	A-14 Crawl Space Entrance, East of entrance	Soil	Good	3/7/2022



# Chain of Custody

212842-02-002-16-84	A-14 Crawl Space Entrance,	Cork Pipe Insulation	Good	3/7/2022
212842-02-002-16-85	A-16E Crawl Space Entrance, near entrance	Soil	Good	3/7/2022
212842-02-002-16-86	A-16E Crawl Space Entrance, North	Soil	Good	3/7/2022
212842-02-002-16-87	A-16E Crawl Space Entrance, East	Soil	Good	3/7/2022
212842-02-002-16-88	A-16E Crawl Space Entrance,	Cork Ceiling Material with Black Tar	Good	3/7/2022
212842-02-002-16-89	A-16E Crawl Space Entrance,	Cork Pipe Insulation	Good	3/7/2022
212842-02-002-16-90	Crawl Space Entrance #5, Northwest of entrance	Black Mastic A/W Styrofoam Ceiling Panels	Good	3/7/2022
212842-02-002-16-91	Crawl Space Entrance #5	Black Mastic A/W Styrofoam Ceiling Panels	Good	3/7/2022
212842-02-002-16-92	Crawl Space Entrance #5	Black Mastic A/W Styrofoam Ceiling Panels	Good	3/7/2022
212842-02-002-16-93	A-028 Crawl Space Entrance, near entrance	Soil	Good	3/7/2022
212842-02-002-16-94	A-028 Crawl Space Entrance, South	Soil	Good	3/7/2022
212842-02-002-16-95	A-028 Crawl Space Entrance, East	Soil	Good	3/7/2022
212842-02-002-16-96	Crawl Space Entrance #3, Far South of entrance	Soil	Good	3/7/2022
212842-02-002-16-97	Crawl Space Entrance #3, East	Corrugated Insulation Debris	Good	3/7/2022
212842-02-002-16-98	Crawl Space Entrance #3, East	Corrugated Insulation Debris	Good	3/7/2022
212842-02-002-16-99	Exterior Windows (1141 each)	Gray Window Header Caulking	Good	3/7/2022
212842-02-002-16-100	Exterior Windows (1141 each)	Gray Window Header Caulking	Good	3/7/2022
212842-02-002-16-101	Exterior Windows (1141 each)	Black Window Caulking	Good	3/7/2022
212842-02-002-16-102	Exterior Windows (1141 each)	Black Window Caulking	Good	3/7/2022
212842-02-002-16-103	Exterior Doors (28 each)	Black Door Caulking	Good	3/7/2022
212842-02-002-16-104	Exterior Doors (28 each)	Black Door Caulking	Good	3/7/2022

**Sample Count** 103

Handling Chain Type	Handled By	Date	Time	Notes
Report Results To	Melissa Billingsley	2/21/2022		
Send Reports To	VAMC - Philadelphia VA	2/21/2022		
Samples Taken By	Craig Gratz	2/21/2022	08:45	
Samples Taken By	Craig Gratz	2/22/2022	08:30	
Samples Taken By	Craig Gratz	2/23/2022	09:00	



# Chain of Custody

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Samples Taken By	Craig Gratz	2/24/2022	08:30
Transported By	Craig Gratz	2/24/2022	16:00
Relinquished By	Craig Gratz	3/6/2022	15:00
Received By	Michael Hess	3/7/2022	09:14
Analyzed By	Kyla Ford	4/26/2022	13:18
Analyzed By	Alexander Flynn	5/5/2022	13:17
Analyzed By	Collin Marrs	5/5/2022	16:18
Analyzed By	Andrew Schwab	5/6/2022	12:18
Reviewed By	Collin Marrs	5/6/2022	15:43

## **2.2 TRANSMISSION ELECTRON MICROSCOPY (TEM)**



**CERTIFICATE OF TEM ANALYSIS**

TEM Test Method: EPA 600/R-93/116 (gravimetric reduction)

Revision #: 0

Report Date: 6/11/2022

**Sampling Data**

BLI Project #: R114820  
Project Name: CRITERION LABS - 212842, VAMC  
Project Location: Philadelphia, PA

Date Sampled: 2/10/2022  
Sampled By: Client  
Date Analyzed: 6/11/2022

**Analytical Data**

Lab Sample # PLM	Client Sample # Homogenous Area I.D.	Sample Location	Material Description	Sample Color	Gravimetric Data			PLM-NOB Analytical Results			TEM-NOB Analytical Results		
					Ashed Residue (%)	Insoluble Residue (%)	Other Content (%)	Non-Asbestos Content Inorganic and Other Fibrous Content	Asbestos Content By PLM <sup>2</sup>	Non-Asbestos Content Inorganic Fibrous Content <sup>1</sup>	Asbestos Content By TEM <sup>2</sup>		
- 1294570	212842-14-02 n/a	N/A	FT	Gray	78.94	14.26	N/A	N/A	Analysis Not Requested	92.87%	Other, Particulate	7.13% Chrysotile	
- 1294571	212842-14-02 LAYER n/a	N/A	Mastic	Yellow	52.17	2.90	N/A	N/A	Analysis Not Requested	99.86%	Other, Particulate	0.14% Chrysotile	
- 1294572	212842-14-20 n/a	N/A	FT	White	86.90	15.87	N/A	N/A	Analysis Not Requested	100%	Other, Particulate	None Detected	
- 1294573	212842-14-20 LAYER n/a	N/A	Mastic	Black	43.40	3.43	N/A	N/A	Analysis Not Requested	100%	Other, Particulate	None Detected	

TEM

Analyst(s): Angela Lewis

Reviewed By: Angela Lewis

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<sup>1</sup> Unless otherwise specified in the report, contents of non-asbestos inorganic fibers are not given.  
<sup>2</sup> Results reported are based on final residue through matrix reduction. Due to resolution differences, discrepancies between TEM results and PLM results are expected. Based on a possible analytical conditions within published methodology, method detection limits (MDL) of 0.05% (for TEM) and 0.20% (for PLM) have been determined.

This report does not constitute endorsement by NVLAP and/or any other U.S. government agencies. The test data pertain only to the items tested. No assumptions or conclusions should be made to materials or samples not analyzed. Furthermore, Batta Laboratories assumes no responsibility for the accuracy of results influenced by the use of improper collection techniques or equipment. Due to the general inhomogeneity of asbestos-containing materials (ACM), EPA and OSHA have recommended submission of at least three samples of each type of materials for analysis. Submission of fewer samples may compromise the accuracy of ACM determination.





BL Project #: R114820

## CHAIN OF CUSTODY

Customer Billing Information:		Shipping Information		Turnaround Times (check one, refer to notes)		Method of Payment	
Name:	<u>Criterion Labs, Inc.</u>	<input type="checkbox"/> Picked up by BATTA	<input type="checkbox"/> Delivered by customer	<input type="checkbox"/> 6 Hours / Rush (*Note 1)	<input type="checkbox"/> Cash	<input type="checkbox"/> Visa/MasterCard/Discover	
Billing Address 1:	<u>400 Street Road</u>	<input type="checkbox"/> Shipped by customer	<input checked="" type="checkbox"/> Shipped by customer	<input type="checkbox"/> 24 Hours	<input type="checkbox"/> Money Order		
Billing Address 2:	<u>Bensalem, PA 19020</u>			<input type="checkbox"/> 48 Hours	<input type="checkbox"/> Purchase Order #		
Phone:	<u>215-244-1300</u>			<input checked="" type="checkbox"/> 72 Hours	<input type="checkbox"/> Check #		
Email:	<u>mbillingsley@criteriolabs.com</u>			<input type="checkbox"/> 5 Days	<input type="checkbox"/> Other		
Results To:	<u>Melissa Billingsley</u>			<input type="checkbox"/> 5-10 Days			

**\* Notes Regarding Turnaround Times (TATs)**  
Specific TATs depend on the test requested. TATs may not be available for all types of analysis.  
\*Note 1: Client must make arrangements with lab to guarantee 6 Hour/RUSH TAT - Call 1 (855)-862-2882  
\*Note 2: Unless a specific time is requested, results are guaranteed by 5pm on the following business day.  
\*Note 3: Unless a specific time is requested, results are guaranteed by 5pm on the 2nd business day.  
\*Note 4: Unless a specific time is requested, results are guaranteed by 5pm on the 3rd business day.  
\*Note 5: Unless a specific time is requested, results are guaranteed by 5pm on the 5th business day.  
\*Note 6: Unless a specific time is requested, results are guaranteed by 5pm on the 10th business day.

### Client Project Information

Project Name:	<u>VAMC</u>	Project Location:	<u>Philadelphia, PA</u>	Project #:	<u>212842</u>	Sampled By:	<u>C. Gratz</u>
		If solid waste, will results be used for disposal in NJ?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
		Were the samples collected in New Jersey?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				

### Sample Information

Lab Use Only	Field Sample ID#	Sample Location & Description	Sampling Date & Time	Sampling Info for Air (Surface Samples)			Sample Type	Test Method	Laboratory Use Only	
				Start Time	Stop Time	Flow Rate			Volume/Area	Results
<u>1254</u>	<u>212842-14-02</u>	<u>Garfield PA 19708</u>	<u>2/10/22</u>				<u>Bulk</u>	<u>PEM</u>		
<u>520/521</u>	<u>212842-14-02</u>	<u>Garfield PA 19708</u>	<u>2/10/22</u>					<u>NAB</u>		
<u>520/523</u>	<u>212842-14-02</u>	<u>Garfield PA 19708</u>	<u>2/10/22</u>							

Special Instructions From Client: X.C. Gratz

Sample Relinquished By: X.C. Gratz Date: 6/6/22 Time: 9:20

Sample Received By: X.C. Gratz Date: 6/7/22 Time: 9:20

Logged-In by: X.C. Gratz Log-In Date: 6/7/22 Date: 6/7/22

Field Samples Acceptable  Yes  No  On Ice

Sample #:      Sample Condition:     

For drinking water samples: for results to be valid, lab must receive samples on ice and within 48 hours of collection. For air samples collected by NIOSH 7400 and 7402: in accordance with these NIOSH methods, two field blanks. (or 10% of the number of field samples submitted, whichever is greater) must be submitted and be analyzed with field samples.

