



**PRE-RENOVATION LIMITED ASBESTOS AND LEAD-CONTAINING PAINT SURVEY
WATERFORD ARMORY**

2650 WATKINS LAKE ROAD
JACKSON, MI 48328

Project #188BS25305

PREPARED FOR:

Michigan Department of Military & Veterans Affairs
Reserve Forces Support Center

PREPARED BY:

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June 19, 2025



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June 19, 2025

Mr. Timothy Cole
State of Michigan Buyer
Michigan Department of Military & Veterans Affairs
Reserve Forces Support Center
3423 N. Martin Luther King Jr. Boulevard
Lansing, Michigan 48906-2934

**Subject: Pre-Renovation Limited Asbestos and Lead-Containing Paint Survey
Waterford Armory
2650 Watkins Lake Road
Waterford, MI 48328**

Dear Mr. Cole:

Atlas is pleased to present this report detailing the findings of the pre-renovation limited asbestos and lead-containing paint survey performed at the above referenced site. The purpose of this sampling was to identify and collect samples of suspect asbestos containing materials (ACMs) and lead-containing paint (LCP) prior to demolition activities.

The pre-demolition asbestos and limited lead-containing paint sampling was conducted from May 27 through June 3, 2025, by Industrial Hygienist, Ms. Rachel Kasnow, State of Michigan certified asbestos inspector. The sampling was conducted in accordance with sampling criteria specified in the Occupational Safety and Health Administration's (OSHA) Asbestos Construction Industry Standard (29 CFR 1926.1101), and the Asbestos Hazard and Emergency Response Act of 1987 (AHERA).

If you have any questions, please call us at 248.669.5140.

Respectfully submitted,

A handwritten signature in blue ink that reads "Rachel Kasnow".

Rachel Kasnow
State of Michigan Asbestos Inspector
Atlas Technical Consultants LLC

A handwritten signature in blue ink that reads "Kandy Rauser".

Kandy Rauser
Project Manager
Atlas Technical Consultants LLC

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EXECUTIVE SUMMARY

Atlas representative Ms. Rachel Kasnow, completed the pre-renovation limited asbestos and lead-containing paint survey of the Waterford Armory, at 2650 Watkins Lake Road, in Waterford, Michigan, May 27 through June 3, 2025.

Three hundred and twelve (312) asbestos bulk samples, taken from one hundred and four (104) homogenous areas, were collected and submitted for analysis by Polarized Light Microscopy (PLM). Of the 312 samples submitted, three hundred and fifty-one (351) sample layers were analysed, and five (5) samples were analysed by point count. The results of laboratory testing indicated that five (5) of the suspect materials contained greater than 1 percent asbestos and four (4) of the suspect materials were assumed to contain asbestos.

Eleven (11) representative samples of paint, taken from interior and exterior areas of the building, were collected and submitted for analysis by Flame AAS. The results of laboratory testing of the paint chip samples indicated that all eleven (11) samples contained levels of lead greater than the laboratory reporting limits.

Six (6) representative lead dust wipe samples, taken from surfaces within and directly connected to the shooting range area, were collected and submitted for analysis. The results of laboratory testing of the dust wipe samples indicated that two (2) samples contained levels of lead greater than the allowable USEPA HUD standards for floors.

If any additional materials are discovered during renovation/demolition activities, such materials must be assumed to contain asbestos until sampling and analysis proves otherwise.



1. INTRODUCTION

1.1 Purpose

The purpose of this project was to conduct a pre-renovation limited asbestos and lead-containing paint survey of the Waterford Armory located at 2650 Watkins Lake Road, in Waterford, Michigan.

1.2 Pre-Renovation Asbestos Survey

The scope of the pre-renovation asbestos survey included the following:

- Review of existing asbestos reports for the building, if available;
- Survey of the property building(s);
- Identification of accessible suspect asbestos-containing materials (ACMs);
- Collection and analysis of bulk samples of suspect friable and non-friable materials.

2. GENERAL SITE CONDITIONS

2.1 General Property and Building Information

General property and building information is presented in the following table:

General Property and Building Information

Date of Inspection:	May 27 through June 3, 2025
Inspectors	Rachel Kasnow, Inspector # A61030
Property Address:	2650 Watkins Lake Road, Waterford, Michigan 48328
Property Owner	Michigan Department of Military & Veterans Affairs
Building Description:	Waterford Armory

2.2 Exterior Finish Descriptions

The exterior of the buildings included block and masonry with a flat roof.

2.3 Interior Building Descriptions

The interior finishes of the building included concrete masonry unit (CMU) block walls, wallboard, ceiling tiles/panels, and tiled walls and floors.

3. PRE-RENOVATION ASBESTOS SURVEY

Atlas representative Ms. Rachel Kasnow conducted the pre-renovation asbestos inspection of the property building from May 27 through June 3, 2025. Ms. Kasnow is a State of Michigan Certified Asbestos Inspector's (Certification No. A61030). The building was visually inspected for the presence of building materials that are suspected to contain asbestos. Bulk samples of suspect ACMs were collected and placed into individual containers for transport to a National Voluntary Lab Accreditation Program (NVLAP)-accredited laboratory for analysis. Materials typically known as non-asbestos items (i.e. fibrous glass, foam rubber, wood, etc.) were not sampled. The asbestos inspection consisted of the following three basic procedures:

- > Conducting a visual inspection of the structures;
- > Identifying homogeneous areas (HAs) of suspect surfacing, thermal system insulation, and miscellaneous materials; and
- > Sampling accessible, friable and non-friable suspect materials.

3.1 Homogeneous Areas

Prior to collecting any samples, homogenous areas (HAs) were identified. A homogeneous sampling area can be described as one or more areas of material that are similar in appearance and texture and that have the same apparent installation date, appearance and function. Actual number of samples collected from each homogeneous sampling area may vary, based on the type of material and professional opinion of the inspector.

3.2 Hazard Assessment Factors

From the list of suspect homogeneous areas, a physical assessment was performed for each material on the list. A physical assessment includes evaluating the condition, assessing the potential for disturbance, and determining the friability of each material. By definition, "friable" materials are those that can be crumbled or reduced to powder by hand pressure when dry. Each material identified was further classified into one of three categories: surfacing materials, thermal systems insulation (TSI) and miscellaneous materials. Each of the three categories have specific sampling requirements, outlined below.

- *Surfacing Materials*: Refers to spray-applied or troweled surfaces such as plaster ceilings and walls, fireproofing, textured paints, textured plasters, and spray-applied acoustical surfaces.
- *Thermal System Insulation*: Refers to insulation used to inhibit heat gain or loss on pipes, boilers, tanks, ducts, and various other building components.
- *Miscellaneous Materials*: Refers to friable and non-friable products and materials that do not fit in any of the above two categories such as resilient floor covering, baseboards, mastics, adhesives, roofing material, caulking, glazing, and siding. This category also contains wallboard and ceiling tile.

All materials were assessed related to their condition in one of the three categories: good (intact), fair (damaged) or poor (significantly damaged) per Title 40 Code of Federal Regulations Part 763. Material with localized, significant damage was also assessed as poor.

3.3 Laboratory Analytical Methodology

Bulk samples were analyzed by Environmental Testing Laboratories, Inc. (ETL) using polarized-light microscopy (PLM) and dispersion staining (Method Reference: 40 CFR Part 763, Volume 47, No. 103, May 27, 1982, pg. 23376). This laboratory participates in the National Voluntary Laboratory Accreditation Program (NVLAP #201028-0), a quality assurance program for PLM analysis, and is accredited by the National Institute of Standards and Technology (NIST) as well as accreditation requirements under 15 CFR Part 25.

Positive sample results are reported in percent asbestos by volume of the sample and the type of asbestos material within the sample. Other common non-asbestos components may also be noted on the analytical reports.

3.4 Sampling Results

Bulk samples were collected from the site building and analyzed by polarized light microscopy (PLM), EPA Method 600/R-93/116. A sample location drawing can be found in **Appendix A**. A photo log depicting suspect ACMs can be found in **Appendix B**. Copies of the laboratory analytical report and corresponding chain-of-custody forms are included in **Appendix C**.

The following table provides a summary of accessible suspect and confirmed ACMs from the Site buildings:

Table 3-1 ACM Sampling Results

Sample ID/Material	Location of Materials	Material	Estimated Quantity	Asbestos Content
Main Building				
1-CC-A,B,C	Throughout	Poured Concrete Floors	21,061 SF	None Detected
2-EJ-A,B,C	Room 100, 101, 103, 104, 117, and 119	Concrete Floor Expansion Joint	446 SF	None Detected
3-EJ-A,B,C	Room 100, 101, and 103	Concrete Floor, Soft, Grey Expansion Joint	345 SF	None Detected
4-CMU-A,B,C	Throughout	CMU Block Wall Mortar	23,630 SF	None Detected
5-EJ-A,B,C	Main and South Entrance, South Main Corridor, West Vestibule and Corridor, Central Main Corridor, Lobby, North Main Corridor, and Rooms 100, 101, 103, 104, 117, and 134	CMU Block Wall Expansion Joint	845 SF	None Detected
6-IC-A,B,C	Rooms 100 and 117	Interior Red Fire Stop Caulk	11 LF	None Detected
7-IC-A,B,C	Rooms 100, 113, 114, and 115	Interior Dark Grey Building Caulk	140 LF	None Detected
8-PI-A,B,C	Throughout	Fiberglass Pipe Insulation	782 LF	None Detected
9-SM-A,B,C,D,E	Rooms 100 and 137	Yellow Painted White, Fluffy Spray-on Insulation	3,825 SF	None Detected
10-Not Sampled	Room 100	Fiberglass HVAC Duct Insulation	60 SF	ASSUMED
11-IC-A,B,C	Rooms 100, 119, and 137	Interior Pinkish Brown Pipe Penetration Mud	3 SF	None Detected
12-Not Sampled	Room 100	Black Metal Duct Seam Sealant of HVAC	125 LF	ASSUMED
13-IC-A,B,C	Room 101	Interior Tan Brittle Door Caulk	15 LF	None Detected
14-IC-A,B,C	Throughout	Interior Off-White Door Caulk	490 LF	None Detected
15-PB-A,B,C	Room 101	Pressboard Penetration Hole Filler	1 SF	None Detected
16-PI-A,B,C	Room 101	Packing Insulation	1 SF	None Detected
17-CC-A,B,C	Rooms 101, 102, 106, 107, 133, and 137	Concrete Ceiling	2,757 SF	None Detected



Sample ID/Material	Location of Materials	Material	Estimated Quantity	Asbestos Content
18-RT-A,B,C	Room 101	Black Roof Tar	30 SF	Point Count: 1.5% Chrysotile
19-CT-A,B,C	Rooms 102, 106, and 107	6" x 6" Tan Ceramic Floor Tile and Grout	728 SF	None Detected
20-CTG-A,B,C	Rooms 102, 106, and 107	6" x 16" Grey Block Wall Grout	1,750 SF	None Detected
21-IC-A,B,C	Throughout	Interior Tan/Gold Building Caulk	655 LF	None Detected
22-IC-A,B,C	Throughout	Interior White Building Caulk	277 LF	None Detected
23-IC-A,B,C	Room 103	Interior Grey, Brittle Caulk	3 LF	None Detected
24-IC-A,B,C	Room 104	Interior Brittle Multi-Layer Sink Caulk	5 LF	None Detected
25-CP-A,B,C	Room 104 and North Vestibule & Associated Corridor	2' x 4' Ceiling Panel with Pinholes and Long Gouges	208 SF	None Detected
26-HS-A,B,C	Rooms 104 and 105	Heat Shield	2 SF	None Detected
27-CT-A,B,C	Rooms 104, 134, and 139	4" Beige Speckled Cove Base Ceramic Floor Tile and Grout	149 SF	None Detected
28-CT-A,B,C	Rooms 104, 134, and 139	1" x 1" Beige Ceramic Floor Tile and Grout	445 SF	None Detected
29-IC-A,B,C	Rooms 104, 105, 107, 134, 139, and 140	Interior White Plumbing Fixture Caulk	101 LF	None Detected
30-CT-A,B,C	Rooms 105 and 140	4" Pink Cove Base Ceramic Tile and Grout	235 SF	None Detected
31-CTG-A,B,C	Room 105 and 140	1" x 1" Off-White Ceramic Tile Floor Grout	5 SF	None Detected
32-PA-A,B,C	Room 105	Paper and Adhesive Under Plumbing Caulk	15 LF	None Detected
33-IC-A,B,C	Room 106	Interior Light Grey Multi-layer Caulk	110 LF	None Detected
34-SU-A,B,C	Room 106 and 107	Grey Sink Undercoating	14,452 SF	None Detected
35-CP-A,B,C	Throughout	2' x 4' Ceiling Panel with Pinholes and Small Gouges	10,210 SF	None Detected
36-WBS-A,B,C	Throughout	Wallboard System	2,730 SF	None Detected
37-BM-A,B,C	West Vestibule & Associated Corridor, Central Main Corridor, Lobby, North Main Corridor, North Vestibule & Associated Corridor, and Rooms 147, 148, & 153	Interior Multi-Color Brick and Mortar	1,003 SF	None Detected



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Sample ID/Material	Location of Materials	Material	Estimated Quantity	Asbestos Content
38-CB-A,B,C	Main Entrance (South Vestibule), South Main Corridor, West Vestibule & Associated Corridor, Central Main Corridor, Lobby, North Main Corridor, North Vestibule & Associated Corridor, and Rooms 109, 110, & 136	4" Grey Cove base and Adhesive	5,183 SF	None Detected
39-FT-A,B,C	Main Entrance (South Vestibule), South Main Corridor, West Vestibule & Associated Corridor, Central Main Corridor, Lobby, North Main Corridor, North Vestibule & Associated Corridor, and Rooms 109, 110, & 136	12"x 12" Light Grey/Blue Mottled with White and Grey Streaks, Floor Tile and Mastic	60 SF	None Detected
40-FT-A,B,C	Main Entrance (South Vestibule), South Main Corridor, West Vestibule & Associated Corridor, Central Main Corridor, and Rooms 109 & 110	12" x 12" Blue/Grey Mottled with White Streaks, Floor Tile and Mastic	102 SF	None Detected
41-FT-A,B,C	Lobby, North Main Corridor, North Vestibule & Associated Corridor, and Room 109	12" x 12" Blue Mottled Floor Tile and Mastic	15 SF	None Detected
42-FT-A,B,C	Room 109	12" x 12" Light Grey Mottled with White and Grey Streaks, Floor Tile and Mastic	940 SF	None Detected
43-CC-A,B,C	Rooms 110 and 111	Nailed in Cement Boards	1,555 SF	None Detected
44-CB-A,B,C	Throughout	4" Black Cove Base and Adhesive	7,524 SF	None Detected
45-CM-A,B,C	Throughout	Yellow Carpet Mastic	750 SF	None Detected
46-CC-A,B,C	Rooms 115, 116, and 137	Concrete Wall	290 SF	None Detected
47-IC-A,B,C	Throughout	Interior Light Grey Building Caulk	8,644 LF	None Detected
48-SM-A,B,C	Throughout	White Fluffy Spray-on Insulation	413 SF	None Detected
49-DI-A,B,C	Throughout	Silver Foil Wrapped Duct Insulation	150 SF	None Detected



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Sample ID/Material	Location of Materials	Material	Estimated Quantity	Asbestos Content
50-DI-A,B,C	Throughout	Black Plastic Wrapped Duct Insulation	210 SF	None Detected
51-IC-A,B,C	Throughout	Interior White Multi-Layer Window Caulk	195 LF	None Detected
52-IC-A,B,C	Throughout	Interior Black Window Caulk	200 LF	None Detected
53-SW-A,B,C	Room 124	Styrofoam Wallboard Insulation	75 SF	None Detected
54-AD-A,B,C	Rooms 125 and 126	Accordion Dividing Wall	250 SF	None Detected
55-IC-A,B,C	Main Entrance (South Vestibule), South Main Corridor, West Vestibule & Associated Corridor, Central Main Corridor, North Vestibule & Associated Corridor, and Rooms 147, 148, and 152	Interior Black Window Caulk Associated with Windows in Door Frames	80 LF	None Detected
56-CT-A,B,C	Room 139	4" x 4" Beige Ceramic Shower Tile and Grout	10 SF	None Detected
57-CT-A,B,C	Room 140	4" x 4" Pink Ceramic Shower Tile and Grout	60 SF	None Detected
58-FT-A,B,C	West Vestibule & Associated Corridor and Central Main Corridor	12" x 12" Light Blue with Dark Grey Streaks Floor Tile and Mastic	160 SF	None Detected
59-CB-A,B,C	Lobby and North Main Corridor	4" Blue Cove Base and Adhesive	10 SF	None Detected
60-Not Sampled	Main Entrance (South Vestibule) & South Main Corridor	6" x 6" Orange Ceramic Tile	1 SF	ASSUMED
61-IC-A,B-C	Main Entrance (South Vestibule) & South Main Corridor	Interior, Orange, Door Window Caulk	10 LF	None Detected
62-PF-A,B,C	Room 117	Mudded Fittings Associated with Fiberglass Straight Pipe Insulation	1 Fitting	None Detected
63-CM-A,B,C	Room 117	Chimney Brick and Mortar	60 SF	None Detected
64-WP-A,B,C	Room 117	Black Weatherproofing	12 SF	None Detected
65-SM-A,B,C	Room 119	Light Green Painted Spray-On Insulation	750 SF	None Detected
66-IC-A,B,C	Room 117	Interior Brown Firestop Caulk	6 SF	None Detected
67-EC-A,B,C	Main Building Exterior	Exterior Light Grey Cement Sidewalk Caulk	150 LF	None Detected
68-EC-A,B,C	Main Building Exterior	Exterior Black Building Caulk	150 LF	Point Count: 1.25% Chrysotile
69-EC-A,B,C	Main Building Exterior	Exterior Medium Grey Metal Siding Caulk	5 LF	Point Count: 1.5% Chrysotile



Sample ID/Material	Location of Materials	Material	Estimated Quantity	Asbestos Content
70-EC-A,B,C	Main Building Exterior	Exterior Red Fire-Stop Caulk	1 SF	None Detected
71-EC-A,B,C	Main Building Exterior	Exterior Residual Grey Door Caulk	90 LF	None Detected
72-EC-A,B,C	Main Building Exterior	Exterior Black Window Caulk	300 LF	Point Count: 1.25% Chrysotile
73-EC-A,B,C	Main Building Exterior	Exterior Black Door Caulk	180 LF	None Detected
74-CC-A,B,C	Main Building Exterior	Exterior Cement Windowsills	85 SF	None Detected
75-BM-A,B,C	Main Building Exterior	Exterior Brick and Mortar	15,000 DG	None Detected
76-EC-A,B,C	Main Building Exterior	Exterior Brown Pipe Penetration Caulk	3 SF	None Detected
77-EC-A,B,C	Main Building Exterior	Exterior White Door Caulk	30 LF	None Detected
78-EC-A,B,C	Main Building Exterior	Exterior Dark Grey Cement Caulk	40 LF	None Detected
79-EC-A,B,C	Main Building Exterior	Exterior White Building Caulk	5 LF	None Detected
104-RM-A,B,C	Main Building Roof	Main Building Roofing Material	27,000 SF	None Detected
Out Building				
80-CC-A,B,C	Throughout	Poured Concrete Floor	15,625 SF	None Detected
81-EJ-A,B,C	Throughout Offices, Open Garage Space and Loft Area	Concrete Floor Expansion Joint	1,590 LF	None Detected
82-CMU-A,B,C	Throughout	CMU Block Wall	9,084 SF	None Detected
83-EJ-A,B,C	Throughout Offices, Open Garage Space and Loft Area	CMU Block Wall Expansion Joint	790 LF	None Detected
84-SM-A,B,C	Throughout Offices, Open Garage Space and Loft Area	Pink Painted Spray-On Insulation	15,625 SF	None Detected
85-IC-A,B,C	Throughout	Interior Grey Door Caulk	135 LF	None Detected
86-IC-A,B,C	North and South Office	White Multi-layer Building Caulk	60 LF	None Detected
87-BM-A,B,C	Throughout Offices, Open Garage Space and Loft Area	Brick and Mortar	2,320 SF	None Detected
88-IC-A,B,C	South Office	Black Interior Window Interior Caulk	20 LF	None Detected
89-IC-A,B,C	South Office	Interior Black Window Caulk	15 LF	None Detected
90-PI-A,B,C	Open Garage Space, Loft Area, and Storage Area	Fiberglass Straight Pipe Insulation	210 LF	None Detected
91-WBS-A,B,C	Open Garage Space and Loft Area	Wallboard System	2,600 SF	None Detected



Sample ID/Material	Location of Materials	Material	Estimated Quantity	Asbestos Content
92-FT-A,B,C	Restroom	12" x 12" Blue/Grey Mottled Floor Tile and Mastic	60 SF	None Detected
93-CB-A,B,C	Restroom	4" Blue Cove Base and Adhesive	32 LF	None Detected
94-HS-A,B,C	Restroom	Heat Shield	1 SF	None Detected
95-IC-A,B,C	Restroom	Interior White Plumbing Caulk	10 LF	None Detected
96-Not Sampled	Restroom and Storage Room	Concrete Ceiling	93 SF	ASSUMED
97-WG-A,B,C	Open Garage Space and Loft Area	Interior Second Floor Window Glaze	260 LF	Point Count: 1.75% Chrysotile
98-DI-A,B,C	Open Garage Space and Loft Area	Brown Paper Roof Drain Insulation	5 SF	None Detected
99-EC-A,B,C	Exterior	Exterior Grey Cement Caulk	150 LF	None Detected
100-BM-A,B,C	Exterior	Exterior Brick and Mortar	10,000 SF	None Detected
101-EC-A,B,C	Exterior	Exterior Black Window Caulk	15 LF	None Detected
102-EC-A,B,C	Exterior	Exterior Multi-layer Door Caulk	75 LF	None Detected
103-RT-A,B,C	Roof	Exterior Roof Tar	15,635 SF	None Detected

EA=Exterior Area FS Functional Space NA=Not Applicable ND= None Detected

In the event additional suspect material is discovered during renovation activities, this material should be treated as presumed asbestos-containing material (PACM) in accordance with regulations 29 CFR 1926.1101 and 1910.1001 and other applicable state and local regulations and either sampled to confirm or nullify asbestos content or be treated as ACM and handled accordingly.



