



Criterion
Laboratories Inc.

Report

ASBESTOS- CONTAINING MATERIALS SURVEY

AT:

**Lebanon VA Medical Center – Building 22
1700 South Lincoln Avenue
Lebanon, PA 17042-7529**

FOR:

**Ms. Kelly Fields
Department of Veterans Affairs
Lebanon VA Medical Center
1700 South Lincoln Avenue
Lebanon, PA 17042-7529**

PREPARED BY:

**Mr. Steven A. Vena, CIH
Project Manager**

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Report Date: January 21, 2015

Project Number: 142073

**Date of Project: October 31 and November 3,
2014**

Solicitation #: VA244-14-Q-1389

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1.0 NARRATIVES

1.0 NARRATIVES

1.1 Purpose:

Criterion Laboratories, Inc. (Criterion) was contracted by the Department of Veterans Affairs to conduct asbestos surveys of all buildings located at the Lebanon VA Medical Center campus, located at 1700 South Lincoln Avenue in Lebanon, PA. This report covers the survey performed within **Building 22**.

The purpose of the surveys was to identify and document asbestos-containing materials throughout the campus. 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:

The surveys were performed by Mr. Craig Gratz and Mr. Ryan Hunter, both EPA-accredited, PA-licensed building inspectors, on October 31 and November 3, 2014. The report was written by Mr. Steven A. Vena, Certified Industrial Hygienist of Criterion.

1.3 Discussion and Survey Results:

A total of fifty-one (51) samples were collected during the survey. The samples were analyzed by Polarized Light Microscopy (PLM), which classifies a material as asbestos-containing if it contains greater than one percent asbestos. Asbestos (>1%) can be found in the following six (6) materials:

- ❖ Block Pipe Insulation
- ❖ Black Mastic associated with (A/W) Yellow/White 12"x12" Floor Tile
- ❖ Black Mastic A/W Off-White Floor Tile (2nd Layer)
- ❖ White w/ Streaks 12"x12" Floor Tile w/ Black Mastic
- ❖ Black Mastic A/W White w/ Grey 12"x12" Floor Tile
- ❖ Compressed Paper Pipe Insulation

Additionally, fire doors were observed within the Building. The fire doors were not sampled in order to maintain the integrity of the door and manufacturer's fire rating of the door. In the absence of analytical results to the contrary, fire doors are assumed to contain asbestos insulation.

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

1.4 Disclaimer:

Information contained herein was obtained by means of onsite observations, bulk sampling, 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., behind hard walls, above hard ceilings, hidden pipe chases, etc.) will not be included in this report.

1.5 Conclusions and Recommendations:

Any asbestos-containing material that will be disturbed by planned renovations should be first removed by a licensed abatement contractor.

Section 2.0, Laboratory Results, contains certificates of analyses for all bulk samples collected and analyzed.

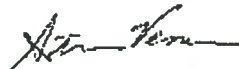
Section 3.0, Asbestos Inventory, lists specific locations and quantities of asbestos-containing materials.

Section 6.0 shows drawings with the location of the samples collected. Section 7.0 shows photographs of each homogenous material that was collected as a suspect asbestos-containing material. Section 8.0, Certifications, lists asbestos accreditations for all Criterion employees who worked on this project.

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

If additional materials are found behind hard walls or ceilings during future renovations, an asbestos building inspector should be contacted to reassess the area.

Criterion appreciates the opportunity to provide you with this Asbestos-Containing Materials Survey Report. Should you have any questions, please do not hesitate to call me at (215) 244-1300, extension 32.



Steven A. Vena, CIH
Project Manager

2.0 LABORATORY RESULTS



Results of Polarized Light Microscopy

Client: VAMC - Lebanon VA Medical Center

Site Address: Lebanon VAMC, 1700 South Lincoln Avenue, Lebanon, PA

Sample Date: 10/31/2014

Project #: 142073

Sample Received Date: 11/11/2014 8:29:00 AM

Collected By: Criterion Laboratories, Inc.

Analyzed By: Patel, Priyal

Analysis Date: 11/11/2014

Sample # Location / Material Description	Layer	Non - Asbestos		Asbestos		Comments
		Fibrous & Percent	Non-Fibrous %	Asbestos Type	Percent	
142073-22-001 Tan Spray-On Fireproofing Building 22 - Basement - Mechanical Area	1	Cellulose - 40	60	None Detected	---	
142073-22-002 Tan Spray-On Fireproofing Building 22 - Basement - Mechanical Area	1	Cellulose - 40	60	None Detected	---	
142073-22-003 Tan Spray-On Fireproofing Building 22 - Basement - Crawlspace	1	Cellulose - 40	60	None Detected	---	
142073-22-004 Tan Spray-On Fireproofing Building 22 - Basement - Crawlspace	1	Cellulose - 40	60	None Detected	---	
142073-22-005 Tan Spray-On Fireproofing Building 22 - Basement - Crawlspace	1	Cellulose - 40	60	None Detected	---	
142073-22-006 2'x2' White, Textured Ceiling Tile Building 22 - 1st Floor - Storage Room 109	1	Cellulose - 30 Fiberglass - 5	65	None Detected	---	
142073-22-007 2'x2' White, Textured Ceiling Tile Building 22 - 1st Floor - Storage Room 109	1	Cellulose - 30 Fiberglass - 5	65	None Detected	---	
142073-22-008 Block Pipe Insulation (In Wall) Building 22 - 1st Floor - Storage Room 109	1	Cellulose - 20	40	Chrysotile	40	



Results of Polarized Light Microscopy

Client: VAMC - Lebanon VA Medical Center

Site Address: Lebanon VAMC, 1700 South Lincoln Avenue, Lebanon, PA
17042-7529

Sample Date: 10/31/2014

Project #: 142073

Sample Received Date: 11/11/2014 8:29:00 AM

Collected By: Criterion Laboratories, Inc.

Analyzed By: Patel, Priyal

Analysis Date: 11/11/2014

Sample # Location / Material Description	Layer	Non - Asbestos		Asbestos		Comments
		Fibrous & Percent	Non-Fibrous %	Asbestos Type	Percent	
142073-22-009 12"x12" Black Floor Tile Building 22 - 1st Floor - Storage Room 109	1	---	100	None Detected	---	Tile
142073-22-009 Yellow Mastic Associated With 12"x12" Black Floor Tile Building 22 - 1st Floor - Storage Room 109	2	---	100	None Detected	---	Mastic
142073-22-010 12"x12" Black Floor Tile Building 22 - 1st Floor - Storage Room 109	1	---	100	None Detected	---	Tile
142073-22-010 Yellow Mastic Associated With 12"x12" Black Floor Tile Building 22 - 1st Floor - Storage Room 109	2	---	100	None Detected	---	Mastic
142073-22-011 Smooth Plaster Building 22 - 1st Floor - Throughout	1	Cellulose - 3	97	None Detected	---	
142073-22-012 2'x4' White Ceiling Tile Building 22 - 1st Floor - Throughout	1	Cellulose - 25 Fiberglass - 5	70	None Detected	---	
142073-22-013 Black Tar on Wall Building 22 - 1st Floor - Storage Room 109	1	Cellulose - 5	95	None Detected	---	
142073-22-014 Smooth Plaster Building 22 - 1st Floor - Throughout	1	---	100	None Detected	---	



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Site Address: Lebanon VAMC, 1700 South Lincoln Avenue, Lebanon, PA
17042-7529

Sample Date: 10/31/2014
Sample Received Date: 11/11/2014 8:29:00 AM

Collected By: Criterion Laboratories, Inc.

Analyzed By: Patel, Priyal

Analysis Date: 11/11/2014

Sample # Location / Material Description	Layer	Non - Asbestos		Asbestos		Comments
		Fibrous & Percent	Non-Fibrous %	Asbestos Type	Percent	
142073-22-015 Block Pipe Insulation (In Wall) Building 22 - 1st Floor - Room 102	1	Cellulose - 20	40	Chrysotile	40	
142073-22-016 12"x12" Tan, Multi-Colored Floor Tile Building 22 - 1st Floor - Room 104	1	Cellulose - 40	60	None Detected	---	Tile
142073-22-016 Yellow Mastic Associated With 12"x12" Tan, Multi-Colored Floor Tile Building 22 - 1st Floor - Room 104	2	Cellulose - 40	60	None Detected	---	Mastic
142073-22-017 12"x12" Orange Floor Tile (Under Carpet) Building 22 - 1st Floor - Room 105	1	---	100	None Detected	---	Tile
142073-22-017 Black Mastic Associated With 12"x12" Orange Floor Tile (Under Carpet) Building 22 - 1st Floor - Room 105	2	Cellulose - 5	95	None Detected	---	Mastic
142073-22-018 Compressed Paper Pipe Insulation (In Wall) Building 22 - 1st Floor - 107 Corridor	1	Cellulose - 30	60	Chrysotile	10	
142073-22-019 Smooth Plaster Building 22 - 1st Floor - Throughout	1	---	100	None Detected	---	
142073-22-020 12"x12" Yellow/White Floor Tile Building 22 - 1st Floor - Corridor 119	1	---	100	None Detected	---	Tile

Report Date: 11/13/2014



Results of Polarized Light Microscopy

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Project #: 142073
Collected By: Criterion Laboratories, Inc.

Site Address: Lebanon VAMC, 1700 South Lincoln Avenue, Lebanon, PA
17042-7529

Sample Date: 10/31/2014
Sample Received Date: 11/13/2014 8:46:00 AM
Analysis Date: 11/11/2014

Sample # Location / Material Description	Layer	Non - Asbestos		Asbestos		Comments
		Fibrous & Percent	Non-Fibrous %	Asbestos Type	Percent	
142073-22-020 Black Mastic Associated With 12"x12" Yellow/White Floor Tile Building 22 - 1st Floor - Corridor 119	2	Cellulose - 15	80	Chrysotile	5	Mastic
142073-22-021 12"x12" Yellow/White Floor Tile Building 22 - 1st Floor - Corridor 119	1	---	100	Chrysotile	5	Tile
142073-22-021 Black Mastic Associated With 12"x12" Yellow/White Floor Tile Building 22 - 1st Floor - Corridor 119	2	Cellulose - 20	75	Chrysotile	5	Mastic
142073-22-022 12"x12" White/Teal Floor Tile Building 22 - 1st Floor - Main Corridors/Lobby	1	---	100	None Detected	---	Tile
142073-22-022 Black Mastic Associated With 12"x12" White/Teal Floor Tile Building 22 - 1st Floor - Main Corridors/Lobby	2	Cellulose - 5	95	None Detected	---	Mastic
142073-22-023 12"x12" White/Teal Floor Tile Building 22 - 1st Floor - Main Corridors/Lobby	1	---	100	None Detected	---	Tile
142073-22-023 Black Mastic Associated With 12"x12" White/Teal Floor Tile Building 22 - 1st Floor - Main Corridors/Lobby	2	---	100	None Detected	---	Mastic
142073-22-024 Off-White Floor Tile (2nd Layer) Building 22 - 1st Floor - Main Corridors/Lobby	1	---	100	None Detected	---	Tile



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Sample Date: 10/31/2014

Project #: 142073

Sample Received Date: 11/13/2014 8:46:00 AM

Collected By: Criterion Laboratories, Inc.

Analyzed By: Patel, Priyal

Analysis Date: 11/11/2014

Sample # Location / Material Description	Layer	Non - Asbestos		Asbestos		Comments
		Fibrous & Percent	Non-Fibrous %	Asbestos Type	Percent	
142073-22-024 Black Mastic Associated With Off-White Floor Tile (2nd Layer) Building 22 - 1st Floor - Main Corridors/Lobby	2	Cellulose - 15	80	Chrysotile	5	Mastic
142073-22-025 Off-White Floor Tile (2nd Layer) Building 22 - 1st Floor - Main Corridors/Lobby	1	---	100	None Detected	---	Tile
142073-22-025 Black Mastic Associated With Off-White Floor Tile (2nd Layer) Building 22 - 1st Floor - Main Corridors/Lobby	2	Cellulose - 15	80	Chrysotile	5	Mastic
142073-22-026 2'x4' White Ceiling Tile Building 22 - 2nd Floor - Throughout	1	Cellulose - 40	60	None Detected	---	Tile
142073-22-027 12"x12" Off-White Floor Tile Building 22 - 2nd Floor - Room 225	1	---	100	None Detected	---	
142073-22-027 Black Mastic Associated With 12"x12" Off-White Floor Tile Building 22 - 2nd Floor - Room 225	2	Cellulose - 30	70	None Detected	---	Mastic
142073-22-028 12"x12" Off-White Floor Tile Building 22 - 2nd Floor - Room 223	1	Cellulose - 5	95	None Detected	---	Tile
142073-22-028 Black Mastic Associated With 12"x12" Off-White Floor Tile Building 22 - 2nd Floor - Room 223	2	Cellulose - 10	90	None Detected	---	Mastic



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17042-7529
 Analyzed By: Patel, Priyal

Sample Date: 10/31/2014
 Sample Received Date: 11/11/2014 8:29:00 AM
 Analysis Date: 11/11/2014

Sample # Location / Material Description	Layer	Non - Asbestos		Asbestos		Comments
		Fibrous & Percent	Non-Fibrous %	Asbestos Type	Percent	
142073-22-029 Black Tar on Wall Building 22 - 2nd Floor - Room 236	1	Cellulose - 5	95	None Detected	---	
142073-22-030 Smooth Plaster Building 22 - 2nd Floor - Throughout	1	Cellulose - 10	90	None Detected	---	
142073-22-031 Smooth Plaster Building 22 - 2nd Floor - Throughout	1	Cellulose - 10	90	None Detected	---	
142073-22-032 Gray Spray-On Fireproofing Building 22 - 2nd Floor - Room 219	1	Fiberglass - 15 Cellulose - 5	80	None Detected	---	
142073-22-033 Gray Spray-On Fireproofing Building 22 - 2nd Floor - Room 219	1	Fiberglass - 15 Cellulose - 5	80	None Detected	---	
142073-22-034 Gray Spray-On Fireproofing Building 22 - 2nd Floor - Room 219	1	Fiberglass - 15 Cellulose - 5	80	None Detected	---	
142073-22-035 12"x12" Pink Floor Tile (Under Carpet) Building 22 - 2nd Floor - Room 219	1	Cellulose - 5	95	None Detected	---	Tile
142073-22-035 Yellow Mastic Associated With 12"x12" Pink Floor Tile (Under Carpet) Building 22 - 2nd Floor - Room 219	2	Cellulose - 10	90	None Detected	---	Mastic



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17042-7529
 Analyzed By: Patel, Priyal

Sample Date: 10/31/2014
 Sample Received Date: 11/11/2014 8:29:00 AM
 Analysis Date: 11/12/2014

Sample # Location / Material Description	Layer	Non - Asbestos		Asbestos		Comments
		Fibrous & Percent	Non-Fibrous %	Asbestos Type	Percent	
142073-22-036 12"x12" Pink Floor Tile (Under Carpet) Building 22 - 2nd Floor - Room 219	1	Cellulose - 5	95	None Detected	---	Tile
142073-22-036 Yellow Mastic Associated With 12"x12" Pink Floor Tile (Under Carpet) Building 22 - 2nd Floor - Room 219	2	Cellulose - 10	90	None Detected	---	Mastic
142073-22-037 Drywall/Joint Compound Building 22 - 2nd Floor - Throughout	1	Cellulose - 15	85	None Detected	---	
142073-22-038 Gray Spray-On Fireproofing Building 22 - 2nd Floor - Room 216	1	Fiberglass - 35 Cellulose - 5	60	None Detected	---	
142073-22-039 Gray Spray-On Fireproofing Building 22 - 2nd Floor - Room 216	1	Fiberglass - 35 Cellulose - 5	60	None Detected	---	
142073-22-040 12"x12" Maroon/White Floor Tile Building 22 - 2nd Floor - Room 214	1	---	100	None Detected	---	Tile
142073-22-040 Black Mastic Associated With 12"x12" Maroon/White Floor Tile Building 22 - 2nd Floor - Room 214	2	Cellulose - 5	95	None Detected	---	Mastic
142073-22-041 12"x12" Maroon/White Floor Tile Building 22 - 2nd Floor - Room 214	1	---	100	None Detected	---	Tile



Results of Polarized Light Microscopy

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Project #: 142073
Collected By: Criterion Laboratories, Inc.