For solid waste samples: Before solid waste materials such as soil, ash, sludge, dredge spoils, etc. are disposed in New Jersey, they must undergo analysis following TCLP protocol. BATA Labs is not responsible for waste disposal misrepresentations on this document. Document Control Item AM5

### **3.0 ASBESTOS INVENTORY**

## SECTION 3.0 ASBESTOS INVENTORY

**Building 1**  
**Michael Crescenz VA Medical Center**  
**3900 Woodland Avenue**  
**Philadelphia, PA**

<u>Location</u>	<u>Material</u>	<u>Quantity</u>	<u>Condition</u>
<b>Basement</b>			
B-9 Mechanical Room	Green 9"x9" Floor Tile	10 Square Feet (SF)	Damaged
Room B-037- in wall	Block Pipe Insulation	40 Linear Feet (LF)	Damaged
Room A-15 Biomed- in wall	Block Pipe Insulation	20 LF	Not Damaged
Room A-4a	Black Mastic A/W Gray 12"x12" Floor Tile	200 SF	Not Damaged
Room A-25	Block Pipe Insulation	40 LF	Not Damaged
Room A-25-in wall	Block Pipe Insulation	30 LF	Not Damaged
Room B-028	Tan w/ Streaks 9"x9" Floor Tile	280 SF	Not Damaged
Room B-20	Block Pipe Insulation	10 LF	Not Damaged
Room A-9- in wall	Block Pipe Insulation	40 LF	Not Damaged
Room A-23 Morgue Foyer	Black Mastic A/W White w/pink 12"x12" Floor Tile	100 SF	Not Damaged
Room A-4 Server Room	Block Pipe Insulation	40 LF	Damaged
Room B-22	Block Pipe Insulation	10 LF	Not Damaged
Room B-22- in wall	Block Pipe Insulation	20 LF	Not Damaged
Room B-19- in Wall	Block Pipe Insulation	60 LF	Not Damaged
Room B-19	Block Pipe Insulation	15 LF	Significant

**SECTION 3.0  
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<u>Location</u>	<u>Material</u>	<u>Quantity</u>	<u>Condition</u>
<b>Basement (continued)</b>			
Room B-21	Block Pipe Insulation	10 LF	Not Damaged
<b>1<sup>st</sup> Floor</b>			
Room A-112- in wall	Block Pipe Insulation	20 LF	Not Damaged
Room A-154- in walls and above ceiling	Block Pipe Insulation	45 LF	Not Damaged
Room A-157a- in walls and above ceiling	Block Pipe Insulation	22 LF	Not Damaged
Room A-157- in walls and above ceiling	Block Pipe Insulation	36 LF	Not Damaged
Room A-174B- in walls and above ceiling	Block Pipe Insulation	105 LF	Not Damaged
Room A-174C- in walls and above ceiling	Block Pipe Insulation	45 LF	Not Damaged
Room A-174F- in walls and above ceiling	Block Pipe Insulation	20 LF	Not Damaged
Room A-174E- in walls and above ceiling	Block Pipe Insulation	40 LF	Not Damaged

**SECTION 3.0  
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<u>Location</u>	<u>Material</u>	<u>Quantity</u>	<u>Condition</u>
<b>1<sup>st</sup> Floor (continued)</b>			
Room A-160- in walls and above ceiling	Block Pipe Insulation	50 LF	Not Damaged
Room A-163- in walls and above ceiling	Block Pipe Insulation	15 LF	Not Damaged
Room A-162a- in walls and above ceiling	Block Pipe Insulation	32 LF	Not Damaged
Room A-162- in walls and above ceiling	Block Pipe Insulation	34 LF	Not Damaged
Area outside of Room A-162a- in walls and above ceiling	Block Pipe Insulation	35 LF	Damaged
Room A-161- in walls and above ceiling	Block Pipe Insulation	26 LF	Not Damaged
Room A-174i- in wall	Block Pipe Insulation	20 LF	Not Damaged
Room A-177 Board Room- in walls and above ceiling	Block Pipe Insulation	106 LF	Damaged
Room A-154B- in wall and above ceiling	Block Pipe Insulation	35 LF	Not Damaged

**SECTION 3.0  
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<u>Location</u>	<u>Material</u>	<u>Quantity</u>	<u>Condition</u>
<b>1<sup>st</sup> Floor (continued)</b>			
Hallway from A153-A177	Pipe Hanger Insulation A/W Fiberglass	6 Each (EA)	Not Damaged
Hallway from A153-A177	Wrap A/W Fiberglass Elbows	18 EA	Not Damaged
Room A-164- in walls and above ceiling	Block Pipe Insulation	40 LF	Not Damaged
Main Lobby	Transite Panels inside Radiator*	24 SF	Not Damaged
Main Lobby	Tan Textured Transite Wall Panels (previously identified as ACM)	240 SF	Not Damaged
A-105 Suite- in wall	Block Pipe Insulation	60 LF	Not Damaged
A-108 Suite- in walls	Block Pipe Insulation	180 LF	Not Damaged
Room A-116- in wall	Block Pipe Insulation	30 LF	Not Damaged
Room A-115- in wall	Block Pipe Insulation	30 LF	Not Damaged
Room A-102- in wall	Block Pipe Insulation	20 LF	Not Damaged
Room A-113- in wall	Block Pipe Insulation	10 LF	Not Damaged
Room A-136	Gray 9"x9" Floor Tile	15 SF	Not Damaged
Room A-136a	Gray 9"x9" Floor Tile	1 SF	Not Damaged
Main Lobby- above hard ceiling	Block Pipe Insulation	25 LF	Not Damaged

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<u>Location</u>	<u>Material</u>	<u>Quantity</u>	<u>Condition</u>
<b>1<sup>st</sup> Floor (continued)</b>			
Room B-112- in wall	Block Pipe Insulation	20 LF	Not Damaged
Room B-105- in wall	Block Pipe Insulation	10 LF	Not Damaged
Room B-106- in wall	Block Pipe Insulation	20 LF	Not Damaged
Room B-110- in wall	Block Pipe Insulation	20 LF	Damaged
Room B-109- in wall	Block Pipe Insulation	10 LF	Not Damaged
Hallway outside Module E	Pipe Hanger Insulation A/W Fiberglass	6 EA	Not Damaged
Elevator Lobby/Main Hallway	Pipe Hanger Insulation A/W Fiberglass	26 EA	Not Damaged
Elevator Lobby/Main Hallway	Wrap A/W Fiberglass Elbows	9 EA	Not Damaged
<b>2<sup>nd</sup> Floor</b>			
Room B-238D- in wall	Block Pipe Insulation	10 LF	Not Damaged
Hallways	Black Mastic A/W Pink w/ Multi colors 12"x12" Floor Tile	5310 SF	Not Damaged
Throughout	Sprinkler Pipe Thread sealant	--	Not Damaged
Hallway near service elevator lobby	Pipe Hanger Insulation A/W Fiberglass	6 EA	Not Damaged

**SECTION 3.0  
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<b><u>Location</u></b>	<b><u>Material</u></b>	<b><u>Quantity</u></b>	<b><u>Condition</u></b>
<b>3<sup>rd</sup> Floor</b>			
Room B-346	Black Mastic A/W Blue Sheet Flooring	150 SF	Not Damaged
Room B-336	Black Mastic A/W Blue Sheet Flooring	150 SF	Not Damaged
Room B-335	Black Mastic A/W Blue Sheet Flooring	150 SF	Not Damaged
Room B-344	Black Mastic A/W Blue Sheet Flooring	150 SF	Not Damaged
Room B-341	Black Mastic A/W Blue Sheet Flooring	150 SF	Not Damaged
Room B-332	Black Mastic A/W Blue Sheet Flooring	150 SF	Not Damaged
Room B-349	Black Mastic A/W Blue Sheet Flooring	150 SF	Not Damaged
Room B-353	Black Mastic A/W Tan Sheet Flooring	50 SF	Not Damaged
Dental Clinic Hallway	Black Mastic A/W Tan Sheet Flooring	900 SF	Not Damaged
Room B-338	Black Mastic A/W Tan Sheet Flooring	780 SF	Not Damaged
Room B-327	Black Mastic A/W Tan Sheet Flooring	420 SF	Not Damaged
Room B-352	Black Mastic A/W Tan Sheet Flooring	200 SF	Not Damaged
Room B-333	Black Mastic A/W Tan Sheet Flooring	150 SF	Not Damaged
Room B-348	Black Mastic A/W Tan Sheet Flooring	150 SF	Not Damaged
Room B-343	Black Mastic A/W Tan Sheet Flooring	150 SF	Not Damaged



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<u>Location</u>	<u>Material</u>	<u>Quantity</u>	<u>Condition</u>
<b>3<sup>rd</sup> Floor (continued)</b>			
Room B-350	Black Mastic A/W Tan Sheet Flooring	100 SF	Not Damaged
Hallways/Elevator Lobby	Wrap A/W Fiberglass Elbows	20 EA	Not Damaged
Hallways/Elevator Lobby	Pipe Hanger Insulation A/W Fiberglass	26 EA	Not Damaged
Hallway	Compressed Paper Pipe Insulation	50 LF	Not Damaged
<b>4<sup>th</sup> Floor</b>			
Room B-422	Black Mastic (under carpet)	180 SF	Not Damaged
Room A-433 Clinical Research Area	White Floor Tile and Black Mastic (under carpet)	2000 SF	Not Damaged
Room B-425	Black Mastic (under carpet)	150 SF	Not Damaged
Room B-426	Black Mastic (under carpet)	150 SF	Not Damaged
Room B-419	Black Mastic (under carpet)	150 SF	Not Damaged
Room B-423	Black Mastic (under carpet)	150 SF	Not Damaged
Room B-421	Black Mastic (under carpet)	150 SF	Not Damaged
Room B-422	Black Mastic (under carpet)	150 SF	Not Damaged
Room B-428	Black Mastic (under carpet)	130 SF	Not Damaged
Room B-430	Black Mastic (under carpet)	150 SF	