4. LEAD-CONTAINING PAINT SAMPLING

Atlas representative Ms. Rachel Kasnow conducted the lead-containing paint (LCP) sampling of the property building from May 27 through June 3, 2025. The sampling included physical sampling of paint coatings that were deemed representative of the predominant paint coatings observed.

Eleven (11) paint chip samples were collected and submitted to Accurate Analytical Testing Laboratory, 30105 Beverly Road, Romulus, Michigan for lead analysis. Bulk samples were analyzed using the Environmental Protection Agency's Test Method SW 846-7420 and 3050B using Flame AAS to determine lead concentration in percent (%) by weight. Copies of the laboratory analytical report and corresponding chain-of-custody forms are included in **Appendix D**.

The following table provides a summary of the LCP sampling:

Table 4-1 Lead-Containing Paint Sampling Results

Sample ID	Sample Location	Color	Lead Content (%)	Reporting Limit (%)
1-LPC	Main Building Doors	Gray	0.00185	0.000465
2-LPC	Main Building Interior Walls	White	0.00997	0.00112
3-LPC	Main Building CMU Block	Off-White	0.00296	0.00197
4-LPC	Main Building CMU Block	Yellow	0.0444	0.000820
5-LPC	Main Building Cement	Green	0.0122	0.00309
6-LPC	Main Building Interior Walls	White	0.00240	0.000482
7-LPC	Outbuilding Metal	White	0.482	0.00160
8-LPC	Outbuilding Block	Red	0.00569	0.00205
9-LPC	Outbuilding Interior Walls	Pink	0.00266	0.000624
10-LPC	Outbuilding CMU Block	Pink	0.00266	0.000624
11-LPC	Outbuilding Metal Pipes	Pink	0.0381	0.00118

5. LEAD DUST WIPE SAMPLING

Lead dust wipe samples were taken by Atlas representative Ms. Linda Shah, within the shooting range area on hard surface floors. Six (6) representative lead dust wipe samples were taken from floor surfaces within and directly connected to the shooting range area and submitted for lead analysis. The results of laboratory testing of the dust wipe samples indicated that two (2) samples contained levels of lead greater than the allowable USEPA HUD standards for floors.

Copies of the laboratory analytical report and corresponding chain-of-custody forms are included in **Appendix E**.

The following table provides a summary of the lead dust wipe floor sampling:

Table 5-1 Lead Dust Wipe Sampling Results

Dust Wipe Results				
Date Of Sampling: 06/10/2025				
Sample Number	Location	Surface Tested*	Lead Concentration In $\mu\text{g}/\text{Ft}^2$	Exceed USEPA Standard?
W001	Field Blank	N/A	N/D	N/A
W002	Room 1 Hallway Floor	Hard Floor (HF)	<5.00	No
W003	Room 2 Shooting Range Floor; South Entrance	Hard Floor (HF)	5.10	No
W004	Room Shooting Range Floor: Midway	Hard Floor (HF)	<5.00	No
W005	Room 2 Shooting Range Floor 2/3 of Floor Length Down Range	Hard Floor (HF)	10.2	Yes
W006	Room 2 Shooting Range North Entry Floor	Hard Floor (HF)	313	Yes

USEPA/HUD Standards for Lead Dust Wipes

Floors ($\mu\text{g}/\text{ft}^2$ = microgram per square foot)	Less than 10 $\mu\text{g}/\text{ft}^2$
Windowsills ($\mu\text{g}/\text{ft}^2$)	Less than 100 $\mu\text{g}/\text{ft}^2$
Window troughs ($\mu\text{g}/\text{ft}^2$)	Less than 100 $\mu\text{g}/\text{ft}^2$
Exterior porch floor ($\mu\text{g}/\text{ft}^2$)	Less than 40 $\mu\text{g}/\text{ft}^2$

6. CONCLUSIONS AND RECOMMENDATIONS

6.1 Asbestos Containing Materials

The results of laboratory testing during the pre-renovation asbestos survey conducted at the property indicate that the following materials were found to contain asbestos or assumed to contain asbestos:

Sample ID /Material	Location of Materials	Material	Estimated Quantity	Asbestos Content
10-Not Sampled	Room 100	Fiberglass HVAC Duct Insulation	60 SF	ASSUMED
12-Not Sampled	Room 100	Black Metal Duct Seam Sealant of HVAC	125 LF	ASSUMED
18-RT-A,B,C	Room 101	Black Roof Tar	30 SF	Point Count: 1.5% Chrysotile
60-Not Sampled	Main Entrance (South Vestibule) & South Main Corridor	6" x 6" Orange Ceramic Tile	1 SF	ASSUMED
68-EC-A,B,C	Main Building Exterior	Exterior Black Building Caulk	150 LF	Point Count: 1.25% Chrysotile
69-EC-A,B,C	Main Building Exterior	Exterior Medium Grey Metal Siding Caulk	5 LF	Point Count: 1.5% Chrysotile
72-EC-A,B,C	Main Building Exterior	Exterior Black Window Caulk	300 LF	Point Count: 1.25% Chrysotile
96-Not Sampled	Outbuilding - Restroom and Storage Room	Concrete Ceiling	93 SF	ASSUMED
97-WG-A,B,C	Outbuilding - Open Garage Space and Loft Area	Interior Second Floor Window Glaze	260 LF	Point Count: 1.75% Chrysotile

If any additional materials are discovered during renovation/demolition activities, such materials must be assumed to contain asbestos until sampling and analysis proves otherwise.

6.2 Lead-Containing Paint

Three (3) representative samples of paint, taken from interior and exterior areas of the building, were collected and submitted for analysis by Flame AAS. The results of laboratory testing during the limited lead-containing paint sampling conducted at the property indicate that two (2) samples contained levels of lead greater than the laboratory reporting limits.

The presence of lead-containing paint requires, under OSHA 1926.62 requirements, that the contractor performing renovation, surface preparation, and other activities that impact or potentially impact the lead-coated components, evaluate potential worker exposures to airborne lead. This evaluation can be based, for the specific activities denoted in 1926.62, on objective data obtained by the contractor on other, similar, worksites within the prior calendar year. In addition, lead-containing paint and lead-coated waste and construction debris must be evaluated and, on a case-by-case basis depending on this evaluation, quantitative analysis be performed on these waste streams to ensure compliance with EPA waste disposal regulations.



The presence of Lead-Containing Paint (LCP) and/or Lead-Based Paint (LBP) does not, in itself, trigger regulatory compliance actions. However, when these materials are disturbed, the requirements of OSHA (1926.1101) and EPA may become operative. Appropriate actions in terms of removal methods, emissions control, worker protection, and waste disposal should be considered by the general contractor and applicable subcontractors while completing renovation activities.

6.3 Lead Dust Wipe Sampling

Lead contaminated dust is an exposure pathway for lead poisoning. Atlas recommends areas that had lead dust levels exceeding allowable USEPA HUD standards be cleaned by a State of Michigan licensed lead abatement contractor. Engineering controls should be evaluated to determine if adjustments are needed to existing HVAC systems or additional systems need to be installed. A routine maintenance schedule including regular cleaning in the impacted areas should be implemented.

7. ASSUMPTIONS AND LIMITATIONS

The results, findings, conclusions, and recommendations expressed in the report are based only on conditions that were noted during the NESHAP inspections conducted from May 19 through May 21, 2025 performed by Atlas. Selection of sample locations and frequency of sampling were based on EPA Guidance documents, Atlas's observations, and the assumption that building vintage and renovation history information presented to Atlas allowed the proper designation of homogenous materials for each building.

This document does not contain the elements necessary for an Abatement Work plan, and this document does not contain, nor should it take the place of technical specifications for ACM removal.

Our professional services have been performed, our findings obtained, and our conclusions and recommendations prepared in accordance with customary principles and practices in the fields of environmental science and engineering. This statement is in lieu of other statements either expressed or implied. This report does not warrant against changes to material from future operations or conditions, nor does it warrant against operations or conditions against present ACM material in locations not investigated.

The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users and use or re-use of this document or the findings, conclusions, or recommendations is at the risk of said user.

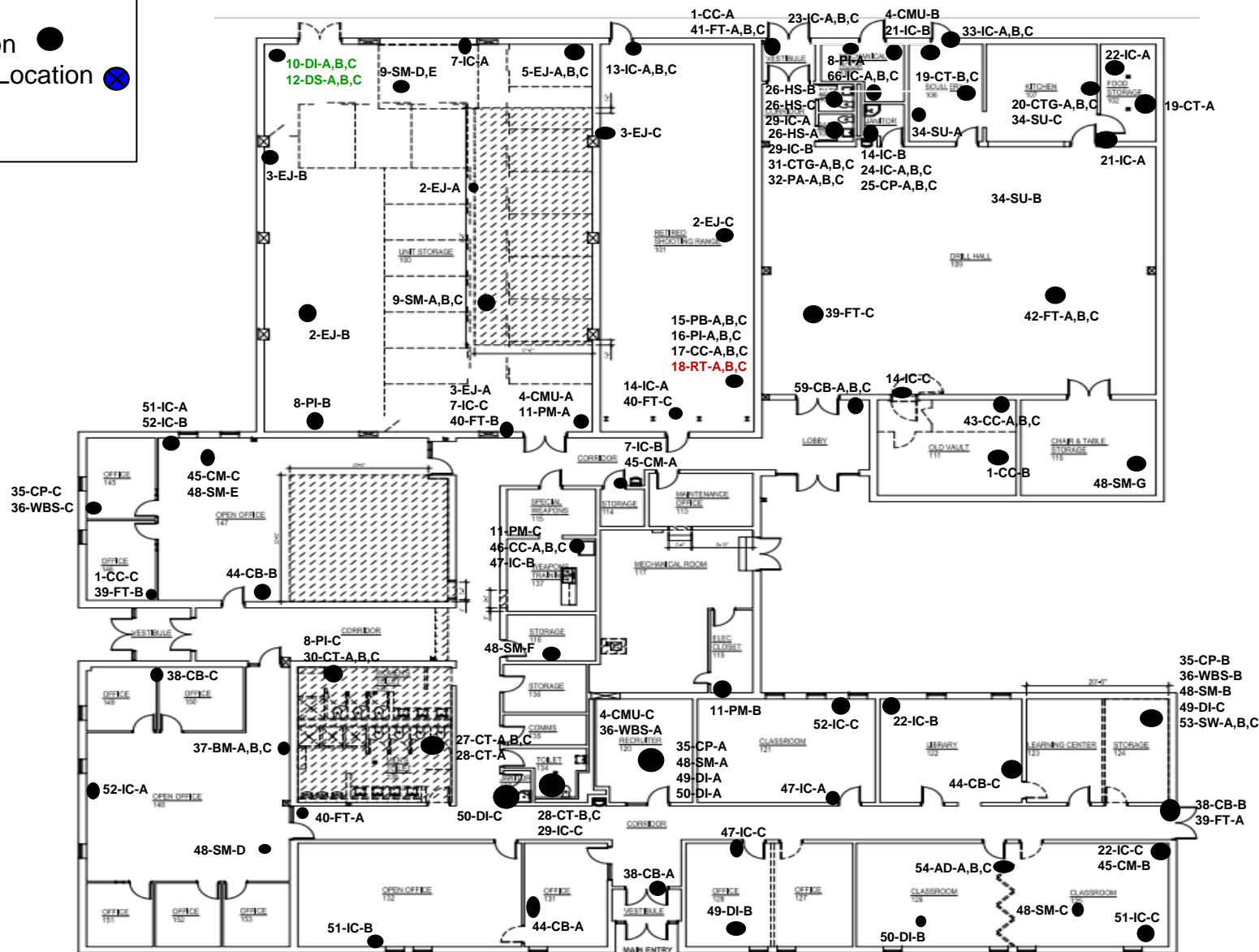


APPENDIX A

SAMPLE LOCATION DRAWING

KEY

Asbestos Sample Location ●
Lead Paint Chip Sample Location ⊗
Positive Materials **HA#**
Assumed Materials **HA#**



State of Michigan – Waterford Armory
2650 Watkins Lake Road, Waterford, MI 48328

Asbestos and Lead Paint Chip Sample Location Map

Main Building (1-54)

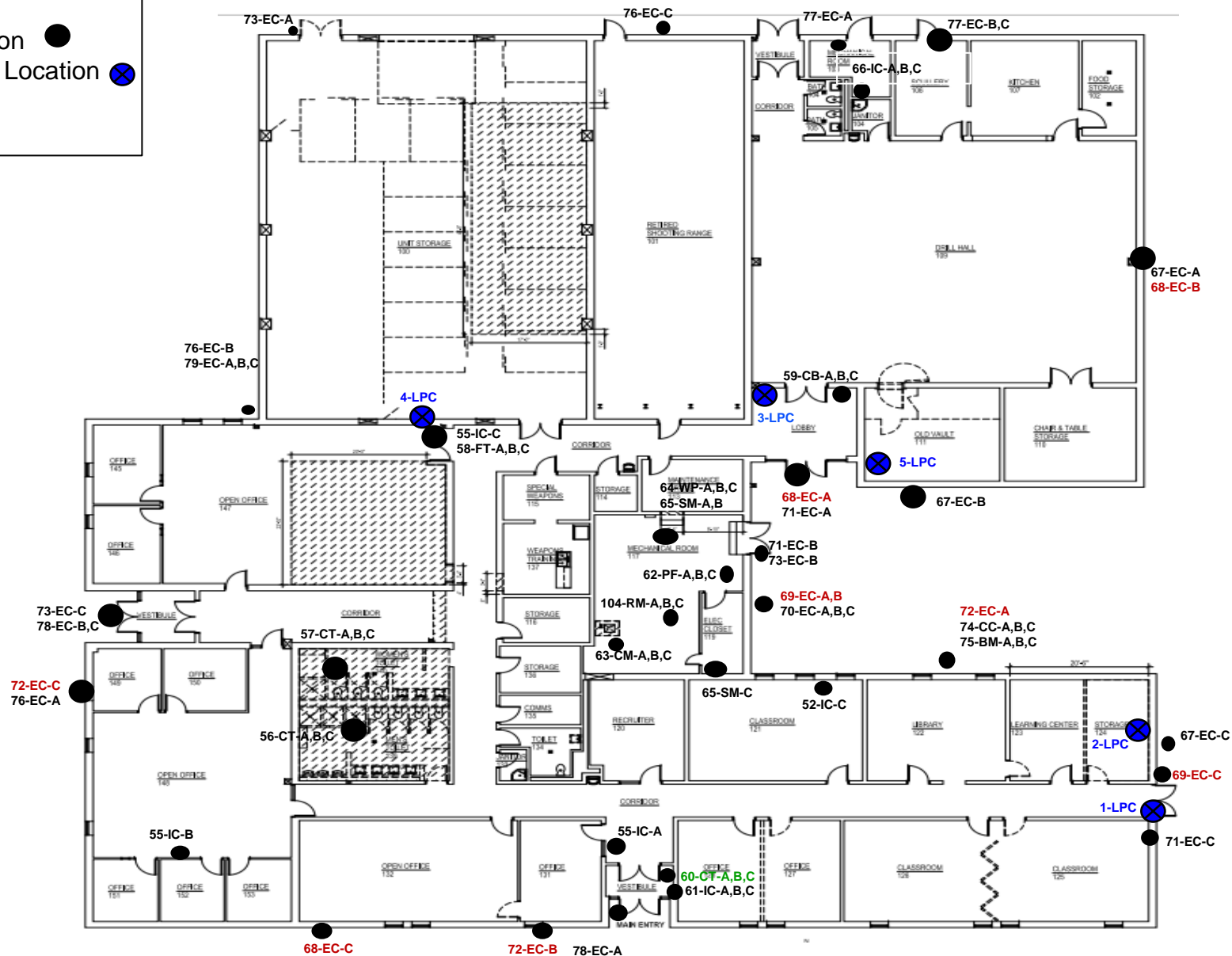
PROJECT NUMBER: 188BS25305
DRAWN BY: Rachel Kasnow

FIGURE: 1
REVIEWED BY Atlas
DATE: 6/11/2025



46555 Humboldt Drive, Suite 100
Novi, Michigan 48377
Ph: (248) 669-5140 ~ Fax: (248) 669-5147

Asbestos Sample Location ●
Lead Paint Chip Sample Location ⊗
Positive Materials HA#
Assumed Materials HA#



Asbestos and Lead Paint Chip Sample Location Map

Main Building

ATLAS

46555 Humboldt Drive, Suite 100
Novi, Michigan 48377
Ph: (248) 669-5140 ~ Fax: (248) 669-5147

MAP NOT TO SCALE

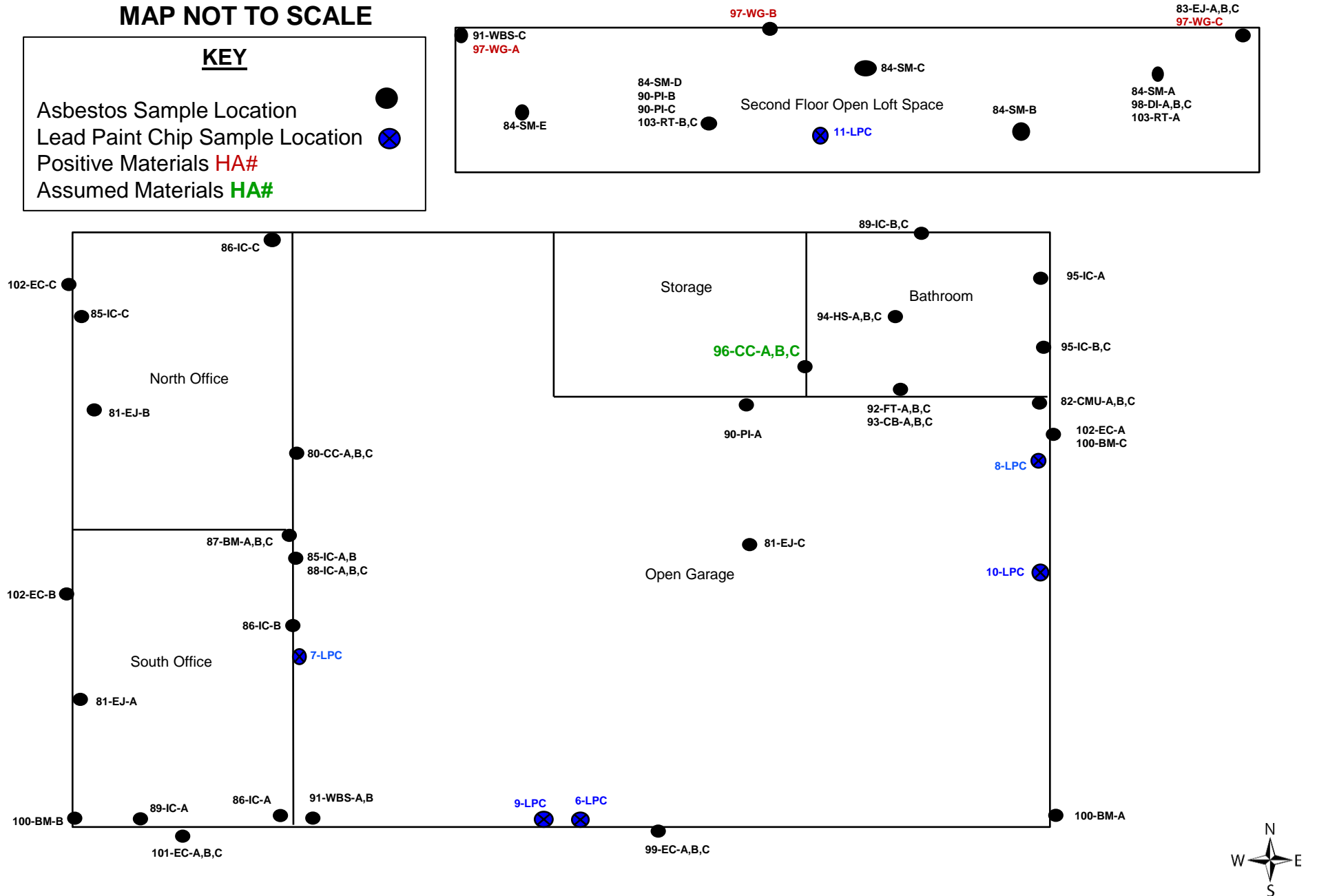
KEY

Asbestos Sample Location ●

Lead Paint Chip Sample Location ⊗

Positive Materials HA#

Assumed Materials HA#



State of Michigan – Waterford Armory
2650 Watkins Lake Rd, Waterford, MI
48328

Asbestos and Lead Chip Paint Sample Location Map - Outbuilding

PROJECT NUMBER: 188BS25305

FIGURE: 3

DRAWN BY: Rachel Kasnow

REVIEWED BY Atlas

DATE: 6/11/2025









46555 Humboldt Drive, Suite 100
Novi, Michigan 48377
Ph: (248) 669-5140 ~ Fax: (248) 669-5147



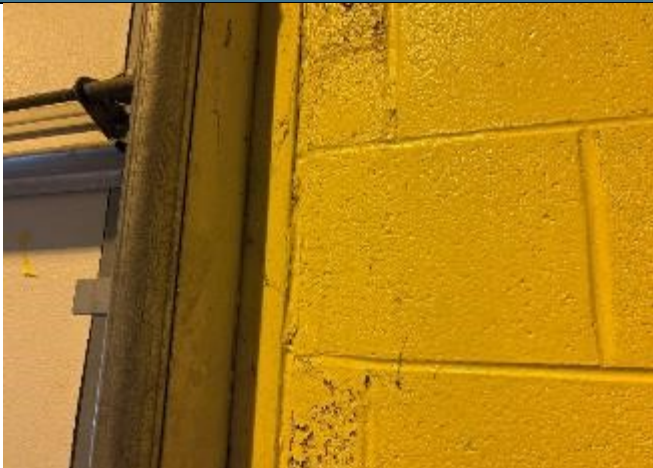
APPENDIX B

PHOTO LOG

Photograph #1	
	Homogenous Material Description
	HA-1: Poured Concrete Floors
	Asbestos Present (Yes/No/Assumed)
	No
	Total Quantity Present
	20,531 SF
	Additional Notes
Photograph #2	
	Homogenous Material Description
	HA-2: Concrete Floor Expansion Joint
	Asbestos Present (Yes/No/Assumed)
	No
	Total Quantity Present
	446 LF
	Additional Notes
Photograph #3	
	Homogenous Material Description
	HA-3: Concrete Floor, Soft, Grey Expansion Joint
	Asbestos Present (Yes/No/Assumed)
	No
	Total Quantity Present
	345 LF
	Additional Notes

