



Criterion
Laboratories Inc.

Report

ASBESTOS- CONTAINING MATERIALS SURVEY

AT:

**Lebanon VA Medical Center – Connecting Corridors
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 15, 2015

Project Number: 142073

Date of Project: November 7, 2014

Solicitation #: VA244-14-Q-1389

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1.0 NARRATIVES

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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 **the Connecting Corridors**.

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 November 7, 2014. The report was written by Mr. Steven A. Vena, Certified Industrial Hygienist of Criterion.

1.3 Discussion and Survey Results:

A total of thirty-one (31) 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%) was detected in ten (10) materials:

- ❖ White/Green 12"x12" Floor Tile with Black Mastic
- ❖ White Pitted 12"x12" Floor Tile with Black Mastic
- ❖ Black Mastic Associated with Red/White/Blue 12"x12" Floor Tile
- ❖ White/Red 12"x12" Floor Tile with Black Mastic
- ❖ Orange 12"x12" Floor Tile with Black Mastic
- ❖ Black and Yellow Mastic Associated with White/Tan 12"x12" Floor Tile
- ❖ White with Streaks/Blue 12"x12" Floor Tile with Black Mastic
- ❖ White with Streaks/Gold 12"x12" Floor Tile with Black Mastic
- ❖ Black Mastic Associated with Pink 12"x12" Floor Tile
- ❖ Green/Yellow Pitted 12"x12" Floor Tile with Black Mastic

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.

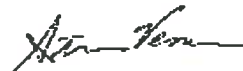
Section 3.0, Asbestos Inventory, lists specific locations and quantities of asbestos-containing materials.

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

Site Address: Lebanon VAMC, 1700 South Lincoln Avenue, Lebanon, PA
17042-7529
Sample Date: 11/7/2014
Sample Received Date: 11/11/2014 8:29:00 AM
Analyzed By: Leiby, Clinton
Analysis Date: 11/13/2014

Sample # Location / Material Description	Layer	Non - Asbestos		Asbestos		Comments
		Fibrous & Percent	Non-Fibrous %	Asbestos Type	Percent	
142073-CC-001 White with Gray 12"x12" Floor Tile with Yellow/Black Mastic Connecting Corridors - Corridor from Building 19 to Building 24	1	---	100	None Detected	---	
142073-CC-001 Yellow Mastic Connecting Corridors - Corridor from Building 19 to Building 24	2	---	100	None Detected	---	
142073-CC-001 Black Mastic Connecting Corridors - Corridor from Building 19 to Building 24	3	Cellulose-30	70	None Detected	---	
142073-CC-002 White with Gray 12"x12" Floor Tile with Yellow/Black Mastic Connecting Corridors - Corridor from Building 19 to Building 24	1	---	100	None Detected	---	
142073-CC-002 Yellow Mastic Connecting Corridors - Corridor from Building 19 to Building 24	2	---	100	None Detected	---	
142073-CC-002 Black Mastic Connecting Corridors - Corridor from Building 19 to Building 24	3	Cellulose-20	80	None Detected	---	



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 Analyzed By: Leiby, Clinton

Sample Date: 11/7/2014
 Sample Received Date: 11/11/2014 8:29:00 AM
 Analysis Date: 11/13/2014

Sample # Location / Material Description	Layer	Non - Asbestos		Asbestos		Comments
		Fibrous & Percent	Non-Fibrous %	Asbestos Type	Percent	
142073-CC-003 Smooth Plaster Connecting Corridors - Corridor from Building 19 to Building 24	1	Cellulose-5	95	None Detected	---	
142073-CC-004 White/Green 12"x12" Floor Tile with Black Mastic Connecting Corridors - Corridor from Building 19 to Building 24	1	---	100	None Detected	---	
142073-CC-004 White 12"x12" Floor tile Connecting Corridors - Corridor from Building 19 to Building 24	2	---	100	None Detected	---	
142073-CC-004 Black Mastic Connecting Corridors - Corridor from Building 19 to Building 24	3	Cellulose-25	70	Chrysotile	5	
142073-CC-005 White Pitted 12"x12" Floor Tile with Black Mastic Connecting Corridors - Building 22 Connecting Corridor	1	---	97	Chrysotile	3	
142073-CC-005 Black Mastic Connecting Corridors - Building 22 Connecting Corridor	2	Cellulose-5	90	Chrysotile	5	
142073-CC-006 White Pitted 12"x12" Floor Tile with Black Mastic Connecting Corridors - Building 22 Connecting Corridor	1	---	97	Chrysotile	3	



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

Sample Date: 11/7/2014
Sample Received Date: 12/5/2014 9:33:00 AM
Analysis Date: 11/13/2014

Sample # Location / Material Description	Layer	Non - Asbestos		Asbestos		Comments
		Fibrous & Percent	Non-Fibrous %	Asbestos Type	Percent	
142073-CC-006 Black Mastic Connecting Corridors - Building 22 Connecting Corridor	2	Cellulose-5	85	Chrysotile	10	
142073-CC-007 Red/White/Blue 12"x12" Floor Tile with Black Mastic Connecting Corridors - Building 22 Connecting Corridor	1	---	100	None Detected	---	
142073-CC-007 White 12"x12" Floor Tile Connecting Corridors - Building 22 Connecting Corridor	2	---	100	None Detected	---	
142073-CC-007 Blue 12"x12" Floor Tile Connecting Corridors - Building 22 Connecting Corridor	3	---	100	None Detected	---	
142073-CC-007 Black Mastic Connecting Corridors - Building 22 Connecting Corridor	4	Cellulose-2	95	Chrysotile	3	
142073-CC-008 Red/White/Blue 12"x12" Floor Tile with Black Mastic Connecting Corridors - Building 22 Connecting Corridor	1	---	100	None Detected	---	
142073-CC-008 White 12"x12" Floor Tile Connecting Corridors - Building 22 Connecting Corridor	2	---	100	None Detected	---	
142073-CC-008 Blue 12"x12" Floor Tile Connecting Corridors - Building 22 Connecting Corridor	3	---	100	None Detected	---	



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

Sample Date: 11/7/2014
 Sample Received Date: 12/5/2014 9:34:00 AM
 Analysis Date: 11/13/2014

Sample # Location / Material Description	Layer	Non - Asbestos		Asbestos		Comments
		Fibrous & Percent	Non-Fibrous %	Asbestos Type	Percent	
142073-CC-008 Black Mastic Connecting Corridors - Building 22 Connecting Corridor	4	Cellulose-3	95	Chrysotile	2	
142073-CC-009 White/Red 12"x12" Floor Tile with Black Mastic Connecting Corridors - Connecting Corridor from Building 22 to 17/18 Corridor	1	---	98	Chrysotile	2	
142073-CC-009 White 12"x12" Floor Tile Connecting Corridors - Connecting Corridor from Building 22 to 17/18 Corridor	2	---	98	Chrysotile	2	
142073-CC-009 Black Mastic Connecting Corridors - Connecting Corridor from Building 22 to 17/18 Corridor	3	---	98	Chrysotile	2	
142073-CC-010 White/Green 12"x12" Floor Tile with Black Mastic Connecting Corridors - Connecting Corridor from Building 22 to 17/18 Corridor	1	---	98	Chrysotile	2	
142073-CC-010 Green 12"x12" Floor Tile Connecting Corridors - Connecting Corridor from Building 22 to 17/18 Corridor	2	---	98	Chrysotile	2	
142073-CC-010 Black Mastic Connecting Corridors - Connecting Corridor from Building 22 to 17/18 Corridor	3	---	98	Chrysotile	2	



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Sample Date: 11/7/2014
Sample Received Date: 11/11/2014 8:29:00 AM
Analyzed By: Leiby, Clinton
Analysis Date: 11/13/2014