**SECTION 3.0  
 ASBESTOS INVENTORY**

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<u>Location</u>	<u>Material</u>	<u>Quantity</u>	<u>Condition</u>
<b>4<sup>th</sup> Floor</b>			
Room B-430	Wrap A/W Fiberglass Pipe Elbows	6 EA	Not Damaged
Room B-430	Pipe Hanger Insulation A/W Fiberglass	1 EA	Not Damaged
Hallways/Elevator Lobby	Pipe Hanger Insulation A/W Fiberglass	6 EA	Not Damaged
Hallways/Elevator Lobby	Wrap A/W Fiberglass Pipe Elbows	4 EA	Not Damaged
<b>5<sup>th</sup> Floor</b>			
Room A-532- in wall	Block Pipe Insulation	30 LF	Not Damaged
Room A-533- in wall	Block Pipe Insulation	20 LF	Not Damaged
Room B-529- in wall	Block Pipe Insulation	16 LF	Not Damaged
Room B-530- in wall	Block Pipe Insulation	20 LF	Not Damaged
Room B-532- in wall	Block Pipe Insulation	20 LF	Not Damaged
Elevator Lobby	Wrap A/W Fiberglass Elbows	8 EA	Not Damaged
Room A-536	Gray 9"x9" Floor Tile	10 SF	Not Damaged
<b>6<sup>th</sup> Floor</b>			
Room A-630	Gray 9"x9" Floor Tile	10 SF	Not Damaged
Hallways/Elevator Lobby	Wrap A/W Fiberglass Elbows	6 EA	Not Damaged

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<u>Location</u>	<u>Material</u>	<u>Quantity</u>	<u>Condition</u>
<b>6<sup>th</sup> Floor (continued)</b>			
Elevator Lobby	Pipe Hanger Insulation A/W Fiberglass	16 EA	Not Damaged
Room A-639B- in wall	Block Pipe Insulation	50 LF	Not Damaged
Suite A-637- in wall	Block Pipe Insulation	60 LF	Not Damaged
Room A-635- in wall	Block Pipe Insulation	20 LF	Not Damaged
Room A-639- in wall	Block Pipe Insulation	20 LF	Not Damaged
<b>7<sup>th</sup> Floor</b>			
Room A-732- in wall	Block Pipe Insulation	10 SF	Not Damaged
Room B-703- in wall	Block Pipe Insulation	20 LF	Not Damaged
Room B-741- in wall	Block Pipe Insulation	20 LF	Not Damaged
Room B-738- in wall	Block Pipe Insulation	20 LF	Not Damaged
Room B-704- in wall	Block Pipe Insulation	20 LF	Not Damaged
Room B-722	Pipe Hanger Insulation A/W Fiberglass	2 EA	Not Damaged
Room B-728- in wall	Block Pipe Insulation	10 LF	Not Damaged
Room B-740- in wall	Block Pipe Insulation	16 LF	Not Damaged

**SECTION 3.0  
 ASBESTOS INVENTORY**

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<u>Location</u>	<u>Material</u>	<u>Quantity</u>	<u>Condition</u>
<b>8<sup>th</sup> Floor</b>			
Room A-846	Gray 9"x9" Floor Tile	12 SF	Not Damaged
Room A-840	Gray 9"x9" Floor Tile	25 SF	Not Damaged
Room A-849	Compressed Paper Pipe Insulation	12 LF	Damaged
Room A-849- in wall	Black Mastic A/W Blue Sheet Flooring	60 LF	Not Damaged
<b>9<sup>th</sup> Floor</b>			
Room A-927/926	Gray 9"x9" Floor Tile	10 SF	Not Damaged
<b>Stairways</b>			
Stairway #1- Penthouse level, above hard ceiling	Block Pipe Insulation	50 LF	Not Damaged
Stairway #2- 9 <sup>th</sup> Floor	Transite Panels inside Radiator *	12 SF	Not Damaged
Stairway #2- 7 <sup>th</sup> Floor	Transite Panels inside Radiator *	12 SF	Not Damaged
Stairway #2- 5 <sup>th</sup> Floor	Transite Panels inside Radiator *	12 SF	Not Damaged
Stairway #2- 3 <sup>rd</sup> Floor	Transite Panels inside Radiator *	12 SF	Not Damaged
Stairway #2- 1 <sup>st</sup> Floor	Transite Panels inside Radiator *	12 SF	Not Damaged
Stairway #3- 8 <sup>th</sup> Floor	Transite Panels inside Radiator *	12 SF	Not Damaged
Stairway #3- 6 <sup>th</sup> Floor	Transite Panels inside Radiator *	12 SF	Not Damaged

**SECTION 3.0  
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<u>Location</u>	<u>Material</u>	<u>Quantity</u>	<u>Condition</u>
<b>Stairways (continued)</b>			
Stairway #3- 4 <sup>th</sup> Floor	Transite Panels inside Radiator *	12 SF	Not Damaged
Stairway #3- 2 <sup>nd</sup> Floor	Transite Panels inside Radiator *	12 SF	Not Damaged
Stairway #5- 9 <sup>th</sup> Floor	Transite Panels inside Radiator *	12 SF	Not Damaged
Stairway #5- 7 <sup>th</sup> Floor	Transite Panels inside Radiator *	12 SF	Not Damaged
Stairway #5- 3 <sup>rd</sup> Floor	Transite Panels inside Radiator *	12 SF	Not Damaged
Stairway #5- 1 <sup>st</sup> Floor	Transite Panels inside Radiator *	12 SF	Not Damaged
Stairway #5- Basement	Transite Panels inside Radiator *	12 SF	Not Damaged
<b>Crawl Spaces</b>			
Near Entrance #3, South of Entrance	Transite Panels	1200 SF	Not Damaged
Near Entrance #5	Cork Pipe Insulation	300 LF	Not Damaged
Near Entrance #5	Cork Ceiling Material w/ Black Tar	1000 SF	Damaged
Near Room A-14 Entrance	Cork Pipe Insulation	100 LF	Not Damaged
Near Room A-16E Entrance	Cork Ceiling Material w/ Black Tar	800 SF	Not Damaged
Near Room A-16E Entrance	Cork Pipe Insulation	200 LF	Not Damaged

**SECTION 3.0  
ASBESTOS INVENTORY**

**Building 1  
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<u>Location</u>	<u>Material</u>	<u>Quantity</u>	<u>Condition</u>
<b>Exterior</b>			
Exterior Windows	Gray Window Header Caulking	4564 LF	Not Damaged
Exterior Windows	Black Window Caulking	18256 LF	Not Damaged

- 
- \*Transite panels inside radiators were visually identified as asbestos containing
- Additional pipe insulation may be found behind hard walls and ceilings.
  - Limited access to occupied patient areas.
  - Quantities are approximated and should be verified by abatement contractor.
  - No access to A-23B and A-23C Morgue Areas

## **4.0 SUSPECT MATERIALS TESTING NEGATIVE FOR ASBESTOS CONTENT**

#### 4.0 Suspect Materials Testing Negative for Asbestos Content

The following materials were observed, sampled, submitted for analysis and found not to be asbestos-containing materials:

##### **Building 1**

- Drywall/Joint Compound
- Black Mastic A/W Green 9"x9" Floor Tile
- Plaster Material (wall)
- Sprinkler Thread Sealant
- Black Vibration Cloth
- Large Diameter Fittings A/W Fiberglass Pipe Insulation
- White Pipe Wrap A/W Large Diameter Pipe Insulation
- Fittings A/W Large Diameter Pipe Insulation
- Tan Spray-on Fireproofing
- White 2'x4' Ceiling Tile
- White/Blue 12"x12" Floor Tile and Black Mastic
- Cork Pipe Insulation w/ Black Tar
- Tan 12"x12" Floor Tile and Yellow Mastic
- Gray 12"x12" Floor Tile
- Tan w/ Streaks 12"x12" Floor Tile and Black Mastic
- Light Brown/Red 12"x12" Floor Tile and Black Mastic
- Fittings A/W Fiberglass Pipe Insulation
- Black Tar Condensate Wrap
- Black Mastic
- White 12"x12" Floor Tile and Black Mastic and Gray Leveler
- Gray 2<sup>nd</sup> Layer Floor Tile and Yellow Mastic
- White 12"x12" Floor Tile and Yellow Mastic
- Black Mastic A/W Tan w/Streaks 9"x9" Floor Tile
- White w/ Pink 12"x12" Floor Tile
- White w/Streaks 12"x12" Floor Tile and Yellow Mastic
- Black Mastic A/W Raised Floor Feet
- Black Mastic (under raised floor)
- White w/Streaks 12"x12" Floor Tile and Black Mastic
- White w/ Tan Streaks 12"x12" Floor Tile and Black Mastic
- White 2<sup>nd</sup> Layer Flooring and Black Mastic
- White 2'x4' Rough Texture Ceiling Tile
- Pink w/Multi Colors 12"x12" Floor Tile and Yellow Mastic
- Light Tan 12"x12" Floor Tile and Yellow Mastic
- Brown 12"x2" Floor Tile and Black Mastic
- Black/Yellow Carpet Mastic
- White 2'x2' Ceiling Tile
- White w/Gray Streaks 12"x12" Floor Tile and Yellow Mastic