Photograph #4	
	Homogenous Material Description
	HA-4: CMU Block Wall Mortar
	Asbestos Present (Yes/No/Assumed)
	No
	Total Quantity Present
	22,250 SF
	Additional Notes
Photograph #5	
	Homogenous Material Description
	HA-5: CMU Block Wall Expansion Joint
	Asbestos Present (Yes/No/Assumed)
	No
	Total Quantity Present
	845 LF
	Additional Notes
Photograph #6	
	Homogenous Material Description
	HA-6: Interior Red Fire Stop Caulk
	Asbestos Present (Yes/No/Assumed)
	No
	Total Quantity Present
	11 SF
	Additional Notes

Photograph #7



Homogenous Material Description

HA-7: Grey Interior Door Caulk

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

140 LF

Additional Notes

Photograph #8



Homogenous Material Description

HA-8: Fiberglass Pipe Insulation

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

742 LF

Additional Notes

Photograph #9



Homogenous Material Description

HA-9: Yellow Painted White, Fluffy Spray on Insulation

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

3,825 SF

Additional Notes

Photograph #10



Homogenous Material Description

HA-10: Fiberglass HVAC Duct Insulation

Asbestos Present (Yes/No/Assumed)

Assumed

Total Quantity Present

60 SF

Additional Notes

Photograph #11



Homogenous Material Description

HA-11: Pinkish Brown Pipe Penetration Mud

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

3 SF

Additional Notes

Photograph #12



Homogenous Material Description

HA-12: Black Metal Duct Seam Sealant of HVAC

Asbestos Present (Yes/No/Assumed)

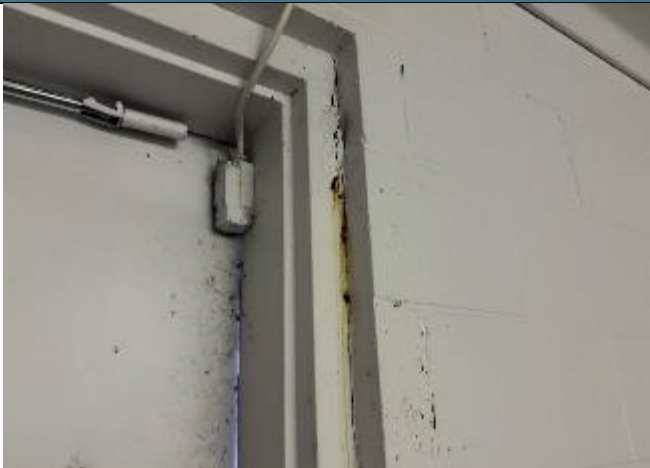
Assumed

Total Quantity Present

125 LF

Additional Notes

Photograph #13



Homogenous Material Description

HA-13: Interior Tan Brittle Door Caulk

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

15 LF

Additional Notes

Photograph #14



Homogenous Material Description

HA-14: Interior Off-White Door Caulk

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

490 LF

Additional Notes

Photograph #15



Homogenous Material Description

HA-15: Pressboard Penetration Hole Filler

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

1 SF

Additional Notes

Photograph #16



Homogenous Material Description

HA-16: Packing Insulation

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

1 SF

Additional Notes

Photograph #17



Homogenous Material Description

HA-17: Concrete Ceiling

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

2,757 SF

Additional Notes

Photograph #18



Homogenous Material Description

HA-18: Black Roof Tar

Asbestos Present (Yes/No/Assumed)

1.5% Chrysotile (point count)

Total Quantity Present

30 SF

Additional Notes

Photograph #19



Homogenous Material Description

HA-19: 6" x 6" Tan Ceramic Floor Tile and Grout

Asbestos Present (Yes/No/Assumed)

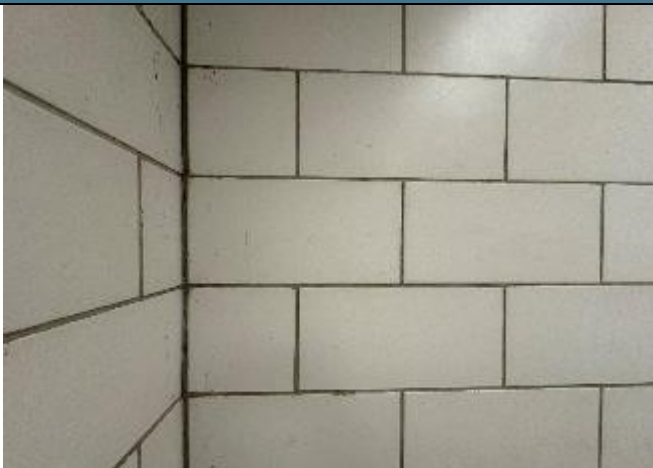
No

Total Quantity Present

728 SF

Additional Notes

Photograph #20



Homogenous Material Description

HA-20: 6" x 16" Grey Block Wall and Grout

Asbestos Present (Yes/No/Assumed)

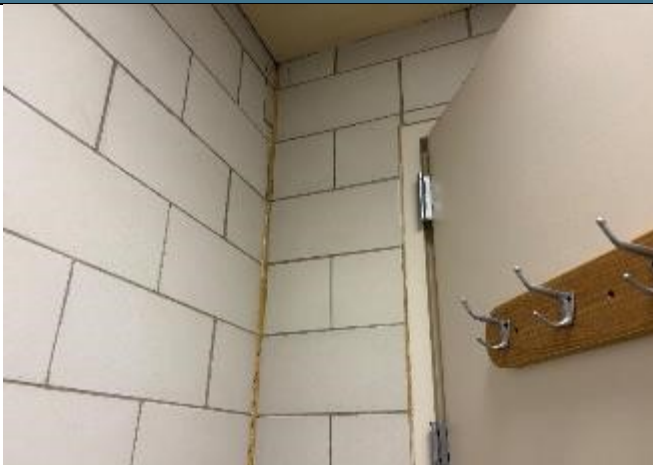
No

Total Quantity Present

1,750 SF

Additional Notes

Photograph #21



Homogenous Material Description

HA-21: Interior Tan/Gold Building Caulk

Asbestos Present (Yes/No/Assumed)

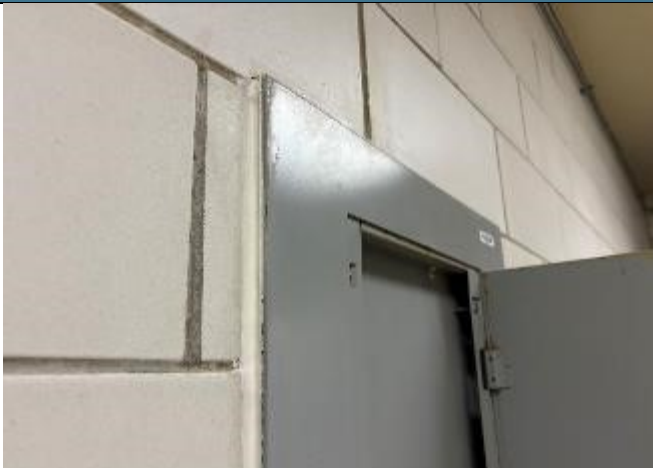
No

Total Quantity Present

655 LF

Additional Notes

Photograph #22



Homogenous Material Description

HA-22: Interior White Building Caulk

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

277 LF

Additional Notes

Photograph #23



Homogenous Material Description

HA-23: Interior Grey, Brittle Caulk

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

3 LF

Additional Notes

Photograph #24



Homogenous Material Description

HA-24: Interior Brittle Multi-Layer Sink Caulk

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

5 LF

Additional Notes

Photograph #25



Homogenous Material Description

HA-25: 2' x 4' Ceiling Panel with Pinholes and Long Gouges

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

208 SF

Additional Notes

Photograph #26



Homogenous Material Description

HA-26: Heat Shield

Asbestos Present (Yes/No/Assumed)

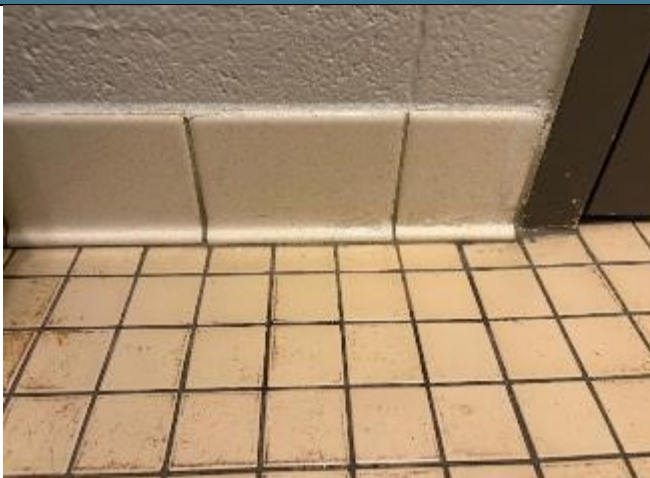
No

Total Quantity Present

2 EA

Additional Notes

Photograph #27



Homogenous Material Description

HA-27: 4" Beige Speckled Cove Base Ceramic Floor Tile and Grout

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

75 SF

Additional Notes

Photograph #28



Homogenous Material Description

HA-28: 1" x 1" Beige Ceramic Floor Tile and Grout

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

101 SF

Additional Notes

Photograph #29



Homogenous Material Description

HA-29: Interior White Plumbing Fixture Caulk

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

75 SF

Additional Notes

Photograph #30



Homogenous Material Description

HA-30: 4" Pink Cove Base Ceramic Tile and Grout

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

69 SF

Additional Notes

Photograph #31



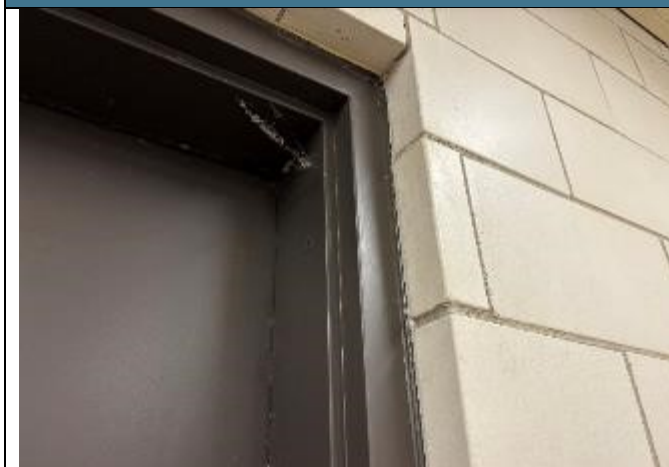
Homogenous Material Description
HA-31: 1" x 1" Off-White Ceramic Tile Floor and Grout
Asbestos Present (Yes/No/Assumed)
No
Total Quantity Present
145 SF
Additional Notes

Photograph #32



Homogenous Material Description
HA-32: Paper and Adhesive Under Plumbing Caulk
Asbestos Present (Yes/No/Assumed)
No
Total Quantity Present
235 SF
Additional Notes

Photograph #33



Homogenous Material Description
HA-33: Interior Light Grey Multi-Layer Caulk
Asbestos Present (Yes/No/Assumed)
No
Total Quantity Present
15 LF
Additional Notes

Photograph #34



Homogenous Material Description

HA-34: Grey Sink Undercoating

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

110 SF

Additional Notes

Photograph #35



Homogenous Material Description

HA-35: 2' x 4' Ceiling Panel with Pinholes and Small Gouges

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

14,152 SF

Additional Notes

Photograph #36



Homogenous Material Description

HA-36: Wallboard System

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

10,210 SF

Additional Notes

Photograph #37



Homogenous Material Description

HA-37: Multi-Color Brick and Mortar

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

2,730 SF

Additional Notes

Photograph #38



Homogenous Material Description

HA-38: 4" Grey Cove Base and Adhesive

Asbestos Present (Yes/No/Assumed)

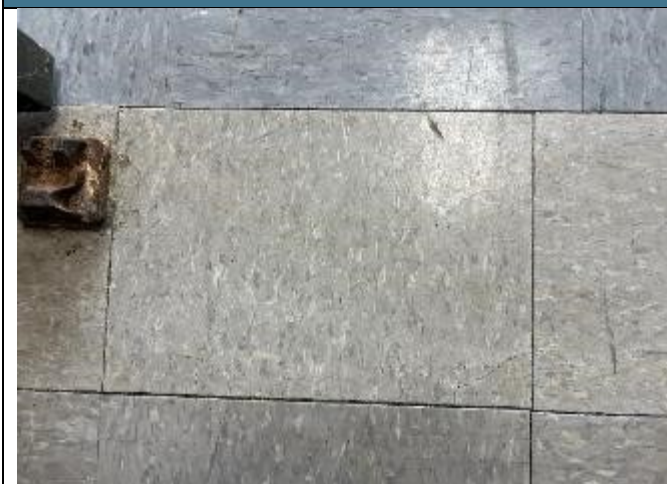
No

Total Quantity Present

1,003 LF

Additional Notes

Photograph #39



Homogenous Material Description

HA-39: 12"x 12" Light Grey/Blue Mottled with White and Grey Streaks, Floor Tile and Mastic

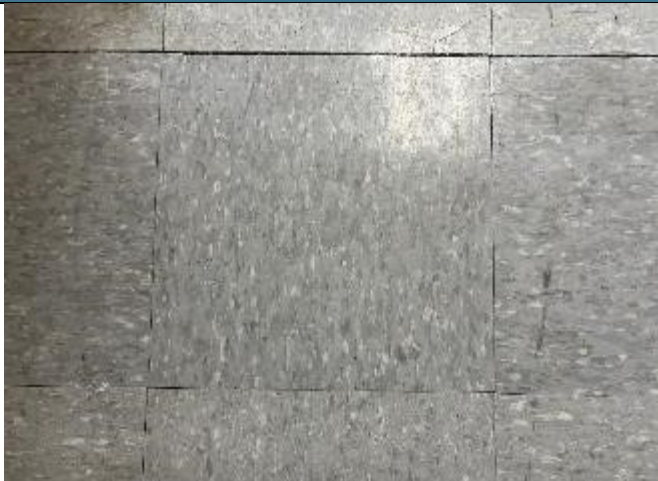


Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

5,183 SF

Additional Notes

Photograph #40	
	Homogenous Material Description
	HA-40: 12" x 12" Blue/Grey Mottled with White Streaks, Floor Tile and Mastic
	Asbestos Present (Yes/No/Assumed)
	No
	Total Quantity Present
	60 SF
	Additional Notes
Photograph #41	
	Homogenous Material Description
	HA-41: 12" x 12" Blue Mottled Floor Tile and Mastic
	Asbestos Present (Yes/No/Assumed)
	No
	Total Quantity Present
	102 SF
	Additional Notes
Photograph #42	
	Homogenous Material Description
	HA-42: 12" x 12" Light Grey Mottled with White and Grey Streaks, Floor Tile and Mastic
	Asbestos Present (Yes/No/Assumed)
	No
	Total Quantity Present
	15 SF
	Additional Notes

Photograph #43



Homogenous Material Description

HA-43: Nailed in Cement Boards

Asbestos Present (Yes/No/Assumed)

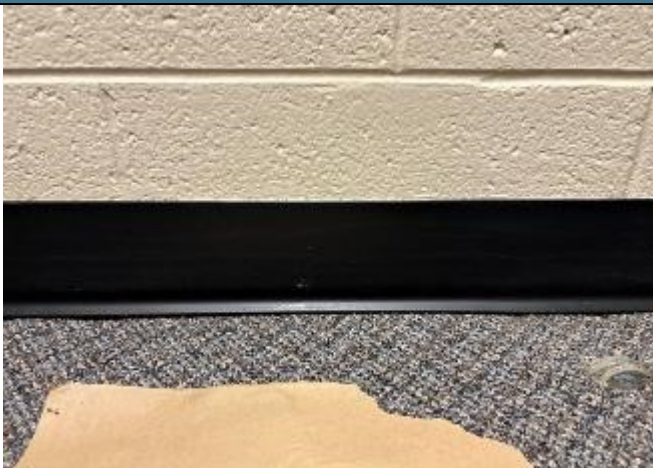
No

Total Quantity Present

940 SF

Additional Notes

Photograph #44



Homogenous Material Description

HA-44: 4" Black Cove Base and Adhesive

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

1,555 SF

Additional Notes

Photograph #45



Homogenous Material Description

HA-45: Yellow Carpet Mastic

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

7,524 SF

Additional Notes

Photograph #46



Homogenous Material Description

HA-46: Concrete Wall

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

750 SF

Additional Notes

Photograph #47



Homogenous Material Description

HA-47: Interior Light Grey Building Caulk

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

290 LF

Additional Notes

Photograph #48



Homogenous Material Description

HA-48: White Fluffy Spray-on Insulation

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

8,344 SF

Additional Notes

Photograph #49



Homogenous Material Description

HA-49: Silver Foil Wrapped Duct Insulation

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

393 SF

Additional Notes

Photograph #50



Homogenous Material Description

HA-50: Black Plastic Wrapped Duct Insulation

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

95 SF

Additional Notes

Photograph #51



Homogenous Material Description

HA-51: Interior White Multi-Layer Window
Caulk

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

210 LF

Additional Notes

Photograph #52



Homogenous Material Description

HA-52: Interior Black Window Caulk

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

195 LF

Additional Notes

Photograph #53



Homogenous Material Description

HA-53: Styrofoam Wallboard Insulation

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

300 SF

Additional Notes

Photograph #54



Homogenous Material Description

HA-54: Accordion Dividing Wall

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

200 SF

Additional Notes

Photograph #55



Homogenous Material Description

HA-55: Interior Black Window Caulk Associated with Windows in Door Frames

Asbestos Present (Yes/No/Assumed)

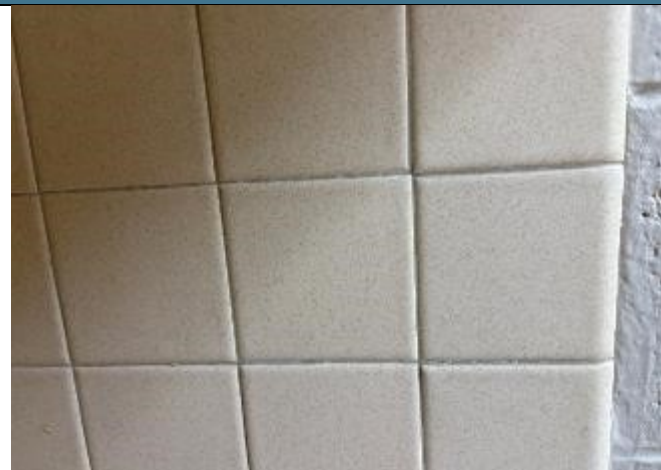
No

Total Quantity Present

75 LF

Additional Notes

Photograph #56



Homogenous Material Description

HA-56: 4" x 4" Beige Ceramic Shower Tile

Asbestos Present (Yes/No/Assumed)

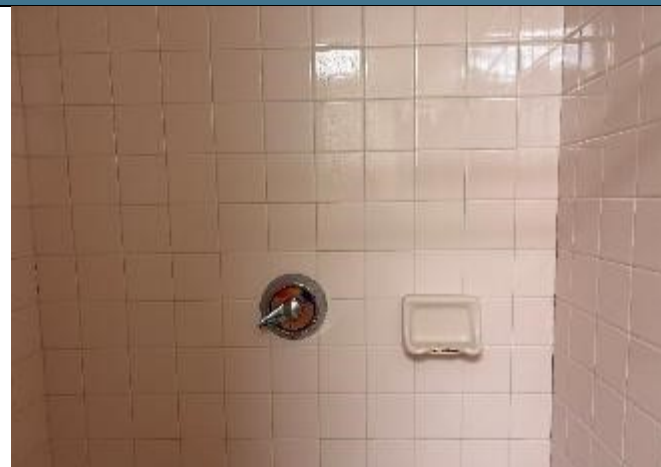
No

Total Quantity Present

250 SF

Additional Notes

Photograph #57



Homogenous Material Description

HA-57: 4" x 4" Pink Ceramic Shower Tile

Asbestos Present (Yes/No/Assumed)