Sample # Location / Material Description	Layer	Non - Asbestos		Asbestos		Comments
		Fibrous & Percent	Non-Fibrous %	Asbestos Type	Percent	
142073-CC-011 Orange 12"x12" Floor Tile with Black/Yellow Mastic Connecting Corridors - Connecting Corridor from Building 22 to 17/18 Corridor	1	---	98	Chrysotile	2	
142073-CC-011 Black Mastic Connecting Corridors - Connecting Corridor from Building 22 to 17/18 Corridor	2	Cellulose-5	90	Chrysotile	5	
142073-CC-011 Yellow Mastic Connecting Corridors - Connecting Corridor from Building 22 to 17/18 Corridor	3	Cellulose-5	95	None Detected	---	
142073-CC-012 Smooth Plaster Connecting Corridors - Connecting Corridor from Building 22 to 17/18 Corridor	1	---	100	None Detected	---	
142073-CC-013 White/Tan 12"x12" Floor Tile with Black/Yellow Mastic Connecting Corridors - Connecting Corridor from Building 18 to Building 17	1	---	100	None Detected	---	
142073-CC-013 Tan 12"x12" Floor Tile Connecting Corridors - Connecting Corridor from Building 18 to Building 17	2	---	100	None Detected	---	



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17042-7529
Sample Date: 11/7/2014
Sample Received Date: 12/5/2014 9:37:00 AM
Analyzed By: Leiby, Clinton
Analysis Date: 11/13/2014

Sample # Location / Material Description	Layer	Non - Asbestos		Asbestos		Comments
		Fibrous & Percent	Non-Fibrous %	Asbestos Type	Percent	
142073-CC-013 Black Mastic Connecting Corridors - Connecting Corridor from Building 18 to Building 17	3	Cellulose-3	95	Chrysotile	2	
142073-CC-013 Yellow Mastic Connecting Corridors - Connecting Corridor from Building 18 to Building 17	4	Cellulose-3	95	Chrysotile	2	
142073-CC-014 White/Tan 12"x12" Floor Tile with Black/Yellow Mastic Connecting Corridors - Connecting Corridor from Building 18 to Building 17	1	---	100	None Detected	---	
142073-CC-014 Tan 12"x12" Floor Tile Connecting Corridors - Connecting Corridor from Building 18 to Building 17	2	---	100	None Detected	---	
142073-CC-014 Black Mastic Connecting Corridors - Connecting Corridor from Building 18 to Building 17	3	---	95	Chrysotile	5	
142073-CC-014 Yellow Mastic Connecting Corridors - Connecting Corridor from Building 18 to Building 17	4	Cellulose-10	90	None Detected	---	



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Sample Date: 11/7/2014
Sample Received Date: 11/11/2014 8:29:00 AM

Collected By: Criterion Laboratories, Inc.

Analyzed By: Leiby, Clinton

Analysis Date: 11/13/2014

Sample # Location / Material Description	Layer	Non - Asbestos		Asbestos		Comments
		Fibrous & Percent	Non-Fibrous %	Asbestos Type	Percent	
142073-CC-015 Smooth Plaster Connecting Corridors - Connecting Corridor from Building 18 to Building 17	1	---	100	None Detected	---	
142073-CC-016 Smooth Plaster Connecting Corridors - Connecting Corridor from Building 18 to Building 17	1	---	100	None Detected	---	
142073-CC-017 Smooth Plaster Connecting Corridors - Connecting Corridor from Building 18 to Building 17	1	---	100	None Detected	---	
142073-CC-018 White with Streaks/Blue 12"x12" Floor Tile with Black Mastic Connecting Corridors - Connecting Corridor from Building 18 to Building 17	1	---	98	Chrysotile	2	
142073-CC-018 Blue 12"x12" Floor Tile Connecting Corridors - Connecting Corridor from Building 18 to Building 17	2	---	98	Chrysotile	2	
142073-CC-018 Black Mastic Connecting Corridors - Connecting Corridor from Building 18 to Building 17	3	---	95	Chrysotile	5	



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Sample Received Date: 11/11/2014 8:29:00 AM
Analyzed By: Leiby, Clinton
Analysis Date: 11/13/2014

Sample # Location / Material Description	Layer	Non - Asbestos		Asbestos		Comments
		Fibrous & Percent	Non-Fibrous %	Asbestos Type	Percent	
142073-CC-019 White with Streaks/Blue 12"x12" Floor Tile with Black Mastic Connecting Corridors - Connecting Corridor from Building 18 to Building 17	1	---	98	Chrysotile	2	
142073-CC-019 Blue 12"x12" Floor Tile Connecting Corridors - Connecting Corridor from Building 18 to Building 17	2	---	98	Chrysotile	2	
142073-CC-019 Black Mastic Connecting Corridors - Connecting Corridor from Building 18 to Building 17	3	---	98	Chrysotile	2	
142073-CC-020 White with Streaks/Gold 12"x12" Floor Tile with Black Mastic Connecting Corridors - Connecting Corridor from Building 18 to Building 17	1	---	98	Chrysotile	2	
142073-CC-020 Gold 12"x12" Floor tile Connecting Corridors - Connecting Corridor from Building 18 to Building 17	2	---	98	Chrysotile	2	
142073-CC-020 Black Mastic Connecting Corridors - Connecting Corridor from Building 18 to Building 17	3	---	98	Chrysotile	2	



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Sample Received Date: 11/11/2014 8:29:00 AM
Analyzed By: Leiby, Clinton
Analysis Date: 11/13/2014

Sample # Location / Material Description	Layer	Non - Asbestos		Asbestos		Comments
		Fibrous & Percent	Non-Fibrous %	Asbestos Type	Percent	
142073-CC-021 White with Streaks/Gold 12"x12" Floor Tile with Black Mastic Connecting Corridors - Connecting Corridor from Building 18 to Building 17	1	---	98	Chrysotile	2	
142073-CC-021 Gold 12"x12" Floor Tile Connecting Corridors - Connecting Corridor from Building 18 to Building 17	2	---	98	Chrysotile	2	
142073-CC-021 Black Mastic Connecting Corridors - Connecting Corridor from Building 18 to Building 17	3	Cellulose-3	95	Chrysotile	2	
142073-CC-022 Pink 12"x12" Floor Tile with Black Mastic Connecting Corridors - Connecting Corridor from Building 18 to Building 17	1	---	100	None Detected	---	
142073-CC-022 Black Mastic Connecting Corridors - Connecting Corridor from Building 18 to Building 17	2	Cellulose-8	90	Chrysotile	2	
142073-CC-023 Pink 12"x12" Floor Tile with Black Mastic Connecting Corridors - Connecting Corridor from Building 18 to Building 17	1	---	100	None Detected	---	



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Collected By: Criterion Laboratories, Inc.

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17042-7529
Sample Date: 11/7/2014
Sample Received Date: 12/5/2014 10:57:00 AM
Analyzed By: Leiby, Clinton
Analysis Date: 11/13/2014

Sample # Location / Material Description	Layer	Non - Asbestos		Asbestos		Comments
		Fibrous & Percent	Non-Fibrous %	Asbestos Type	Percent	
142073-CC-023 Black Mastic Connecting Corridors - Connecting Corridor from Building 18 to Building 17	2	Cellulose-8	90	Chrysotile	2	
142073-CC-024 White 2'x2' Ceiling Tile Connecting Corridors - Connecting Corridor from Building 18 to Building 17	1	Cellulose-70	30	None Detected	---	
142073-CC-025 White/Red 12"x12" Floor Tile with Black Mastic Connecting Corridors - Building 23 Connector Corridor	1	---	98	Chrysotile	2	
142073-CC-025 Red 12"x12" Floor Tile Connecting Corridors - Building 23 Connector Corridor	2	---	98	Chrysotile	2	
142073-CC-025 Black Mastic Connecting Corridors - Building 23 Connector Corridor	3	---	98	Chrysotile	2	
142073-CC-026 White with Blue Streaks 12"x12" Floor Tile with Black Mastic Connecting Corridors - Building 136 Connecting Corridor	1	---	100	None Detected	---	
142073-CC-026 Yellow Mastic Connecting Corridors - Building 136 Connecting Corridor	2	---	100	None Detected	---	