Site Address: Lebanon VAMC, 1700 South Lincoln Avenue, Lebanon, PA
17042-7529

Sample Date: 10/31/2014
Sample Received Date: 11/13/2014 8:47:00 AM
Analysis Date: 11/12/2014

Sample # Location / Material Description	Layer	Non - Asbestos		Asbestos		Comments
		Fibrous & Percent	Non-Fibrous %	Asbestos Type	Percent	
142073-22-041 Black Mastic Associated With 12"x12" Maroon/White Floor Tile Building 22 - 2nd Floor - Room 214	2	Cellulose - 10	90	None Detected	---	Mastic
142073-22-042 12"x12" White Floor Tile With Streaks Building 22 - 2nd Floor - Room 205 - Pipe Chase	1	Cellulose - 10	80	Chrysotile	10	Tile
142073-22-042 Black Mastic Associated With 12"x12" White Floor Tile With Streaks Building 22 - 2nd Floor - Room 205 - Pipe Chase	2	Cellulose - 5	90	Chrysotile	5	Mastic
142073-22-043 12"x12" White With Gray Floor Tile Building 22 - 2nd Floor - Room 208	1	---	100	None Detected	---	Tile
142073-22-043 Black Mastic Associated With 12"x12" White With Gray Floor Tile Building 22 - 2nd Floor - Room 208	2	Cellulose - 10	85	Chrysotile	5	Mastic
142073-22-044 12"x12" White With Gray Floor Tile Building 22 - 2nd Floor - Room 208	1	---	100	None Detected	---	Tile
142073-22-044 Black Mastic Associated With 12"x12" White With Gray Floor Tile Building 22 - 2nd Floor - Room 208	2	Cellulose - 10	85	Chrysotile	5	Mastic



Results of Polarized Light Microscopy

Client: VAMC - Lebanon VA Medical Center
Project #: 142073
Collected By: Criterion Laboratories, Inc.

Site Address: Lebanon VAMC, 1700 South Lincoln Avenue, Lebanon, PA 17042-7529
Sample Date: 10/31/2014
Sample Received Date: 11/11/2014 8:29:00 AM
Analyzed By: Patel, Priyal
Analysis Date: 11/12/2014

Sample # Location / Material Description	Layer	Non - Asbestos		Asbestos		Comments
		Fibrous & Percent	Non-Fibrous %	Asbestos Type	Percent	
142073-22-045 White Linoleum Building 22 - 2nd Floor - Room 209	1	---	100	None Detected	---	
142073-22-046 White Linoleum Building 22 - 2nd Floor - Room 209	1	---	100	None Detected	---	
142073-22-047 12"x12" White/Blue Floor Tile Building 22 - 3rd Floor - Room 318	1	---	100	None Detected	---	Tile
142073-22-047 Black Mastic Associated With 12"x12" White/Blue Floor Tile Building 22 - 3rd Floor - Room 318	2	---	100	None Detected	---	Mastic
142073-22-048 12"x12" White/Blue Floor Tile Building 22 - 3rd Floor - Room 318	1	---	100	None Detected	---	Tile
142073-22-048 Black Mastic Associated With 12"x12" White/Blue Floor Tile Building 22 - 3rd Floor - Room 318	2	Cellulose - 10	90	None Detected	---	Mastic
142073-22-049 2'x4' White Ceiling Tile Building 22 - 3rd Floor - Throughout	1	Cellulose - 40	60	None Detected	---	
142073-22-050 Smooth Plaster Building 22 - 3rd Floor - Throughout	1	---	100	None Detected	---	

Results of Polarized Light Microscopy

Client: YAMC - Lebanon VA Medical Center
 Project #: 142073
 Collected By: Criterion Laboratories, Inc.

Site Address: Lebanon VAMC, 1700 South Lincoln Avenue, Lebanon, PA
17042-7529
 Analyzed By: Patel, Priyal

Sample Date: 10/31/2014
 Sample Received Date: 11/11/2014 8:29:00 AM
 Analysis Date: 11/12/2014

Sample # Location / Material Description	Layer	Non - Asbestos		Asbestos		Comments
		Fibrous & Percent	Non-Fibrous %	Asbestos Type	Percent	
142073-22-051 Smooth Plaster Building 22 - 3rd Floor - Throughout	1	---	100	None Detected	---	

James A. Welz

James A. Welz, CIH, President

Criterion Laboratories, Inc. bears no responsibility for sample collection activities of non-Criterion personnel. This report relates only to the samples reported above, and when reproduced, must be in its entirety. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. None Detected = <1%. Unless otherwise noted: Blank results are not subtracted from any results: QC data associated with this sample set is within acceptable limits: Samples were received in good condition.

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.

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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.



CRITERION LABORATORIES, INC.
ASBESTOS BULK SAMPLE LOG

PROJECT #: 142073

Client: VAMC - Lebanon VA Medical Center		Site Address: Lebanon VAMC - 1700 South Lincoln Avenue, Lebanon, PA	
Analysis:	PLM	TEM	Other
Turnaround Time		Method of Submittal	
24 Hrs	48 Hrs	Field	Walk-in
72 Hrs	Other 3-5 days	Fedex	Other
FS Name: #/Work Area: Building 22		Inspector: C. Gratz / R. Hunter	
Sample Date: 10-31-14		Project Manager: Steve Vera	
Comments: no access to Rm 111, 112 All insulation in basement is fiberglass - finished area, to Rm 109			

Sample #	HID #	Material Description (Including Color)	Sample Location	Qty (SE/LF)	Friable (Y/N)	Damaged (S/D/N)	For Laboratory Analysis	
							Asbestos Type (s)	%
22-001	0100	Tan Spray-on fireproofing	Basement - Mechanical Area	500 SF	Y	N	ND	None Detected
-002	0100		↓	-	Y	N		
-003	0100		↓	2600 SF	Y	N		
-004	0100		↓	-	Y	N		
-005	0100		↓	-	Y	N		
-006	1700	White Textured 2x2 CT	1st Floor - Storage Rm 109	4000 SF	Y	N		
-007	1700	↓	↓	-	Y	N		
-008	0900	Black Pipe Insulation (in Wall)	↓	140 LF	Y	N	Chrysotile	40
-009	2008/2500	Black 12x12 FT w/ yellow	↓	225 SF	N	N	ND	None Detected
-010	2008/2500	↓	↓	-	N	N		
-011	1900	Smooth Plaster	Throughput	7000 SF	Y	N		
-012	1701	White 2x4 CT	↓	5500 SF	Y	N		
-013	2000	Black Tar on wall	- Storage Rm 109	125 SF				
-	-			-	-	-		

CHAIN OF CUSTODY

Relinquished By (Print/Sign)	Date/Time
C. Gratz	11-10-14

LAB INFORMATION

Received By (Print/Sign)	Date/Time	Analyzed By (Print/Sign)	Date/Time
Nhi Nguyen / [Signature]	11/11/14	PPARL Puffin	11/11/14



CRITERION LABORATORIES, INC.
ASBESTOS BULK SAMPLE LOG

PROJECT #: 142073

Client: VAMC - Lebanon VA Medical Center Site Address: Lebanon VAMC - 1700 South Lincoln Avenue, Lebanon, PA

Analysis:	PLM	TEM	Other	FS Name-/Work Area:	Sample Date:
Turnaround Time				Building 22	10-31-14
24 Hrs	48 Hrs	Field	Walk-in	Inspector: C. Gratz / R. Hunter	Comments: no asbestos to be analyzed from 103
72 Hrs	Other 3-5 day	Fedex	Other	Project Manager: Steve Vena	

Sample #	HID #	Material Description (Including Color)	Sample Location	Qty (SF/LF)	Friable (Y/N)	Damaged (S/D/N)	For Laboratory Analysis Asbestos Type (s)	%
NS	0900	Black Pipe Insulation (in wall)	1st Floor - Restroom Rm 114	20 LF	Y	N		
NS	2500	Black Tar on wall	↓	16 SF	N	N		
22-014	1900	Smooth Plaster	Through-out	-	Y	N	ND None Detected	
NS	2000	Black Tar on wall	- Room 101	8 SF	N	N		
NS	0900	Black Pipe Insulation (in wall)	↓	20 LF	Y	N		
NS	0900	Black Tar on wall	- Room 102	10 LF	Y	N	Chrysotile	40
NS	2500	Black Tar on wall	- Room 103	12 SF	N	N		
NS	0900	Black Pipe Insulation (in wall)	- Room 104	150 LF	Y	D		
NS	2500	Black Tar on wall	↓	55 SF	N	N		
NS	2500	Black Tar on wall	↓	780 SF	N	N	ND - None Detected	
NS	2000	Tan - multi colors 17x17 FT white	Room 105	20 LF	Y	N		
NS	0900	Black Pipe Insulation (in wall)	↓	16 SF	N	N		
NS	2500	Black Tar on wall	↓	320 SF	N	N	ND - None Detected	
-017	2000	Orange 17x12 FT white (in wall)	Room 107 B	50 LF	Y	D		
NS	0900	Black Pipe Insulation						

LAB INFORMATION

Relinquished By (Print/Sign)	Date/Time	Received By (Print/Sign)	Date/Time	Analyzed By (Print/Sign)	Date/Time
C. Gratz	11-10-14	[Signature]	11/11/14	P. Patel	11/11/14

CHAIN OF CUSTODY



CRITERION LABORATORIES, INC.
ASBESTOS BULK SAMPLE LOG

PROJECT #: 142073

Client: VAMC - Lebanon VA Medical Center Site Address: Lebanon VAMC - 1700 South Lincoln Avenue, Lebanon, PA

Analysis:	PLM	TEM	Other	FS Name-/Work Area:	Sample Date:
Turnaround Time	48 Hrs	Field	Method of Submittal	Inspector: C. Gratz / R. Hunter	10-31-14
72 Hrs	Other	Fedex	Walk-in	Project Manager: Steve Vera	Comments: No asbestos to Rm 106

Sample #	HID #	Material Description (Including Color)	Sample Location	Qty (SF/LF)	Friable (Y/N)	Damaged (S/D/N)	For Laboratory Analysis Asbestos Type (S)	%
NS 0900		Black Pipe Insulation	1st Floor - 107 Corridor	35 LF	Y	N	Chrysotile	10
22-018	1300	Compressed Paper Pipe Insulation (m-11)	↓	10 LF	Y	D	MD - None Detected	
-019	1900	Smooth Plaster	Throught	-	Y	N	Chrysotile (M)	5
-20	2003/503	Yellow/white 12x12 FT w/Black mastic	- Corridor 119	270 SF	N	N	Chrysotile (M)	5
-21	2003/503	↓	↓	-	N	N	MD - None Detected	
-22	2003/504	White/Tan 17x12 FT w/Black mastic	- Main Corridors/Lobby	1700 SF	N	N	MD - None Detected	
-23	2003/504	↓	↓	-	N	N	Chrysotile (M)	5
-24	2003/505	Off-white FT w/Black mastic (2nd floor)	↓	1700 SF	N	N	Chrysotile (M)	5
-25	2003/505	↓	↓	-	N	N	Chrysotile (M)	5
NS 2000		Black Tar on Wall	40 SF	40 SF	N	N		
NS 0900		Black Pipe Insulation	↓ (near Rm 109)	35 LF	Y	N	Assumed	
NS 2001		Fire Doors	Throught	4 ea	Y	N		
NS 2000		Black Tar on Wall	Room 113	12 SF	N	N		
NS 2003/505		Off-white FT w/Black mastic (under plastic covered)	↓	250 SF	N	N		

CHAIN OF CUSTODY				LAB INFORMATION	
Relinquished By (Print/Sign)	Date/Time	Received By (Print/Sign)	Date/Time	Analyzed By (Print/Sign)	Date/Time
C. Gratz	11-10-14	[Signature]	11/11/14	P. Patel	11/11/14



CRITERION LABORATORIES, INC.
ASBESTOS BULK SAMPLE LOG

PROJECT #: 142073

Client: VAMC - Lebanon VA Medical Center		Site Address: Lebanon VAMC - 1700 South Lincoln Avenue, Lebanon, PA	
Analysis:	PLM	TEM	Other
Turnaround Time		Method of Submittal	
24 Hrs	48 Hrs	Field	Walk-in
72 Hrs	Other 3-5 days	Fedex	Other
FS Name #/Work Area: Building 22		Inspector: C. Gratz / R. Hunter	
Sample Date: 10-31-14		Project Manager: Steve Vena	
Comments: NO asbestos to R-220 no asbestos above bird ceilings			