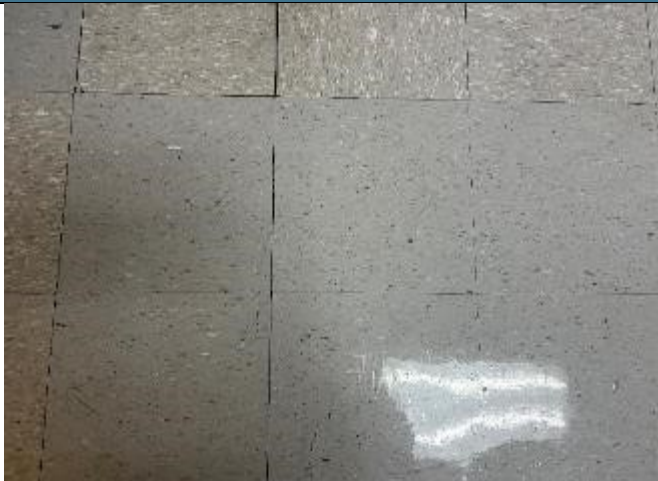
No

Total Quantity Present


80 SF

Additional Notes

Photograph #58

	Homogenous Material Description
	HA-58: 12" x 12" Light Blue with Dark Grey Streaks Floor Tile and Mastic
	Asbestos Present (Yes/No/Assumed)
	No
	Total Quantity Present
	10 SF
	Additional Notes

Photograph #59

	Homogenous Material Description
	HA-59: 4" Blue Cove Base and Adhesive
	Asbestos Present (Yes/No/Assumed)
	No
	Total Quantity Present
	60 LF
	Additional Notes

Photograph #60

	Homogenous Material Description
	HA-60: 6" x 6" Orange Ceramic Tile
	Asbestos Present (Yes/No/Assumed)
	Assumed
	Total Quantity Present
	160 SF
	Additional Notes

Photograph #61



Homogenous Material Description

HA-61: Interior, Orange, Door Window Caulk

Asbestos Present (Yes/No/Assumed)

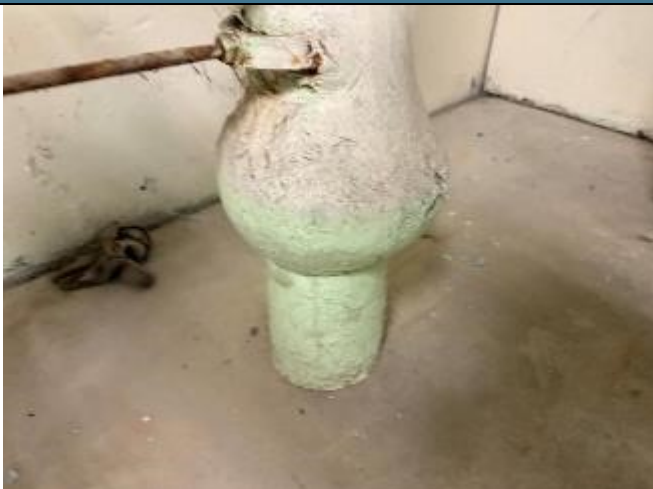
No

Total Quantity Present

10 LF

Additional Notes

Photograph #62



Homogenous Material Description

HA-62: Mudded Fittings Associated with Fiberglass Straight Pipe Insulation

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

1 EA

Additional Notes

Photograph #63



Homogenous Material Description

HA-63: Chimney Brick and Mortar

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

60 SF

Additional Notes

Photograph #64



Homogenous Material Description

HA-64: Black Weatherproofing

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

12 SF

Additional Notes

Photograph #65



Homogenous Material Description

HA-65: Green Spray-On Insulation

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

750 SF

Additional Notes

Photograph #66



Homogenous Material Description

HA-66: Interior Brown Firestop Caulk

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

6 SF

Additional Notes

Photograph #67



Homogenous Material Description

HA-67: Exterior Light Grey Cement Sidewalk
Caulk

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

150 LF

Additional Notes

Photograph #68



Homogenous Material Description

HA-68: Exterior Black Building Caulk

Asbestos Present (Yes/No/Assumed)

Point Count: 1.25% Chrysotile

Total Quantity Present

150 LF

Additional Notes

Photograph #69



Homogenous Material Description

HA-69: Exterior Medium Grey Metal Siding
Caulk

Asbestos Present (Yes/No/Assumed)

Point Count: 1.5% Chrysotile

Total Quantity Present

5 LF

Additional Notes

Photograph #70



Homogenous Material Description

HA-70: Exterior Red Fire-Stop Caulk

Asbestos Present (Yes/No/Assumed)

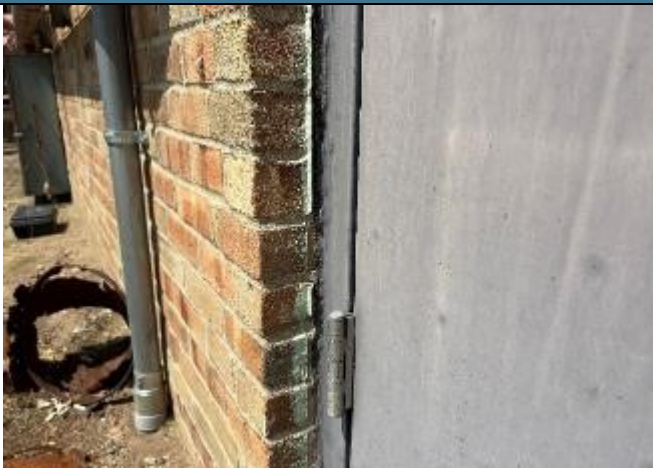
No

Total Quantity Present

1 SF

Additional Notes

Photograph #71



Homogenous Material Description

HA-71: Exterior Residual Grey Door Caulk

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

90 LF

Additional Notes

Photograph #72



Homogenous Material Description

HA-72: Exterior Black Window Caulk

Asbestos Present (Yes/No/Assumed)

Point Count: 1.25% Chrysotile

Total Quantity Present

300 LF

Additional Notes

Photograph #73



Homogenous Material Description

HA-73: Exterior Black Door Caulk

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

180 LF

Additional Notes

Photograph #74



Homogenous Material Description

HA-74: Exterior Cement Windowsills

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

85 SF

Additional Notes

Photograph #75



Homogenous Material Description

HA-75: Exterior Brick and Mortar

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

15,000 SF

Additional Notes

Photograph #76



Homogenous Material Description

HA-76: Exterior Brown Pipe Penetration Caulk

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

3 SF

Additional Notes

Photograph #77



Homogenous Material Description

HA-77: Exterior White Door Caulk

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

30 LF

Additional Notes

Photograph #78



Homogenous Material Description

HA-78: Exterior Dark Grey Cement Caulk

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

40 LF

Additional Notes

Photograph #79



Homogenous Material Description

HA-79: Exterior White Building Caulk

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

5 LF

Additional Notes

Photograph #80



Homogenous Material Description

HA-80: Outbuilding - Poured Concrete Floor

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

15,625 SF

Additional Notes

Photograph #81



Homogenous Material Description

HA-81: Outbuilding - Concrete Floor Expansion Joint

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

1,590 LF

Additional Notes

Photograph #82



Homogenous Material Description

HA-82: Outbuilding - CMU Block Wall

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

10,000 SF

Additional Notes

Photograph #83



Homogenous Material Description

HA-83: Outbuilding - CMU Block Wall
Expansion Joint

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

790 LF

Additional Notes

Photograph #84



Homogenous Material Description

HA-84: Outbuilding - Pink Spray-On Insulation

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

15,625 SF

Additional Notes

Photograph #85



Homogenous Material Description
HA-85: Outbuilding - Interior Grey Door Caulk
Asbestos Present (Yes/No/Assumed)
No
Total Quantity Present
130 LF
Additional Notes

Photograph #86



Homogenous Material Description
HA-86: Outbuilding - White Multi-layer Building Caulk
Asbestos Present (Yes/No/Assumed)
No
Total Quantity Present
60 LF
Additional Notes

Photograph #87



Homogenous Material Description
HA-87: Outbuilding - Brick and Mortar
Asbestos Present (Yes/No/Assumed)
No
Total Quantity Present
2,320 SF
Additional Notes

Photograph #88



Homogenous Material Description

HA-88: Outbuilding - Black Interior Window Caulk

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

20 LF

Additional Notes

Photograph #89



Homogenous Material Description

HA-89: Outbuilding - Interior Black Window Caulk

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

15 LF

Additional Notes

Photograph #90



Homogenous Material Description

HA-90: Outbuilding - Fiberglass Straight Pipe Insulation

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

210 LF

Additional Notes

Photograph #91



Homogenous Material Description

HA-91: Outbuilding - Wallboard System

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

2,600 SF

Additional Notes

Photograph #92



Homogenous Material Description

HA-92: Outbuilding - 12" x 12" Blue/Grey
Mottled Floor Tile and Mastic

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

60 SF

Additional Notes

Photograph #93



Homogenous Material Description

HA-93: Outbuilding - 4" Blue Cove Base and
Adhesive

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

32 LF

Additional Notes

Photograph #94



Homogenous Material Description

HA-94: Outbuilding – Heat Shield

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

1 EA

Additional Notes

Photograph #95



Homogenous Material Description

HA-95: Outbuilding - Interior White Plumbing Caulk

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

10 LF

Additional Notes

Photograph #96



Homogenous Material Description

HA-96: Outbuilding – Concrete Ceiling

Asbestos Present (Yes/No/Assumed)

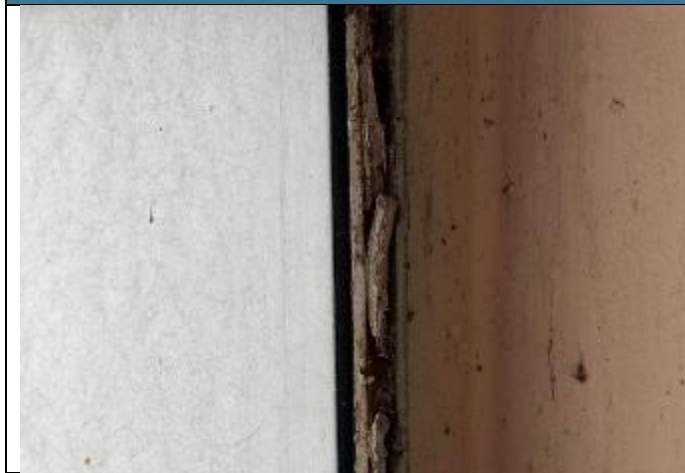
Assumed

Total Quantity Present

138 SF

Additional Notes

Photograph #97



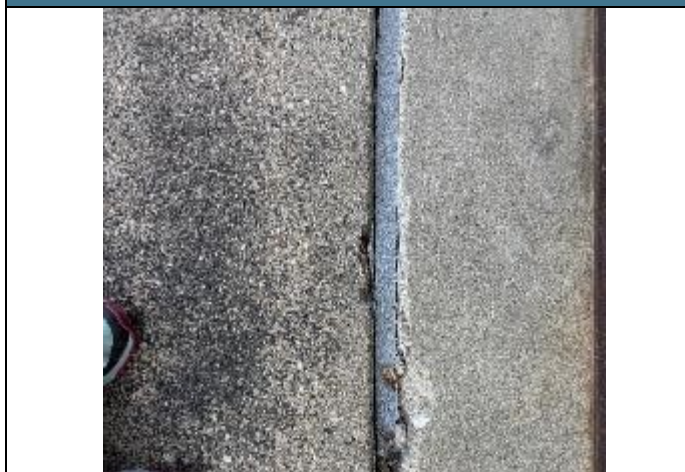
Homogenous Material Description
HA-97: Outbuilding - Interior Second Floor Window Glaze
Asbestos Present (Yes/No/Assumed)
Point Count: 1.75% Chrysotile
Total Quantity Present
260 LF
Additional Notes

Photograph #98



Homogenous Material Description
HA-98: Outbuilding - Brown Paper Roof Drain Insulation
Asbestos Present (Yes/No/Assumed)
No
Total Quantity Present
5 SF
Additional Notes

Photograph #99



Homogenous Material Description
HA-99: Outbuilding - Exterior Grey Cement Caulk
Asbestos Present (Yes/No/Assumed)
No
Total Quantity Present
150 LF
Additional Notes

Photograph #100



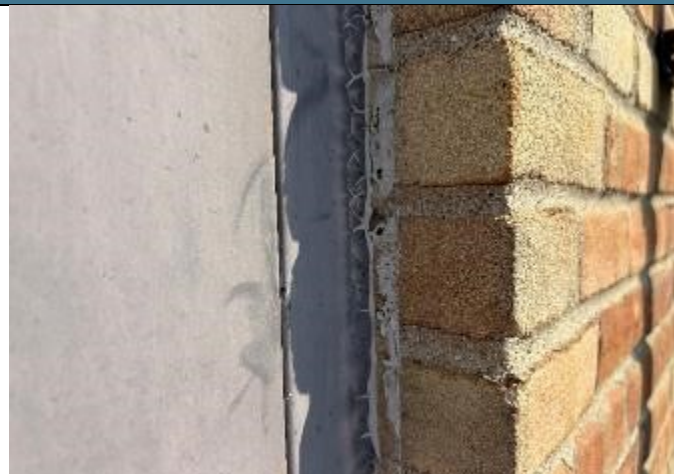
Homogenous Material Description
HA-100: Outbuilding - Exterior Brick and Mortar
Asbestos Present (Yes/No/Assumed)
No
Total Quantity Present
10,000 SF
Additional Notes

Photograph #101



Homogenous Material Description
HA-101: Outbuilding - Exterior Black Window Caulk
Asbestos Present (Yes/No/Assumed)
No
Total Quantity Present
15 LF
Additional Notes

Photograph #102



Homogenous Material Description
HA-102: Outbuilding - Exterior Multi-layer Door Caulk
Asbestos Present (Yes/No/Assumed)
No
Total Quantity Present
75 LF
Additional Notes

Photograph #103



Homogenous Material Description

HA-103: Outbuilding - Exterior Roof Tar

Asbestos Present (Yes/No/Assumed)

No

Total Quantity Present

15,635 SF

Additional Notes

Photograph #104

Homogenous Material Description

HA-104: Roofing Material




Asbestos Present (Yes/No/Assumed)




No

Total Quantity Present

27,000 SF

Additional Notes

Photograph #1	
	Homogenous Material Description
	HA-1: Grey Paint on Metal
	Asbestos Present (Yes/No/Assumed)
	Total Quantity Present
	Additional Notes
Photograph #2	
	Homogenous Material Description
	LPC-2: White Paint on Drywall
	Asbestos Present (Yes/No/Assumed)
	Total Quantity Present
	Additional Notes
Photograph #3	
	Homogenous Material Description
	LPC-3: Off-White Paint on CMU Block
	Asbestos Present (Yes/No/Assumed)
	Total Quantity Present
	Additional Notes

Photograph #4	
	Homogenous Material Description
	LPC-4: Yellow Paint on CMU Block
	Asbestos Present (Yes/No/Assumed)
	Total Quantity Present
	Additional Notes
Photograph #5	
	Homogenous Material Description
	LPC-5: Green Paint on Cement
	Asbestos Present (Yes/No/Assumed)
	Total Quantity Present
	Additional Notes
Photograph #6	
	Homogenous Material Description
	LPC-6: White Paint on Drywall
	Asbestos Present (Yes/No/Assumed)
	Total Quantity Present
	Additional Notes

Photograph #7



Homogenous Material Description

LPC-7: White Paint on Metal

Asbestos Present (Yes/No/Assumed)

Total Quantity Present

Additional Notes

Photograph #8



Homogenous Material Description

LPC-8: Red Paint on CMU Block

Asbestos Present (Yes/No/Assumed)

Total Quantity Present

Additional Notes

Photograph #9



Homogenous Material Description

LPC-9: Pink Paint on Drywall

Asbestos Present (Yes/No/Assumed)

Total Quantity Present

Additional Notes

Photograph #10



Homogenous Material Description

LPC-10: Pink Paint on CMU Block

Asbestos Present (Yes/No/Assumed)

Total Quantity Present

Additional Notes

Photograph #11



Homogenous Material Description

LPC-11: Pink Paint on Metal

Asbestos Present (Yes/No/Assumed)

Total Quantity Present

Additional Notes



APPENDIX C

ASBESTOS LABORATORY REPORT

ENVIRONMENTAL TESTING LABORATORIES, INC

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Bulk Asbestos Chain of Custody

ETL Project #: 279409

Client: Atlas Technical Consultants	Contact: Jennifer Fashbaugh	Project Location/name: STATE OF MICHIGAN - WATERFORD ARMORY
Address: 46555 Humboldt Dr. Ste. 100 Novi, MI 48377	Phone: 1-313-920-3943	Client Project #: 188BS25305
	Fax: 248-669-5147	
	E-mail: Jennifer.Fashbaugh@oneatlas.com	
Please Provide Results: <input checked="" type="checkbox"/> Email <input type="checkbox"/> Fax <input type="checkbox"/> Verbal <input type="checkbox"/> Other		Date Sampled: 6/4/2025

Turnaround Time (TAT): RUSH Same Day ☐ 24 hr ☐ 48 hr ☒ Standard (3-5 days) Other:

PLM Instructions

(Check all that apply)

<input checked="" type="checkbox"/> PLM EPA600/R-93/116, 1993 (Standard method)	<input checked="" type="checkbox"/> Stop at 1st Positive -
Point Counting: <input checked="" type="checkbox"/> 400 Points* <input type="checkbox"/> NYSDOH ELAP 198.1, 2002*	Clearly mark Homogenous Group
<input type="checkbox"/> Gravimetric Reduction* <input type="checkbox"/> NYSDOH ELAP 198.6, 2010*	
<input type="checkbox"/> PLM Non-Building Material (Dust, Wipe, Tape)	<input type="checkbox"/> Soil or Vermiculite Analysis*

* Additional charge and turnaround may be required

Lab ID	Sample ID	Material Description	Sample Location	Quantity
753	1-CC-A	Poured Concrete Floor	North Vestibule	
754	1-CC-B	Poured Concrete Floor	Room 111-Old Vault	
755	1-CC-C	Poured Concrete Floor	West Vestibule	
756	2-EJ-A	Concrete Floor Expansion Joint	Room 100 -Unit Storage, North/Center of Room	
757	2-EJ-B	Concrete Floor Expansion Joint	Room 100 -Unit Storage, West/Center of Room	
758	2-EJ-C	Concrete Floor Expansion Joint	Room 100 -Unit Storage - East Side of Room	

	Date	Time
Relinquished (Name/Organization): Rachel Kasnow Rachel Kasnow	6/5/2025	3PM PM
Received (Name/ETL):	6/6/25	11:50 am/pm
Sample Login (Name/ETL):	6/6/25	12:25 am/pm
Stereoscopical/Sample Analysis (Name/ETL):	6-11-25	1:58 am/pm
Results (Name/ETL):	6-11-25	1:58 am/pm
QA/QC Review (Name/ETL):	6-11-25	2:00 am/pm

Special Instructions: • 1st Positive Stop; • Composite all drywall/joint compound samples if any layer of system is greater than 1% asbestos; • Point Count ALL SAMPLES Trace to 3% asbestos content	Remarks
---	---------

**IN ORDER TO ENSURE RESULTS BY SPECIFIED TAT, THE LAB MUST BE EMAILED/CALLED WITH THE QUANTITY OF SAMPLES TO BE SHIPPED OR DROPPED OFF

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Lab ID	Sample ID	Material Description	Sample Location	Quantity
759	3-EJ-A	Concrete Floor, Soft, Grey Expansion Joint	Room 100 - Unit Storage, Near South Entrance	
760	3-EJ-B	Concrete Floor, Soft, Grey Expansion Joint	Room 100 - Unit Storage, West Wall	-
761	3-EJ-C	Concrete Floor, Soft, Grey Expansion Joint	Room 100 - Unit Storage, Center of Room	-
762	4-CMU-A	CMU Block Wall Mortar	Room 100 - Unit Storage, Near South Entrance	
763	4-CMU-B	CMU Block Wall Mortar	Room 103 - Mechanical Room	-
764	4-CMU-C	CMU Block Wall Mortar	Room 120 - Recruiter Office, West Wall	-
765	5-EJ-A	CMU Block Wall Expansion Joint	Room 100 - Unit Storage, South Wall	
766	5-EJ-B	CMU Block Wall Expansion Joint	Room 100 - Unit Storage, South Wall	-
767	5-EJ-C	CMU Block Wall Expansion Joint	Room 100 - Unit Storage, South Wall	-
768	6-IC-A	Interior Red Fire Stop Caulk	Room 117 - Mechanical Room, HVAC	
769	6-IC-B	Interior Red Fire Stop Caulk	Room 117 - Mechanical Room, HVAC	-
770	6-IC-C	Interior Red Fire Stop Caulk	Room 117 - Mechanical Room, HVAC	
771	7-IC-A	Interior Dark Grey Building Caulk	Room 100 - Unit Storage, Perimeter of Bay Garage Door	
772	7-IC-B	Interior Dark Grey Building Caulk	Room 114 - Storage, Entrance	-
773	7-IC-C	Interior Dark Grey Building Caulk	Room 115 - Special Weapons, Entrance	-
774	8-PI-A	Fiberglass Pipe Insulation	Room 103 - Mechanical Room, Near Ceiling	
775	8-PI-B	Fiberglass Pipe Insulation	Room 100 - Unit Storage, North Wall	
776	8-PI-C	Fiberglass Pipe Insulation	Room 140 - Women's Restroom, Above Ceiling Tile	-
777	9-SM-A	Yellow Painted White, Fluffy Spray-on Insulation	Room 100 - Unit Storage, North/Center of Room	
778	9-SM-B	Yellow Painted White, Fluffy Spray-on Insulation	Room 100 - Unit Storage, North/Center of Room	-
779	9-SM-C	Yellow Painted White, Fluffy Spray-on Insulation	Room 100 - Unit Storage, North/Center of Room	-
780	9-SM-D	Yellow Painted White, Fluffy Spray-on Insulation	Room 100 - Unit Storage, East/Center of Room	
781	9-SM-E	Yellow Painted White, Fluffy Spray-on Insulation	Room 100 - Unit Storage, East/Center of Room	-
782	11-PM-A	Interior Pinkish Brown Pipe Penetration Mud	Room 100 - Unit Storage, Near South Entrance	-
783	11-PM-B	Interior Pinkish Brown Pipe Penetration Mud	Room 119 - Electrical Closet, Southwest Corner at Ceiling	
784	11-PM-C	Interior Pinkish Brown Pipe Penetration Mud	Room 137 - Weapons Training, Metal Box on North Wall	-
785	13-IC-A	Interior Tan Brittle Door Caulk	Room 101 - Retired Shooting Range, North Entrance	-