#### 4.0 Suspect Materials Testing Negative for Asbestos Content (continued)

- Tan w/Multi colors 12"x12" Floor Tile and Yellow Mastic
- Gray Troweled-on Fireproofing
- Brown w/ multi colors 12"x12" Floor Tile and Black Mastic
- Plaster Material (Ceiling)
- White 2'x4' Partition Ceiling Tile
- Light Gray 12"x12" Floor Tile and Yellow Mastic
- White Smooth 2'x4' Ceiling Tile
- Gray Spray-on Fireproofing
- Gray w/Blotches 12"x12" Floor Tile and Yellow/Black Mastic
- Light Blue 12"x12" Floor Tile and Yellow/Black Mastic
- Light Blue Sheet Flooring
- Tan w/ Yellow and Purple 12"x12" Floor Tile and Yellow Mastic
- Blue w/ multi color 12"x12" Floor Tile and Yellow Mastic
- Tan/Green 12"x12" Floor Tile and black Mastic
- Tan Marbled 12"x12" Floor Tile and Black Mastic
- Pink 12"x12" Floor Tile and Yellow Mastic
- Black Carpet Mastic
- Tan/Green w/multi colors 12"x12" Floor Tile and Black Mastic
- White 2'x2' Rough Texture Ceiling Tiles
- Off-White w/dots 12"x12" Floor Tile and Black Mastic
- Blue 12"x12" Floor Tile and Yellow Mastic
- Black Damp Proofing
- Tan/Blue 12"x12" Floor Tile and Black Mastic
- Multi-color w/ dots Sheet Flooring
- Light/Dark Tan 12"x12" Floor Tile and Yellow Mastic
- Tan Sheet Flooring
- Black Mastic (under carpet)
- Light/Dark Tan 12"x12" Floor Tile and Black Mastic and Gray Leveler
- Gray Epoxy Flooring
- Blue 12"x12" Floor Tile and Yellow Mastic
- White w/Gray Streaks 12"x12" Floor Tile and Black Mastic
- Black Mastic under Faux Wood Vinyl Flooring
- Tan/Pink 12"x12" Floor Tile and Black Mastic
- Light/Dark Tan 12"x12" Floor Tile and Black Mastic
- Light/Dark Tan w/multi colors 12"x12" Floor Tile and Yellow Mastic
- White/Gray w/multi colors 12"x12" Floor Tile and Yellow Mastic
- White/Gray w/multi colors 12"x12" Floor Tile and Black Mastic
- Blue/Gray Sheet Flooring
- White w/Blue Streaks 12"x12" Floor Tile and Black Mastic
- Green/Tan 12"x12" Floor Tile and Black Mastic
- White 12"x12" Floor Tile and Black Mastic (under carpet)
- Gray 12"x12" Floor Tile and Yellow Mastic

#### 4.0 Suspect Materials Testing Negative for Asbestos Content (continued)

- Gray 12"x12" Floor Tile and Black Mastic
- Tan 12"x12" Floor Tile and Black Mastic
- Gray w/ multi colors 12"x12" Floor Tile and Black Mastic
- White w/ multi colors 12"x12" Floor Tile and Black Mastic
- White 2'x2' Ceiling Tile w/ Pinholes
- Black Mastic A/W Gray 9"x9" Floor Tile
- Tan w/Multi colors 12"x12" Floor Tile and Black Mastic
- Gray w/Dots 12"x12" Floor Tile and Yellow Mastic
- Gray w/ Streaks 12"x12" Floor Tile and Black Mastic
- White 2'x4' Ceiling Tile w/ Pinholes
- Gray Leveler and Black Mastic
- White Wrap A/W Drainpipe
- Off-White w/ Multi Colors 12"x12" Floor Tile and Black Mastic and Gray Leveler
- Blue Marbled/Tan 12"x12" Floor Tile and Black Mastic and Gray Leveler
- White/Gray Sheet Flooring and Black Mastic
- Black Interior Window Caulking
- Gray Door Caulking
- Plaster A/W Tank Interior
- White Paper Duct Insulation
- White Textured Plaster Ceiling
- Light Tan 12"x12" Floor Tile and Black and Yellow Mastic
- Green 12"x12" Floor Tile and Yellow Mastic
- White/Blue 12"x12" Floor Tile and Black Mastic
- Peach 12"x12" Floor Tile and Black and Yellow Mastic
- Light Pink 12"x12" Floor Tile and Black Mastic
- Pink w/Multi Colors 12"x12" Floor Tile and Black Mastic
- Pink 12"x12" Floor Tile and Black and Yellow Mastic
- Tan Patterned Sheet Flooring and Yellow Mastic
- Light Tan Marbled 12"x12" Floor Tile and Black Mastic
- Off-White w/Tan Streaks 12"x12" Floor Tile and Black Mastic
- White w/Streaks 12"x12" Floor Tile and Black Mastic
- Gray w/Dots 12"x12" Floor Tile and Black Mastic
- Black/Gray Tar Duct Coating
- Off-White Sheet Flooring
- Off-White w/checkers 2'x4' Ceiling Tile
- Gray/White w/ multi colors 12"x12" Floor Tile and Yellow Mastic
- Black Mastic A/W Styrofoam Ceiling Panels
- Black Door Caulking

#### 4.0 Suspect Materials Testing Negative for Asbestos Content (continued)

##### **Building1- A/E Wing**

- Gray 12"x12" Floor Tile and Yellow Mastic
- Gray Spray-on Fireproofing
- White 2'x4' Ceiling Tiles
- Drywall/Joint Compound
- Off-White 2'x4' Ceiling Tile w/ Panels
- Gray Sink Mastic
- White 2'x2' Ceiling Tiles
- Sprinkler Thread Sealant
- White w/ Tan Streaks 12"x12" Floor Tile and Black Mastic

## **5.0 SAMPLING METHODOLOGY**

## 5.0 Sampling Methodology

Bulk samples of suspected asbestos-containing material (ACM) were collected in accordance with guidelines set forth by the Environmental Protection Agency (EPA) and the National Institute for Occupational Safety and Health (NIOSH). The procedures for obtaining a bulk sample of suspected ACM are:

1. "Functional Spaces" in the Property were identified. A Functional Space is a spatially distinct unit within a building, which contains identifiable populations of building occupants (i.e. corridor, office space, mechanical area, etc.).
2. The total amount and location of each type of suspected ACM was tabulated.
3. The types of suspected ACM were then grouped as homogeneous materials. Each homogeneous material is defined as being uniform in texture and appearance. Based on these parameters, each homogeneous material was assigned a specific identification number as listed below.

### **Homogeneous Material I.D. #Reference List**

#### **Surfacing**

0100 to 0199 - Sprayed-On  
0200 to 0299 - Troweled-On  
0300 to 0399 - Blown-In  
0400 to 0499 - Other Surfacing  
1900 to 1999 - Plaster Walls and Ceilings

#### **Thermal**

0500 to 0599 - Lagging  
0600 to 0699 - Breeching  
0700 to 0799 - Duct Insulation  
0800 to 0899 - Tank Insulation  
0900 to 0999 - Block Pipe Insulation  
1000 to 1099 - Joints associated with Block Pipe Insulation  
1100 to 1199 - Corrugated/Air Cell Pipe Insulation  
1200 to 1299 - Joints associated with Corrugated Pipe Insulation  
1300 to 1399 - Compressed Pipe Insulation  
1400 to 1499 - Joints associated with Compressed Pipe Insulation  
1500 to 1599 - Joints associated with Fibrous Glass Pipe Insulation  
1600 to 1699 - Other Thermal

## 5.0 Sampling Methodology (Continued)

### Miscellaneous

1700 to 1799 - Lay-In Ceiling Tiles

1800 to 1899 - Spline Ceiling Tiles

2000 to 2099 - Floor Tiles

2100 to 2199 - Drywall

2200 to 2299 - Linoleum

2300 to 2399 - Transite

2400 to 2499 - Expansion Joints

2500 to 2599 - Mastic Floor Tiles

2600 to 2699 - Other Miscellaneous

2700 to 2799 - Mastic Linoleum

4. A sampling scheme was devised based upon the amounts and locations of the different homogeneous materials in order to obtain representative samples.
5. Trained personnel using an appropriate sampling tool and a leak-tight, labeled sample container took the actual bulk samples. The sampling was conducted in areas of the building that are not readily visible to the building occupants. These areas included above lay-in ceiling tiles and beneath cabinets and desks, etc.
6. The personnel employed proper decontamination procedures to prevent contamination of the building environment and possible exposure to themselves and others.
7. Each location of suspicious asbestos-containing material (ACM) was documented on the Asbestos Bulk Sample Log. This documentation included the location of suspicious materials, type of material located and square footage of suspicious ACM. All bulk samples taken were documented on the Sample Log form and a Chain of Custody form. Each was completed for all samples taken by the inspector and handler.
8. The samples were then taken to the laboratory for analysis. The Certificates of Analysis and Chain of Custody relative to each sample are included in this report.
9. The inspector assessed the condition of the suspicious ACM using the eight EPA factors.

## **6.0 CERTIFICATIONS**


**PENNSYLVANIA ASBESTOS CERTIFICATION**

050059

Sex M	Height 6'00"	Eyes BLU	Birth Date 01/29/1988
Expires 12/07/2022	Issue Date 12/28/2021		

Class  
INSPECTOR

CRAIG M GRATZ  
C/O CRITERION LABS INC  
400 STREET ROAD  
BENSALEM PA 19020



21 0250085513521340



**If found, please contact:**

Department of Labor & Industry  
Certification, Accreditation & Licensing Division  
651 Boas Street, Room 1606  
Harrisburg, PA 17121.  
(717) 772-3396