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Analyzed By: Leiby, Clinton
Analysis Date: 11/13/2014

Sample # Location / Material Description	Layer	Non - Asbestos		Asbestos		Comments
		Fibrous & Percent	Non-Fibrous %	Asbestos Type	Percent	
142073-CC-027 White with Blue Streaks 12"x12" Floor Tile with Black Mastic Connecting Corridors - Building 136 Connecting Corridor	1	---	100	None Detected	---	
142073-CC-027 Yellow Mastic Connecting Corridors - Building 136 Connecting Corridor	2	---	100	None Detected	---	
142073-CC-028 Green/Yellow Pitted 12"x12" Floor Tile with Black Mastic Connecting Corridors - Connecting Corridor from Building 2 to Building 22	1	---	98	Chrysotile	2	
142073-CC-028 Yellow 12"x12" Floor Tile Connecting Corridors - Connecting Corridor from Building 2 to Building 22	2	---	98	Chrysotile	2	
142073-CC-028 Black Mastic Connecting Corridors - Connecting Corridor from Building 2 to Building 22	3	---	98	Chrysotile	2	
142073-CC-029 Green/Yellow Pitted 12"x12" Floor Tile with Black Mastic Connecting Corridors - Connecting Corridor from Building 2 to Building 22	1	---	98	Chrysotile	2	
142073-CC-029 Yellow 12"x12" Floor Tile Connecting Corridors - Connecting Corridor from Building 2 to Building 22	2	---	98	Chrysotile	2	



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Analyzed By: Leiby, Clinton
Sample Date: 11/7/2014
Sample Received Date: 12/5/2014 10:59:00 AM
Analysis Date: 11/13/2014

Sample # Location / Material Description	Layer	Non - Asbestos		Asbestos		Comments
		Fibrous & Percent	Non-Fibrous %	Asbestos Type	Percent	
142073-CC-029 Black Mastic Connecting Corridors - Connecting Corridor from Building 2 to Building 22	3	---	98	Chrysotile	2	
142073-CC-030 Smooth Plaster Connecting Corridors - Connecting Corridor from Building 2 to Building 22	1	---	100	None Detected	---	
142073-CC-031 Smooth Plaster Connecting Corridors - Connecting Corridor from Building 2 to Building 22	1	---	100	None Detected	---	



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Analyzed By: Leiby, Clinton
Analysis Date: 11/13/2014

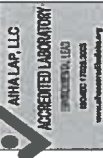
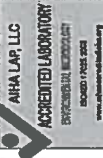
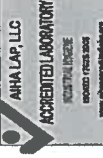
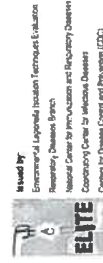
James A. Wetz

James A. Wetz, 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.

THIS IS THE LAST PAGE OF THE REPORT



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	FS Name#/Work Area: Connecting Corridors	Sample Date: 11-7-14	Comments: brick walls in corridors fiberglass batt insulation in walls. limited access above hard ceilings.
	Turnaround Time: 24 Hrs 72 Hrs	Method of Submittal: Field Fedex Other 3-5 day	Walk-in US Mail 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 (\$)	%
CC-001	2003/2500	White w/gray 12x12 FT w/ yellow and black mastic	Corridor from Bldg 19 to Bldg 24	1700 SF	N	N	RD	
-002	2003/2500	Smooth Plaster		-	N	N		
-003	1900	Fire Doors		1700 SF	N	N	Assumed	
NS	2003	White/Green 12x12 FT w/ Black mastic		170 SF	N	N	Chrysotile (M)	5 1/1
-004	2003/2501	White Pitted 12x12 FT w/ Black mastic	Bldg 22 Community Corridor	130 SF	N	N	Chrysotile (T/M)	3/5
-005	2003/2502	Red/White/Blue 12x12 FT w/ Black mastic		-	N	N	Chrysotile (T/M)	3/10
-006	2003/2503	Smooth Plaster		220 SF	N	N	Chrysotile (M)	3
-007	2003/2504	White/Red 12x12 FT w/ Black mastic	Community Corridor from Bldg 22 to Corridor 18 to 17	-	N	N	Chrysotile (M)	2
-008	2003/2505	White/Green 12x12 FT w/ Black mastic		350 SF	N	N	Chrysotile (T/T/M)	42/2
NS	1900	Orange 12x12 FT w/ Black and yellow mastic		1020 SF	N	N	Chrysotile (T/T/M)	2/2/2
-009	2003/2501	Smooth Plaster		115 SF	N	N	Chrysotile (T/Black Mastic)	2/5
-010	2003/2502	Smooth Plaster		2700 SF	N	N	RD	

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	Alii Nguyen	11/11/14	C. Le. y	11/12/14

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:
	Method of Submittal			Connecting Corridors	11-7-14
24 Hrs	48 Hrs	Field	Walk-in	Inspector: C. Gratz / R. Hunter	Comments:
72 Hrs	Other 3-5 day	Fedex	Other	Project Manager: Steve Vena	

Sample #	HID #	Material Description (Including Color)	Sample Location	Qty (SF/LIN)	Friable (Y/N)	Damaged (S/D/N)	For Laboratory Analysis	
							Asbestos Type (S)	%
CC-013	2007/2508	White/Tan 12x12 FT w/Black and yellow mottle	Connecting Corridor from Bldg 18 to Bldg 17	200 SF	N	N	chrysotile (BM/YM)	2/2
-014	2007/2508	White 12x12 FT w/Black and yellow mottle		—	N	N	chrysotile (CM)	5
NS	2007/2508	White 12x12 FT w/Black and yellow mottle		1820 SF	N	N	RD	
-015	1900	Smooth Plaster		2110 SF	Y	N		
-016	1900			—	Y	N		
-017	1900			—	Y	N		
-018	2007/2507	White w/ streaks / Silver 12x12 FT mottle		1420 SF	N	N	chrysotile (TT/TM)	2/2/2
-019	2007/2507			—	N	N	chrysotile (TT/TM)	2/2/2
-020	2007/2508	White w/ streaks / Gold 12x12 FT w/Black mottle		500 SF	N	N	chrysotile (TT/TM)	2/2/2
-021	2007/2508			—	N	N	chrysotile (TT/TM)	2/2/2
-022	2007/2509	Pink 12x12 FT w/Black mottle		340 SF	N	N	chrysotile (CM)	2
-023	2007/2509			—	N	N	chrysotile (CM)	2
-024	1700	White 2x2 CT		340 SF	Y	N	RD	

CHAIN OF CUSTODY		LAB INFORMATION	
Relinquished By (Print/Sign)	Date/Time	Received By (Print/Sign)	Date/Time
C. Gratz	11-10-14	[Signature]	11/11/14
		Analyzed By (Print/Sign)	Date/Time
		C. Gratz	11/24/14



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
	Method of Submission		
24 Hrs	48 Hrs	Field	Walk-in US Mail
72 Hrs	Other 3-5 days	Fedex	Other
FS Name-#/Work Area: Connecting Corridors		Sample Date: 11-7-14	
Inspector: C. Gratz / R. Hunter		Comments: Other Connecting Corridors on map are included with the buildings they run thru.	
Project Manager: Steve Verna			