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Lab ID	Sample ID	Material Description	Sample Location	Quantity
786	13-IC-B	Interior Tan Brittle Door Caulk	Room 101 - Retired Shooting Range, North Entrance	
787	13-IC-C	Interior Tan Brittle Door Caulk	Room 101 - Retired Shooting Range, North Entrance	-
788	14-IC-A	Interior Off-White Door Caulk	Room 101 - Retired Shooting Range, South Entrance	
789	14-IC-B	Interior Off-White Door Caulk	Room 104 - Janitors Closet, Entrance	
790	14-IC-C	Interior Off-White Door Caulk	Room 111 - Old Vault, Entrance	
791	15-PB-A	Pressboard Penetration Hole Filler	Room 101 - Retired Shooting Range, Southeast Corner	
792	15-PB-B	Pressboard Penetration Hole Filler	Room 101 - Retired Shooting Range, Southeast Corner	
793	15-PB-C	Pressboard Penetration Hole Filler	Room 101 - Retired Shooting Range, Southeast Corner	
794	16-PI-A	Packing Insultion	Room 101 - Retired Shooting Range, Southeast Corner	
795	16-PI-B	Packing Insultion	Room 101 - Retired Shooting Range, Southeast Corner	
796	16-PI-C	Packing Insultion	Room 101 - Retired Shooting Range, Southeast Corner	
797	17-CC-A	Concrete Ceiling	Room 101 - Retired Shooting Range, Ceiling Near South Entrance	
798	17-CC-B	Concrete Ceiling	Room 101 - Retired Shooting Range, Ceiling Near South Entrance	
799	17-CC-C	Concrete Ceiling	Room 101 - Retired Shooting Range, Ceiling Near South Entrance	
800	18-RT-B	Roofing Tar	Room 101 - Retired Shooting Range, Ceiling Near South Entrance	
801	18-RT-B	Roofing Tar	Room 101 - Retired Shooting Range, Ceiling Near South Entrance	
802	18-RT-C	Roofing Tar	Room 101 - Retired Shooting Range, Ceiling Near South Entrance	
803	19-CT-A	6" x 6" Tan Ceramic Floor Tile and Grout	Room 102-Food Storage, East Wall	
804	19-CT-B	6" x 6" Tan Ceramic Floor Tile and Grout	Room 106- Scullery, North Wall	
805	19-CT-C	6" x 6" Tan Ceramic Floor Tile and Grout	Room 106- Scullery, North Wall	
806	20-CTG-A	6" x 16" Grey Block Wall Grout	Room 107- Kitchen	
807	20-CTG-B	6" x 16" Grey Block Wall Grout	Room 107 - Kitchen	
808	20-CTG-C	6" x 16" Grey Block Wall Grout	Room 107- Kitchen	
809	21-IC-A	Interior Tan/Gold Building Caulk	Room 102- Food Storage, Southwest Corner	
810	21-IC-B	Interior Tan/Gold Building Caulk	Room 103 - Mechanical Room, Northeast Corner	
811	21-IC-C	Interior Tan/Gold Building Caulk	Room 120- Recruiting Office, Entrance (Hallway)	-
812	22-IC-A	Interior White Building Caulk	Room 102 - Food Storage, West Wall	-

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Lab ID	Sample ID	Material Description	Sample Location	Quantity
813	22-IC-B	Interior White Building Caulk	Room 122- Library, Northwest Corner	
814	22-IC-C	Interior White Building Caulk	Room 125 - Classroom, Northeast Corner	
815	23-IC-A	Interior Grey, Brittle Caulk	Room 103 - Mechanical Room, Entrance at Floor	
816	23-IC-B	Interior Grey, Brittle Caulk	Room 103 - Mechanical Room, Entrance at Floor	
817	23-IC-C	Interior Grey, Brittle Caulk	Room 103 - Mechanical Room, Entrance at Floor	
818	24-IC-A	Interior Brittle Multi-Layer Sink Caulk	Room 104 - Janitors Closet, Mop Sink	
819	24-IC-B	Interior Brittle Multi-Layer Sink Caulk	Room 104 - Janitors Closet, Mop Sink	
820	24-IC-C	Interior Brittle Multi-Layer Sink Caulk	Room 104 - Janitors Closet, Mop Sink	
821	25-CP-A	2' x 4' Ceiling Panel with Pinholes and Long Gouges	Room 104 - Janitor Closet	
822	25-CP-B	2' x 4' Ceiling Panel with Pinholes and Long Gouges	Room 104 - Janitor Closet	
823	25-CP-C	2' x 4' Ceiling Panel with Pinholes and Long Gouges	Room 104 - Janitor Closet	
824	26-HS-A	Heat Shield	Room 105- Restroom	
825	26-HS-B	Heat Shield	Room 104 - Restroom	
826	26-HS-C	Heat Shield	Room 104 - Restroom	
827	27-CT-A	4" Beige Speckled Cove Base Ceramic Floor Tile and Grout	Room 139 - Men's Restroom	
828	27-CT-B	4" Beige Speckled Cove Base Ceramic Floor Tile and Grout	Room 139 - Men's Restroom	
829	27-CT-C	4" Beige Speckled Cove Base Ceramic Floor Tile and Grout	Room 139 - Men's Restroom	
830	28-CT-A	1" x 1" Beige Ceramic Floor Tile and Grout	Room 139 - Men's Restroom	
831	28-CT-B	1" x 1" Beige Ceramic Floor Tile and Grout	Room 134 - Handicap Restroom	
832	28-CT-C	1" x 1" Beige Ceramic Floor Tile and Grout	Room 134 - Handicap Restroom	
833	29-IC-A	Interior White Plumbing Fixture Caulk	Room 104 - Restroom, Sink	
834	29-IC-B	Interior White Plumbing Fixture Caulk	Room 105- Restroom, Toilet	
835	29-IC-C	Interior White Plumbing Fixture Caulk	Room 134 - Handicap Restroom, Toilet	
836	30-CT-A	4" Pink Cove Base Ceramic Tile and Grout	Room 140 - Women's Restroom	
837	30-CT-B	4" Pink Cove Base Ceramic Tile and Grout	Room 140 - Women's Restroom	
838	30-CT-C	4" Pink Cove Base Ceramic Tile and Grout	Room 140 - Women's Restroom	
839	31-CTG	1" x 1" Off-White Ceramic Tile Floor Grout	Room 105 - Restroom	

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Lab ID	Sample ID	Material Description	Sample Location	Quantity
840	31-CTG-B	1" x 1" Off-White Ceramic Tile Floor Grout	Room 105 - Restroom	
841	31-CTG-C	1" x 1" Off-White Ceramic Tile Floor Grout	Room 105 - Restroom	
842	32-PA-A	Paper and Adhesive Under Plumbing Caulk	Room 105 - Restroom	
843	32-PA-B	Paper and Adhesive Under Plumbing Caulk	Room 105 - Restroom	
844	32-PA-C	Paper and Adhesive Under Plumbing Caulk	Room 105 - Restroom	
845	33-IC-A	Interior Light Grey Multi-layer Caulk	Room 106 - Scullery, North Entrance	
846	33-IC-B	Interior Light Grey Multi-layer Caulk	Room 106 - Scullery, North Entrance	
847	33-IC-C	Interior Light Grey Multi-layer Caulk	Room 106 - Scullery, North Entrance	
848	34-SU-A	Grey Sink Undercoating	Room 106 - Scullery, West Sink	
849	34-SU-B	Grey Sink Undercoating	Room 106 - Scullery, East Sink	
850	34-SU-C	Grey Sink Undercoating	Room 107 - Kitchen, East Sink	
851	35-CP-A	2' x 4' Ceiling Panel with Pinholes and Small Gouges	Room 120 - Recruiters Office	
852	35-CP-B	2' x 4' Ceiling Panel with Pinholes and Small Gouges	Room 124 - Storage	
853	35-CP-C	2' x 4' Ceiling Panel with Pinholes and Small Gouges	Room 145 - Office	
854	36-WBS-A	Wallboard System	Room 120 - Recruiters Office, West Wall	
855	36-WBS-B	Wallboard System	Room 124 - Storage, Northeast Corner	
856	36-WBS-C	Wallboard System	Room 145 - Office, South Wall	
857	37-BM-A	Interior Multi-Color Brick and Mortar	Room 148 - Open Office, East Wall	
858	37-BM-B	Interior Multi-Color Brick and Mortar	Room 148 - Open Office, East Wall	
859	37-BM-C	Interior Multi-Color Brick and Mortar	Room 148 - Open Office, East Wall	
860	38-CB-A	4" Grey Covebase and Adhesive	South Vestibule	
861	38-CB-B	4" Grey Covebase and Adhesive	South Main Corridor Near East Exit/Room 124-Storage	
862	38-CB-C	4" Grey Covebase and Adhesive	West Vestibule	
863	39-FT-A	12"x 12" Light Grey/Blue Mottled with White and Grey Streaks, Floor Tile and Mastic	South Main Corridor Near East Exit/Room 124-Storage	
864	39-FT-B	12"x 12" Light Grey/Blue Mottled with White and Grey Streaks, Floor Tile and Mastic	West Vestibule	
865	39-FT-C	12"x 12" Light Grey/Blue Mottled with White and Grey Streaks, Floor Tile and Mastic	Room 109 - Drill Hall	
866	40-FT-A	12" x 12" Blue/Grey Mottled with White Streaks, Floor Tile and Mastic	South Main Corridor Near Room 148 - Entrance	

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867	40-FT-B	12" x 12" Blue/Grey Mottled with White Streaks, Floor Tile and Mastic	Room 100 - Unit Storage, South Entrance	
868	40-FT-C	12" x 12" Blue/Grey Mottled with White Streaks, Floor Tile and Mastic	Room 101 - Retired Shooting Range, South Entrance	
869	41-FT-A	12" x 12" Blue Mottled Floor Tile and Mastic	North Vestibule	
870	41-FT-B	12" x 12" Blue Mottled Floor Tile and Mastic	North Vestibule	
871	41-FT-C	12" x 12" Blue Mottled Floor Tile and Mastic	North Vestibule	
872	42-FT-A	12" x 12" Light Grey Mottled with White and Grey Streaks, Floor Tile and Mastic	Room 109 - Drill Hall	
873	42-FT-B	12" x 12" Light Grey Mottled with White and Grey Streaks, Floor Tile and Mastic	Room 109 - Drill Hall	
874	42-FT-C	12" x 12" Light Grey Mottled with White and Grey Streaks, Floor Tile and Mastic	Room 109 - Drill Hall	
875	43-CC-A	Nailed in Cement Boards	Room 111 - Old Vault	
876	43-CC-B	Nailed in Cement Boards	Room 111 - Old Vault	
877	43-CC-C	Nailed in Cement Boards	Room 111 - Old Vault	
878	44-CB-A	4" Black Cove Base and Adhesive	Room 131 - Office, West Wall	
879	44-CB-B	4" Black Cove Base and Adhesive	Room 147 - Open Office, South Wall	
880	44-CB-C	4" Black Cove Base and Adhesive	Room 122 - Library, East Wall	
881	45-CM-A	Yellow Carpet Mastic	Room 114 - Storage	
882	45-CM-B	Yellow Carpet Mastic	Room 125 - Classroom	
883	45-CM-C	Yellow Carpet Mastic	Room 147 - Open Office	
884	46-CC-A	Concrete Wall	Room 137 - Weapons Training	
885	46-CC-B	Concrete Wall	Room 137 - Weapons Training	
886	46-CC-C	Concrete Wall	Room 137 - Weapons Training	
887	47-IC-A	Interior Light Grey Building Caulk	Room 121 - Office, Entrance	
888	47-IC-B	Interior Light Grey Building Caulk	Room 137 - Weapons Training, Entrance	
889	47-IC-C	Interior Light Grey Building Caulk	Room 128 - Office, Entrance	
890	48-SM-A	White Fluffy Spray-on Insulation	Room 120 - Recruiter Office	
891	48-SM-B	White Fluffy Spray-on Insulation	Room 124 - Storage	
892	48-SM-C	White Fluffy Spray-on Insulation	Room 125 - Classroom	
893	48-SM-D	White Fluffy Spray-on Insulation	Room 148 - Open Office	

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Lab ID	Sample ID	Material Description	Sample Location	Quantity
894	48-SM-E	White Fluffy Spray-on Insulation	Room 147 - Open Office	
895	48-SM-F	White Fluffy Spray-on Insulation	Room 116 - Storage	
896	48-SM-G	White Fluffy Spray-on Insulation	Room 110 - Chair and Table Storage	
897	49-DI-A	Silver Foil Wrapped Duct Insulation	Room 120 - Recruiters Office, Above Ceiling	
898	49-DI-B	Silver Foil Wrapped Duct Insulation	Room 128 - Office, Above Ceiling	
899	49-DI-C	Silver Foil Wrapped Duct Insulation	Room 124 - Storage, Above Ceiling	
900	50-DI-A	Black Plastic Wrapped Duct Insulation	Room 120 - Recruiters Office, Above Ceiling	
901	50-DI-B	Black Plastic Wrapped Duct Insulation	Room 126 - Office, Above Ceiling	
902	50-DI-C	Black Plastic Wrapped Duct Insulation	Room 133, Janitors Closet, Above Ceiling	
903	51-IC-A	Interior White Multi-layer Window Caulk	Room 147 - Open Office, West Window	
904	51-IC-B	Interior White Multi-layer Window Caulk	Room 132 - Open Office, West Window	
905	51-IC-C	Interior White Multi-layer Window Caulk	Room 125 - Classroom, East Window	
906	52-IC-A	Interior Black Window Caulk	Room 148 - Open Office, North Window	
907	52-IC-B	Interior Black Window Caulk	Room 147 - Open Office, West Window	
908	52-IC-C	Interior Black Window Caulk	Room 121 - Office, East Window	
909	53-SW-A	Styrofoam Wallboard Insulation	Room 124 - Storage, Above Ceiling and Behind Drywall	
910	53-SW-B	Styrofoam Wallboard Insulation	Room 124 - Storage, Above Ceiling and Behind Drywall	
911	53-SW-C	Styrofoam Wallboard Insulation	Room 124 - Storage, Above Ceiling and Behind Drywall	
912	54-AD-A	Accordion Dividing Wall	Room 125/Room 126 - Classroom	
913	54-AD-B	Accordion Dividing Wall	Room 125/Room 126 - Classroom	
914	54-AD-C	Accordion Dividing Wall	Room 125/Room 126 - Classroom	
915	55-IC-A	Interior Black Window Caulk Associated with Windows in Door Frames	Room 131 - Office, Hallway side of Window	
916	55-IC-B	Interior Black Window Caulk Associated with Windows in Door Frames	Room 151 - Office, Open Office Side of Window	
917	55-IC-C	Interior Black Window Caulk Associated with Windows in Door Frames	Room 147 - Office, Hallway side of Window	
918	56-CT-A	4" x 4" Beige Ceramic Shower Tile and Grout	Room 139 - Men's Restroom, Shower	
919	56-CT-B	4" x 4" Beige Ceramic Shower Tile and Grout	Room 139 - Men's Restroom, Shower	
920	56-CT-C	4" x 4" Beige Ceramic Shower Tile and Grout	Room 139 - Men's Restroom, Shower	

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Bulk Asbestos Chain of Custody

ETL Project #:

279409

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Lab ID	Sample ID	Material Description	Sample Location	Quantity
921	57-CT-A	4" x 4" Pink Ceramic Shower Tile and Grout	Room 140 - Women's Restroom, Shower	
922	57-CT-B	4" x 4" Pink Ceramic Shower Tile and Grout	Room 140 - Women's Restroom, Shower	
923	57-CT-C	4" x 4" Pink Ceramic Shower Tile and Grout	Room 140 - Women's Restroom, Shower	
924	58-FT-A	12" x 12" Light Blue with Dark Grey Streaks Floor Tile and Mastic	North Main Corridor Outside Room 147-Open Office	
925	58-FT-B	12" x 12" Light Blue with Dark Grey Streaks Floor Tile and Mastic	North Main Corridor Outside Room 147-Open Office	
926	58-FT-C	12" x 12" Light Blue with Dark Grey Streaks Floor Tile and Mastic	North Main Corridor Outside Room 147-Open Office	
927	59-CB-A	4" Blue Cove Base and Adhesive	Main Lobby	
928	59-CB-B	4" Blue Cove Base and Adhesive	Main Lobby	
929	59-CB-C	4" Blue Cove Base and Adhesive	Main Lobby	
930	61-IC-A	Interior, Orange, Door Window Caulk	South Main Lobby Interior Door Window	
931	61-IC-B	Interior, Orange, Door Window Caulk	South Main Lobby Interior Door Window	
932	61-IC-C	Interior, Orange, Door Window Caulk	South Main Lobby Interior Door Window	
933	62-PF-A	Mudded Fittings Associated with Fiberglass Straight Pipe Installation	Room 117 - Mechanical Room, Near Entrance	
934	62-PF-B	Mudded Fittings Associated with Fiberglass Straight Pipe Installation	Room 117 - Mechanical Room, Near Entrance	
935	62-PF-C	Mudded Fittings Associated with Fiberglass Straight Pipe Installation	Room 117 - Mechanical Room, Near Entrance	
936	63-CM-A	Chimney Brick and Mortar	Room 117 - Mechanical Room	
937	63-CM-B	Chimney Brick and Mortar	Room 117 - Mechanical Room	
938	63-CM-C	Chimney Brick and Mortar	Room 117 - Mechanical Room	
939	64-WP-A	Black Weatherproofing	Room 117 - Mechanical Room - Roof Access Hatch	
940	64-WP-B	Black Weatherproofing	Room 117 - Mechanical Room - Roof Access Hatch	
941	64-WP-C	Black Weatherproofing	Room 117 - Mechanical Room - Roof Access Hatch	
942	65-SM-A	Light Green Painted Spray-On Insulation	Room 117 - Mechanical Room	
943	65-SM-B	Light Green Painted Spray-On Insulation	Room 117 - Mechanical Room	
944	65-SM-C	Light Green Painted Spray-On Insulation	Room 119 - Electrical Closet	
945	66-IC-A	Interior Brown Firestop Caulk	Room 103 - Mechanical Room, Pipes at Ceiling	
946	66-IC-B	Interior Brown Firestop Caulk	Room 103 - Mechanical Room, Pipes at Ceiling	
947	66-IC-C	Interior Brown Firestop Caulk	Room 103 - Mechanical Room, Pipes at Ceiling	

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**Bulk Asbestos
Chain of Custody**

ETL Project #: 279409

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Lab ID	Sample ID	Material Description	Sample Location	Quantity
948	67-EC-A	Exterior Light Grey Cement Sidewalk Caulk	East Wall of Room 109 - Drill Hall	
949	67-EC-B	Exterior Light Grey Cement Sidewalk Caulk	South Wall of Room 111 - Old Vault	
950	67-EC-C	Exterior Light Grey Cement Sidewalk Caulk	East Wall of Room 124 - Storage	
951	68-EC-A	Exterior Black Building Caulk	Near Lobby Entrance	
952	68-EC-B	Exterior Black Building Caulk	East Wall of Room 109 - Drill Hall	
953	68-EC-C	Exterior Black Building Caulk	South Wall of Room 132 - Open Office	
954	69-EC-A	Exterior Medium Grey Metal Siding Caulk	Outside Light Near Room 117 - Mechanical Room	
955	69-EC-B	Exterior Medium Grey Metal Siding Caulk	Outside Light Near Room 117 - Mechanical Room	
956	69-EC-C	Exterior Medium Grey Metal Siding Caulk	Outside Light Near South Corridor Entrance	
957	70-EC-A	Exterior Red Fire-Stop Caulk	East Wall of Room 117 - Mechanical Room	
958	70-EC-B	Exterior Red Fire-Stop Caulk	East Wall of Room 117 - Mechanical Room	
959	70-EC-C	Exterior Red Fire-Stop Caulk	East Wall of Room 117 - Mechanical Room	
960	71-EC-A	Exterior Residual Grey Door Caulk	Main Lobby Entrance	
961	71-EC-B	Exterior Residual Grey Door Caulk	Room 117 - Mechanical Room Entranced	
962	71-EC-C	Exterior Residual Grey Door Caulk	Entrance to South Corridor	
963	72-EC-A	Exterior Black Window Caulk	West Window of Room 122 - Library	
964	72-EC-B	Exterior Black Window Caulk	Room 131 - Office Window	
965	72-EC-C	Exterior Black Window Caulk	Room 149 - Office Window	
966	73-EC-A	Exterior Black Door Caulk	Room 100 - Unit Storage Entrance	
967	73-EC-B	Exterior Black Door Caulk	Room 117 - Mechanical Room Entranced	
968	73-EC-C	Exterior Black Door Caulk	West Vestibule Entrance	
969	74-CC-A	Exterior Cement Windowsills	West Windowsill of Room 122 - Library	
970	74-CC-B	Exterior Cement Windowsills	West Windowsill of Room 122 - Library	
971	74-CC-C	Exterior Cement Windowsills	West Windowsill of Room 122 - Library	
972	75-BM-A	Exterior Brick and Mortar	Near West Window of Room 122 - Library	
973	75-BM-B	Exterior Brick and Mortar	Near West Window of Room 122 - Library	
974	75-BM-C	Exterior Brick and Mortar	Near West Window of Room 122 - Library	