**Asbestos Investigator**  
*Certified by AMS*



**Craig Gratz**

Certificate #: AIC15-000011  
Issue Date: 03/16/2022  
Expiration: 03/31/2023



City of Philadelphia  
Dept. of Public Health  
Air Management  
Services

## **7.0 SAMPLE LOCATION DIAGRAM**

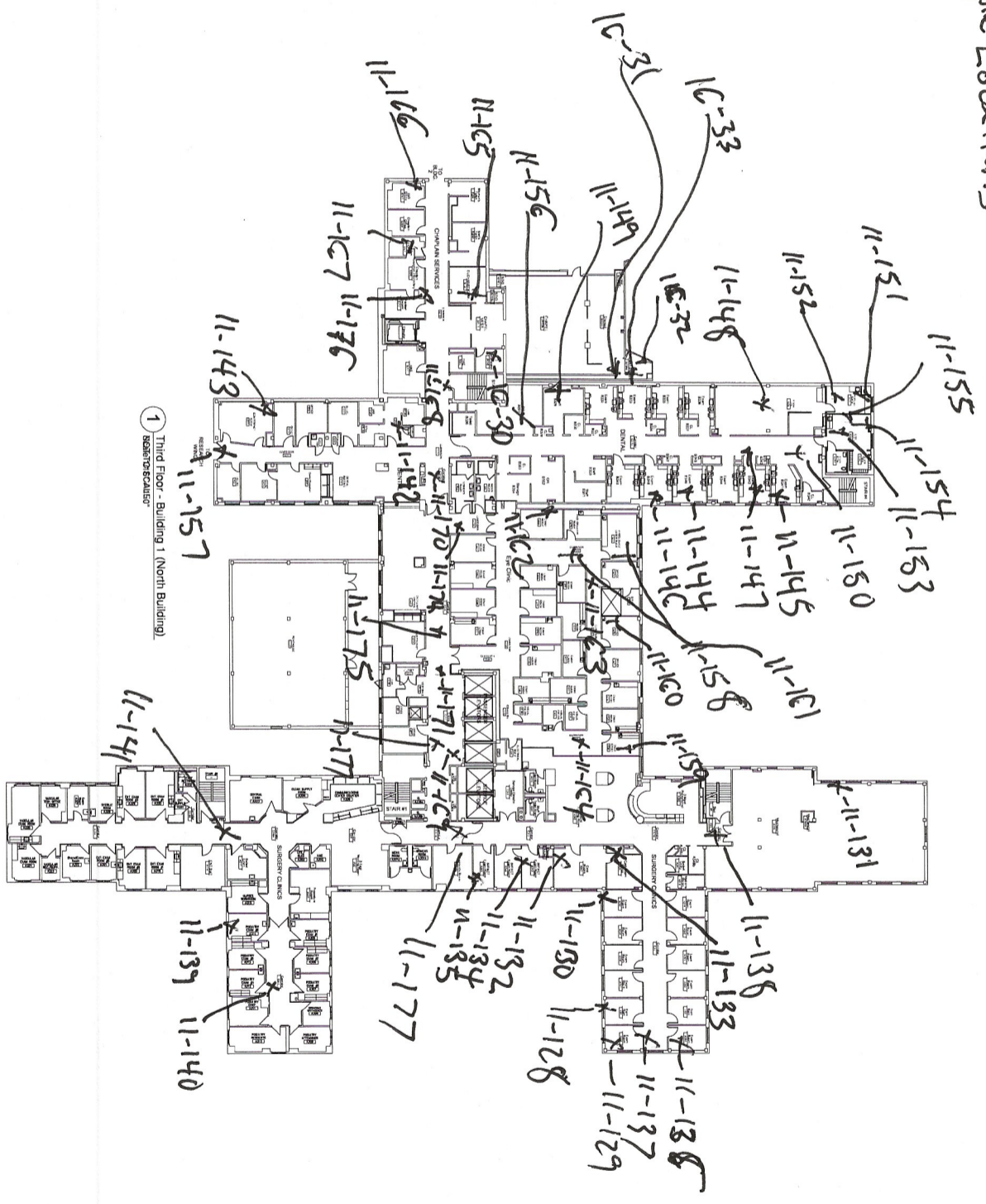






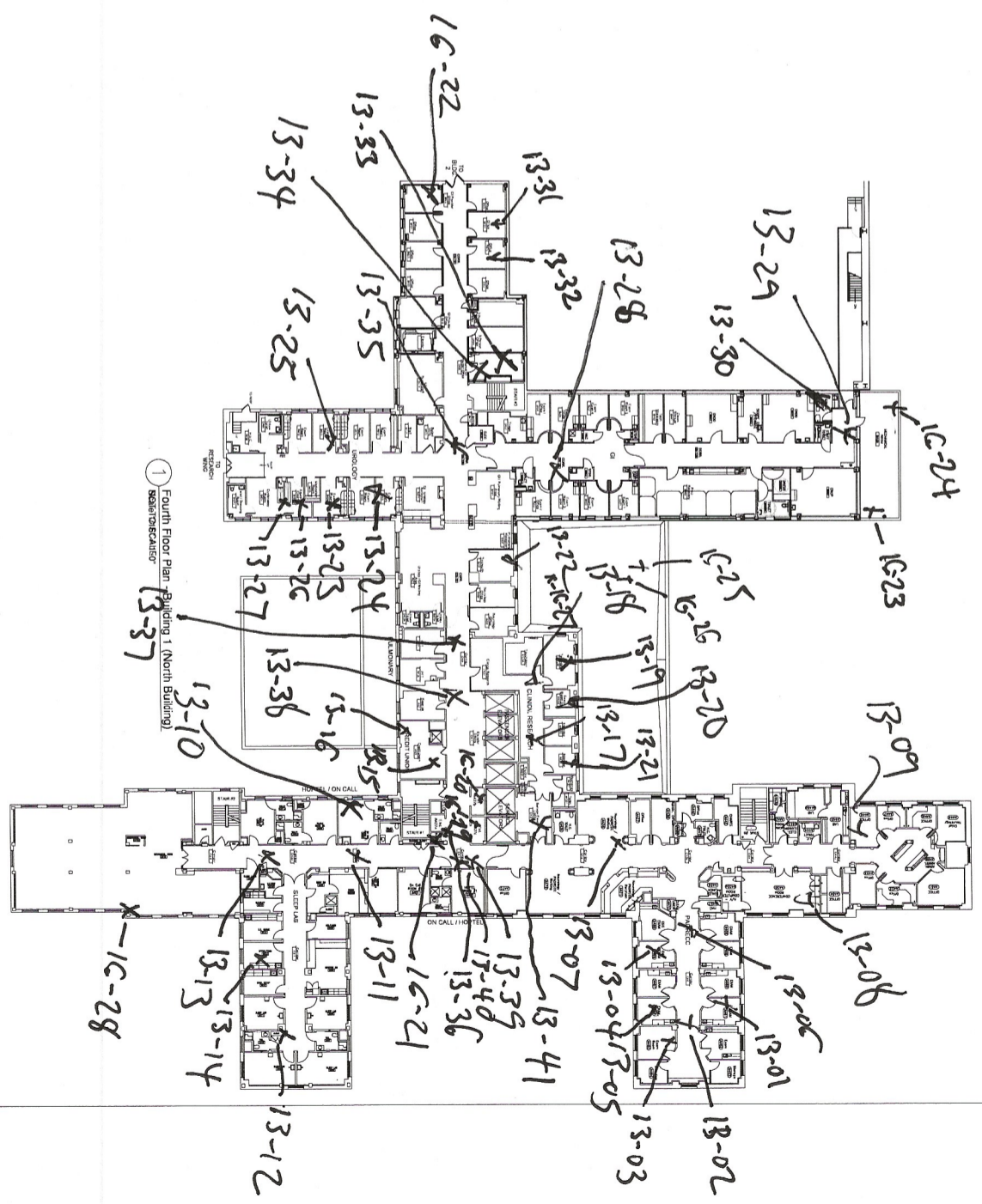


212842-11 Sample Locations  
-1C



DRAWING TITLE		PROJECT TITLE		DATE	
THIRD FLOOR BUILDING #1					
BUILDING NO.	CHECKED	DRAWN	DRAWING NO.	PROJECT NO.	
1					
LOCATION	VAMC PHILADELPHIA		Drawn by	Checked by	
<b>VETERANS AFFAIRS</b>					

212842-13  
-16 Sample Locations



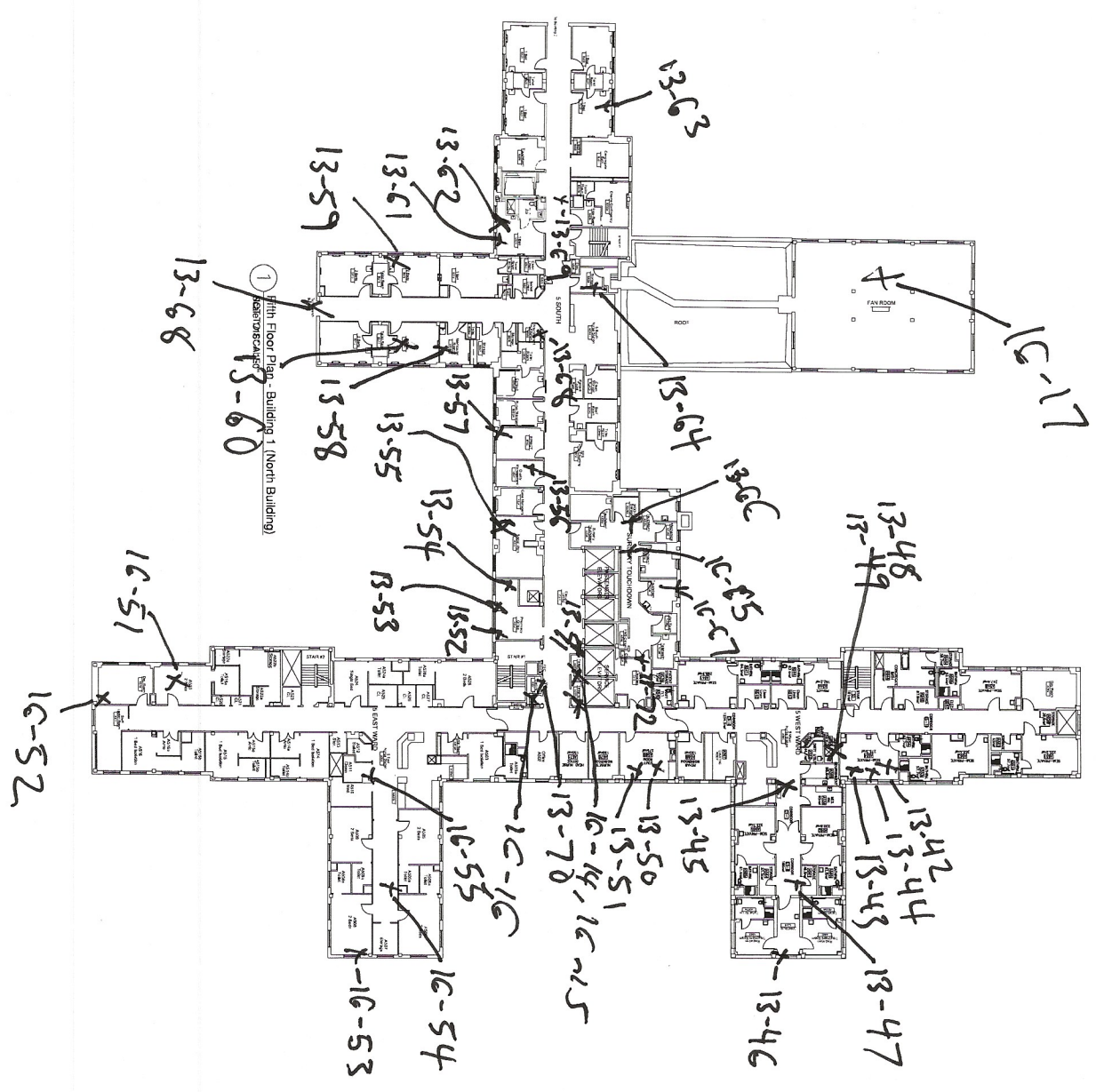
1 Fourth Floor Plan - Building 1 (North Building)  
Scenarios/Callouts