Sample #	HID #	Material Description (Including Color)	Sample Location	Qty (SF/LF)	Friable (Y/N)	Damaged (S/D/N)	For Laboratory Analysis	
							Asbestos Type (s)	%
NS 2500		Black Tar on wall	2nd Floor - Room 227	10 SF	N	N		
NS 0900		Black Pipe Insulation (in wall)	↓	20 LF	Y	N		
NS 2500		Black Tar on wall	Room 232/232	28 SF	N	N		
22-02C	1700	White 2x4 CT	Through	500 SF	Y	N	ND - None Detected	
NS 0900		Black Pipe Insulation (in wall)	Room 234	40 LF	Y	N		
NS 2500		Black Tar on wall	↓	15 SF	N	N		
-027	2005/2500	Off-white 12x12 FT w/ Blue Insulation	- Room 225	120 SF	N	N	ND - None Detected	
-028	2005/2500	↓	- Room 223	100 SF	N	N	ND - None Detected	
NS 0900		Black Pipe Insulation (in wall)	↓	20 LF	Y	N		
NS 0900		↓	- Room 235	40 LF	Y	N		
NS 2500		Black Tar on wall	↓	14 SF	N	N		
NS 2005/2500		Off-white 12x12 FT w/ Blue Insulation (under Carpet)	↓	175 SF	N	N		
NS 1700		White Treated 2x4 CT	- Room 23C	435 SF	Y	N		
-029	2500	Black Tar on wall	↓	40 SF	N	N	ND - None Detected	

LAB INFORMATION

Received By (Print/Sign)		Date/Time	Analyzed By (Print/Sign)	Date/Time
		11/11/14	P. Patel	11/11/14
Relinquished By (Print/Sign)		Date/Time		
C. Gratz		11-10-14		

CHAIN OF CUSTODY



CRITERION LABORATORIES, INC.
ASBESTOS BULK SAMPLE LOG

PROJECT #: 142073

Client: VAMC - Lebanon VA Medical Center
Site Address: Lebanon VAMC - 1700 South Lincoln Avenue, Lebanon, PA

Analysis:	PLM	TEM	Other	FS Name-#/Work Area:	Sample Date:
Turnaround/Time	48 Hrs	Field	Method of Submittal	Building 22	10-31-14
24 Hrs	Other	Walk-in	US Mail	Inspector: C. Gratz / R. Hunter	Comments:
72 Hrs		Other		Project Manager: Steve Vera	

Sample #	HID #	Material Description (Including Color)	Sample Location	Qty (SF/LF)	Friable (Y/N)	Damaged (S/D/N)	For Laboratory Analysis Asbestos Type (s)	%
NS	0900	Black Pipe Insulation (in wall)	2nd Floor - Room 236	40 LF	Y	N	ND - None Detected	
22-030	1900	Smooth Plaster	- Throughout	700 SF	Y	N	ND - None Detected	
-031	1900		- Room 219	950 SF	Y	N	ND - None Detected	
-032	0101	Grey Spray-on fireproofing		-	Y	N	ND - None Detected	
-033	0101			-	Y	N	ND - None Detected	
-034	0101			770 SF	N	N		
-035	2007/2507	Pink 17x12 FT w/ yellow (under) mesh (ceiling)		-	N	N		
-036	2007/2507		Throughout	800 SF	Y	N		
-037	2100	Drywall / joint compound	- Room 216	750 SF	Y	N		
-038	0101	Grey Spray-on fireproofing		-	Y	N		
-039	0101			570 SF	N	N		
NS	2007/2507	Pink 17x12 FT w/ yellow (under) mesh (ceiling)	- Room 201	10 SF	N	N		
NS	2500	Black Tar on wall		20 LF	Y	N		
NS	0900	Black Pipe Insulation (in wall)						

LAB INFORMATION

Relinquished By (Print/Sign)	Date/Time	Received By (Print/Sign)	Date/Time	Analyzed By (Print/Sign)	Date/Time
C. Gratz	11-10-14	[Signature]	11/14/14	P. Patel	11/11/14



CRITERION LABORATORIES, INC.
ASBESTOS BULK SAMPLE LOG

PROJECT #: 142073

Client: VAMC - Lebanon VA Medical Center		Site Address: Lebanon VAMC - 1700 South Lincoln Avenue, Lebanon, PA	
Analysis:	PLM	TEM	Other
Turnaround Time		Method of Submittal	
24 Hrs	48 Hrs	Field	Walk-in
72 Hrs	Other 3-5 day	Fedex	Other
FS Name-#/Work Area:		Inspector: C. Gratz / R. Hunter	
Sample Date: 10-31-14		Project Manager: Steve Vena	
Comments:			

Sample #	HID #	Material Description (Including Color)	Sample Location	Qty (SF/LF)	Friable (Y/N)	Damaged (S/D/N)	For Laboratory Analysis	
							Asbestos Type (s)	%
NS 0101	0101	Gray Spang-on fireproofing	2nd Floor - Room 214	500 SF	Y	N		
22-040	20082558	Maroon/white 12x12 FT w/Black matrix	↓	290 SF	N	N	ND - None Detected	
-041	20082558	↓		—	N	N	ND - None Detected	
NS 0101	0101	Gray Spang-on fireproofing	- Room 218	350 SF	Y	N		
NS 2058	2058	off-white 12x12 FT w/Black matrix	↓	215 SF	N	N		
NS 2000	2000	Black Tar on wall	- Room 204 - Min's	35 SF	N	N		
NS 0900	0900	Black Pipe Insulation (in wall)	↓	40 LF	Y	N		
NS 2000	2000	Black Tar on wall	- Room 234 - Rooms	35 SF	N	N		
NS 0900	0900	Black Pipe Insulation (in wall)	↓	40 LF	Y	N		
-042	20082559	White w/straw 12x12 FT w/Black matrix	- Room 205 - Pipe Chase	30 SF	N	N	CHRYSOITE (T/M)	10/5
NS 2508	2508	Black Mastec (under carpet)	- Room 206 A	440 SF	N	N		
NS 0900	0900	Black Pipe Insulation (in wall)	↓	20 LF	Y	N		
NS 2000	2000	Black Tar on wall		32 SF	—	—		

CHAIN OF CUSTODY			LAB INFORMATION		
Relinquished By (Print/Sign)	Date/Time	Received By (Print/Sign)	Date/Time	Analyzed By (Print/Sign)	Date/Time
C. Gratz	11-10-14	[Signature]	11/11/14	P. Patel	11/11/14



CRITERION LABORATORIES, INC.
ASBESTOS BULK SAMPLE LOG

PROJECT #: 142073

Client: VAMC - Lebanon VA Medical Center
Site Address: Lebanon VAMC - 1700 South Lincoln Avenue, Lebanon, PA

Analysis:	PLM	TEM	Other	FS Name#/Work Area: Building 22	Sample Date: 10-31-14	Comments: no asbestos to Rn 212
	Turnaround Time					
24 Hrs	48 Hrs	Field	Walk-in	US Mail		
72 Hrs	Other 3-5 days	Fedex	Other	Inspector: C. Gratz / R. Hunter		
				Project Manager: Steve Vena		

Sample #	HID #	Material Description (Including Color)	Sample Location	Qty (SF/LE)	Friable (Y/N)	Damaged (S/D/N)	For Laboratory Analysis Asbestos Type (s)	%
NS	2508	Black Mastic (under carpet)	2nd Floor - Room 20C B+Hwy	240 SF	N	N		
NS	0900	Black Pipe Insulation (in wall)	↓	20 LF	Y	N		
NS	2508	Black Mastic (under carpet)	- Room 213	100 SF	N	N		
NS	0101	Gray Spigot on fireproofing	↓	120 SF	Y	N		
22-043	2010/2510	White w/gray 12x12 floor w/ black mastic	- Room 208	—	N	N	Chrysotile (M)	5
-044	2010/2510	↓	↓	243 SF	N	N	Chrysotile (M)	5
NS	0900	Black Pipe Insulation (in wall)	↓	20 LF	Y	N		
NS	0600	Black Tar on wall	↓	12 SF	N	N		
-43	2200	White linoleum	- Room 209	650	N	N	UD - None Detected	
-4C	2200	↓	↓	—	N	N	ND - None Detected	
NS	2500	Black Tar on wall	↓	40 SF	N	N		
NS	0900	Black Pipe Insulation (in wall)	↓	40 LF	Y	N		
NS	2007/2509	White w/ streaks 12x12 floor w/ black mastic	- Room 209 A	30 SF	N	D		
—	—	—	—	—	—	—		

CHAIN OF CUSTODY

LAB INFORMATION

Relinquished By: C. Gratz	Date/Time: 11-10-14	Received By: [Signature]	Date/Time: 11/11/14	Analyzed By: P. Patel	Date/Time: 11/11/14
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CRITERION LABORATORIES, INC.
ASBESTOS BULK SAMPLE LOG

PROJECT #: 142073

Client: VAMC - Lebanon VA Medical Center Site Address: Lebanon VAMC - 1700 South Lincoln Avenue, Lebanon, PA

Analysis:	PLM	TEM	Other	FS Name-#/Work Area:	Sample Date:
	Turnaround Time	48 Hrs	Field	Inspector: C. Gratz / R. Hunter	10-31-14
24 Hrs	Other 3-5 d-7	Fedex	US Mail	Project Manager: Steve Vena	Comments: no asbestos to 307

Sample #	HID #	Material Description (Including Color)	Sample Location	Qty (SF/LF)	Friable (Y/N)	Damaged (S/D/N)	For Laboratory Analysis	
							Asbestos Type (S)	%
22-NS	2008/2508	Maroon (white 17x12 FT w/ Black mat)	2nd Floor - Room 217	500 SF	N	N		
NS	0101	Gray Spigot on fireproofing	↓	650 SF	Y	N		
NS	0900	Black Pipe Insulation (in wall)	↓	24 LF	Y	N		
NS	2008/2508	Maroon/white 17x12 FT w/ Black mat	- Corridors/Main Lobby	1700 SF	N	N		
NS	2501	Fire doors	↓	3 each	Y	N	Asbestos	
NS	2600	Black Tar Mat on wall	3rd Floor - 323 Library Area	130 SF	N	N		
NS	0900	Black Pipe Insulation	11 Rm 303 - 304 Main Room	15 LF	Y	N		
NS	2600	Black Tar on wall	Rm 334 - 309 Room	15 SF	N	N		
NS	2600	↓	Room 304 - Main Room	15 SF	N	N		
NS	2600	↓	Room 308	10 SF	N	N		
NS	2600	↓	Room 309	15 SF	N	N		
NS	2600	↓	Room 310/311	25 SF	N	N		
-047	2008/2511	White/Blue 17x12 FT w/ Black mat	Room 319	175 SF	N	N	MD - None Detected	
-048	2008/2511	↓	↓	-	N	N	MD - None Detected	

CHAIN OF CUSTODY			LAB INFORMATION		
Relinquished By (Print/Sign)	Date/Time	Received By (Print/Sign)	Date/Time	Analyzed By (Print/Sign)	Date/Time
C. Gratz	11-10-14	[Signature]	11/11/14	P. Patel	11/11/14



CRITERION LABORATORIES, INC.
ASBESTOS BULK SAMPLE LOG

PROJECT #: 142073

Client: VAMC - Lebanon VA Medical Center
Site Address: Lebanon VAMC - 1700 South Lincoln Avenue, Lebanon, PA

Analysis:	PLM	TEM	Other	FS Name#/Work Area:	Sample Date:
Turnaround Time	48 Hrs	Field	US Mail	Inspector: C. Gratz / R. Hunter	11-3-14
72 Hrs	Other 3-5dy	Fedex	Other	Project Manager: Steve Vena	Comments: no access to 312

Sample #	HID #	Material Description (Including Color)	Sample Location	Qty (SF/LE)	Frangible (Y/N)	Damaged (S/D/N)	For Laboratory Analysis Asbestos Type (s)	%
NS	2500	Black Tar on wall	3rd Floor - Room 318	15 SF	N	N		
NS	2500	↓	Room 319	15 SF	N	N		
NS	2012/2511	White / Blue 12x12 FT w/ Black (inter)	↓	190 SF	N	N		
NS	2012/2511	↓	Room 317	115 SF	N	N		
NS	2500	Black Tar on wall	↓	12 SF	N	N		
NS	2500	↓	Room 313	20 SF	N	N		
NS	2012/2511	White / Blue 12x12 FT w/ Black (inter)	↓	190 SF	N	N		
NS	2500	Black Mntl on wall	Room 312	15 SF	N	N		
22-044	1761	White 2x4 CT	- Throughout	5000 SF	Y	N	ND - None Detected	
-050	1900	Smooth Plaster	↓	7000 SF	Y	N	ND - None Detected	
-051	1900	↓	↓	-	Y	N	ND - None Detected	
NS	2601	Fire doors	↓	3 ea	Y	N	Assumed	
NS	2100	Drywall / Joint Compound	↓	1500 SF	Y	N		
NS	2012/2511	White / Blue 12x12 FT w/ Black	- Corridors	1420 SF	N	N		

LAB INFORMATION

Relinquished By (Print/Sign)	Date/Time	Received By (Print/Sign)	Date/Time	Analyzed By (Print/Sign)	Date/Time
C. Gratz	11-10-14	[Signature]	11/11/14	P. Patel	11/11/14



PROJECT #: 142073

Client: VAMC - Lebanon VA Medical Center

Site Address: Lebanon VAMC - 1700 South Lincoln Avenue, Lebanon, OH

Sample Date: 11-3-14

Comments:
No news, to Rm 305
No suspect mat'l's in purchase

Inspector: C. Gratz / R. Hunter

Project Manager: Steve Veria

[illegible]

LAB INFORMATION

Relinquished By (Print/Sign)	Date/Time
<i>C. Grant</i>	11-10-14

Received By (Print/Sign)	Date/Time
<i>[Signature]</i>	11/11/14

Analyzed By (Print/Sign)	Date/Time
<i>P. Patel</i>	11/11/14

3.0 ASBESTOS INVENTORY

SECTION 3.0
ASBESTOS INVENTORY
Lebanon VA Medical Center
1700 South Lincoln Avenue, Lebanon, PA

Building 22:

1st Floor

<u>Location</u>	<u>Material</u>	<u>Quantity</u>	<u>Friable</u>	<u>Condition</u>
Storage Room 109	Block Pipe Insulation (in wall)	140 linear feet (LF)	Y	N
Restroom 114	Block Pipe Insulation (in wall)	20 LF	Y	N
Room 101	Block Pipe Insulation (in wall)	20 LF	Y	N
Room 102	Block Pipe Insulation (in wall)	10 LF	Y	N
Room 104	Block Pipe Insulation	150 LF	Y	D
Room 105	Block Pipe Insulation (in wall)	20 LF	Y	N
Room 107B	Block Pipe Insulation	50 LF	Y	D
107 Corridor	Block Pipe Insulation	25 LF	Y	N
107 Corridor	Compressed Paper Pipe Insulation (in wall)	10 LF	Y	D
119 corridor	Black Mastic A/W Yellow/White 12"x12" Floor Tile	290 square feet (SF)	N	N
Main Corridors/Lobby	Black Mastic A/W Off-White Floor Tile (2 nd Layer)	1,700 SF	N	N
In Corridor near Room 109	Block Pipe Insulation	35 LF	Y	N
Room 113	Black Mastic A/W Off-White Floor Tile (under carpet)	250 SF	N	N
Throughout	Fire Doors	4 each (EA)	Y	N

SECTION 3.0
ASBESTOS INVENTORY
Lebanon VA Medical Center
1700 South Lincoln Avenue, Lebanon, PA

Building 22:		<u>Location</u>	<u>Material</u>	<u>Quantity</u>	<u>Friable</u>	<u>Condition</u>
2nd Floor						
	Room 227	Block Pipe Insulation (in wall)	20 LF	Y	N	
	Room 234	Block Pipe Insulation (in wall)	40 LF	Y	N	
	Room 223	Block Pipe Insulation (in wall)	20 LF	Y	N	
	Room 235	Block Pipe Insulation (in wall)	40 LF	Y	N	
	Room 236	Block Pipe Insulation (in wall)	40 LF	Y	N	
	Room 201	Block Pipe Insulation (in wall)	20 LF	Y	N	
	Room 204 Men’s Room	Block Pipe Insulation (in wall)	40 LF	Y	N	
	Room 239 Women’s Room	Block Pipe Insulation (in wall)	40 LF	Y	N	
	Room 205 Pipe Chase	White w/ Streaks 12”x12” Floor Tile w/ Black Mastic	30 SF	N	N	
	Room 206A	Block Pipe Insulation (in wall)	20 LF	Y	N	
	Room 206B & Associated Hallway	Block Pipe Insulation (in wall)	20 LF	Y	N	
	Room 208	Black Mastic A/W White w/ Grey 12”x12” Floor Tile	243 SF	N	N	
	Room 208	Block Pipe Insulation (in wall)	20 LF	Y	N	
	Room 209	Block Pipe Insulation (in wall)	40 LF	Y	N	

SECTION 3.0
ASBESTOS INVENTORY
Lebanon VA Medical Center
1700 South Lincoln Avenue, Lebanon, PA

Building 22:

<u>Location</u>	<u>Material</u>	<u>Quantity</u>	<u>Friable</u>	<u>Condition</u>
2nd Floor				
Room 217	Block Pipe Insulation (in wall)	24 LF	Y	N
Room 209A	White w/ Streaks 12"x12" Floor Tile w/ Black Mastic	36 SF	N	D
Throughout	Fire Doors	3 EA	Y	N
3rd Floor				
Room 323	Block Pipe Insulation	15 LF	Y	N
Corridors	Block Pipe Insulation	50 LF	Y	N
Throughout	Fire Doors	3 EA	Y	N

- Condition: N = No Damage, D = Damage, S = Significant Damage
- Quantities are approximated and must be verified by abatement contractor.

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:

- ❖ Smooth Plaster
- ❖ Drywall/Joint Compound
- ❖ Tan Spray-On Fireproofing
- ❖ White Textured 2'x2' Lay-In Ceiling Tiles
- ❖ Black 12"x12" Floor Tile w/ Yellow Mastic
- ❖ White 2'x4' Lay-In Ceiling Tiles
- ❖ Black Tar Material on Wall
- ❖ Tan w/ Multi Colors 12"x12" Floor Tile w/ Yellow Mastic
- ❖ Orange 12"x12" Floor Tile w/ Black Mastic (Under Carpet)
- ❖ White/Teal 12"x12" Floor Tile w/ Black Mastic
- ❖ Off-White Floor Tile (2nd Layer)
- ❖ Yellow/White 12"x12" Floor Tile
- ❖ Off-White 12"x12" Floor Tile w/ Yellow Mastic
- ❖ Grey Spray-On Fireproofing
- ❖ Pink 12"x12" Floor Tile w/ Yellow Mastic (Under Carpet)
- ❖ Maroon/White 12"x12" Floor Tile w/ Black Mastic
- ❖ Black Carpet Mastic
- ❖ White w/ Grey 12"x12" Floor Tile
- ❖ White Linoleum
- ❖ White/Blue 12"x12" Floor Tile w/ 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)

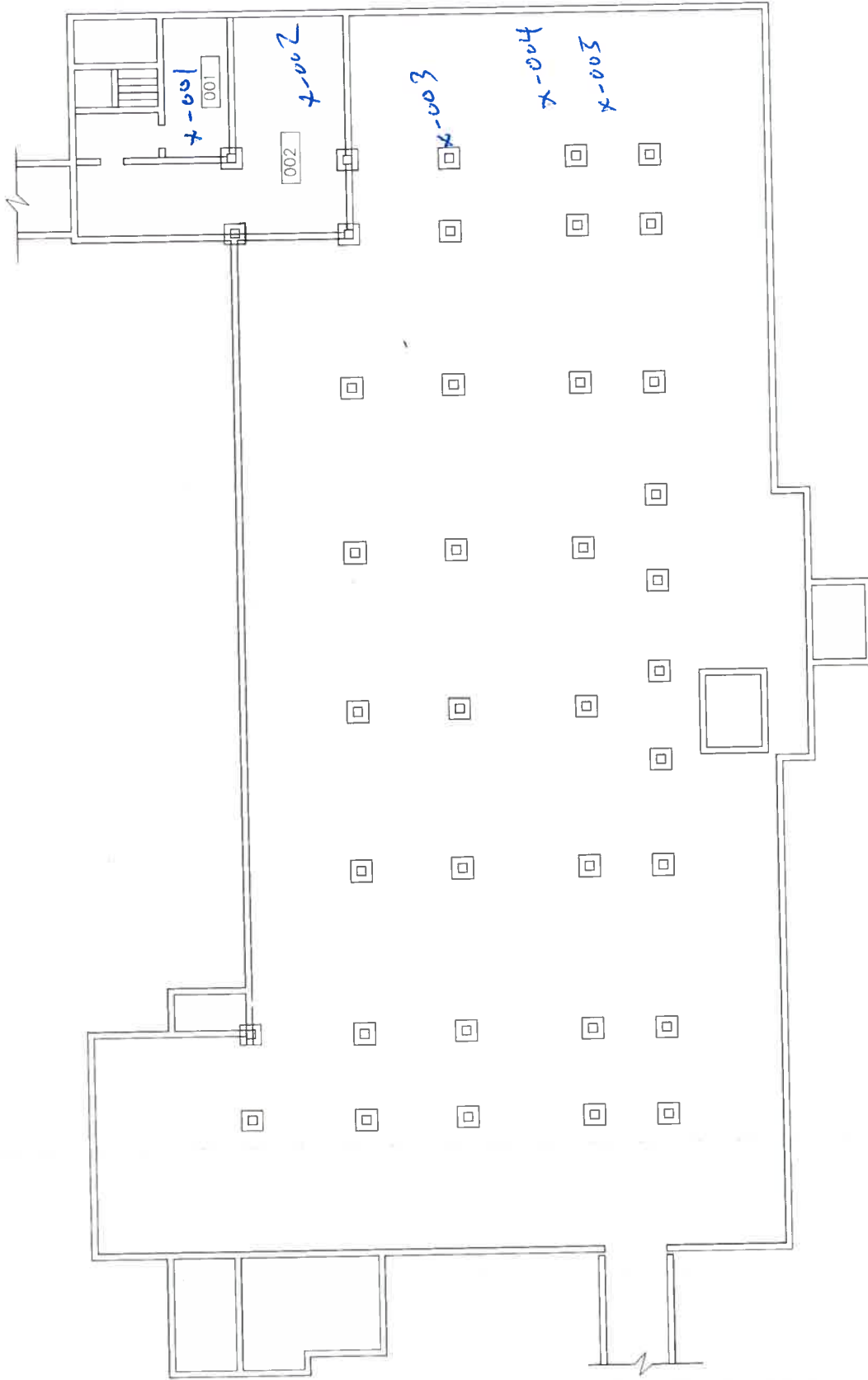
Miscellaneous

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

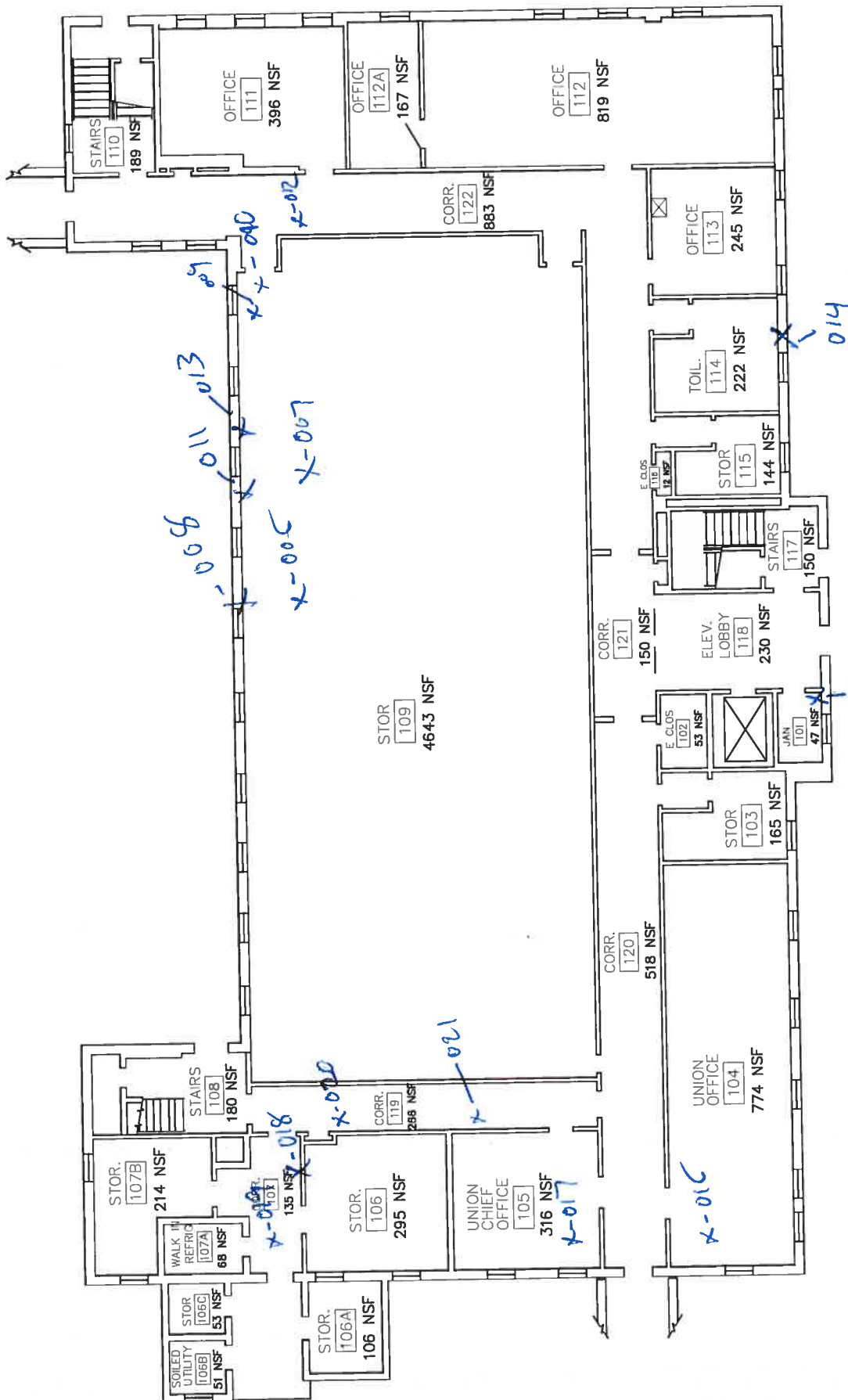
4. A sampling scheme was devised based upon the amounts and locations of the different homogeneous materials in order to obtain representative samples.
5. Trained personnel using an appropriate sampling tool and a leak-tight, labeled sample container took the actual bulk samples. The sampling was conducted 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 DRAWINGS WITH SAMPLE LOCATIONS