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Lab ID	Sample ID	Material Description	Sample Location	Quantity
975	76-EC-A	Exterior Brown Pipe Penetration Caulk	Perimeter of Pipe Near West Vestibule Entrance	
976	76-EC-B	Exterior Brown Pipe Penetration Caulk	Perimeter of Pipe Northeast Corner of Building	
977	76-EC-C	Exterior Brown Pipe Penetration Caulk	Perimeter of Pipe on North Side of Building Near Ground	
978	77-EC-A	Exterior White Door Caulk	Room 103 - Mechanical Room Entrance	
979	77-EC-B	Exterior White Door Caulk	Room 106 - Scullery Entrance	
980	77-EC-C	Exterior White Door Caulk	Room 106 - Scullery Entrance	
981	78-EC-A	Exterior Dark Grey Cement Caulk	Sidewalk Outside South Main Entrance	
982	78-EC-B	Exterior Dark Grey Cement Caulk	Sidewalk Outside West Main Entrance	
983	78-EC-C	Exterior Dark Grey Cement Caulk	Sidewalk Outside West Main Entrance	
984	79-EC-A	Exterior White Building Caulk	Northeast Corner of Building - Seam of Metal Siding Perimeter of Roof	
985	79-EC-B	Exterior White Building Caulk	Northeast Corner of Building - Seam of Metal Siding Perimeter of Roof	
986	79-EC-C	Exterior White Building Caulk	Northeast Corner of Building - Seam of Metal Siding Perimeter of Roof	
987	80-CC-A	Outbuilding - Poured Concrete Floor	Outbuilding - Entrance to North Office	
988	80-CC-B	Outbuilding - Poured Concrete Floor	Outbuilding - Entrance to North Office	
989	80-CC-C	Outbuilding - Poured Concrete Floor	Outbuilding - Entrance to North Office	
990	81-EJ-A	Outbuilding - Concrete Floor Expansion Joint	Outbuilding - Perimeter of South Office	
991	81-EJ-B	Outbuilding - Concrete Floor Expansion Joint	Outbuilding - Perimeter of North Office	
992	81-EJ-C	Outbuilding - Concrete Floor Expansion Joint	Outbuilding - Perimeter of Building Support Beam	
993	82-CMU-A	Outbuilding - CMU Block Wall	Outbuilding - Near East Entrance	
994	82-CMU-B	Outbuilding - CMU Block Wall	Outbuilding - Near East Entrance	
995	82-CMU-C	Outbuilding - CMU Block Wall	Outbuilding - Near East Entrance	
996	83-EJ-A	Outbuilding - CMU Block Wall Expansion Joint	Outbuilding - Building Seam of Second Floor Loft Space	
997	83-EJ-B	Outbuilding - CMU Block Wall Expansion Joint	Outbuilding - Building Seam of Second Floor Loft Space	
998	83-EJ-C	Outbuilding - CMU Block Wall Expansion Joint	Outbuilding - Building Seam of Second Floor Loft Space	
999	84-SM-A	Outbuilding - Pink Painted Spray-On Insulation	Outbuilding - Second Floor Loft Space	
7990 000	84-SM-B	Outbuilding - Pink Painted Spray-On Insulation	Outbuilding - Second Floor Loft Space	
001	84-SM-C	Outbuilding - Pink Painted Spray-On Insulation	Outbuilding - Second Floor Loft Space	

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Lab ID	Sample ID	Material Description	Sample Location	Quantity
002	84-SM-D	Outbuilding - Pink Painted Siding On Insulation	Outbuilding - Second Floor Loft Space	
003	84-SM-E	Outbuilding - Pink Painted Siding On Insulation	Outbuilding - Second Floor Loft Space	
004	85-IC-A	Outbuilding - Interior Grey Door Caulk	Outbuilding - South Office Entrance	
005	85-IC-B	Outbuilding - Interior Grey Door Caulk	Outbuilding - South Office Entrance	
006	85-IC-C	Outbuilding - Interior Grey Door Caulk	Outbuilding - North Office Entrance	
007	86-IC-A	Outbuilding - White Multi-layer Building Caulk	Outbuilding - Building Seam of South Office	
008	86-IC-B	Outbuilding - White Multi-layer Building Caulk	Outbuilding - Perimeter of South Office Window	
009	86-IC-C	Outbuilding - White Multi-layer Building Caulk	Outbuilding - Building Seam of North Office	
010	87-BM-A	Outbuilding - Brick and Mortar	Outbuilding - Near South Office Entrance	
011	87-BM-B	Outbuilding - Brick and Mortar	Outbuilding - Near South Office Entrance	
012	87-BM-C	Outbuilding - Brick and Mortar	Outbuilding - Near South Office Entrance	
013	88-IC-A	Outbuilding - Black Interior Window Interior Caulk	Outbuilding - Interior Perimeter of South Office Window Associated with Door	
014	88-IC-B	Outbuilding - Black Interior Window Interior Caulk	Outbuilding - Interior Perimeter of South Office Window Associated with Door	
015	88-IC-C	Outbuilding - Black Interior Window Interior Caulk	Outbuilding - Interior Perimeter of South Office Window Associated with Door	
016	89-IC-A	Outbuilding - Interior Black Window Caulk	Outbuilding - Perimeter of South Office Window	
017	89-IC-B	Outbuilding - Interior Black Window Caulk	Outbuilding - Perimeter of Restroom Window	
018	89-IC-C	Outbuilding - Interior Black Window Caulk	Outbuilding - Perimeter of Restroom Window	
019	90-PI-A	Outbuilding - Fiberglass Straight Pipe Insulation	Outbuilding - Near Closet Entrance	
020	90-PI-B	Outbuilding - Fiberglass Straight Pipe Insulation	Outbuilding - Second Floor Loft Space	
021	90-PI-C	Outbuilding - Fiberglass Straight Pipe Insulation	Outbuilding - Second Floor Loft Space	
022	91-WBS-A	Outbuilding - Wallboard System	Outbuilding - Open Garage Space Southwest Corner	
023	91-WBS-B	Outbuilding - Wallboard System	Outbuilding - Open Garage Space Southwest Corner	
024	91-WBS-C	Outbuilding - Wallboard System	Outbuilding - Second Floor Loft Space	
025	92-FT-A	Outbuilding - 12" x 12" Blue/Grey Mottled Floor Tile and Mastic	Outbuilding - Restroom	
026	92-FT-B	Outbuilding - 12" x 12" Blue/Grey Mottled Floor Tile and Mastic	Outbuilding - Restroom	
027	92-FT-C	Outbuilding - 12" x 12" Blue/Grey Mottled Floor Tile and Mastic	Outbuilding - Restroom	
028	93-CB-A	Outbuilding - 4" Blue Cove Base and Adhesive	Outbuilding - Restroom	

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Bulk Asbestos Chain of Custody

ETL Project #:

279409

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Lab ID	Sample ID	Material Description	Sample Location	Quantity
029	93-CB-B	Outbuilding - 4" Blue Cove Base and Adhesive	Outbuilding - Restroom	
030	93-CB-C	Outbuilding - 4" Blue Cove Base and Adhesive	Outbuilding - Restroom	
031	94-HS-A	Outbuilding - Heatshield	Outbuilding - Restroom	
032	94-HS-B	Outbuilding - Heatshield	Outbuilding - Restroom	
033	94-HS-C	Outbuilding - Heatshield	Outbuilding - Restroom	
034	95-IC-A	Outbuilding - Interior White Plumbing Caulk	Outbuilding - Restroom	
035	95-IC-B	Outbuilding - Interior White Plumbing Caulk	Outbuilding - Restroom	
036	95-IC-C	Outbuilding - Interior White Plumbing Caulk	Outbuilding - Restroom	
037	97-WG	Outbuilding - Interior Second Floor Window Glaze	Outbuilding - Second Floor Loft Space Windows	
038	97-WG-B	Outbuilding - Interior Second Floor Window Glaze	Outbuilding - Second Floor Loft Space Windows	
039	97-WG-C	Outbuilding - Interior Second Floor Window Glaze	Outbuilding - Second Floor Loft Space Windows	
040	98-DI-A	Outbuilding - Brown Paper Roof Drain Insulation	Outbuilding - Second Floor Loft Space	
041	98-DI-B	Outbuilding - Brown Paper Roof Drain Insulation	Outbuilding - Second Floor Loft Space	
042	98-DI-C	Outbuilding - Brown Paper Roof Drain Insulation	Outbuilding - Second Floor Loft Space	
043	99-EC-A	Outbuilding - Exterior Grey Cement Caulk	Outbuilding - Near Bay Garage Door Entrance	
044	99-EC-B	Outbuilding - Exterior Grey Cement Caulk	Outbuilding - Near Bay Garage Door Entrance	
045	99-EC-C	Outbuilding - Exterior Grey Cement Caulk	Outbuilding - Near Bay Garage Door Entrance	
046	100-BM-A	Outbuilding - Exterior Brick and Mortar	Outbuilding - East Exterior Wall	
047	100-BM-B	Outbuilding - Exterior Brick and Mortar	Outbuilding - West Exterior Wall	
048	100-BM-C	Outbuilding - Exterior Brick and Mortar	Outbuilding - East Exterior Wall	
049	101-EC-A	Outbuilding - Exterior Black Window Caulk	Outbuilding - South Office Window	
050	101-EC-B	Outbuilding - Exterior Black Window Caulk	Outbuilding - South Office Window	
051	101-EC-C	Outbuilding - Exterior Black Window Caulk	Outbuilding - South Office Window	
052	102-EC-A	Outbuilding - Exterior Multi-layer Door Caulk	Outbuilding - East Garage Entrance	
053	102-EC-B	Outbuilding - Exterior Multi-layer Door Caulk	Outbuilding - South Office Exterior Entrance	
054	102-EC-C	Outbuilding - Exterior Multi-layer Door Caulk	Outbuilding - North Office Exterior Entrance	
055	103-RT-A	Outbuilding - Exterior Roof Tar	Outbuilding - Second Floor Loft Space Dripping Down Roof Pipes	

Bulk Asbestos Chain of Custody

279409

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Bulk Asbestos Chain of Custody

279400

[illegible]



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To: Atlas - Novi
46555 Humboldt Dr. Suite 100
Novi, Michigan 48377

ETL Job: 279409
Client Project: 188BS25305

Attention: Jennifer Fashbaugh
Project Location: Waterford Armory
State of Michigan

Lab Sample Number	Client Sample Number	Sample Type	Completed
1795753	1-CC-A	Asbestos	06/10/2025
1795754	1-CC-B	Asbestos	06/10/2025
1795755	1-CC-C	Asbestos	06/10/2025
1795756	2-EJ-A	Asbestos	06/10/2025
1795757	2-EJ-B	Asbestos	06/10/2025
1795758	2-EJ-C	Asbestos	06/10/2025
1795759	3-EJ-A	Asbestos	06/10/2025
1795760	3-EJ-B	Asbestos	06/10/2025
1795761	3-EJ-C	Asbestos	06/10/2025
1795762	4-CMU-A	Asbestos	06/10/2025
1795763	4-CMU-B	Asbestos	06/10/2025
1795764	4-CMU-C	Asbestos	06/10/2025
1795765	5-EJ-A	Asbestos	06/10/2025
1795766	5-EJ-B	Asbestos	06/10/2025
1795767	5-EJ-C	Asbestos	06/10/2025
1795768	6-IC-A	Asbestos	06/10/2025

Lab Sample Number	Client Sample Number	Sample Type	Completed
1795769	6-IC-B	Asbestos	06/10/2025
1795770	6-IC-C	Asbestos	06/10/2025
1795771	7-IC-A	Asbestos	06/10/2025
1795772	7-IC-B	Asbestos	06/10/2025
1795773	7-IC-C	Asbestos	06/10/2025
1795774	8-PI-A	Asbestos	06/10/2025
1795775	8-PI-B	Asbestos	06/10/2025
1795776	8-PI-C	Asbestos	06/10/2025
1795777	9-SM-A	Asbestos	06/10/2025
1795778	9-SM-B	Asbestos	06/10/2025
1795779	9-SM-C	Asbestos	06/10/2025
1795780	9-SM-D	Asbestos	06/10/2025
1795781	9-SM-E	Asbestos	06/10/2025
1795782	11-PM-A	Asbestos	06/10/2025
1795783	11-PM-B	Asbestos	06/10/2025
1795784	11-PM-C	Asbestos	06/10/2025
1795785	13-IC-A	Asbestos	06/10/2025
1795786	13-IC-B	Asbestos	06/10/2025
1795787	13-IC-C	Asbestos	06/10/2025
1795788	14-IC-A	Asbestos	06/10/2025
1795789	14-IC-B	Asbestos	06/10/2025
1795790	14-IC-C	Asbestos	06/10/2025
1795791	15-PB-A	Asbestos	06/10/2025
1795792	15-PB-B	Asbestos	06/10/2025
1795793	15-PB-C	Asbestos	06/10/2025
1795794	16-PI-A	Asbestos	06/10/2025

Lab Sample Number	Client Sample Number	Sample Type	Completed
1795795	16-PI-B	Asbestos	06/10/2025
1795796	16-PI-C	Asbestos	06/10/2025
1795797	17-CC-A	Asbestos	06/10/2025
1795798	17-CC-B	Asbestos	06/10/2025
1795799	17-CC-C	Asbestos	06/10/2025
1795800	18-RT-A	Asbestos	06/10/2025
1795801	18-RT-B	Asbestos	06/10/2025
1795802	18-RT-C	Asbestos	06/10/2025
1795803	19-CT-A	Asbestos	06/10/2025
1795804	19-CT-B	Asbestos	06/10/2025
1795805	19-CT-C	Asbestos	06/10/2025
1795806	20-CTG-A	Asbestos	06/10/2025
1795807	20-CTG-B	Asbestos	06/10/2025
1795808	20-CTG-C	Asbestos	06/10/2025
1795809	21-IC-A	Asbestos	06/10/2025
1795810	21-IC-B	Asbestos	06/10/2025
1795811	21-IC-C	Asbestos	06/10/2025
1795812	22-IC-A	Asbestos	06/10/2025
1795813	22-IC-B	Asbestos	06/10/2025
1795814	22-IC-C	Asbestos	06/10/2025
1795815	23-IC-A	Asbestos	06/10/2025
1795816	23-IC-B	Asbestos	06/10/2025
1795817	23-IC-C	Asbestos	06/10/2025
1795818	24-IC-A	Asbestos	06/10/2025
1795819	24-IC-B	Asbestos	06/10/2025
1795820	24-IC-C	Asbestos	06/10/2025

Lab Sample Number	Client Sample Number	Sample Type	Completed
1795821	25-CP-A	Asbestos	06/10/2025
1795822	25-CP-B	Asbestos	06/10/2025
1795823	25-CP-C	Asbestos	06/10/2025
1795824	26-HS-A	Asbestos	06/10/2025
1795825	26-HS-B	Asbestos	06/10/2025
1795826	26-HS-C	Asbestos	06/10/2025
1795827	27-CT-A	Asbestos	06/10/2025
1795828	27-CT-B	Asbestos	06/10/2025
1795829	27-CT-C	Asbestos	06/10/2025
1795830	28-CT-A	Asbestos	06/10/2025
1795831	28-CT-B	Asbestos	06/10/2025
1795832	28-CT-C	Asbestos	06/10/2025
1795833	29-IC-A	Asbestos	06/10/2025
1795834	29-IC-B	Asbestos	06/10/2025
1795835	29-IC-C	Asbestos	06/10/2025
1795836	30-CT-A	Asbestos	06/10/2025
1795837	30-CT-B	Asbestos	06/10/2025
1795838	30-CT-C	Asbestos	06/10/2025
1795839	31-CTG-A	Asbestos	06/10/2025
1795840	31-CTG-B	Asbestos	06/10/2025
1795841	31-CTG-C	Asbestos	06/10/2025
1795842	32-PA-A	Asbestos	06/10/2025
1795843	32-PA-B	Asbestos	06/10/2025
1795844	32-PA-C	Asbestos	06/10/2025
1795845	33-IC-A	Asbestos	06/10/2025
1795846	33-IC-B	Asbestos	06/10/2025

Lab Sample Number	Client Sample Number	Sample Type	Completed
1795847	33-IC-C	Asbestos	06/10/2025
1795848	34-SU-A	Asbestos	06/10/2025
1795849	34-SU-B	Asbestos	06/10/2025
1795850	34-SU-C	Asbestos	06/10/2025
1795851	35-CP-A	Asbestos	06/10/2025
1795852	35-CP-B	Asbestos	06/10/2025
1795853	35-CP-C	Asbestos	06/10/2025
1795854	36-WBS-A	Asbestos	06/10/2025
1795855	36-WBS-B	Asbestos	06/10/2025
1795856	36-WBS-C	Asbestos	06/10/2025
1795857	37-BM-A	Asbestos	06/10/2025
1795858	37-BM-B	Asbestos	06/10/2025
1795859	37-BM-C	Asbestos	06/10/2025
1795860	38-CB-A	Asbestos	06/10/2025
1795861	38-CB-B	Asbestos	06/10/2025
1795862	38-CB-C	Asbestos	06/10/2025
1795863	39-FT-A	Asbestos	06/10/2025
1795864	39-FT-B	Asbestos	06/10/2025
1795865	39-FT-C	Asbestos	06/10/2025
1795866	40-FT-A	Asbestos	06/10/2025
1795867	40-FT-B	Asbestos	06/10/2025
1795868	40-FT-C	Asbestos	06/10/2025
1795869	41-FT-A	Asbestos	06/10/2025
1795870	41-FT-B	Asbestos	06/10/2025
1795871	41-FT-C	Asbestos	06/10/2025
1795872	42-FT-A	Asbestos	06/10/2025

Lab Sample Number	Client Sample Number	Sample Type	Completed
1795873	42-FT-B	Asbestos	06/10/2025
1795874	42-FT-C	Asbestos	06/10/2025
1795875	43-CC-A	Asbestos	06/10/2025
1795876	43-CC-B	Asbestos	06/10/2025
1795877	43-CC-C	Asbestos	06/10/2025
1795878	44-CB-A	Asbestos	06/10/2025
1795879	44-CB-B	Asbestos	06/10/2025
1795880	44-CB-C	Asbestos	06/10/2025
1795881	45-CM-A	Asbestos	06/10/2025
1795882	45-CM-B	Asbestos	06/10/2025
1795883	45-CM-C	Asbestos	06/10/2025
1795884	46-CC-A	Asbestos	06/10/2025
1795885	46-CC-B	Asbestos	06/10/2025
1795886	46-CC-C	Asbestos	06/10/2025
1795887	47-IC-A	Asbestos	06/10/2025
1795888	47-IC-B	Asbestos	06/10/2025
1795889	47-IC-C	Asbestos	06/10/2025
1795890	48-SM-A	Asbestos	06/10/2025
1795891	48-SM-B	Asbestos	06/10/2025
1795892	48-SM-C	Asbestos	06/10/2025
1795893	48-SM-D	Asbestos	06/10/2025
1795894	48-SM-E	Asbestos	06/10/2025
1795895	48-SM-F	Asbestos	06/10/2025
1795896	48-SM-G	Asbestos	06/10/2025
1795897	49-DI-A	Asbestos	06/10/2025
1795898	49-DI-B	Asbestos	06/10/2025

Lab Sample Number	Client Sample Number	Sample Type	Completed
1795899	49-DI-C	Asbestos	06/10/2025
1795900	50-DI-A	Asbestos	06/10/2025
1795901	50-DI-B	Asbestos	06/10/2025
1795902	50-DI-C	Asbestos	06/10/2025
1795903	51-IC-A	Asbestos	06/10/2025
1795904	51-IC-B	Asbestos	06/10/2025
1795905	51-IC-C	Asbestos	06/10/2025
1795906	52-IC-A	Asbestos	06/10/2025
1795907	52-IC-B	Asbestos	06/10/2025
1795908	52-IC-C	Asbestos	06/10/2025
1795909	53-SW-A	Asbestos	06/10/2025
1795910	53-SW-B	Asbestos	06/10/2025
1795911	53-SW-C	Asbestos	06/10/2025
1795912	54-AD-A	Asbestos	06/10/2025
1795913	54-AD-B	Asbestos	06/10/2025
1795914	54-AD-C	Asbestos	06/10/2025
1795915	55-IC-A	Asbestos	06/10/2025
1795916	55-IC-B	Asbestos	06/10/2025
1795917	55-IC-C	Asbestos	06/10/2025
1795918	56-CT-A	Asbestos	06/10/2025
1795919	56-CT-B	Asbestos	06/10/2025
1795920	56-CT-C	Asbestos	06/10/2025
1795921	57-CT-A	Asbestos	06/10/2025
1795922	57-CT-B	Asbestos	06/10/2025
1795923	57-CT-C	Asbestos	06/10/2025
1795924	58-FT-A	Asbestos	06/10/2025

Lab Sample Number	Client Sample Number	Sample Type	Completed
1795925	58-FT-B	Asbestos	06/10/2025
1795926	58-FT-C	Asbestos	06/10/2025
1795927	59-CB-A	Asbestos	06/10/2025
1795928	59-CB-B	Asbestos	06/10/2025
1795929	59-CB-C	Asbestos	06/10/2025
1795930	61-IC-A	Asbestos	06/10/2025
1795931	61-IC-B	Asbestos	06/10/2025
1795932	61-IC-C	Asbestos	06/10/2025
1795933	62-PF-A	Asbestos	06/11/2025
1795934	62-PF-B	Asbestos	06/11/2025
1795935	62-PF-C	Asbestos	06/11/2025
1795936	63-CM-A	Asbestos	06/11/2025
1795937	63-CM-B	Asbestos	06/11/2025
1795938	63-CM-C	Asbestos	06/11/2025
1795939	64-WP-A	Asbestos	06/11/2025
1795940	64-WP-B	Asbestos	06/11/2025
1795941	64-WP-C	Asbestos	06/11/2025
1795942	65-SM-A	Asbestos	06/11/2025
1795943	65-SM-B	Asbestos	06/11/2025
1795944	65-SM-C	Asbestos	06/11/2025
1795945	66-IC-A	Asbestos	06/11/2025
1795946	66-IC-B	Asbestos	06/11/2025
1795947	66-IC-C	Asbestos	06/11/2025
1795948	67-EC-A	Asbestos	06/11/2025
1795949	67-EC-B	Asbestos	06/11/2025
1795950	67-EC-C	Asbestos	06/11/2025