DRAWING TITLE		PROJECT TITLE		DATE	
FOURTH FLOOR BUILDING #1		VAMC PHILADELPHIA			
BUILDING NO.	CHECKED	DRAWN	DRAWING NO.	PROJECT NO.	DRAWING NO.
1					
LOCATION		VAMC PHILADELPHIA		DATE	
<b>VETERANS AFFAIRS</b>					



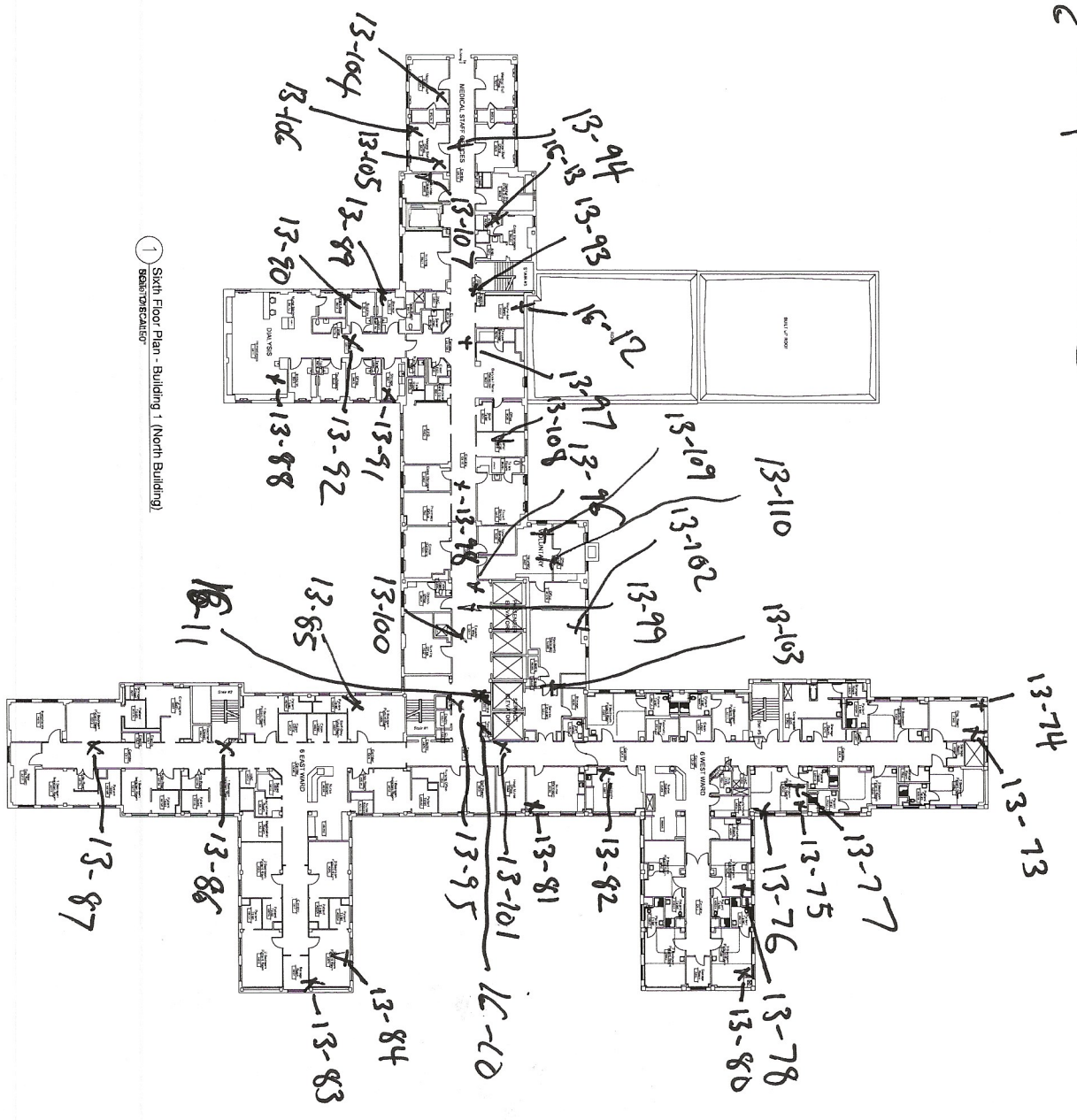
212842-13 Sample Locations  
-16



DRAWING TITLE		PROJECT TITLE		DATE	
FIFTH FLOOR BUILDING #1					
BUILDING NO.	CHECKED	DRAWN	PROJECT NO.	DRAWING NO.	
1					
LOCATION VAMC PHILADELPHIA			PAGE 1 OF		
<b>VETERANS AFFAIRS</b>					



212842-13 Sample Location 5  
-1C

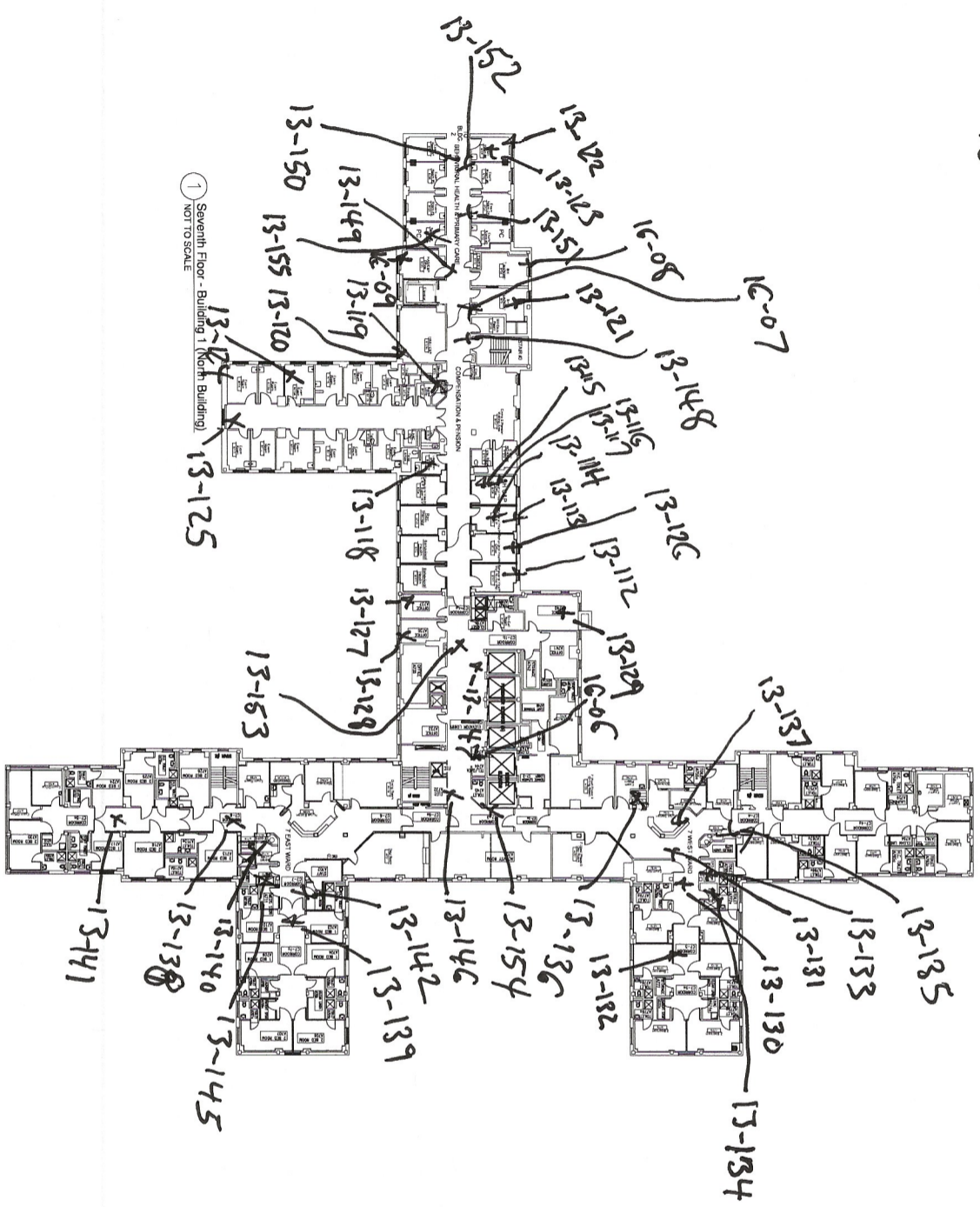


① Sixth Floor Plan - Building 1 (North Building)  
REPRODUCED



DRAWING TITLE SIXTH FLOOR BUILDING #1			PROJECT TITLE		DATE	
BUILDING NO. 1			CHECKED		PROJECT NO.	
LOCATION VAMC PHILADELPHIA			DRAWN		DRAWING NO.	
					Dwg. of	
VETERANS AFFAIRS						