142073
10-31-14



BUILDING 22
PIPE BASEMENT PLAN
SCALE: NONE

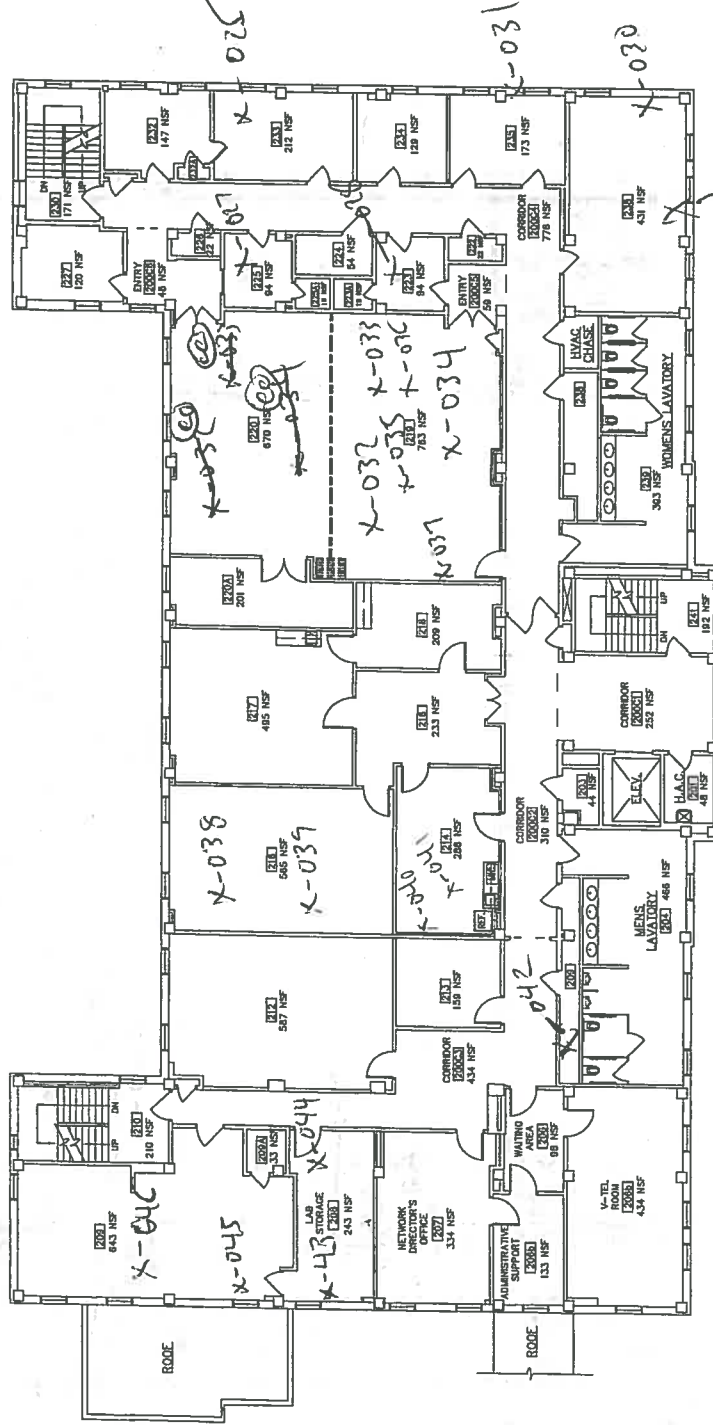


BUILDING 22
FIRST FLOOR PLAN

SCALE: NONE

142073

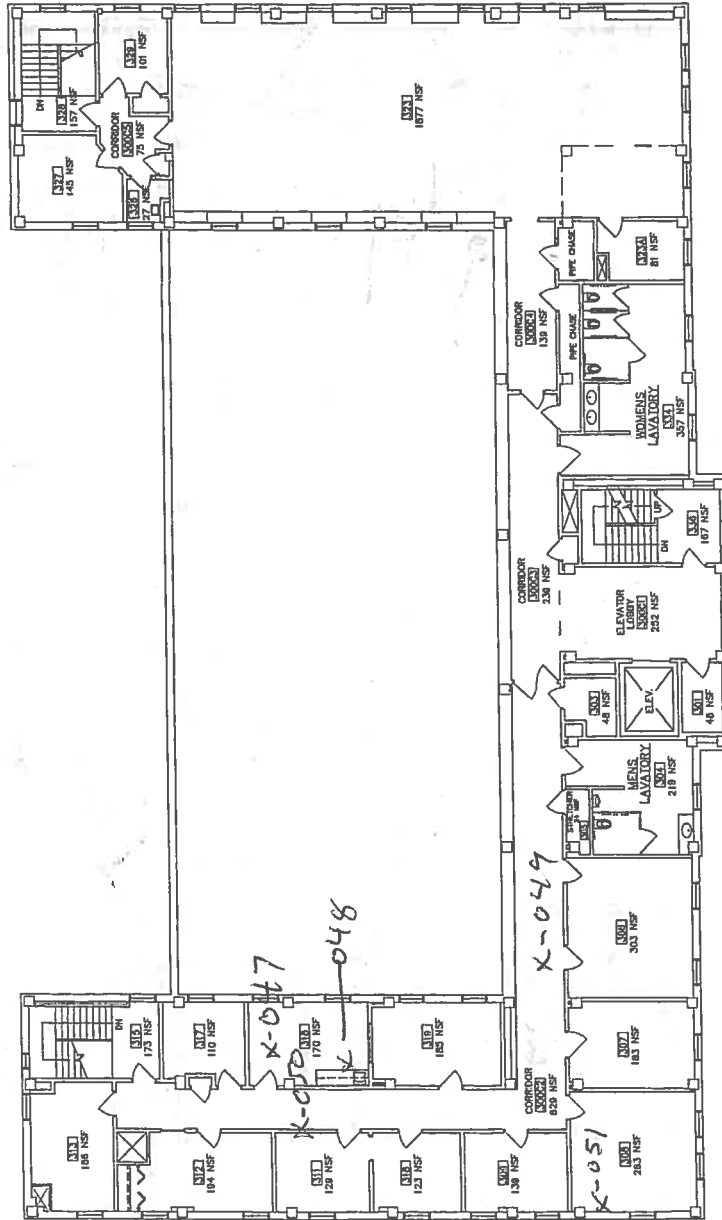
10-31-14



BUILDING 22
SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

142073

10-31-14 / 11-3-14



BUILDING 22
THIRD FLOOR PLAN
SCALE 1/8" = 1'-0"