Sample #	HID #	Material Description (Including Color)	Sample Location	Qty (SF/DE)	Friable (Y/N)	Damaged (S/D/N)	For Laboratory Analysis	
							Asbestos Type (\$)	%
CC-025	2011/2504	White/Red 12x12 FT w/Black mastic	Bldg 23 Connecting Corridor	250 SF	N	N	Chrysotile (T/T/m)	2/2/2
NS	1900	Smooth Plaster	↓	250 SF	Y	N		
NS	2008/2500	White w/gray 12x12 FT w/Black mastic	Connecting Corridor between 184017 & 22402	950 SF	N	N		
NS	2008/2502	White Pitted 12x12 FT w/Black mastic		630 SF	N	N		
-026	2010/2510	White w/Blue streaks 12x12 FT w/Black mastic	Bldg 136 Connecting Corridor	90 SF	N	N	Asbestos (I)	
-027	2010/2510	↓		-	N	N		
NS	1900	Smooth Plaster	↓	90 SF	Y	N		
-028	2011/2511	Green/Yellow Pitted 12x12 FT w/Black mastic	Connecting Corridor from Bldg 2 to Bldg 22	1350 SF	N	N	Chrysotile (T/T/m)	2/2/2
-029	2011/2511	↓		-	N	N	Chrysotile (T/T/m)	2/2/2
-030	1900	Smooth Plaster	↓	1350 SF	Y	N		
-031	1900	↓		-	Y	N		

LAB INFORMATION

CHAIN OF CUSTODY

Relinquished By (Print/Sign)	Date/Time	Received By (Print/Sign)	Date/Time	Analyzed By (Print/Sign)	Date/Time
C. Gratz	11-10-14	[Signature]	11/10/14	C. Leiby	12/4/14

3.0 ASBESTOS INVENTORY

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

Building #:	<u>Location</u>	<u>Material</u>	<u>Quantity</u>	<u>Friable</u>	<u>Condition</u>
	Corridor from Building 19 to Building 24	White/Green 12"x12" Floor Tile with Black Mastic	170 square feet (SF)	N	N
	Corridor from Building 19 to Building 24	Fire Door	1 Each	Y	N
	Building 22 Connecting Corridor	White Pitted 12"x12" Floor Tile with Black Mastic	130 SF	N	N
	Building 22 Connecting Corridor	Black Mastic Associated with Red/White/Blue 12"x12" Floor Tile	220 SF	N	N
	Connecting Corridor from Building 22 to 18 to 17 Corridor	White/Red 12"x12" Floor Tile with Black Mastic	1,020 SF	N	N
	Connecting Corridor from Building 22 to 18 to 17 Corridor	White/Green 12"x12" Floor Tile with Black Mastic	1,520 SF	N	N
	Connecting Corridor from Building 22 to 18 to 17 Corridor	Orange 12"x12" Floor Tile with Black and Yellow Mastic	115 SF	N	N
	Connecting Corridor from Building 18 to Building 17	Black and Yellow Mastic Associated with White/Tan 12"x12" Floor Tile	200 SF	N	N
	Connecting Corridor from Building 18 to Building 17	White with Streaks /Blue 12"x12" Floor Tile with Black Mastic	1,420 SF	N	N
	Connecting Corridor from Building 18 to Building 17	White with Streaks/Gold 12"x12" Floor Tile with Black Mastic	500 SF	N	N

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

Building #:	Connecting Corridors	<u>Location</u>	<u>Material</u>	<u>Quantity</u>	<u>Friable</u>	<u>Condition</u>
	Connecting Corridor from Building 18 to Building 17		Black Mastic Associated with Pink 12"x12" Floor Tile	340 SF	N	N
	Bldg 23 Connecting Corridor		White/Red 12"x12" Floor Tile with Black Mastic	250 SF	N	N
	Connecting Corridor Between 18 to 17 & 22 to 2		White Pitted 12"x12" Floor Tile with Black Mastic	630 SF	N	N
	Connecting Corridor from Building 2 to Building 22		Green/Yellow Pitted 12"x12" Floor Tile with Black Mastic	1,350 SF	N	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:

- ❖ White with Gray 12"x12" Floor Tile with Yellow and Black Mastic
- ❖ Smooth Plaster
- ❖ Red/White/Blue 12"x12" Floor Tile
- ❖ White/Tan 12"x12" Floor Tile
- ❖ Pink 12"x12" Floor Tile
- ❖ White 2'x2' Ceiling Tile
- ❖ White with Blue Streaks 12"x12" Floor Tile with 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

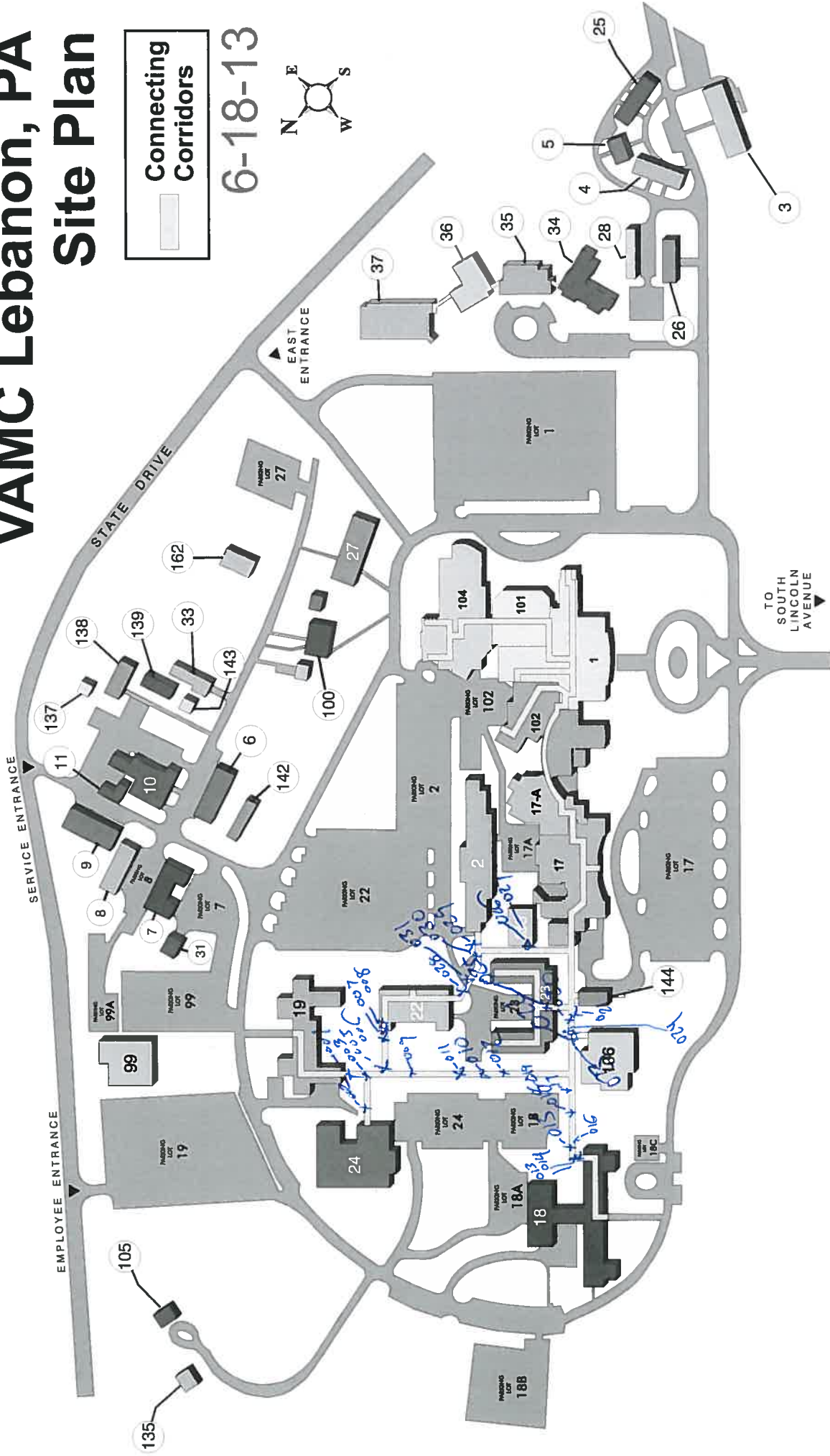
4. A sampling scheme was devised based upon the amounts and locations of the different homogeneous materials in order to obtain representative samples.
5. Trained personnel using an appropriate sampling tool and a leak-tight, labeled sample container took the actual bulk samples. The sampling was conducted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