Lab Sample Number	Client Sample Number	Sample Type	Completed
1795951	68-EC-A	Asbestos	06/11/2025
1795952	68-EC-B	Asbestos	06/11/2025
1795953	68-EC-C	Asbestos	06/11/2025
1795954	69-EC-A	Asbestos	06/11/2025
1795955	69-EC-B	Asbestos	06/11/2025
1795956	69-EC-C	Asbestos	06/11/2025
1795957	70-EC-A	Asbestos	06/11/2025
1795958	70-EC-B	Asbestos	06/11/2025
1795959	70-EC-C	Asbestos	06/11/2025
1795960	71-EC-A	Asbestos	06/11/2025
1795961	71-EC-B	Asbestos	06/11/2025
1795962	71-EC-C	Asbestos	06/11/2025
1795963	72-EC-A	Asbestos	06/11/2025
1795964	72-EC-B	Asbestos	06/11/2025
1795965	72-EC-C	Asbestos	06/11/2025
1795966	73-EC-A	Asbestos	06/11/2025
1795967	73-EC-B	Asbestos	06/11/2025
1795968	73-EC-C	Asbestos	06/11/2025
1795969	74-CC-A	Asbestos	06/11/2025
1795970	74-CC-B	Asbestos	06/11/2025
1795971	74-CC-C	Asbestos	06/11/2025
1795972	75-BM-A	Asbestos	06/11/2025
1795973	75-BM-B	Asbestos	06/11/2025
1795974	75-BM-C	Asbestos	06/11/2025
1795975	76-EC-A	Asbestos	06/11/2025
1795976	76-EC-B	Asbestos	06/11/2025

Lab Sample Number	Client Sample Number	Sample Type	Completed
1795977	76-EC-C	Asbestos	06/11/2025
1795978	77-EC-A	Asbestos	06/11/2025
1795979	77-EC-B	Asbestos	06/11/2025
1795980	77-EC-C	Asbestos	06/11/2025
1795981	78-EC-A	Asbestos	06/11/2025
1795982	78-EC-B	Asbestos	06/11/2025
1795983	78-EC-C	Asbestos	06/11/2025
1795984	79-EC-A	Asbestos	06/11/2025
1795985	79-EC-B	Asbestos	06/11/2025
1795986	79-EC-C	Asbestos	06/11/2025
1795987	80-CC-A	Asbestos	06/11/2025
1795988	80-CC-B	Asbestos	06/11/2025
1795989	80-CC-C	Asbestos	06/11/2025
1795990	81-EJ-A	Asbestos	06/11/2025
1795991	81-EJ-B	Asbestos	06/11/2025
1795992	81-EJ-C	Asbestos	06/11/2025
1795993	82-CMU-A	Asbestos	06/11/2025
1795994	82-CMU-B	Asbestos	06/11/2025
1795995	82-CMU-C	Asbestos	06/11/2025
1795996	83-EJ-A	Asbestos	06/11/2025
1795997	83-EJ-B	Asbestos	06/11/2025
1795998	83-EJ-C	Asbestos	06/11/2025
1795999	84-SM-A	Asbestos	06/11/2025
1796000	84-SM-B	Asbestos	06/11/2025
1796001	84-SM-C	Asbestos	06/11/2025
1796004	85-IC-A	Asbestos	06/11/2025

Lab Sample Number	Client Sample Number	Sample Type	Completed
1796005	85-IC-B	Asbestos	06/11/2025
1796006	85-IC-C	Asbestos	06/11/2025
1796007	86-IC-A	Asbestos	06/11/2025
1796008	86-IC-B	Asbestos	06/11/2025
1796009	86-IC-C	Asbestos	06/11/2025
1796010	87-BM-A	Asbestos	06/11/2025
1796011	87-BM-B	Asbestos	06/11/2025
1796012	87-BM-C	Asbestos	06/11/2025
1796013	88-IC-A	Asbestos	06/11/2025
1796014	88-IC-B	Asbestos	06/11/2025
1796015	88-IC-C	Asbestos	06/11/2025
1796016	89-IC-A	Asbestos	06/11/2025
1796017	89-IC-B	Asbestos	06/11/2025
1796018	89-IC-C	Asbestos	06/11/2025
1796019	90-PI-A	Asbestos	06/11/2025
1796020	90-PI-B	Asbestos	06/11/2025
1796021	90-PI-C	Asbestos	06/11/2025
1796022	91-WBS-A	Asbestos	06/11/2025
1796023	91-WBS-B	Asbestos	06/11/2025
1796024	91-WBS-C	Asbestos	06/11/2025
1796025	92-FT-A	Asbestos	06/11/2025
1796026	92-FT-B	Asbestos	06/11/2025
1796027	92-FT-C	Asbestos	06/11/2025
1796028	93-CB-A	Asbestos	06/11/2025
1796029	93-CB-B	Asbestos	06/11/2025
1796030	93-CB-C	Asbestos	06/11/2025

Lab Sample Number	Client Sample Number	Sample Type	Completed
1796031	94-HS-A	Asbestos	06/11/2025
1796032	94-HS-B	Asbestos	06/11/2025
1796033	94-HS-C	Asbestos	06/11/2025
1796034	95-IC-A	Asbestos	06/11/2025
1796035	95-IC-B	Asbestos	06/11/2025
1796036	95-IC-C	Asbestos	06/11/2025
1796037	97-WG-A	Asbestos	06/11/2025
1796038	97-WG-B	Asbestos	06/11/2025
1796039	97-WG-C	Asbestos	06/11/2025
1796040	98-DI-A	Asbestos	06/11/2025
1796041	98-DI-B	Asbestos	06/11/2025
1796042	98-DI-C	Asbestos	06/11/2025
1796043	99-EC-A	Asbestos	06/11/2025
1796044	99-EC-B	Asbestos	06/11/2025
1796045	99-EC-C	Asbestos	06/11/2025
1796046	100-BM-A	Asbestos	06/11/2025
1796047	100-BM-B	Asbestos	06/11/2025
1796048	100-BM-C	Asbestos	06/11/2025
1796049	101-EC-A	Asbestos	06/11/2025
1796050	101-EC-B	Asbestos	06/11/2025
1796051	101-EC-C	Asbestos	06/11/2025
1796052	102-EC-A	Asbestos	06/11/2025
1796053	102-EC-B	Asbestos	06/11/2025
1796054	102-EC-C	Asbestos	06/11/2025
1796055	103-RT-A	Asbestos	06/11/2025
1796056	103-RT-B	Asbestos	06/11/2025

Lab Sample Number	Client Sample Number	Sample Type	Completed
1796057	103-RT-C	Asbestos	06/11/2025
1796058	104-RM-A	Asbestos	06/11/2025
1796059	104-RM-B	Asbestos	06/11/2025
1796060	104-RM-C	Asbestos	06/11/2025

Reviewed by: 
Dawson Bradley

<u>Summary</u>			
Method	Sample	Layer	Mastic
PLM	371	39	
Point Count	5		

Polarized Light Microscopy Asbestos Analysis Report

To : Atlas - Novi
 46555 Humboldt Dr. Suite 100
 Novi, Michigan 48377

Location : Waterford Armory
 State of Michigan

ETL Job : 279409

Client Project : 188BS25305

Date Collected : 06/04/2025

Date Received : 06/06/2025

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795753 1-CC-A	Poured Concrete Floor	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected

Layer-1 Analyst: Erica Marcos
 Date Analyzed : 06/10/2025

1795754 1-CC-B	Poured Concrete Floor	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
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Layer-1 Analyst: Erica Marcos
 Date Analyzed : 06/10/2025

1795755 1-CC-C	Poured Concrete Floor	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
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Layer-1 Analyst: Erica Marcos
 Date Analyzed : 06/10/2025

1795756 2-EJ-A	Concrete Floor Expansion Joint	Brown Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
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Layer-1 Analyst: Erica Marcos
 Date Analyzed : 06/10/2025

1795756 2-EJ-A	Tacky Material	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
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Layer-2 Analyst: Erica Marcos
 Date Analyzed : 06/10/2025

Polarized Light Microscopy Asbestos Analysis Report

To : Atlas - Novi
46555 Humboldt Dr. Suite 100
Novi, Michigan 48377

Location : Waterford Armory
State of Michigan

ETL Job : 279409
Client Project : 188BS25305
Date Collected : 06/04/2025
Date Received : 06/06/2025

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795757 2-EJ-B	Concrete Floor Expansion Joint	Brown Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Erica Marcos Date Analyzed : 06/10/2025					
1795757 2-EJ-B	Tacky Material	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-2 Analyst: Erica Marcos Date Analyzed : 06/10/2025					
1795758 2-EJ-C	Concrete Floor Expansion Joint	Brown Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Erica Marcos Date Analyzed : 06/10/2025					
1795758 2-EJ-C	Tacky Material	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-2 Analyst: Erica Marcos Date Analyzed : 06/10/2025					
1795759 3-EJ-A	Concrete Floor Expansion Joint	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Erica Marcos Date Analyzed : 06/10/2025					

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State of Michigan

ETL Job : 279409

Client Project : 188BS25305

Date Collected : 06/04/2025

Date Received : 06/06/2025

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795760 3-EJ-B		Layer Missing			
Layer-1 Analyst: Erica Marcos Date Analyzed : 06/10/2025 Layer Not Analyzed					
1795760 3-EJ-B	Concrete Floor Expansion Joint	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Erica Marcos Date Analyzed : 06/10/2025					
1795761 3-EJ-C		Layer Missing			
Layer-1 Analyst: Erica Marcos Date Analyzed : 06/10/2025 Layer Not Analyzed					
1795761 3-EJ-C	Concrete Floor Expansion Joint	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Erica Marcos Date Analyzed : 06/10/2025					
1795762 4-CMU-A	CMU Block Wall Mortar	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Erica Marcos Date Analyzed : 06/10/2025					
1795763 4-CMU-B	CMU Block Wall Mortar	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Erica Marcos Date Analyzed : 06/10/2025					

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Novi, Michigan 48377

Location : Waterford Armory
State of Michigan

ETL Job : 279409
Client Project : 188BS25305
Date Collected : 06/04/2025
Date Received : 06/06/2025

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795764 4-CMU-C	CMU Block Wall Mortar	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected

Layer-1 Analyst: Erica Marcos
Date Analyzed : 06/10/2025

1795765 5-EJ-A	CMU Block Wall Expansion Joint	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
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Layer-1 Analyst: Erica Marcos
Date Analyzed : 06/10/2025

1795765 5-EJ-A	Rubbery Material	Black Non-Fibrous Homogenous	PLM 3% Cellulose	PLM 97% Other	PLM None Detected
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Layer-2 Analyst: Erica Marcos
Date Analyzed : 06/10/2025

1795766 5-EJ-B	CMU Block Wall Expansion Joint	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
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Layer-1 Analyst: Erica Marcos
Date Analyzed : 06/10/2025

1795766 5-EJ-B	Rubbery Material	Black Non-Fibrous Homogenous	PLM 3% Cellulose	PLM 97% Other	PLM None Detected
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Layer-2 Analyst: Erica Marcos
Date Analyzed : 06/10/2025

Polarized Light Microscopy Asbestos Analysis Report

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Novi, Michigan 48377

Location : Waterford Armory
State of Michigan

ETL Job : 279409
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Date Received : 06/06/2025

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795767 5-EJ-C	CMU Block Wall Expansion Joint	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Erica Marcos Date Analyzed : 06/10/2025					
1795767 5-EJ-C	Rubbery Material	Black Non-Fibrous Homogenous	PLM 3% Cellulose	PLM 97% Other	PLM None Detected
Layer-2 Analyst: Erica Marcos Date Analyzed : 06/10/2025					
1795768 6-IC-A	Interior Caulk	Red Non-Fibrous Homogenous	PLM Trace Cellulose PLM 2% Other fibrous	PLM 98% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795769 6-IC-B	Interior Caulk	Red Non-Fibrous Homogenous	PLM Trace Cellulose PLM 2% Other fibrous	PLM 98% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795770 6-IC-C	Interior Caulk	Red Non-Fibrous Homogenous	PLM Trace Cellulose PLM 2% Other fibrous	PLM 98% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795771 7-IC-A	Interior Caulk	Dark Grey Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					

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State of Michigan

ETL Job : 279409

Client Project : 188BS25305

Date Collected : 06/04/2025

Date Received : 06/06/2025

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795772 7-IC-B	Interior Caulk	Dark Grey Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected

Layer-1 Analyst: Ben Jones
Date Analyzed : 06/10/2025

1795773 7-IC-C	Interior Caulk	Dark Grey Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
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Layer-1 Analyst: Ben Jones
Date Analyzed : 06/10/2025

1795774 8-PI-A	Pipe Insulation	Yellow Fibrous Homogenous	PLM 92% Fiberglass	PLM 8% Other	PLM None Detected
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Layer-1 Analyst: Ben Jones
Date Analyzed : 06/10/2025

1795774 8-PI-A	Paper Backing	Tan Fibrous Homogenous	PLM 82% Cellulose	PLM 18% Other	PLM None Detected
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Layer-2 Analyst: Ben Jones
Date Analyzed : 06/10/2025

1795774 8-PI-A	Fibrous Material	White Fibrous Homogenous	PLM 93% Other fibrous	PLM 7% Other	PLM None Detected
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Layer-3 Analyst: Ben Jones
Date Analyzed : 06/10/2025

Polarized Light Microscopy Asbestos Analysis Report

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 Novi, Michigan 48377

Location : Waterford Armory
 State of Michigan

ETL Job : 279409

Client Project : 188BS25305

Date Collected : 06/04/2025

Date Received : 06/06/2025

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795775 8-PI-B	Pipe Insulation	Yellow Fibrous Homogenous	PLM 92% Fiberglass	PLM 8% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795775 8-PI-B	Paper Backing	Tan Fibrous Homogenous	PLM 82% Cellulose	PLM 18% Other	PLM None Detected
Layer-2 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795775 8-PI-B	Fibrous Material	White Fibrous Homogenous	PLM 93% Other fibrous	PLM 7% Other	PLM None Detected
Layer-3 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795776 8-PI-C	Pipe Insulation	Yellow Fibrous Homogenous	PLM 92% Fiberglass	PLM 8% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795776 8-PI-C	Paper Backing	Tan Fibrous Homogenous	PLM 82% Cellulose	PLM 18% Other	PLM None Detected
Layer-2 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795776 8-PI-C	Fibrous Material	White Fibrous Homogenous	PLM 93% Other fibrous	PLM 7% Other	PLM None Detected
Layer-3 Analyst: Ben Jones Date Analyzed : 06/10/2025					

Polarized Light Microscopy Asbestos Analysis Report

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Location : Waterford Armory
State of Michigan

ETL Job : 279409

Client Project : 188BS25305

Date Collected : 06/04/2025

Date Received : 06/06/2025

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795777 9-SM-A	Spray-On Insulation	Yellow / White Fibrous Homogenous	PLM 97% Other fibrous PLM Trace Cellulose	PLM 3% Other	PLM None Detected

Layer-1 Analyst: Ben Jones
Date Analyzed : 06/10/2025

1795778 9-SM-B	Spray-On Insulation	Yellow / White Fibrous Homogenous	PLM 97% Other fibrous PLM Trace Cellulose	PLM 3% Other	PLM None Detected
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Layer-1 Analyst: Ben Jones
Date Analyzed : 06/10/2025

1795779 9-SM-C	Spray-On Insulation	Yellow / White Fibrous Homogenous	PLM 97% Other fibrous PLM Trace Cellulose	PLM 3% Other	PLM None Detected
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Layer-1 Analyst: Ben Jones
Date Analyzed : 06/10/2025

1795780 9-SM-D	Spray-On Insulation	Yellow / White Fibrous Homogenous	PLM 97% Other fibrous PLM Trace Cellulose	PLM 3% Other	PLM None Detected
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Layer-1 Analyst: Ben Jones
Date Analyzed : 06/10/2025

1795781 9-SM-E	Spray-On Insulation	Yellow / White Fibrous Homogenous	PLM 97% Other fibrous PLM Trace Cellulose	PLM 3% Other	PLM None Detected
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Layer-1 Analyst: Ben Jones
Date Analyzed : 06/10/2025

1795782 11-PM-A	Penetration Mud	Pinkish Brown Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
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Layer-1 Analyst: Ben Jones
Date Analyzed : 06/10/2025

Polarized Light Microscopy Asbestos Analysis Report

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Novi, Michigan 48377

Location : Waterford Armory
State of Michigan

ETL Job : 279409
Client Project : 188BS25305
Date Collected : 06/04/2025
Date Received : 06/06/2025

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795783 11-PM-B	Penetration Mud	Pinkish Brown Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795784 11-PM-C	Penetration Mud	Pinkish Brown Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795784 11-PM-C	Fibrous Material	Tan Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-2 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795785 13-IC-A	Interior Caulk	Tan Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795786 13-IC-B	Interior Caulk	Tan Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795787 13-IC-C	Interior Caulk	Tan Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					

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Location : Waterford Armory
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ETL Job : 279409

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Date Collected : 06/04/2025

Date Received : 06/06/2025

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795788 14-IC-A	Interior Caulk	Off-White Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected

Layer-1 Analyst: Ben Jones
 Date Analyzed : 06/10/2025

1795789 14-IC-B	Interior Caulk	Off-White Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
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Layer-1 Analyst: Ben Jones
 Date Analyzed : 06/10/2025

1795790 14-IC-C	Interior Caulk	Off-White Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
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Layer-1 Analyst: Ben Jones
 Date Analyzed : 06/10/2025

1795791 15-PB-A	Pressboard Hole Filler	Brown Fibrous Homogenous	PLM 94% Cellulose	PLM 6% Other	PLM None Detected
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Layer-1 Analyst: Ben Jones
 Date Analyzed : 06/10/2025

1795792 15-PB-B	Pressboard Hole Filler	Brown Fibrous Homogenous	PLM 94% Cellulose	PLM 6% Other	PLM None Detected
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Layer-1 Analyst: Ben Jones
 Date Analyzed : 06/10/2025

1795793 15-PB-C	Pressboard Hole Filler	Brown Fibrous Homogenous	PLM 94% Cellulose	PLM 6% Other	PLM None Detected
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Layer-1 Analyst: Ben Jones
 Date Analyzed : 06/10/2025

Polarized Light Microscopy Asbestos Analysis Report

To : Atlas - Novi
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 Novi, Michigan 48377

Location : Waterford Armory
 State of Michigan

ETL Job : 279409
Client Project : 188BS25305
Date Collected : 06/04/2025
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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795794 16-PI-A	Packing Insulation	White Fibrous Homogenous	PLM 40% Cellulose	PLM 60% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795795 16-PI-B	Packing Insulation	White Fibrous Homogenous	PLM 40% Cellulose	PLM 60% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795796 16-PI-C	Packing Insulation	White Fibrous Homogenous	PLM 40% Cellulose	PLM 60% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795797 17-CC-A	Concrete Ceiling	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795798 17-CC-B	Concrete Ceiling	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795798 17-CC-B	Fibrous Material	White Fibrous Homogenous	PLM 80% Fiberglass	PLM 20% Other	PLM None Detected
Layer-2 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795799 17-CC-C	Concrete Ceiling	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected

Layer-1 Analyst: Teagan Murphy
Date Analyzed : 06/10/2025

1795799
17-CC-C

Layer Missing

Layer-2 Analyst: Teagan Murphy
Date Analyzed : 06/10/2025

Layer Not Analyzed

1795800 18-RT-A	Roofing Tar	Black Non-Fibrous Homogenous		PC 98.5% Other	PC 1.5% Chrysotile
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Layer-1 Analyst: Teagan Murphy
Date Analyzed : 06/10/2025

1795801
18-RT-B

Positive Stop

Layer-1 Analyst: Teagan Murphy
Date Analyzed : 06/10/2025

Layer Not Analyzed

1795802
18-RT-C

Positive Stop

Layer-1 Analyst: Teagan Murphy
Date Analyzed : 06/10/2025

Layer Not Analyzed



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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795803 19-CT-A	Ceramic Floor Tile	Tan Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795803 19-CT-A	Grout	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795804 19-CT-B	Ceramic Floor Tile	Tan Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795804 19-CT-B	Grout	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795804 19-CT-B	Mortar	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-3 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795805 19-CT-C	Ceramic Floor Tile	Tan Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795805 19-CT-C	Grout	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795805 19-CT-C	Mortar	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-3 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795806 20-CTG-A	Block Wall Grout	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795807 20-CTG-B	Block Wall Grout	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795808 20-CTG-C	Block Wall Grout	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795809 21-IC-A	Interior Building Caulk	Tan/Gold Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795810 21-IC-B	Interior Building Caulk	Tan/Gold Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795811 21-IC-C	Interior Building Caulk	Tan/Gold Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795812 22-IC-A	Interior Building Caulk	White Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795813 22-IC-B	Interior Building Caulk	White Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795814 22-IC-C	Interior Building Caulk	White Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Chris Canilao Date Analyzed : 06/10/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795815 23-IC-A	Interior Caulk	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected

Layer-1 Analyst: Chris Canilao
Date Analyzed : 06/10/2025

1795816 23-IC-B	Interior Caulk	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
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Layer-1 Analyst: Chris Canilao
Date Analyzed : 06/10/2025