7.0 PHOTOGRAPHS OF SAMPLED MATERIALS

7.0 Photographs of Sampled Materials

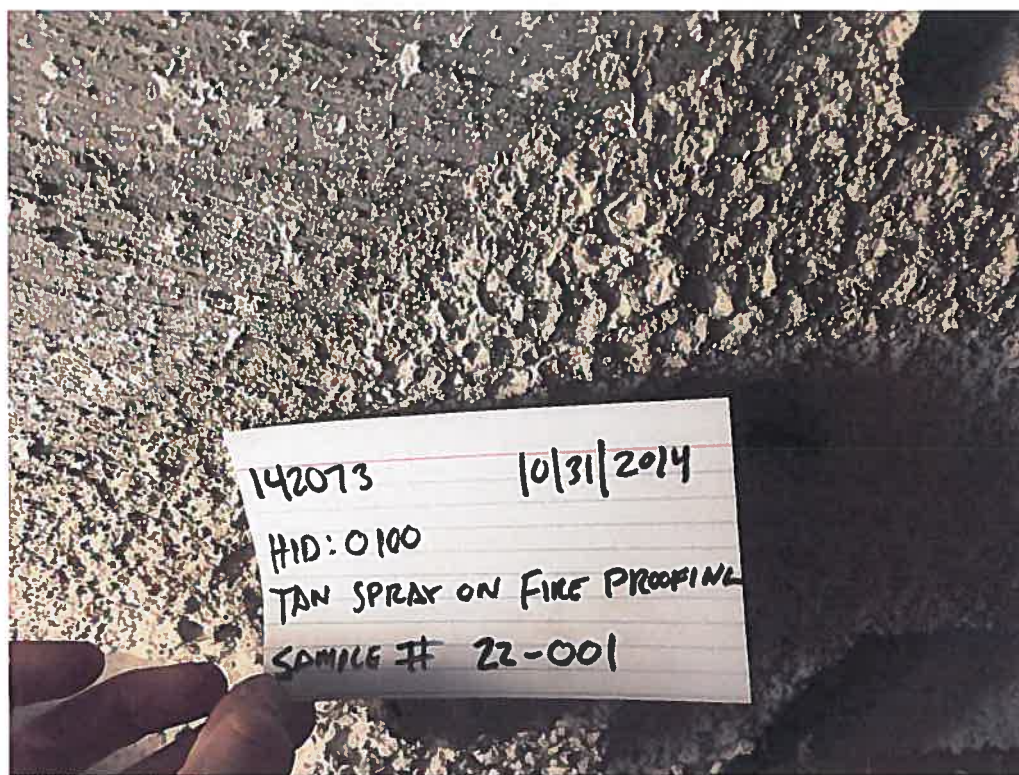


Figure 1: HID#0100 – Tan Spray-On Fireproofing

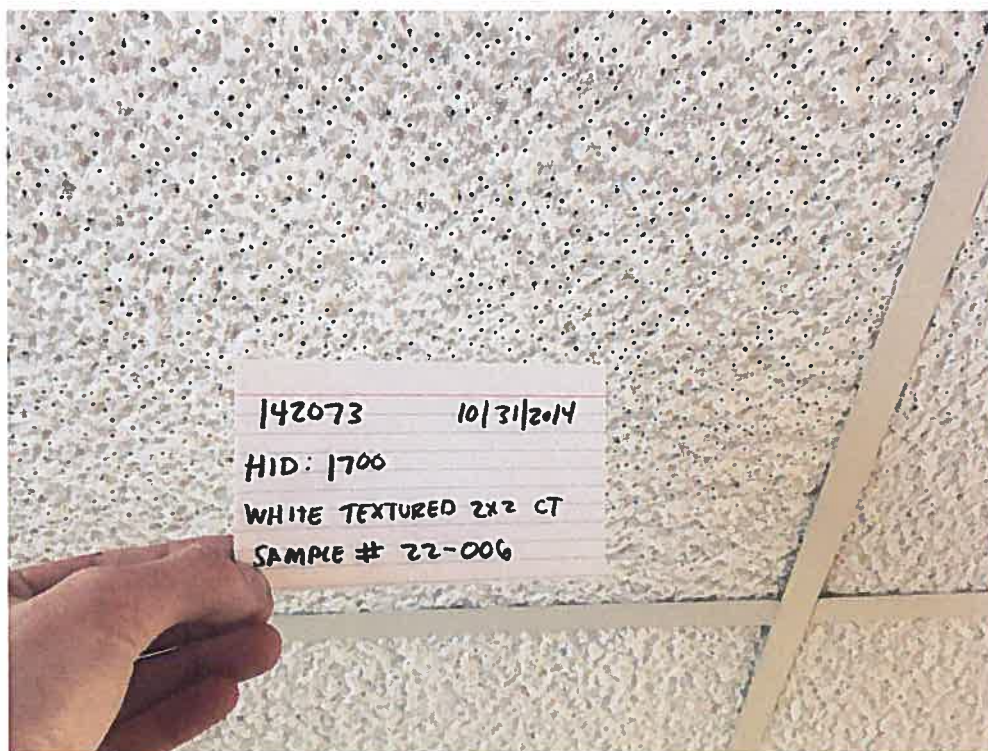


Figure 2: HID#1700 – White Textured 2'x2' Ceiling Tiles

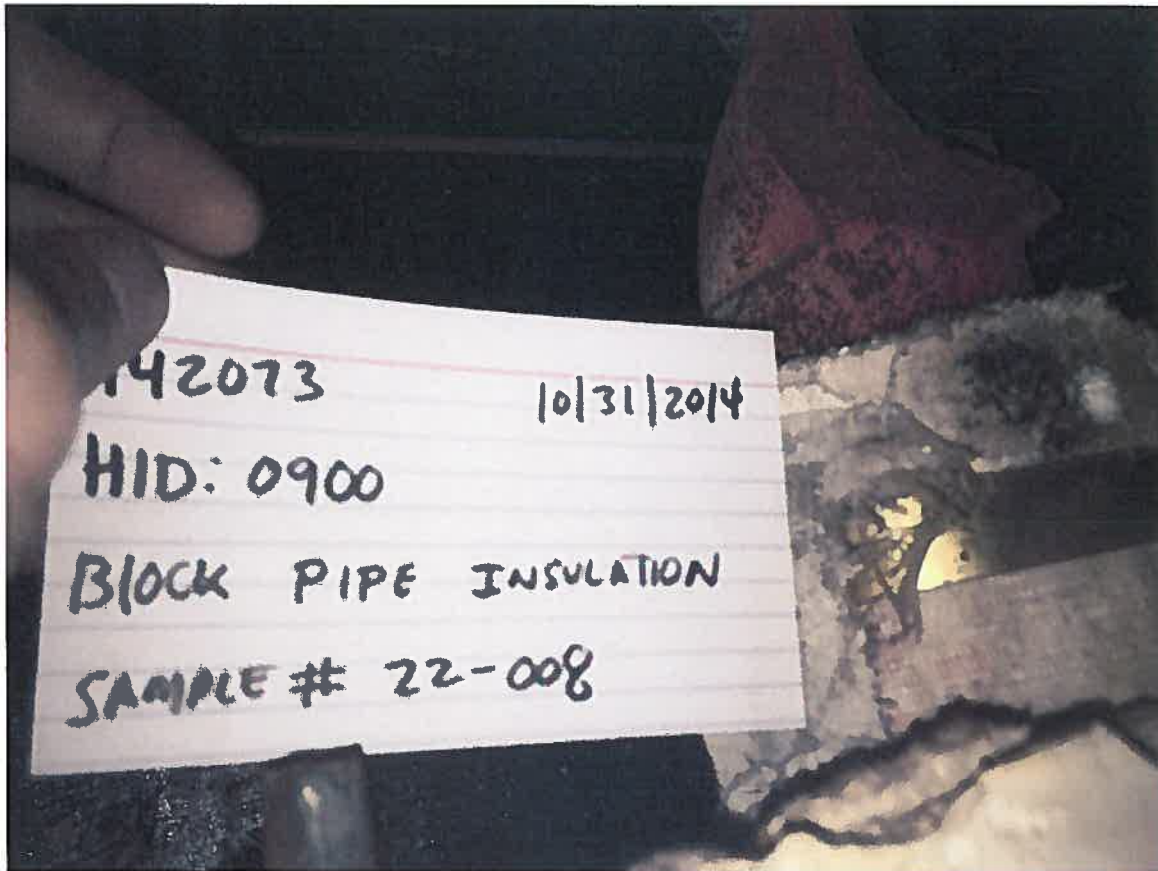


Figure 3: HID#0900 – Block Pipe Insulation

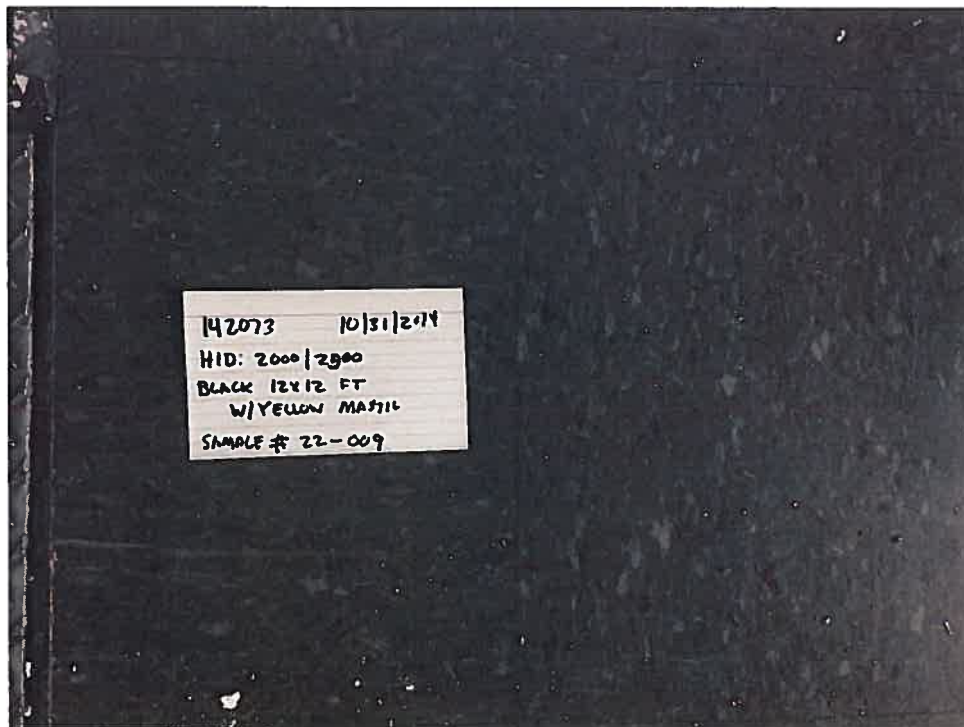


Figure 4: HID#2000/2500 – Black 12"x12" Floor Tile w/ Yellow Mastic

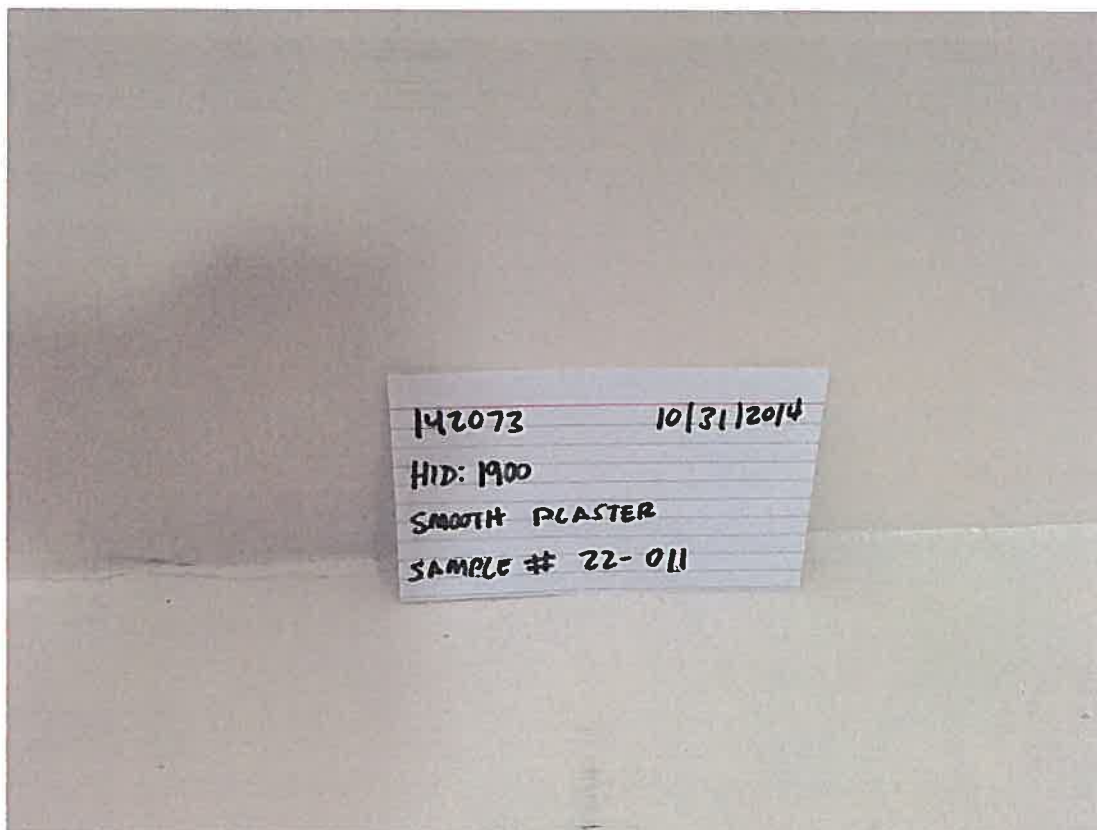


Figure 5: HID#1900 – Smooth Plaster

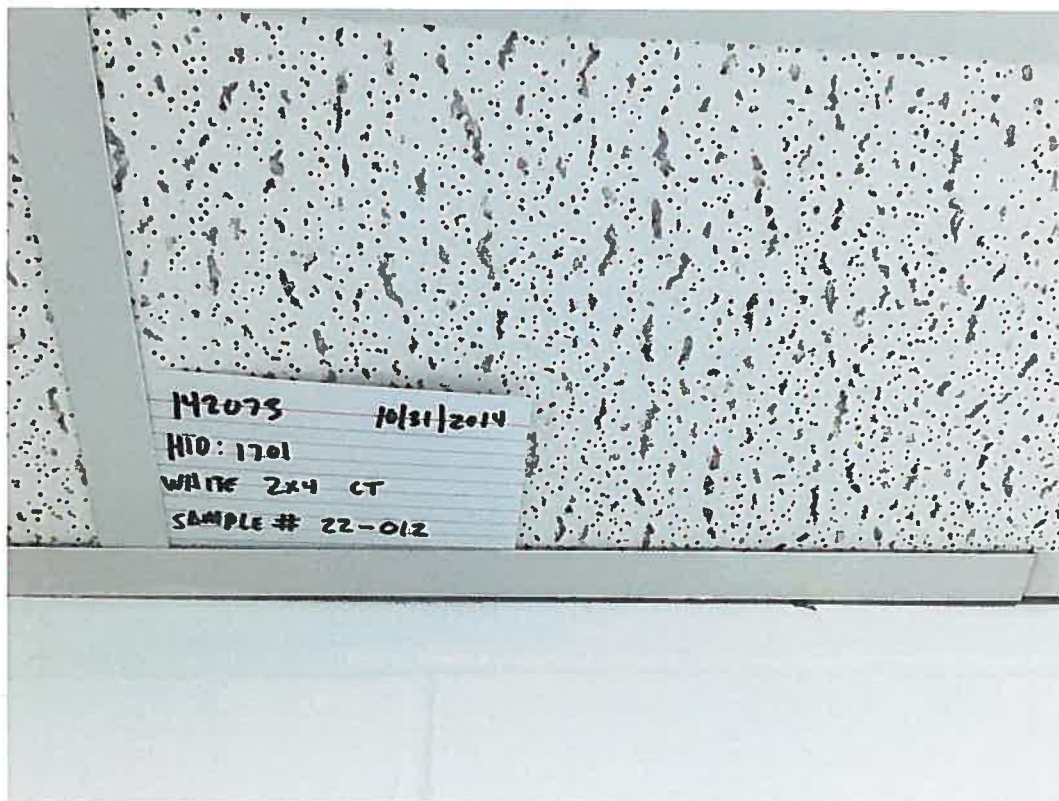


Figure 6: HID#1701 – White 2'x4' Ceiling Tiles

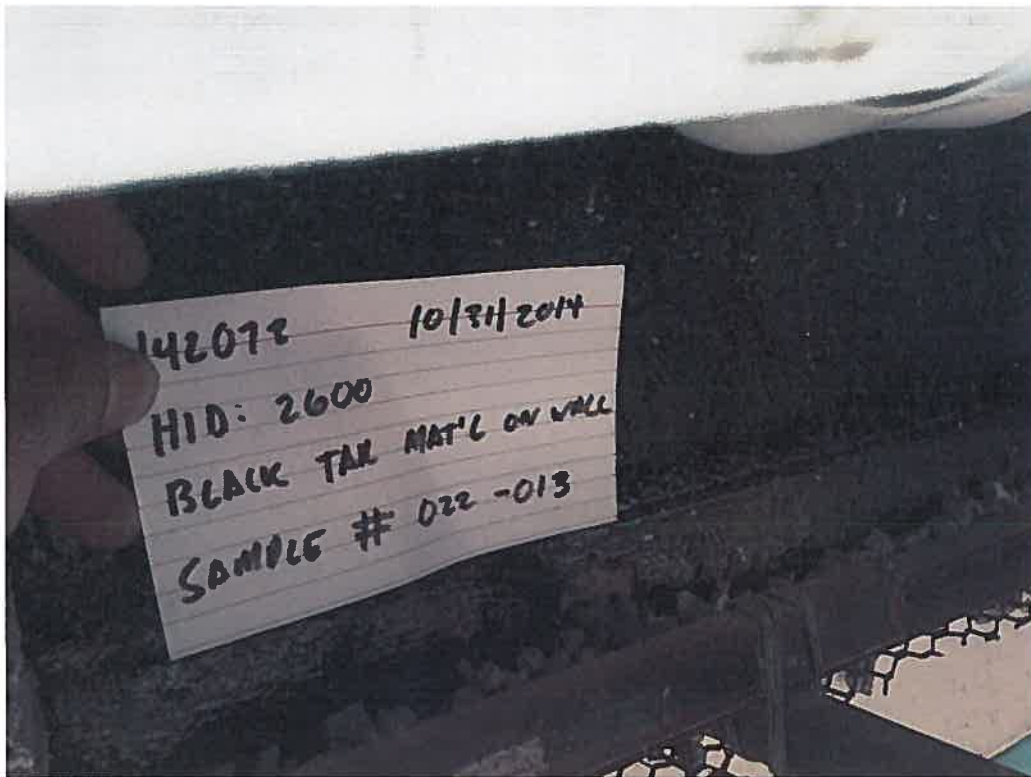


Figure 7: HID#2600 – Black Tar Material on Wall

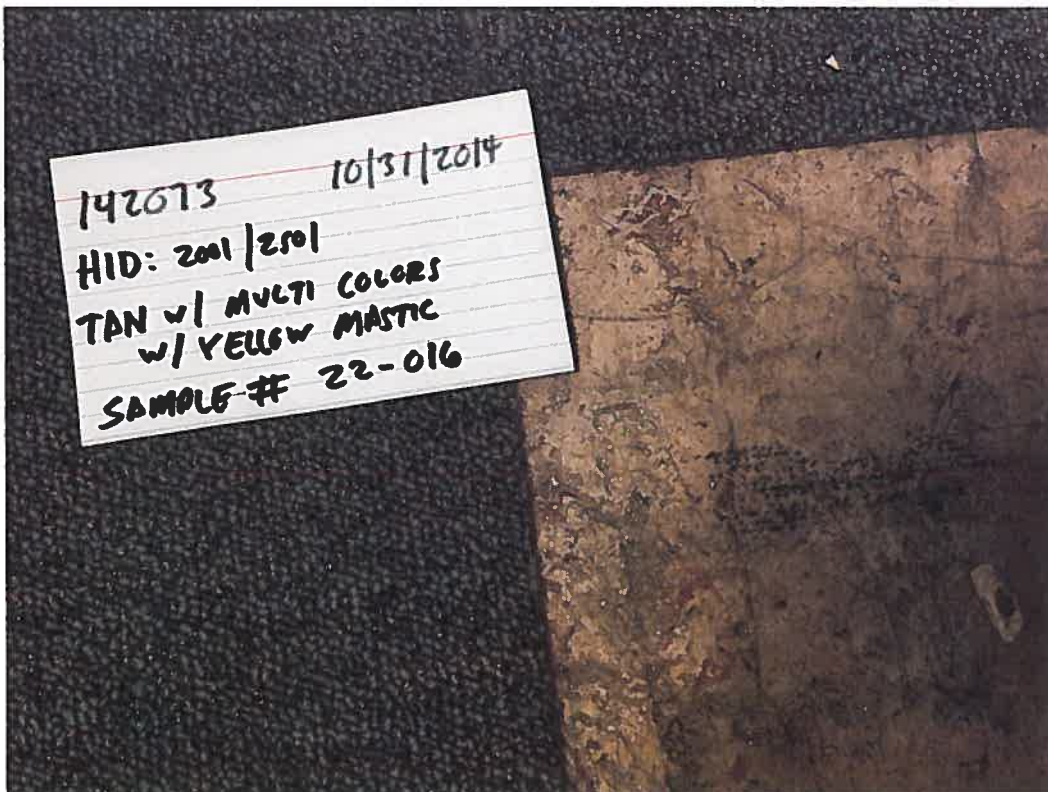


Figure 8: HID#2001/2501 – Tan w/ Multi Colors 12"x12" Floor Tile w/ Yellow Mastic