VAMC Lebanon, PA Site Plan

Connecting Corridors

6-18-13



7.0 PHOTOGRAPHS OF SAMPLED MATERIALS

7.0 Photographs of Sampled Materials

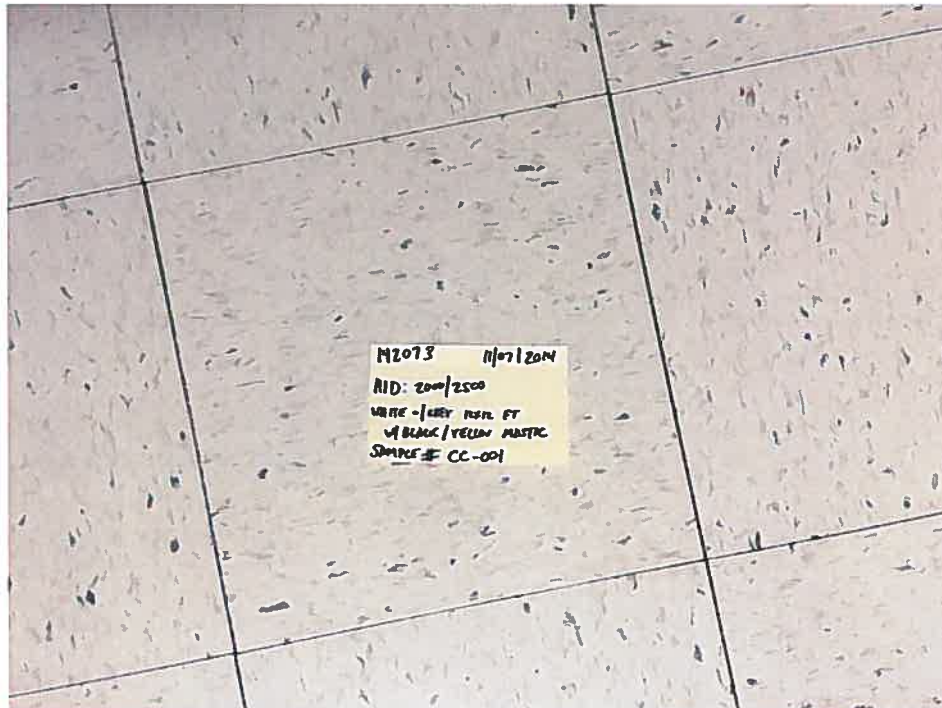


Figure 1: HID#2000/2500 – White with Gray 12”x12” Floor Tile with Yellow & Black Mastic