212842 - 13  
-16 Sample Locations

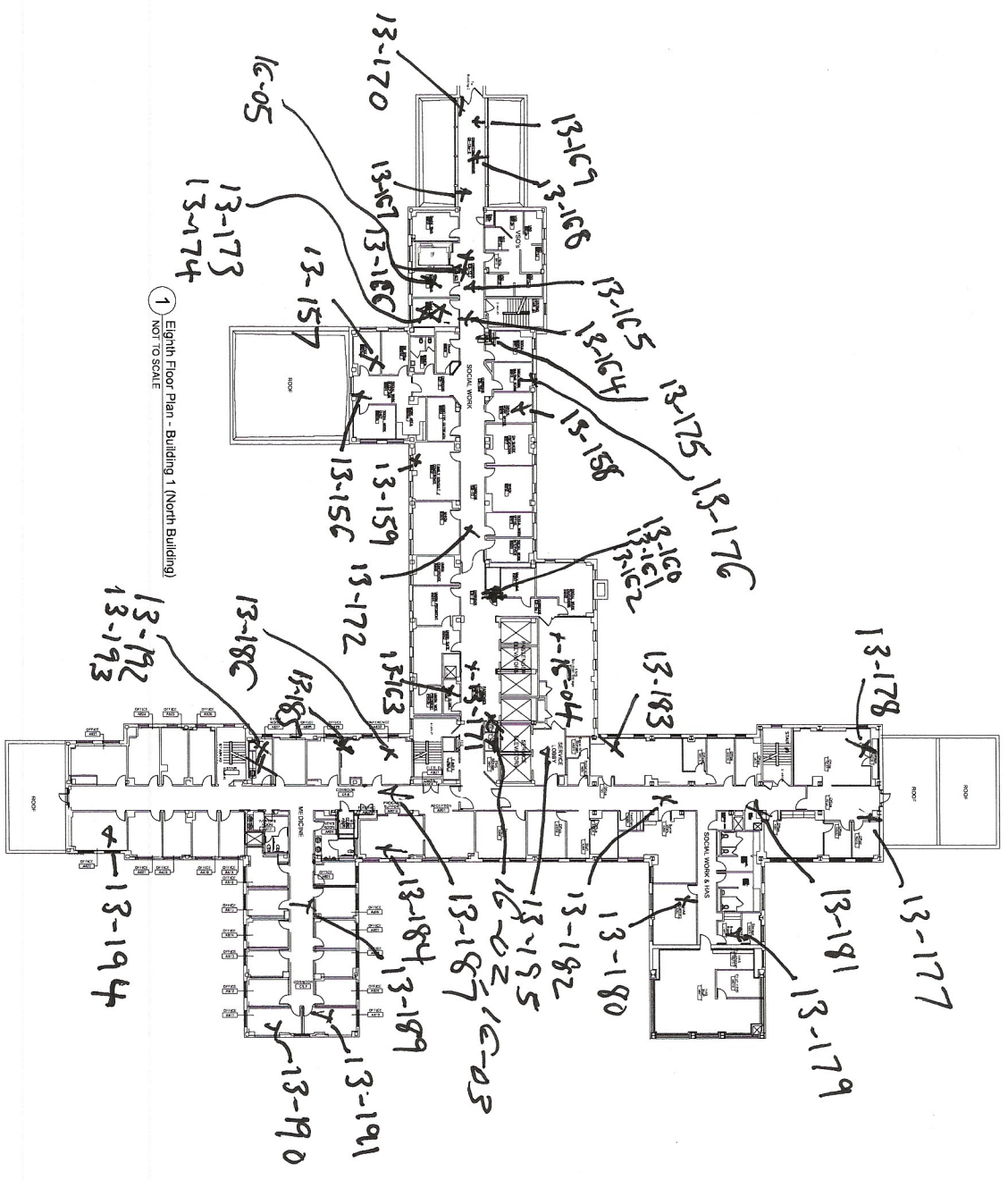


Seventh Floor - Building #1 (North Building)  
NOT TO SCALE



DRAWING TITLE		PROJECT TITLE		DATE	
SEVENTH FLOOR BUILDING #1				PROJECT NO.	
BUILDING NO.	CHECKED	DRAWN	DRAWING NO.	DATE	
1				1/15/01	
LOCATION		VAMC PHILADELPHIA		DWG. OF	
VETERANS AFFAIRS					

212842-13  
-16 Sample Locations



DRAWING TITLE EIGHTH FLOOR BUILDING #1		PROJECT TITLE		DATE	
BUILDING NO. 1	CHECKED	DRAWN	PROJECT NO.	DRAWING NO.	
LOCATION VAMC PHILADELPHIA			DATE Dwg. 01		
<b>VETERANS AFFAIRS</b>					