Figure 9: HID#2002/2502 – Orange 12"x12" Floor Tile w/ Black Mastic

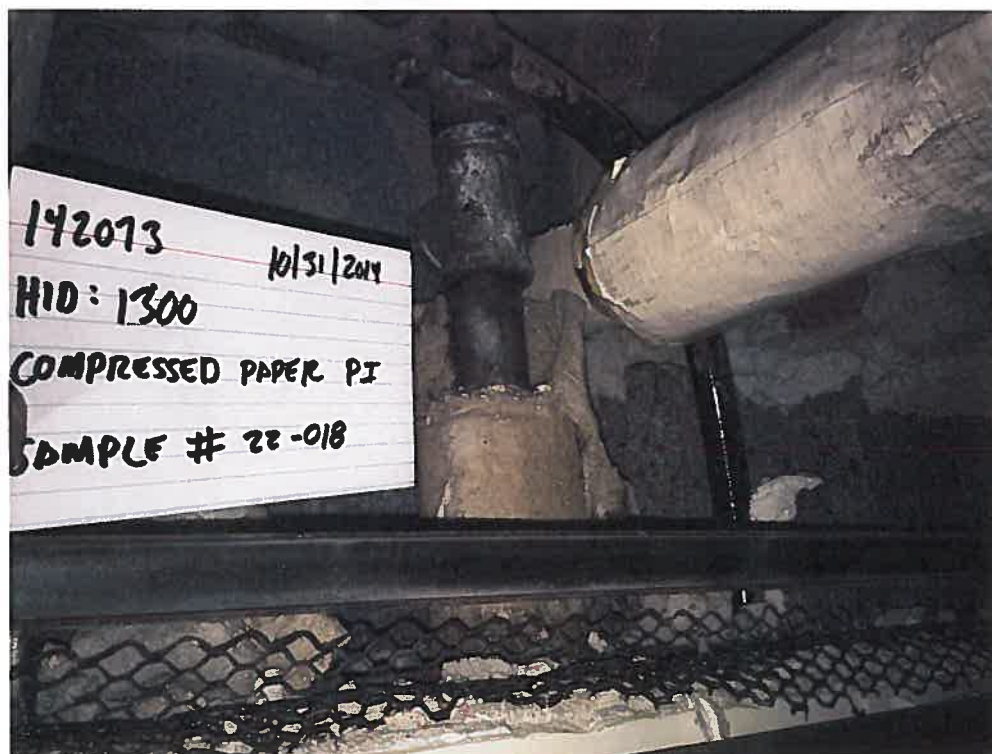


Figure 10: HID#1300 – Compressed Paper Pipe Insulation

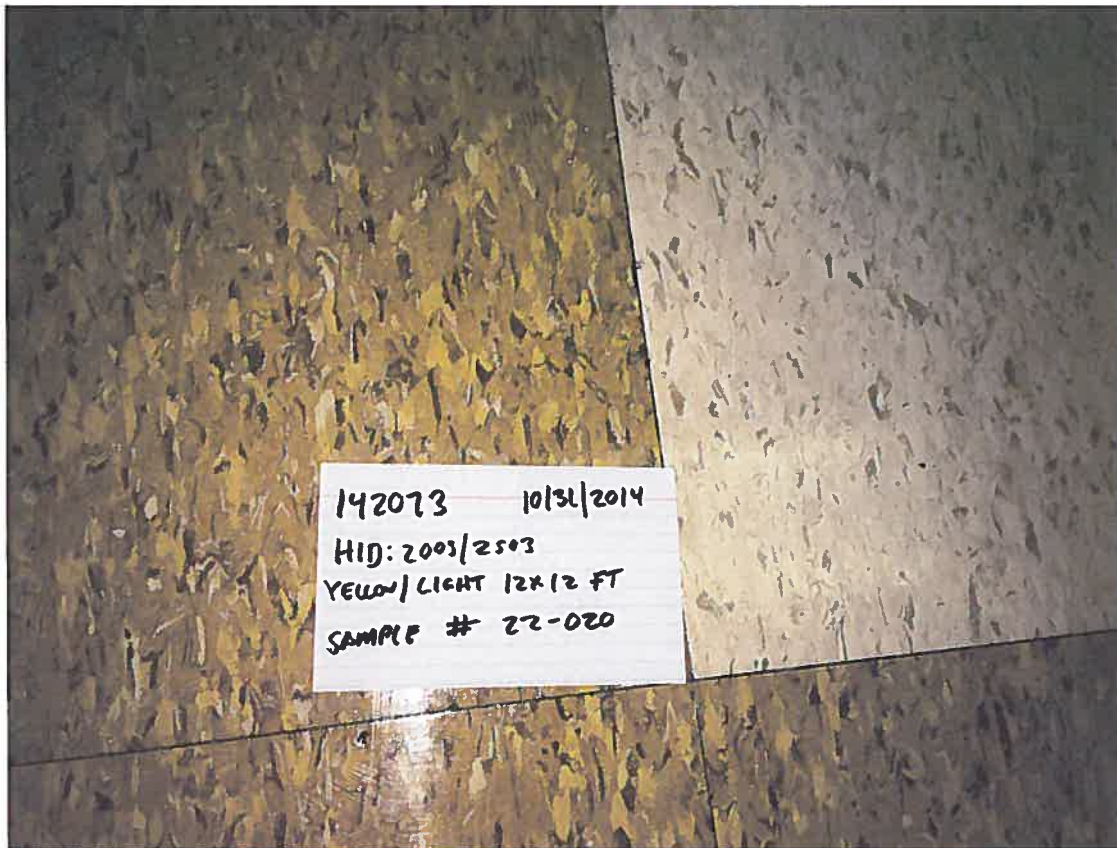


Figure 11: HID#2003/2503 – Yellow/White 12"x12" Floor Tile w/ Black Mastic

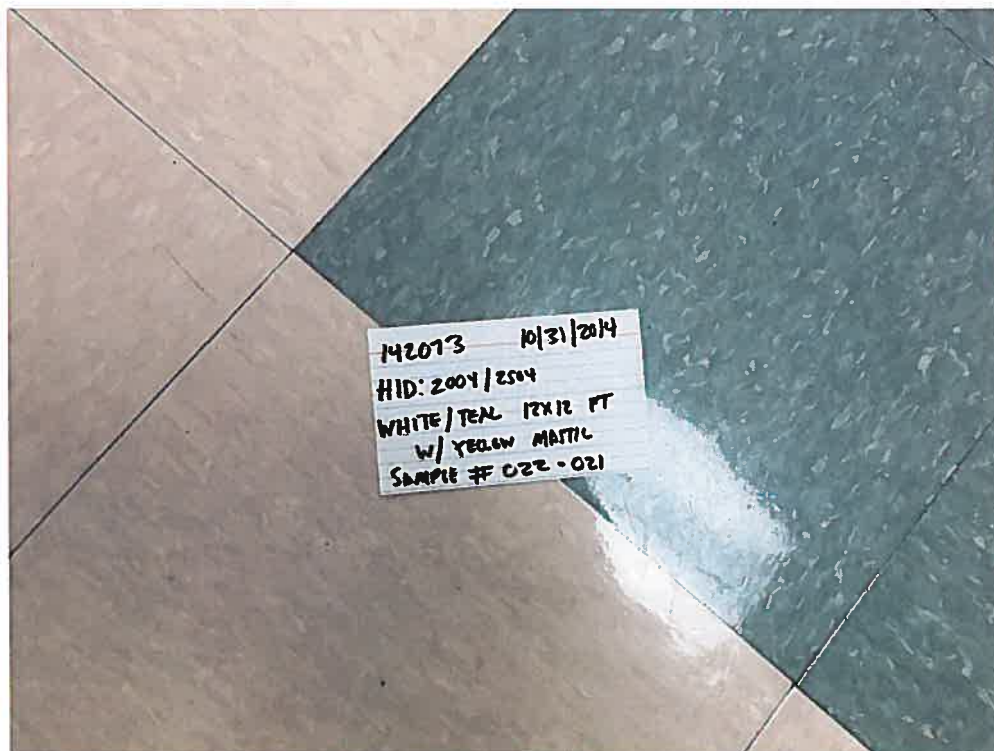


Figure 12: HID#2004/2504 – White/Teal 12"x12" Floor Tile w/ Black Mastic

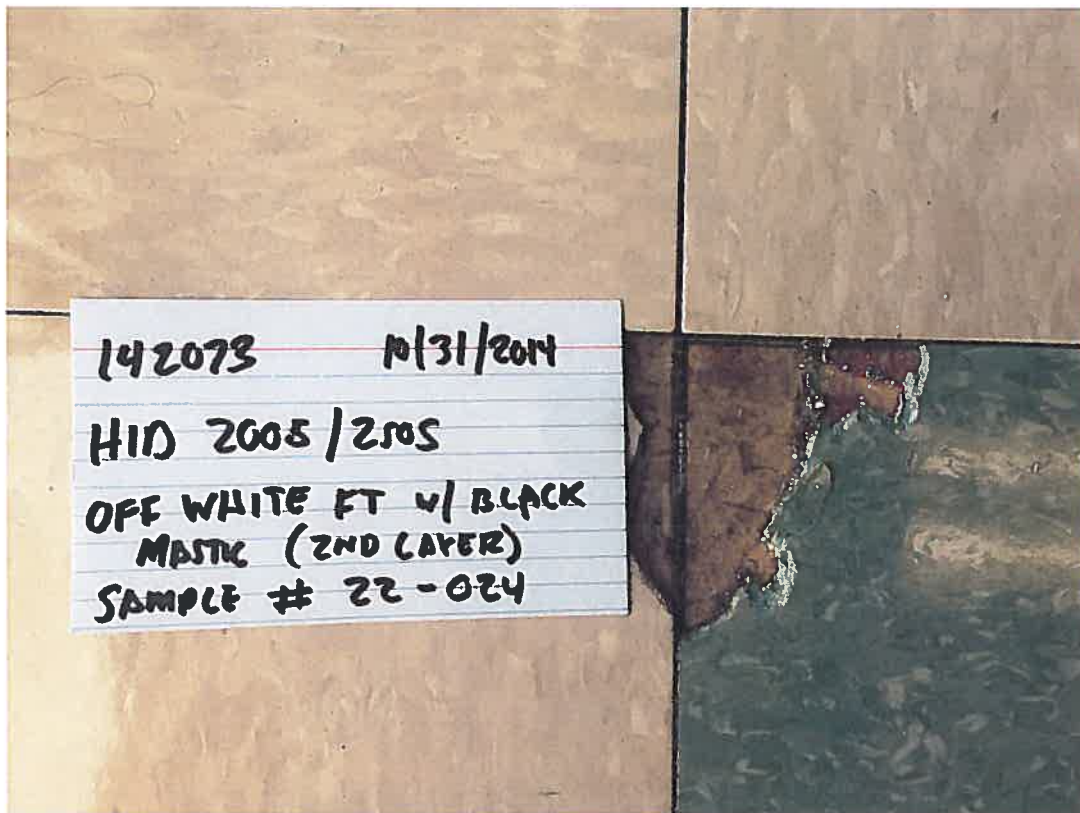


Figure 13: HID#2005/2505 – Off-White Floor Tile w/ Black Mastic (2nd Layer)