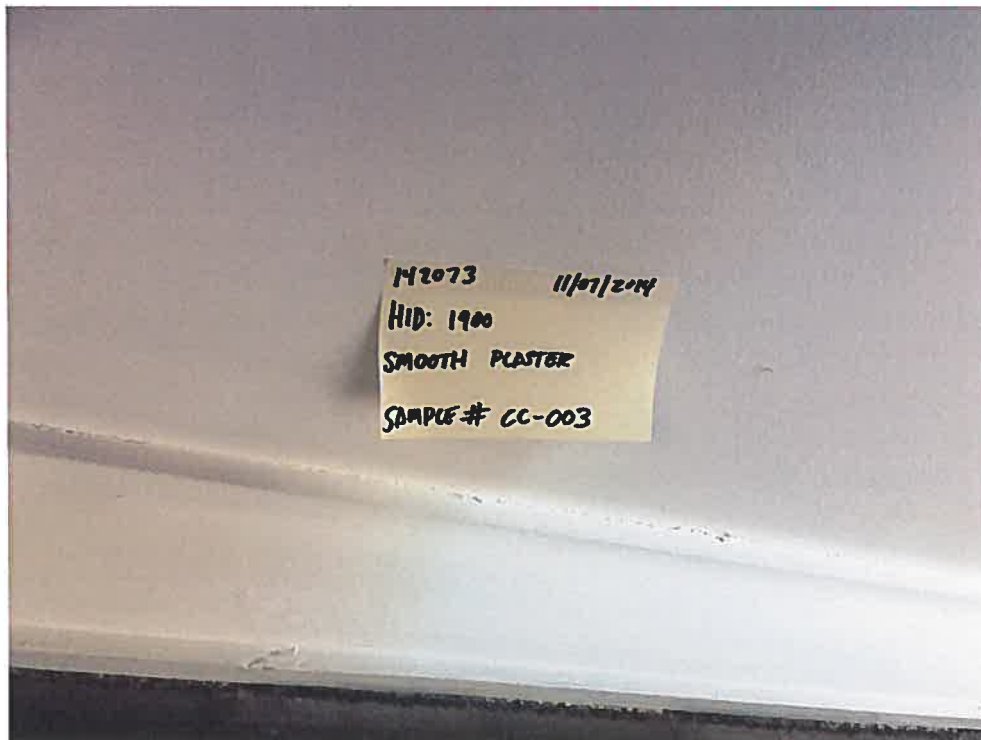


Figure 2: HID#1900 – Smooth Plaster



Figure 3: HID#2001/2501 – White/Green 12”x12” Floor Tile with Black Mastic

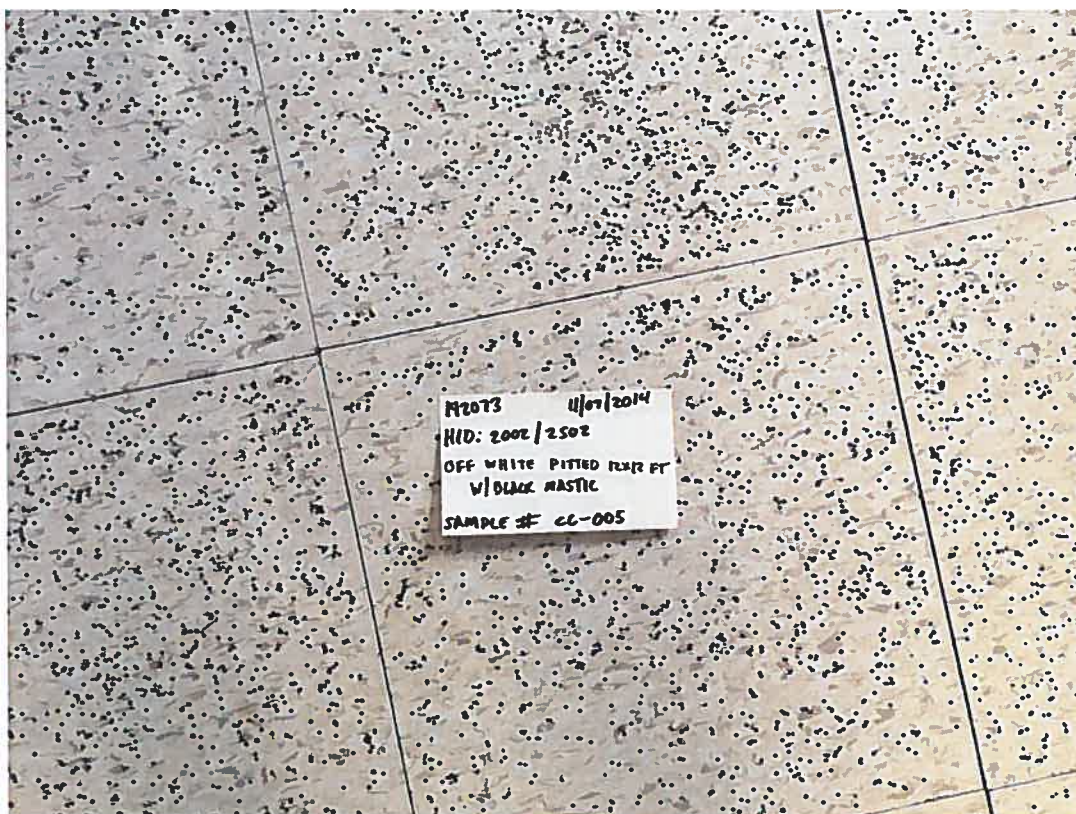


Figure 4: HID#2002/2502 – White Pitted 12”x12” Floor Tile with Black Mastic

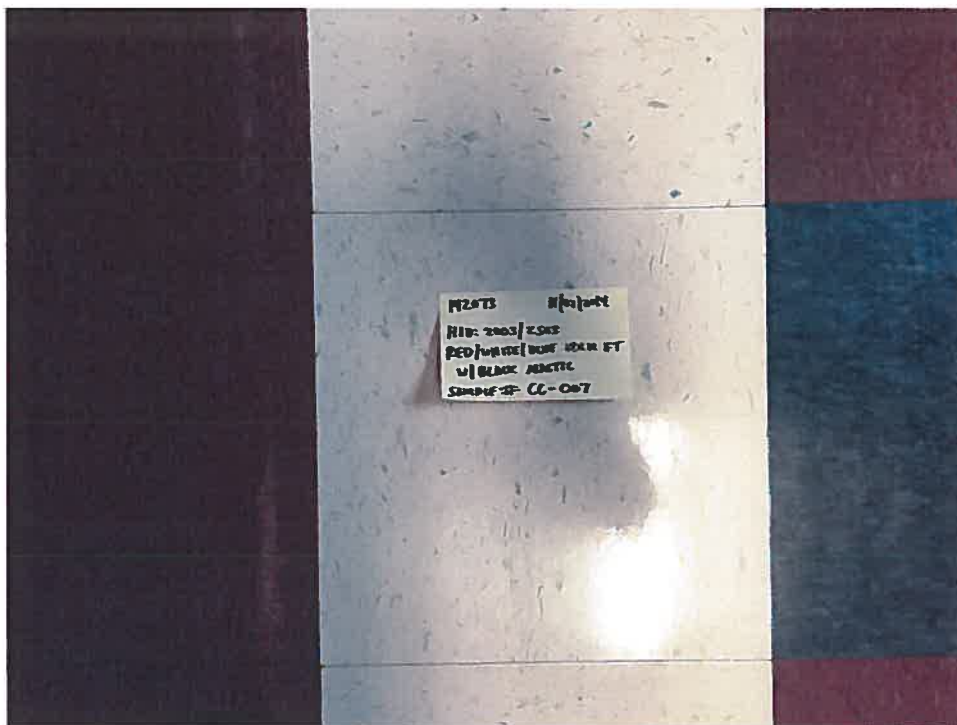


Figure 5: HID#2002/2502 – Red/White/Blue 12"x12" Floor Tile with Black Mastic



Figure 6: HID#2004/2504 – White/Red 12"x12" Floor Tile with Black Mastic

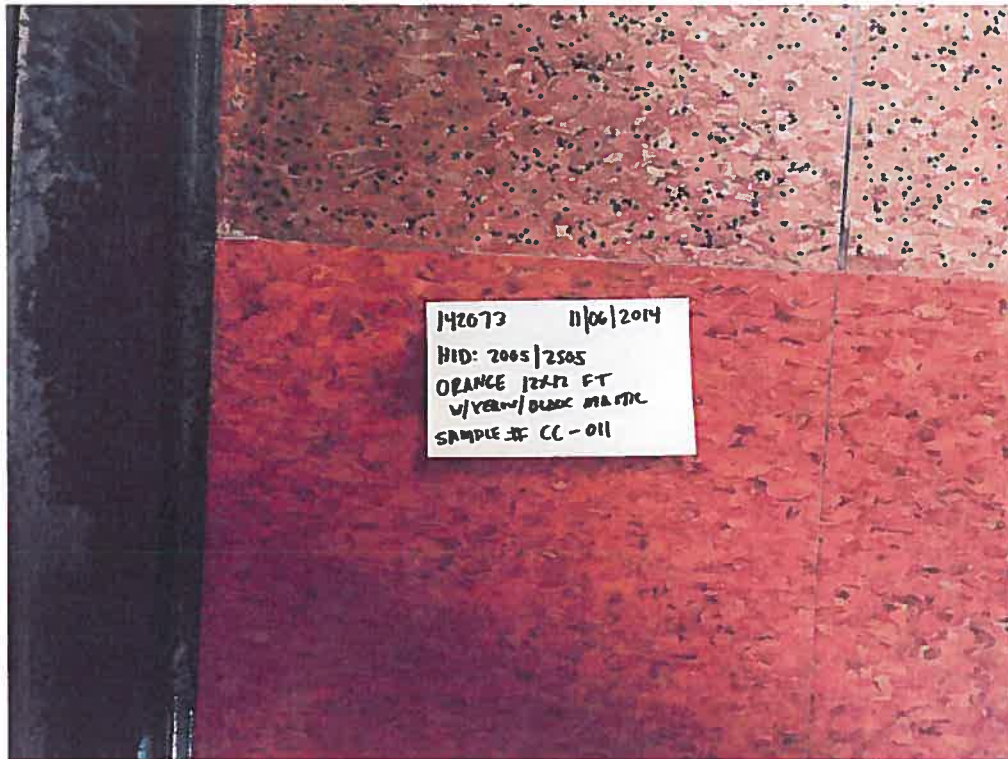


Figure 7: HID#2005/2505 – Orange 12”x12” Floor Tile with Yellow & Black Mastic

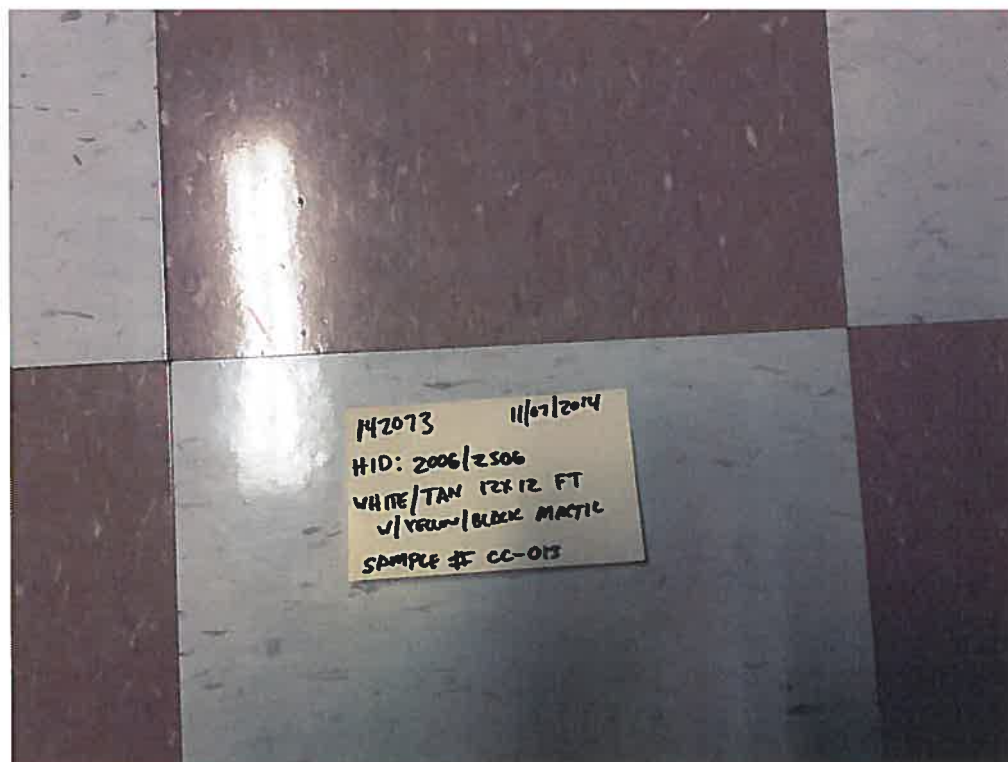


Figure 8: HID#2006/2506 – White/Tan 12”x12” Floor Tile with Yellow & Black Mastic