## **8.0 PHOTOGRAPHS**



Patient advocate area



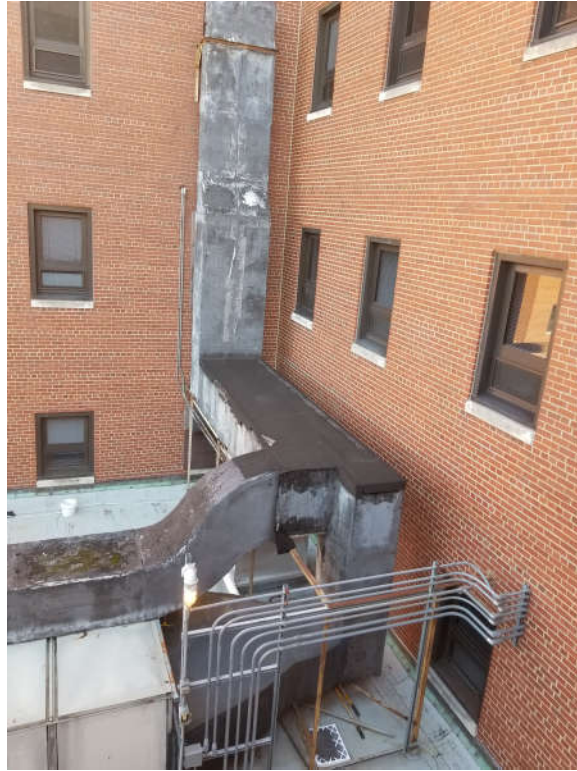
Textured wall panels





4th floor roof duct mastic 2





4th floor roof duct mastic

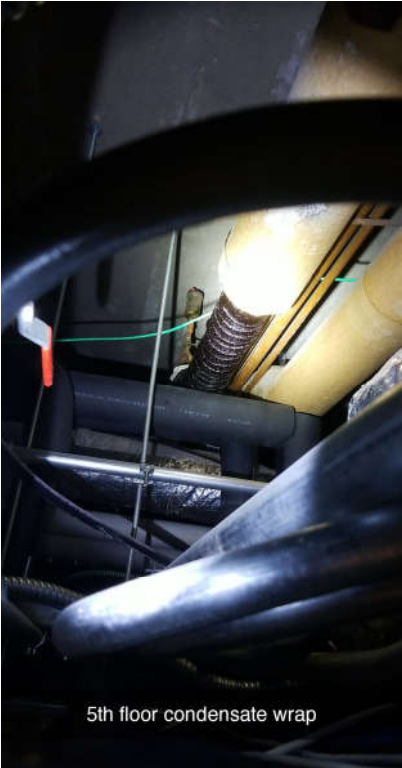


4th Floor Urology

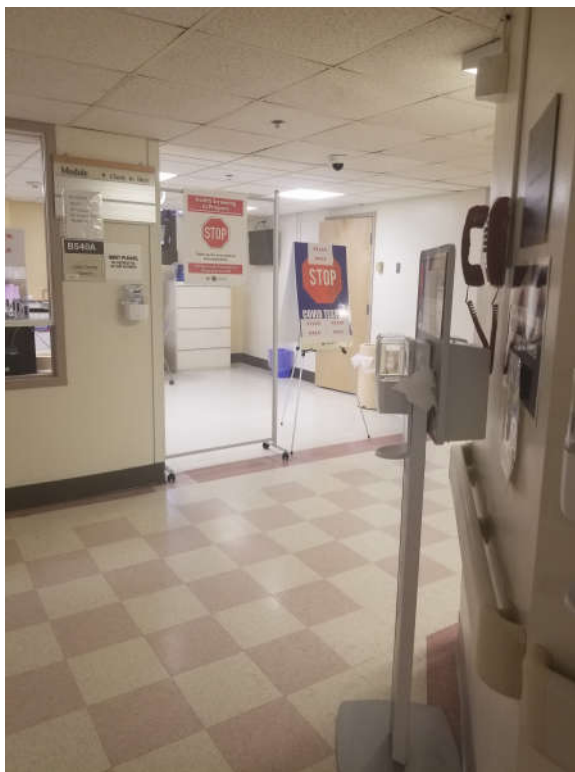




5th floor. Tan w/streaks 12x12 w/Black Mastic



5th floor condensate wrap



5th floor hallway floor tile



5th floor tan w/streaks 12x12 FT











9th Floor hallway









a160 pipe in wall



A162a



A177

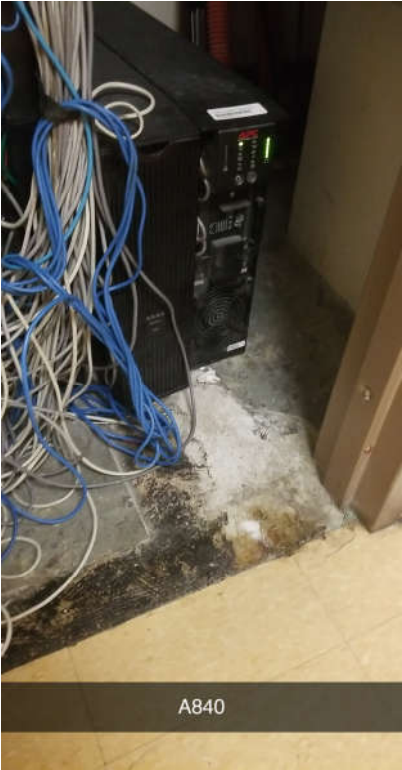










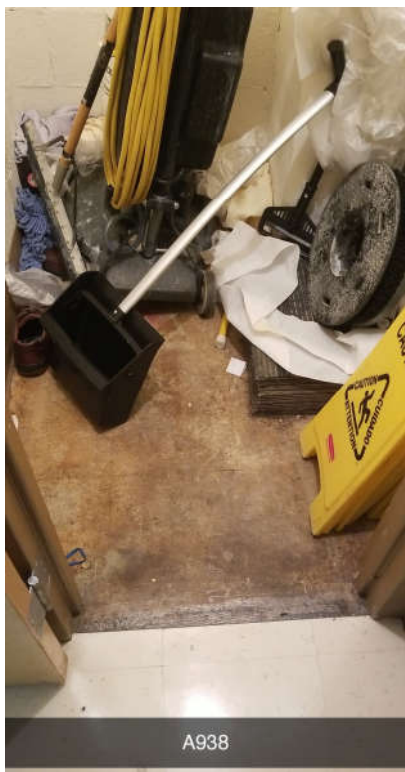




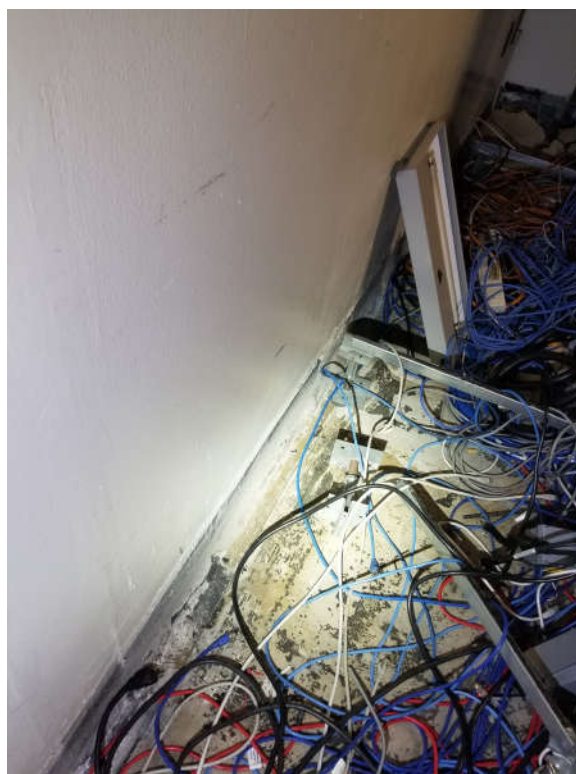
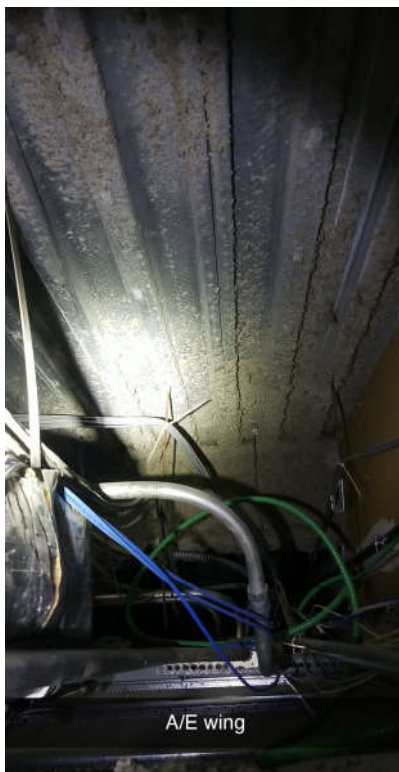




A927/926



A938



b1 raised foot mastic room a1



b1 room a4 pipe insulation



b-2 storage area damaged fittings



b-2 storage area damaged fittings



b-2 storage area damaged fittings 2



**basement room a25 pipe insulation**





basement sprinkler thread sealant



black condensate wrap

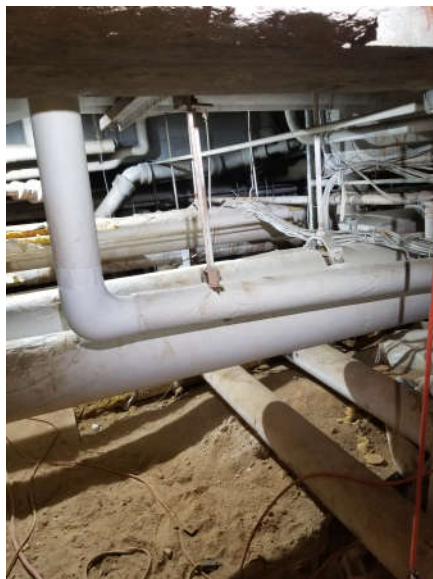


crawl space 3 corrugated debris



crawl space 3 debris 1





crawl space 3 debris 2



crawl space 3 debris 3



crawl space 3 debris 4



crawl space 3 transite 2



Crawl space 3 transite



crawl space styrofoam with black mastic 1



crawl space styrofoam with black mastic 2



crawl space styrofoam with black mastic 3

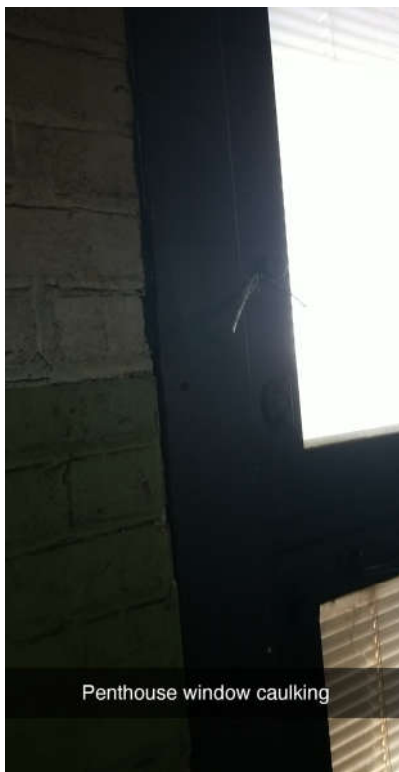


exterior window caulking 2



exterior window caulking





Penthouse window caulking

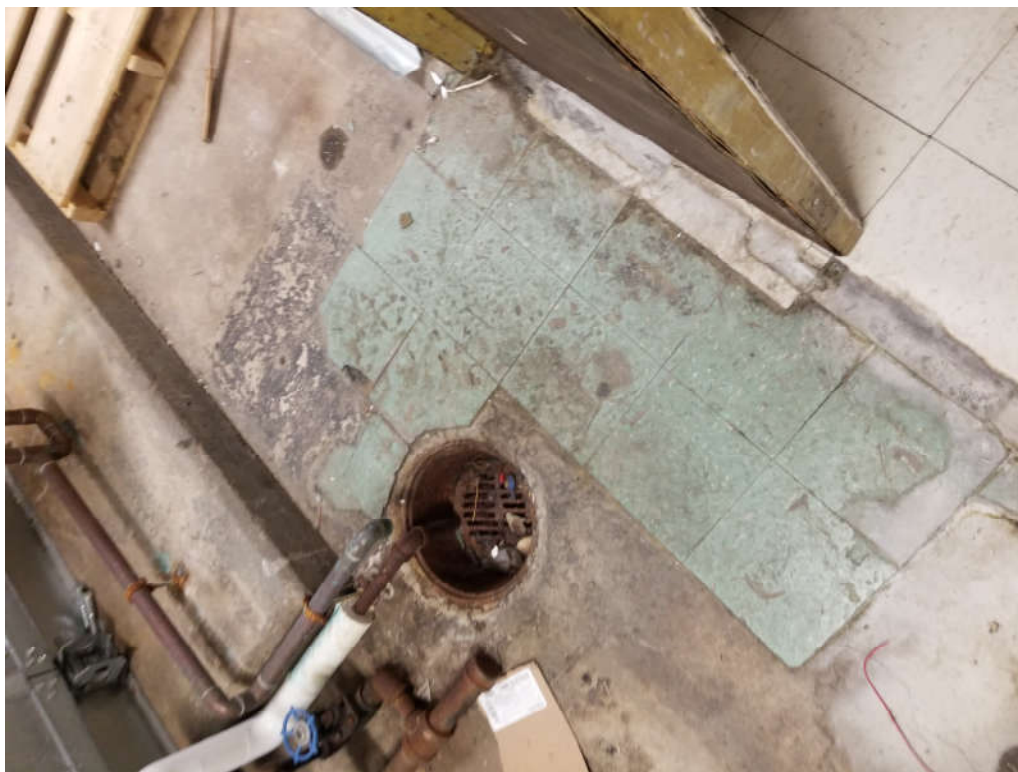


ph stairwell pipe insulaion





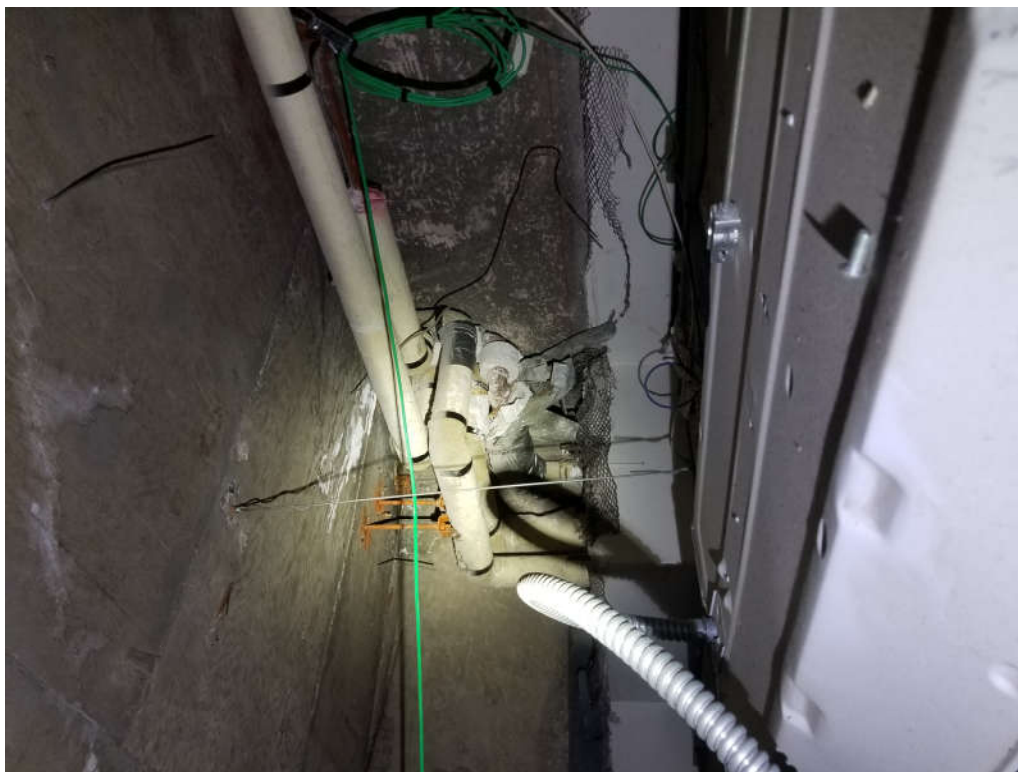




room b9 damaged 9x9 floor tile



room b9 vibration cloth



room b19 damaged pipe insulation



room b28 9x9 floor tile cracked tile



room b28 9x9 floor tile



room b430 damaged fitting



Sprinkler Thread Sealant



Stair 1 duct