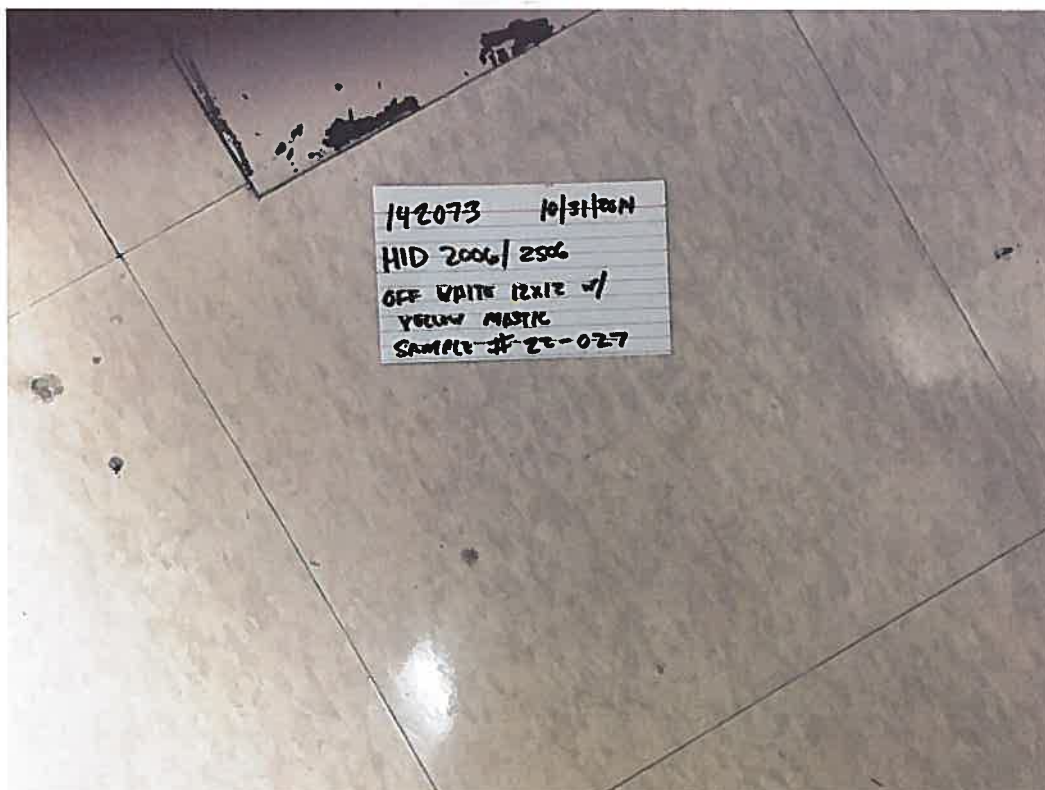


Figure 14: HID#2006/2506 – Off-White 12"x12" Floor Tile w/ Yellow Mastic

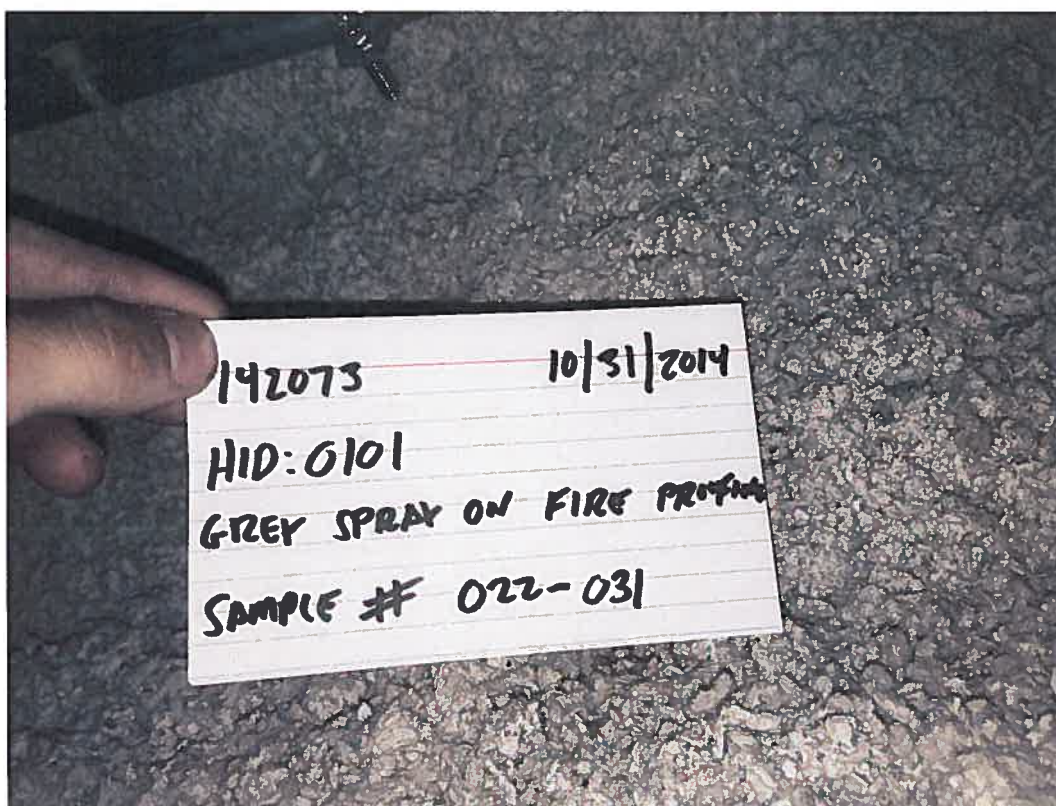


Figure 15: HID#0101 – Grey Spray-On Fireproofing



Figure 16: HID#2007/2507 – Pink 12"x12" Floor Tile w/ Yellow Mastic

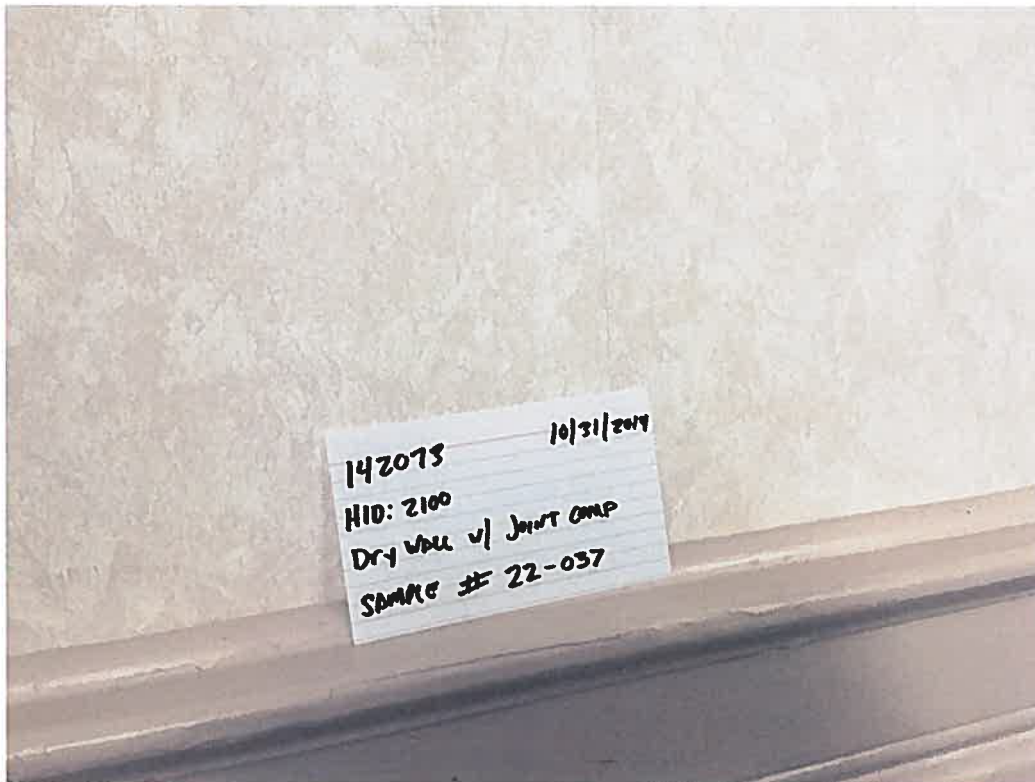


Figure 17: HID#2100 – Drywall/Joint Compound

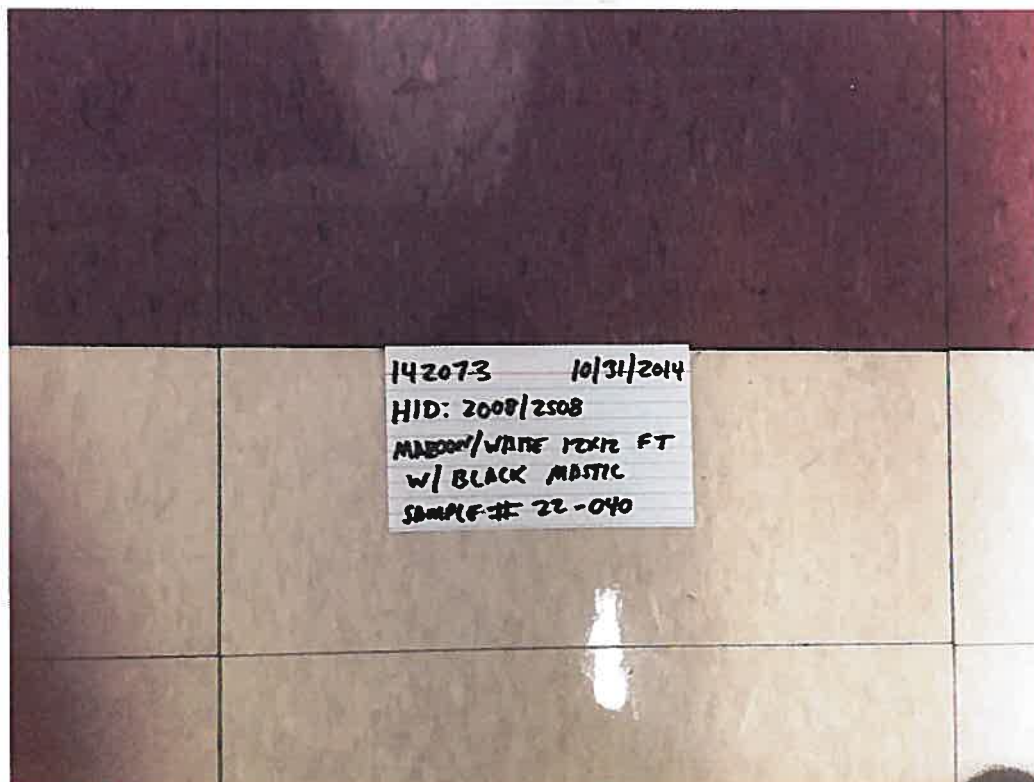


Figure 18: HID#2008/2508 – Maroon/White 12"x12" Floor Tile w/ Black Mastic



Figure 19: HID#2009/2509 – White w/ Streaks 12"x12" Floor Tile w/ Black Mastic

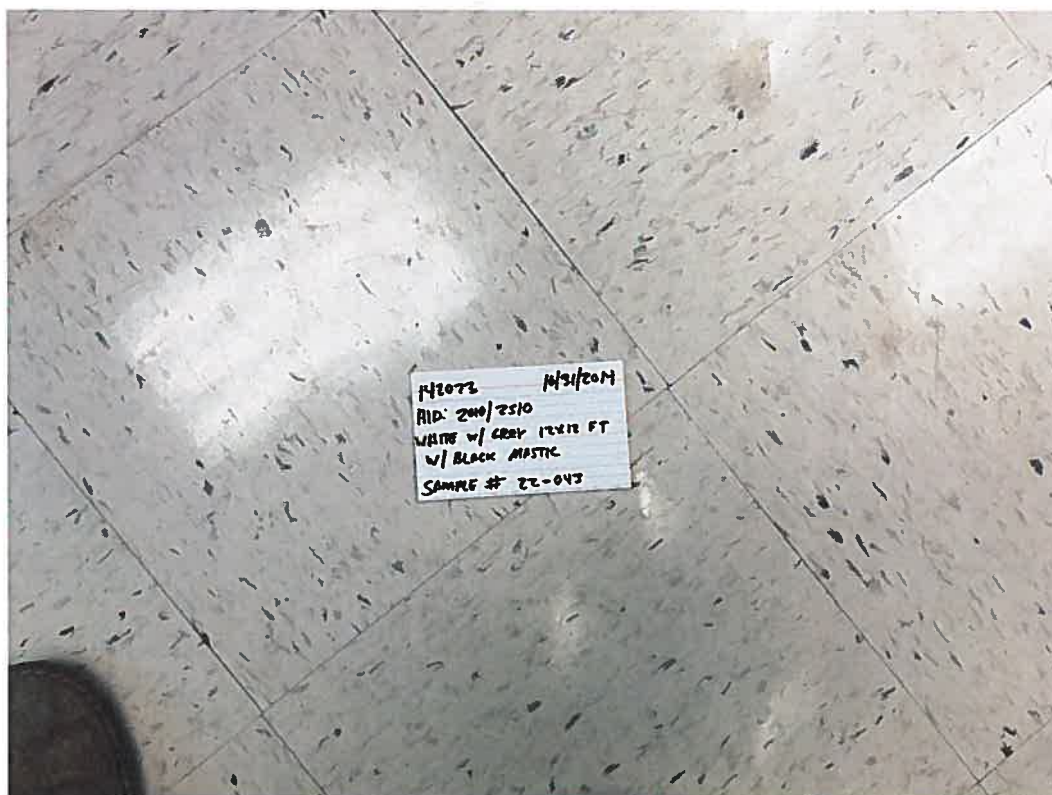


Figure 20: HID#2010/2510 – White w/ Grey 12"x12" Floor Tile w/ Black Mastic

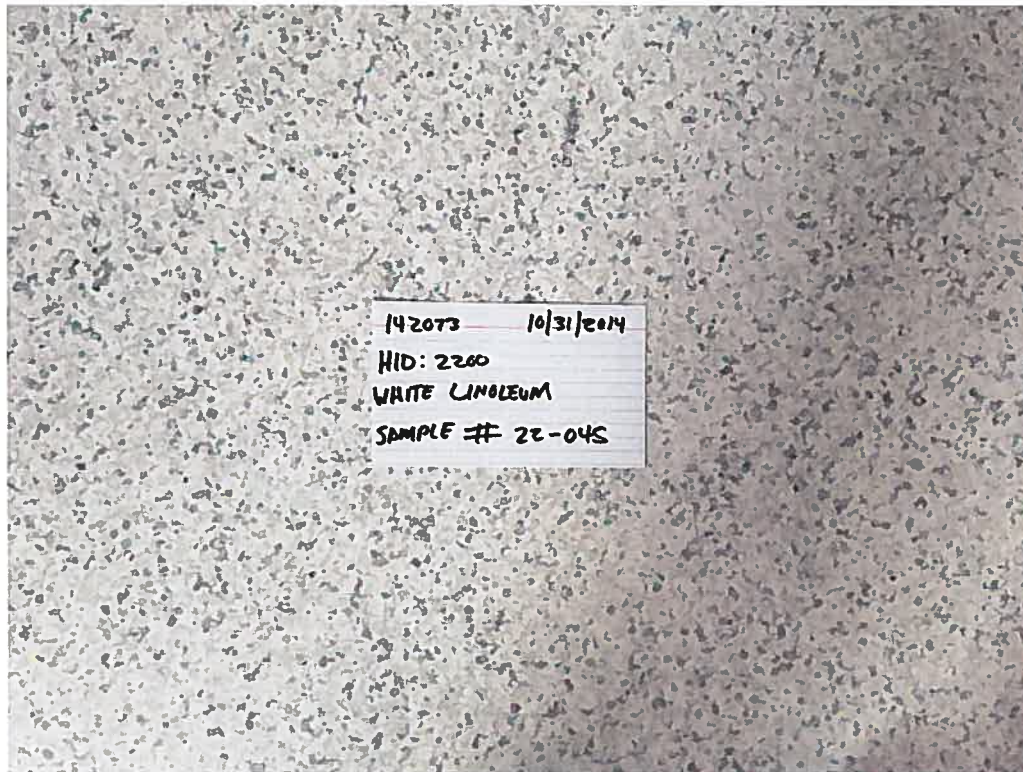


Figure 19: HID#2200 – White w/ Streaks 12"x12" Floor Tile w/ Black Mastic

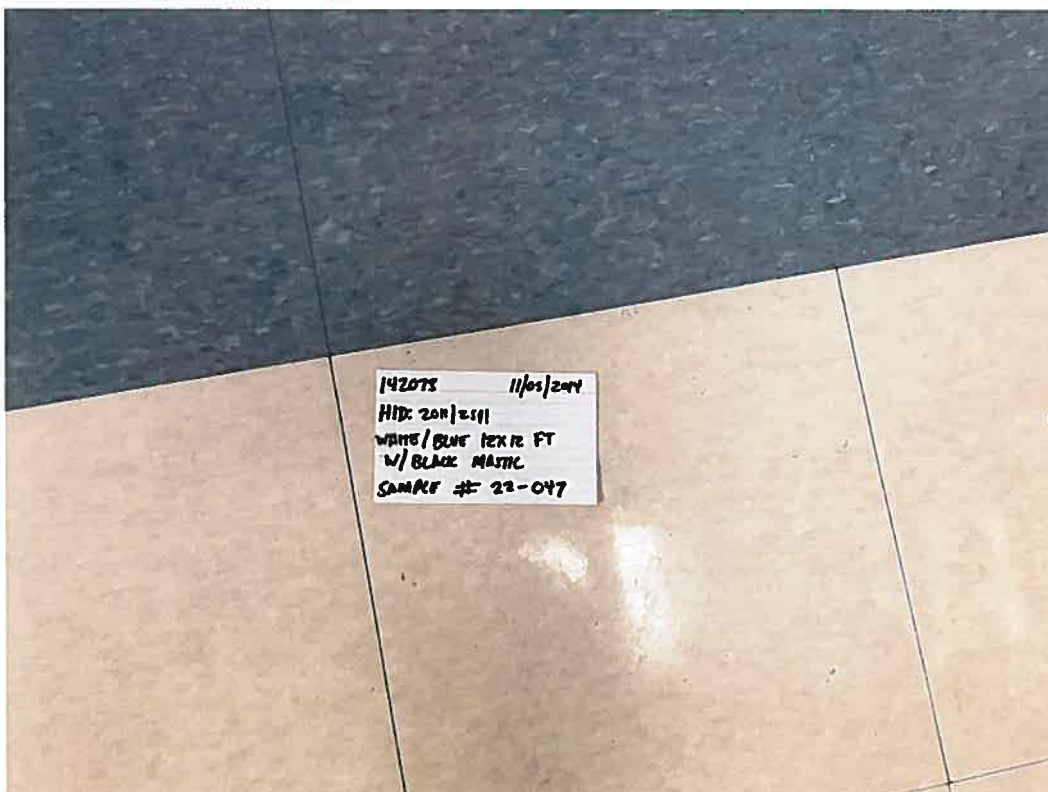


Figure 20: HID#2011/2511 – White/Blue 12"x12" Floor Tile w/ Black Mastic



Figure 20: HID#2601 – Fire Door

8.0 CERTIFICATIONS

PENNSYLVANIA ASBESTOS CERTIFICATION

050059

Sex	Height	Eyes	Birth Date
M	6'00"	BLU	01/29/1988
Expires	Issue Date		
09/09/2015	09/24/2014		
Class			
INSPECTOR			
CRAIG M GRATZ			
7950 HENRY AVENUE			
APT. 33B			
PHILADELPHIA PA 19128			



1.0



0260 489 10

If found, please contact:

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



PENNSYLVANIA ASBESTOS CERTIFICATION

050322



Sex: M Height: 5'11" Eyes: BRN Birth Date: 01/16/1987

Expires: 01/07/2015 Issue Date: 01/16/2014

Class:
INSPECTOR

RYAN HUNTER
1433 S HICKS STREET
PHILADELPHIA PA 19146

R. Hunter

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