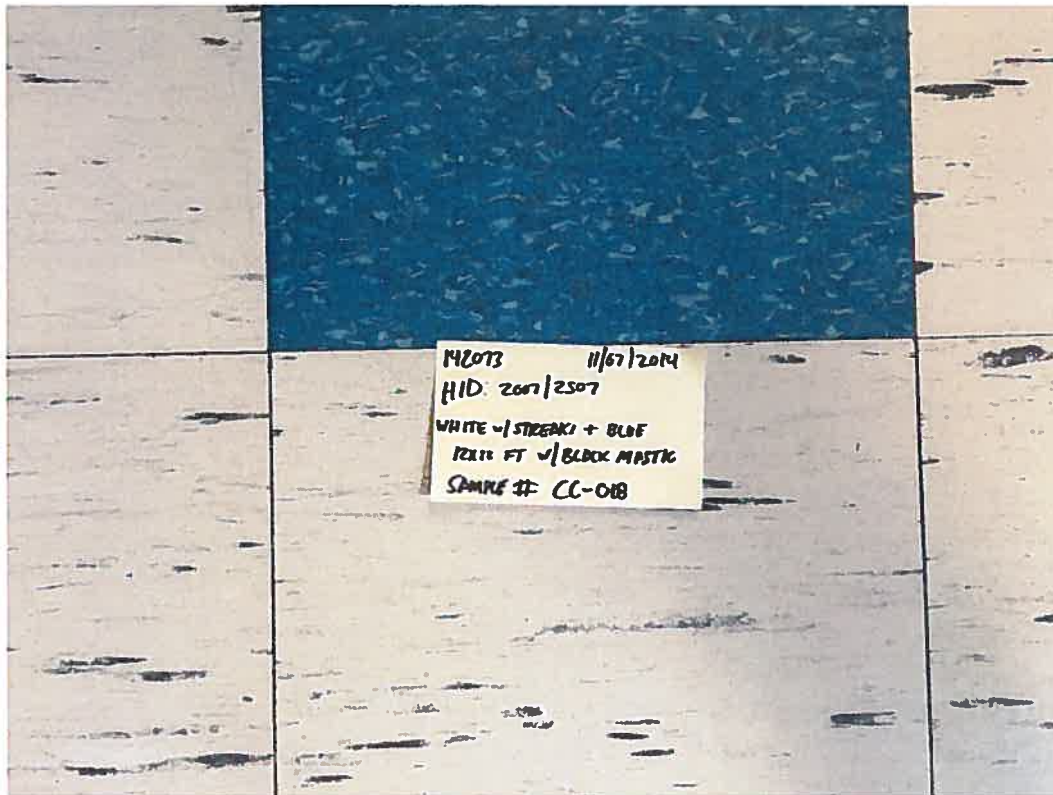


Figure 9: HID#2007/2507 – White with Streaks & Blue 12"x12" Floor Tile with Black Mastic

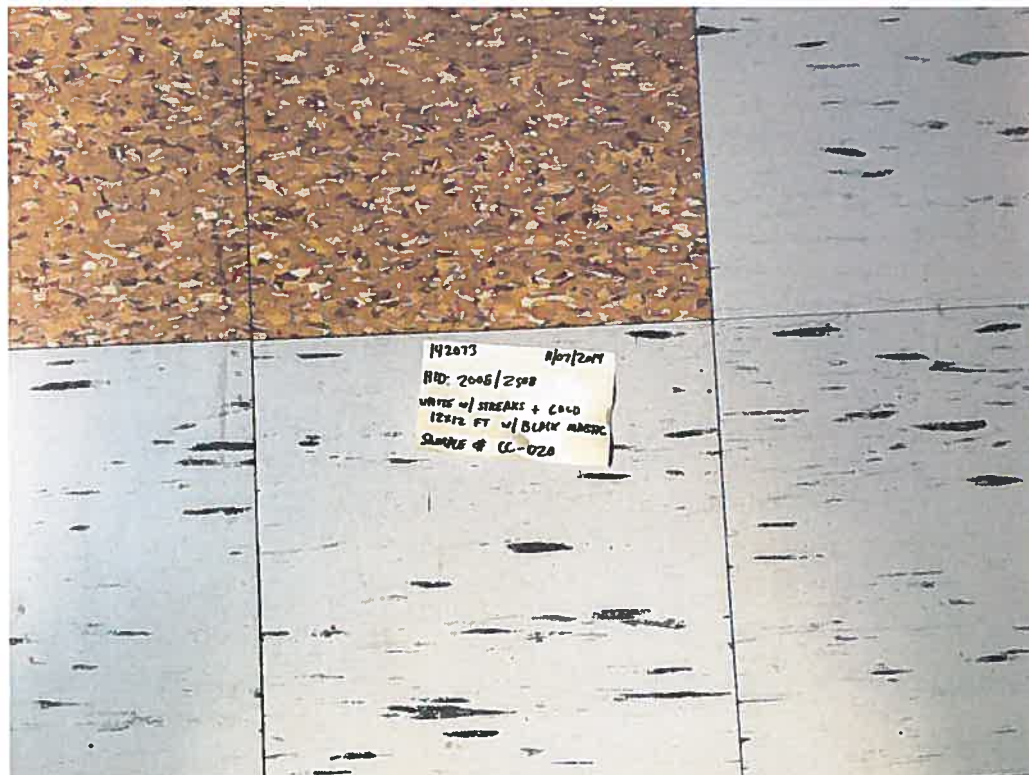


Figure 10: HID#2008/2508 – White with Streaks and Gold 12"x12" Floor Tile with Black Mastic

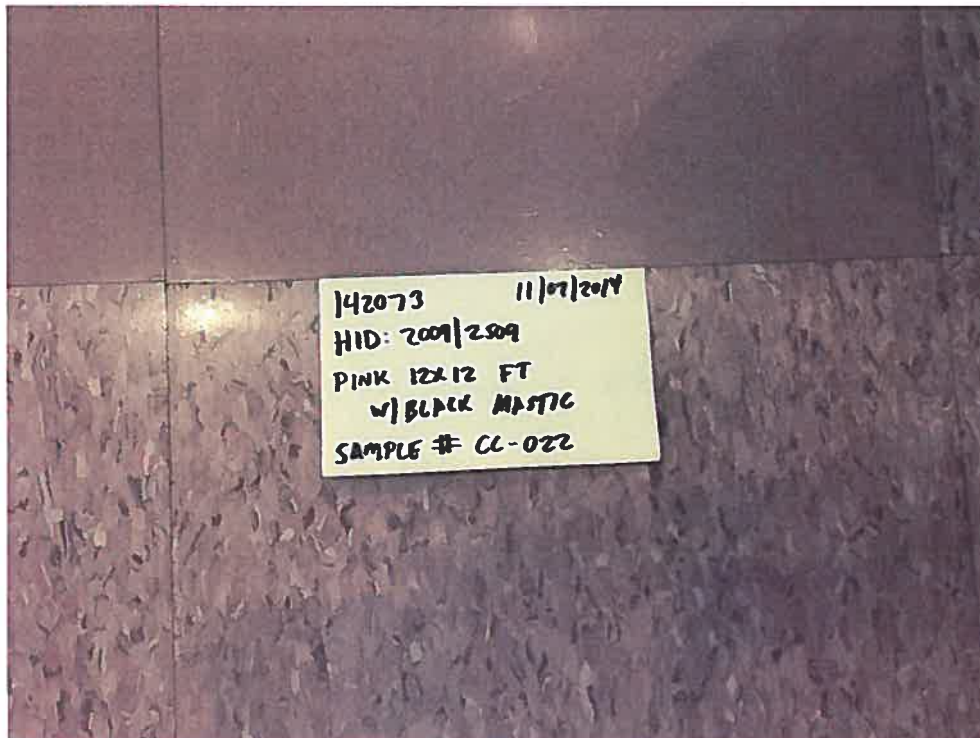


Figure 11: HID#2009/2509 – Pink 12"x12" Floor Tile with Black Mastic

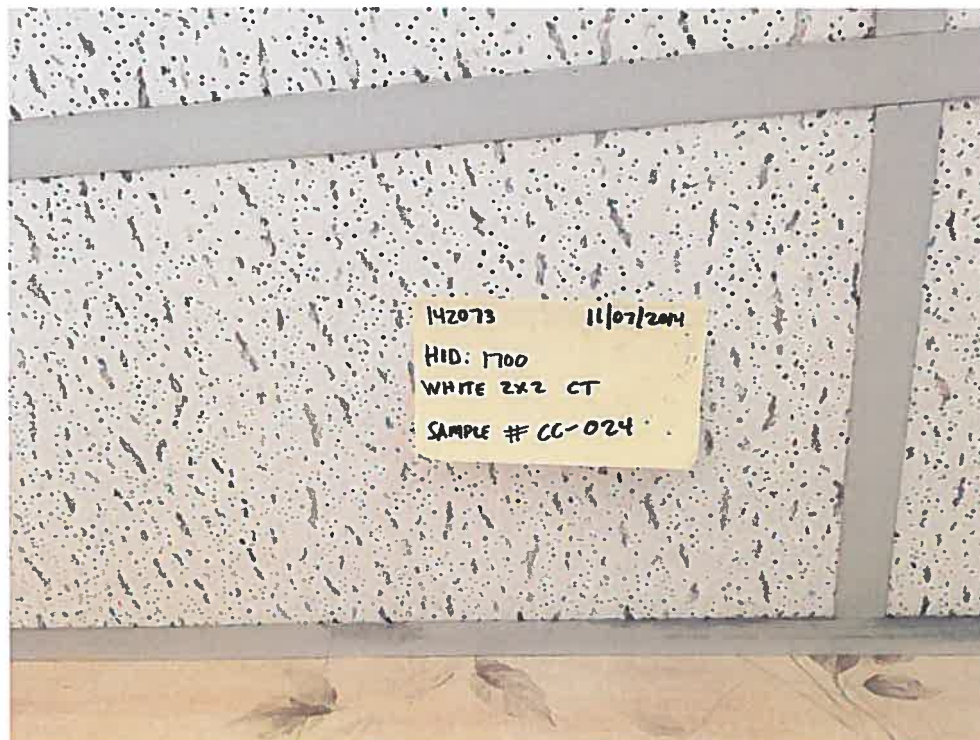


Figure 12: HID#1700 – White 2'x2' Ceiling Tile

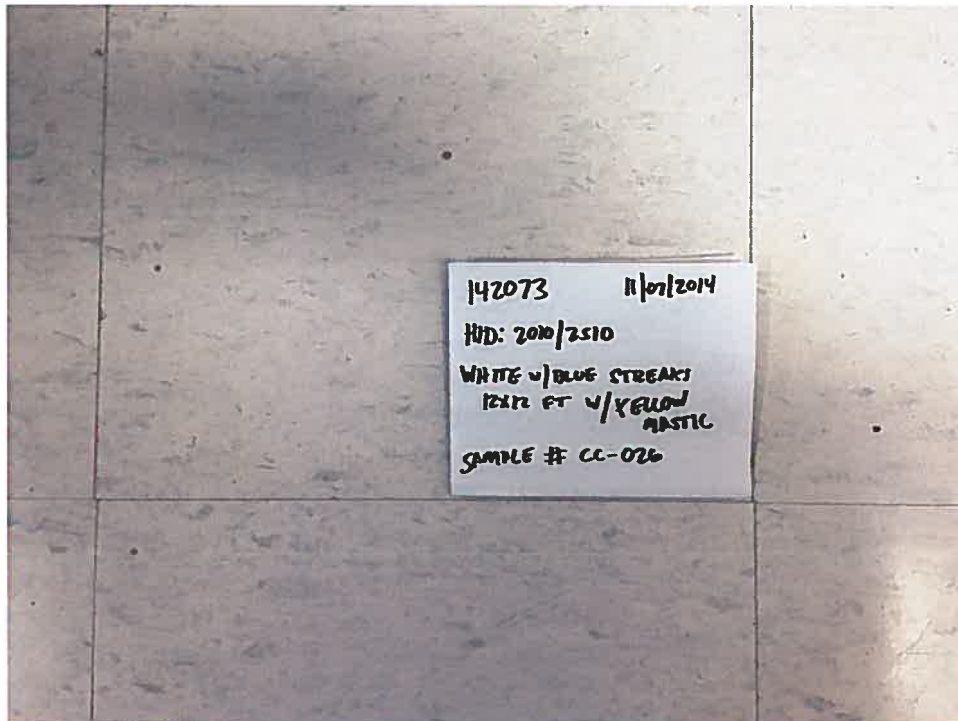


Figure 13: HID#2010/2510 – White with Blue Streaks 12"x12" Floor Tile with Yellow Mastic

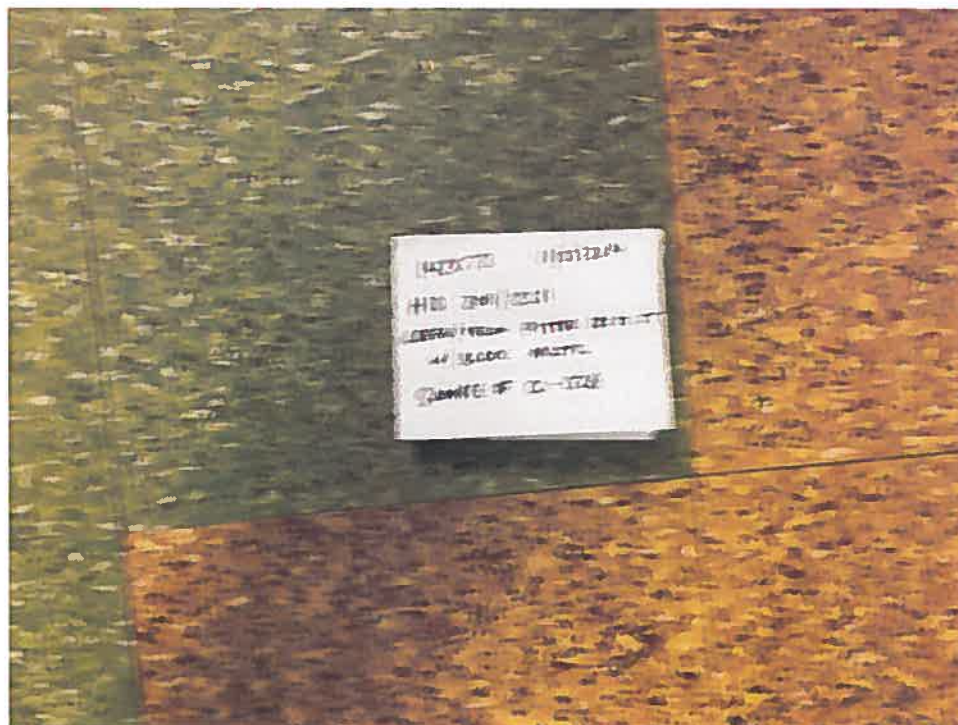


Figure 14: HID#2011/2511 – Green/Yellow Pitted 12"x12" Floor Tile with Black Mastic



Figure 15: HID#2600 – Fire Door

8.0 CERTIFICATIONS

PENNSYLVANIA ASBESTOS CERTIFICATION

050059



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

CC

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

1.0 0417 141 03

If found, please contact:

Department of Labor & Industry
Certification, Accreditation & Licensing Division
651 Boas Street, Room 1606
Harrisburg, PA 17121.
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