1795817 23-IC-C	Interior Caulk	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
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Layer-1 Analyst: Chris Canilao
Date Analyzed : 06/10/2025

1795818 24-IC-A	Interior Sink Caulk	Black/White Non-Fibrous Non-Homogenous	PLM 10% Cellulose	PLM 90% Other	PLM None Detected
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Layer-1 Analyst: Chris Canilao
Date Analyzed : 06/10/2025

With Caulk

1795819 24-IC-B	Interior Sink Caulk	Black/White Non-Fibrous Non-Homogenous	PLM 10% Cellulose	PLM 90% Other	PLM None Detected
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Layer-1 Analyst: Chris Canilao
Date Analyzed : 06/10/2025

With Caulk

1795820 24-IC-C	Interior Sink Caulk	Black/White Non-Fibrous Non-Homogenous	PLM 10% Cellulose	PLM 90% Other	PLM None Detected
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Layer-1 Analyst: Chris Canilao
Date Analyzed : 06/10/2025

With Caulk

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795821 25-CP-A	Ceiling Panel	Gray Fibrous Homogenous	PLM 70% Cellulose PLM 20% Mineral wool	PLM 10% Other	PLM None Detected
Layer-1 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795822 25-CP-B	Ceiling Panel	Gray Fibrous Homogenous	PLM 70% Cellulose PLM 20% Mineral wool	PLM 10% Other	PLM None Detected
Layer-1 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795823 25-CP-C	Ceiling Panel	Gray Fibrous Homogenous	PLM 70% Cellulose PLM 20% Mineral wool	PLM 10% Other	PLM None Detected
Layer-1 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795824 26-HS-A	Heat Shield	White Fibrous Homogenous	PLM Trace Cellulose PLM 98% Fiberglass	PLM 2% Other	PLM None Detected
Layer-1 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795825 26-HS-B	Heat Shield	White Fibrous Homogenous	PLM Trace Cellulose PLM 98% Fiberglass	PLM 2% Other	PLM None Detected
Layer-1 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795826 26-HS-C	Heat Shield	White Fibrous Homogenous	PLM Trace Cellulose PLM 98% Fiberglass	PLM 2% Other	PLM None Detected
Layer-1 Analyst: Chris Canilao Date Analyzed : 06/10/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795827 27-CT-A	Ceramic Floor Tile	Beige Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795827 27-CT-A	Grout	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-2 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795828 27-CT-B	Ceramic Floor Tile	Beige Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795828 27-CT-B	Grout	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-2 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795829 27-CT-C	Ceramic Floor Tile	Beige Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795829 27-CT-C	Grout	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-2 Analyst: Chris Canilao Date Analyzed : 06/10/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795830 28-CT-A	Ceramic Floor Tile	Beige Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795830 28-CT-A		Insufficient Material			
Layer-2 Analyst: Chris Canilao Date Analyzed : 06/10/2025 Layer Not Analyzed					
1795831 28-CT-B	Ceramic Floor Tile	Beige Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795831 28-CT-B	Grout	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-2 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795832 28-CT-C	Ceramic Floor Tile	Beige Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795832 28-CT-C	Grout	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-2 Analyst: Chris Canilao Date Analyzed : 06/10/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795833 29-IC-A	Plumbing Fixture Caulk	White Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected

Layer-1 Analyst: Chris Canilao
 Date Analyzed : 06/10/2025

1795834 29-IC-B	Plumbing Fixture Caulk	White Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
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Layer-1 Analyst: Chris Canilao
 Date Analyzed : 06/10/2025

1795835 29-IC-C	Plumbing Fixture Caulk	White Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
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Layer-1 Analyst: Chris Canilao
 Date Analyzed : 06/10/2025

1795836 30-CT-A	Ceramic Tile	Pink Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
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Layer-1 Analyst: Chris Canilao
 Date Analyzed : 06/10/2025

1795836 30-CT-A	Grout	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
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Layer-2 Analyst: Chris Canilao
 Date Analyzed : 06/10/2025

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795837 30-CT-B	Ceramic Tile	Pink Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795837 30-CT-B	Grout	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-2 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795838 30-CT-C	Ceramic Tile	Pink Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795838 30-CT-C	Grout	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-2 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795839 31-CTG-A	Ceramic Tile Grout	Off-White Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795840 31-CTG-B	Ceramic Tile Grout	Off-White Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795841 31-CTG-C	Ceramic Tile Grout	Off-White Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795842 32-PA-A	Paper	Beige Fibrous Non-Homogenous	PLM 84% Cellulose	PLM 16% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025 With Adhesive					
1795843 32-PA-B	Paper	Beige Fibrous Non-Homogenous	PLM 84% Cellulose	PLM 16% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025 With Adhesive					
1795844 32-PA-C	Paper	Beige Fibrous Non-Homogenous	PLM 84% Cellulose	PLM 16% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025 With Adhesive					
1795845 33-IC-A	Interior Caulk	Gray / Cream Non-Fibrous Non-Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025 With Caulk					
1795846 33-IC-B	Interior Caulk	Gray / Cream Non-Fibrous Non-Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025 With Caulk					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795847 33-IC-C	Interior Caulk	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795848 34-SU-A	Sink Undercoating	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795849 34-SU-B	Sink Undercoating	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795850 34-SU-C	Sink Undercoating	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795851 35-CP-A	Ceiling Panel	White Fibrous Homogenous	PLM 91% Cellulose	PLM 9% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795852 35-CP-B	Ceiling Panel	White Fibrous Homogenous	PLM 91% Cellulose	PLM 9% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795853 35-CP-C	Ceiling Panel	White Fibrous Homogenous	PLM 91% Cellulose	PLM 9% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795854 36-WBS-A	Wallboard System	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795854 36-WBS-A	Joint Compound	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795854 36-WBS-A	Tape	White Fibrous Homogenous	PLM 100% Cellulose		PLM None Detected
Layer-3 Analyst: Tia Ray Date Analyzed : 06/10/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795855 36-WBS-B	Wallboard System	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795855 36-WBS-B	Joint Compound	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795855 36-WBS-B	Tape	White Fibrous Homogenous	PLM 100% Cellulose		PLM None Detected
Layer-3 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795856 36-WBS-C	Wallboard System	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795856 36-WBS-C	Joint Compound	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795856 36-WBS-C	Tape	White Fibrous Homogenous	PLM 100% Cellulose		PLM None Detected
Layer-3 Analyst: Tia Ray Date Analyzed : 06/10/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795857 37-BM-A	Brick	Multi-Color Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795857 37-BM-A	Mortar	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795858 37-BM-B	Brick	Multi-Color Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795858 37-BM-B	Mortar	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795859 37-BM-C	Brick	Multi-Color Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795859 37-BM-C	Mortar	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/10/2025					

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Novi, Michigan 48377

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795860 38-CB-A	Cove Base	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795860 38-CB-A	Adhesive	Tan Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795861 38-CB-B	Cove Base	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795861 38-CB-B	Adhesive	Tan Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795862 38-CB-C	Cove Base	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795862 38-CB-C	Adhesive	Tan Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/10/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795863 39-FT-A	Floor Tile	Light Grey/Blue Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795863 39-FT-A	Mastic	Black Non-Fibrous Homogenous	PLM 3% Cellulose	PLM 97% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795864 39-FT-B	Floor Tile	Light Grey/Blue Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795864 39-FT-B	Mastic	Black Non-Fibrous Homogenous	PLM 3% Cellulose	PLM 97% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795865 39-FT-C	Floor Tile	Light Grey/Blue Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795865 39-FT-C	Mastic	Black Non-Fibrous Homogenous	PLM 3% Cellulose	PLM 97% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/10/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795866 40-FT-A	Floor Tile	Blue/Grey Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795866 40-FT-A	Mastic	Brown Non-Fibrous Homogenous	PLM 3% Cellulose	PLM 97% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795867 40-FT-B	Floor Tile	Blue/Grey Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795867 40-FT-B	Mastic	Brown Non-Fibrous Homogenous	PLM 3% Cellulose	PLM 97% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795868 40-FT-C	Floor Tile	Blue/Grey Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795868 40-FT-C	Mastic	Brown Non-Fibrous Homogenous	PLM 3% Cellulose	PLM 97% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/10/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795869 41-FT-A	Floor Tile	Blue Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795869 41-FT-A	Mastic	Black/Yellow Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-2 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795870 41-FT-B	Floor Tile	Blue Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795870 41-FT-B	Mastic	Black/Yellow Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-2 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795871 41-FT-C	Floor Tile	Blue Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795871 41-FT-C	Mastic	Black/Yellow Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-2 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795872 42-FT-A	Floor Tile	Light Gray/White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795872 42-FT-A	Mastic	Yellow Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-2 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795873 42-FT-B	Floor Tile	Light Gray/White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795873 42-FT-B	Mastic	Yellow Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-2 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795874 42-FT-C	Floor Tile	Light Gray/White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795874 42-FT-C	Mastic	Yellow Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-2 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795875 43-CC-A	Cement Board	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					

1795876 43-CC-B	Cement Board	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					

1795877 43-CC-C	Cement Board	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					

1795878 44-CB-A	Cove Base	Black Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					

1795878 44-CB-A	Adhesive	Yellow Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795879 44-CB-B	Cove Base	Black Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795879 44-CB-B	Adhesive	Yellow Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795880 44-CB-C	Cove Base	Black Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795880 44-CB-C	Adhesive	Yellow Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795881 45-CM-A	Carpet Mastic	Yellow Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795882 45-CM-B	Carpet Mastic	Yellow Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795883 45-CM-C	Carpet Mastic	Yellow Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/10/2025					
1795884 46-CC-A	Concrete Wall	Gray Non-Fibrous Homogenous	PLM 3% Cellulose	PLM 97% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795885 46-CC-B	Concrete Wall	Gray Non-Fibrous Homogenous	PLM 3% Cellulose	PLM 97% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795886 46-CC-C	Concrete Wall	Gray Non-Fibrous Homogenous	PLM 3% Cellulose	PLM 97% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795887 47-IC-A	Interior Caulk	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795888 47-IC-B	Interior Caulk	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795889 47-IC-C	Interior Caulk	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected

Layer-1 Analyst: Ben Jones
Date Analyzed : 06/10/2025

1795890 48-SM-A	Spray-On Insulation	White Non-Fibrous Homogenous	PLM Trace Cellulose PLM 93% Fiberglass	PLM 7% Other	PLM None Detected
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Layer-1 Analyst: Ben Jones
Date Analyzed : 06/10/2025

1795891 48-SM-B	Spray-On Insulation	White Non-Fibrous Homogenous	PLM Trace Cellulose PLM 93% Fiberglass	PLM 7% Other	PLM None Detected
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Layer-1 Analyst: Ben Jones
Date Analyzed : 06/10/2025

1795892 48-SM-C	Spray-On Insulation	White Non-Fibrous Homogenous	PLM Trace Cellulose PLM 93% Fiberglass	PLM 7% Other	PLM None Detected
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Layer-1 Analyst: Ben Jones
Date Analyzed : 06/10/2025

1795893 48-SM-D	Spray-On Insulation	White Non-Fibrous Homogenous	PLM Trace Cellulose PLM 93% Fiberglass	PLM 7% Other	PLM None Detected
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Layer-1 Analyst: Ben Jones
Date Analyzed : 06/10/2025

1795894 48-SM-E	Spray-On Insulation	White Non-Fibrous Homogenous	PLM Trace Cellulose PLM 93% Fiberglass	PLM 7% Other	PLM None Detected
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Layer-1 Analyst: Ben Jones
Date Analyzed : 06/10/2025

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795895 48-SM-F	Spray-On Insulation	White Non-Fibrous Homogenous	PLM Trace Cellulose PLM 93% Fiberglass	PLM 7% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795896 48-SM-G	Spray-On Insulation	White Non-Fibrous Homogenous	PLM Trace Cellulose PLM 93% Fiberglass	PLM 7% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795897 49-DI-A	Duct Insulation	Silver Fibrous Homogenous	PLM Trace Cellulose PLM 91% Fiberglass	PLM 9% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795897 49-DI-A	Fibrous Material	White Fibrous Homogenous	PLM 92% Other fibrous	PLM 8% Other	PLM None Detected
Layer-2 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795898 49-DI-B	Duct Insulation	Silver Fibrous Homogenous	PLM Trace Cellulose PLM 91% Fiberglass	PLM 9% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795898 49-DI-B	Fibrous Material	White Fibrous Homogenous	PLM 92% Other fibrous	PLM 8% Other	PLM None Detected
Layer-2 Analyst: Ben Jones Date Analyzed : 06/10/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795899 49-DI-C	Duct Insulation	Silver Fibrous Homogenous	PLM Trace Cellulose PLM 91% Fiberglass	PLM 9% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795899 49-DI-C	Fibrous Material	White Fibrous Homogenous	PLM 92% Other fibrous	PLM 8% Other	PLM None Detected
Layer-2 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795900 50-DI-A	Duct Insulation	Black Fibrous Homogenous	PLM Trace Cellulose PLM 95% Fiberglass	PLM 5% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795900 50-DI-A	Fibrous Material	White Fibrous Homogenous	PLM 93% Other fibrous	PLM 7% Other	PLM None Detected
Layer-2 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795901 50-DI-B	Duct Insulation	Black Fibrous Homogenous	PLM Trace Cellulose PLM 95% Fiberglass	PLM 5% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795901 50-DI-B	Fibrous Material	White Fibrous Homogenous	PLM 93% Other fibrous	PLM 7% Other	PLM None Detected
Layer-2 Analyst: Ben Jones Date Analyzed : 06/10/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795902 50-DI-C	Duct Insulation	Black Fibrous Homogenous	PLM Trace Cellulose PLM 95% Fiberglass	PLM 5% Other	PLM None Detected
Layer-1 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795902 50-DI-C	Fibrous Material	White Fibrous Homogenous	PLM 93% Other fibrous	PLM 7% Other	PLM None Detected
Layer-2 Analyst: Ben Jones Date Analyzed : 06/10/2025					
1795903 51-IC-A	Interior Window Caulk	White Non-Fibrous Non-Homogenous	PLM 1% Cellulose	PLM 99% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/10/2025 With Caulk					
1795904 51-IC-B	Interior Window Caulk	White Non-Fibrous Non-Homogenous	PLM 1% Cellulose	PLM 99% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/10/2025 With Caulk					
1795905 51-IC-C	Interior Window Caulk	White Non-Fibrous Non-Homogenous	PLM 1% Cellulose	PLM 99% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/10/2025 With Caulk					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795906 52-IC-A	Interior Window Caulk	Black Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795906 52-IC-A	Brittle Material	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795907 52-IC-B	Interior Window Caulk	Black Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795907 52-IC-B	Brittle Material	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795908 52-IC-C	Interior Window Caulk	Black Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795908 52-IC-C	Brittle Material	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/10/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795909 53-SW-A	Styrofoam Wallboard Insulation	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected

Layer-1 Analyst: Tia Ray
Date Analyzed : 06/10/2025

1795910 53-SW-B	Styrofoam Wallboard Insulation	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
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Layer-1 Analyst: Tia Ray
Date Analyzed : 06/10/2025

1795911 53-SW-C	Styrofoam Wallboard Insulation	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
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Layer-1 Analyst: Tia Ray
Date Analyzed : 06/10/2025

1795912 54-AD-A	Accordion Dividing Wall	Beige Fibrous Homogenous	PLM 20% Cellulose	PLM 80% Other	PLM None Detected
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Layer-1 Analyst: Tia Ray
Date Analyzed : 06/10/2025

1795912 54-AD-A	Fibrous Material	Gray Fibrous Homogenous	PLM 100% Other fibrous		PLM None Detected
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Layer-2 Analyst: Tia Ray
Date Analyzed : 06/10/2025

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795913 54-AD-B	Accordion Dividing Wall	Beige Fibrous Homogenous	PLM 20% Cellulose	PLM 80% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795913 54-AD-B	Fibrous Material	Gray Fibrous Homogenous	PLM 100% Other fibrous		PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795914 54-AD-C	Accordion Dividing Wall	Beige Fibrous Homogenous	PLM 20% Cellulose	PLM 80% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795914 54-AD-C	Fibrous Material	Gray Fibrous Homogenous	PLM 100% Other fibrous		PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795915 55-IC-A	Interior Window Caulk	Black Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/10/2025					
1795916 55-IC-B	Interior Window Caulk	Black Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/10/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795917 55-IC-C	Interior Window Caulk	Black Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected

Layer-1 Analyst: Tia Ray
 Date Analyzed : 06/10/2025

1795918 56-CT-A	Ceramic Shower Tile	Beige Non-Fibrous Non-Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
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Layer-1 Analyst: Chris Canilao
 Date Analyzed : 06/10/2025

With Grout

1795919 56-CT-B	Ceramic Shower Tile	Beige Non-Fibrous Non-Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
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Layer-1 Analyst: Chris Canilao
 Date Analyzed : 06/10/2025

With Grout

1795920 56-CT-C	Ceramic Shower Tile	Beige Non-Fibrous Non-Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
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Layer-1 Analyst: Chris Canilao
 Date Analyzed : 06/10/2025

With Grout

1795921 57-CT-A	Ceramic Shower Tile	Pink Non-Fibrous Non-Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
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Layer-1 Analyst: Chris Canilao
 Date Analyzed : 06/10/2025

With Grout

1795922 57-CT-B	Ceramic Shower Tile	Pink Non-Fibrous Non-Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
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Layer-1 Analyst: Chris Canilao
 Date Analyzed : 06/10/2025

With Grout



Polarized Light Microscopy Asbestos Analysis Report

To : Atlas - Novi
46555 Humboldt Dr. Suite 100
Novi, Michigan 48377

Location : Waterford Armory
State of Michigan

ETL Job : 279409
Client Project : 188BS25305
Date Collected : 06/04/2025
Date Received : 06/06/2025

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795923 57-CT-C	Ceramic Shower Tile	Pink Non-Fibrous Non-Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Chris Canilao Date Analyzed : 06/10/2025 With Grout					
1795924 58-FT-A	Floor Tile	Light Blue/Dark Grey Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795924 58-FT-A	Mastic	Black Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-2 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795925 58-FT-B	Floor Tile	Light Blue/Dark Grey Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795925 58-FT-B	Mastic	Black Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-2 Analyst: Chris Canilao Date Analyzed : 06/10/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795926 58-FT-C	Floor Tile	Light Blue/Dark Grey Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795926 58-FT-C	Mastic	Black Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-2 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795927 59-CB-A	Cove Base	Blue Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795927 59-CB-A	Adhesive	Brown/White Non-Fibrous Non-Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-2 Analyst: Chris Canilao Date Analyzed : 06/10/2025 With Adhesive					
1795928 59-CB-B	Cove Base	Blue Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795928 59-CB-B	Adhesive	Brown/White Non-Fibrous Non-Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-2 Analyst: Chris Canilao Date Analyzed : 06/10/2025 With Adhesive					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795929 59-CB-C	Cove Base	Blue Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Chris Canilao Date Analyzed : 06/10/2025					
1795929 59-CB-C	Adhesive	Brown/White Non-Fibrous Non-Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-2 Analyst: Chris Canilao Date Analyzed : 06/10/2025 With Adhesive					
1795930 61-IC-A	Door Window Caulk	Orange Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Erica Marcos Date Analyzed : 06/10/2025					
1795931 61-IC-B	Door Window Caulk	Orange Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Erica Marcos Date Analyzed : 06/10/2025					
1795932 61-IC-C	Door Window Caulk	Orange Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Erica Marcos Date Analyzed : 06/10/2025					



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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795933 62-PF-A	Mudded Fitting	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Erica Marcos Date Analyzed : 06/11/2025					
1795933 62-PF-A	Straight Pipe Insulation	White Fibrous Non-Homogenous	PLM 80% Fiberglass	PLM 20% Other	PLM None Detected
Layer-2 Analyst: Erica Marcos Date Analyzed : 06/11/2025 With Fibrous Material					
1795934 62-PF-B	Mudded Fitting	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Erica Marcos Date Analyzed : 06/11/2025					
1795934 62-PF-B	Straight Pipe Insulation	White Fibrous Homogenous	PLM 80% Fiberglass	PLM 20% Other	PLM None Detected
Layer-2 Analyst: Erica Marcos Date Analyzed : 06/11/2025					
1795935 62-PF-C	Mudded Fitting	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Erica Marcos Date Analyzed : 06/11/2025					
1795935 62-PF-C	Straight Pipe Insulation	White Fibrous Homogenous	PLM 80% Fiberglass	PLM 20% Other	PLM None Detected
Layer-2 Analyst: Erica Marcos Date Analyzed : 06/11/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795936 63-CM-A	Chimney Brick	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-1 Analyst: Erica Marcos Date Analyzed : 06/11/2025					
1795936 63-CM-A	Mortar	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-2 Analyst: Erica Marcos Date Analyzed : 06/11/2025					
1795937 63-CM-B		Layer Missing			
Layer-1 Analyst: Erica Marcos Date Analyzed : 06/11/2025 Layer Not Analyzed					
1795937 63-CM-B	Mortar	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-2 Analyst: Erica Marcos Date Analyzed : 06/11/2025					
1795938 63-CM-C		Layer Missing			
Layer-1 Analyst: Erica Marcos Date Analyzed : 06/11/2025 Layer Not Analyzed					
1795938 63-CM-C	Mortar	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
Layer-2 Analyst: Erica Marcos Date Analyzed : 06/11/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795939 64-WP-A	Weatherproofing	Black Fibrous Homogenous	PLM 99% Fiberglass	PLM 1% Other	PLM None Detected
Layer-1 Analyst: Erica Marcos Date Analyzed : 06/11/2025					
1795939 64-WP-A	Weatherproofing	Black Fibrous Homogenous	PLM 50% Fiberglass PLM 50% Other fibrous		PLM None Detected
Layer-2 Analyst: Erica Marcos Date Analyzed : 06/11/2025					
1795940 64-WP-B	Weatherproofing	Black Fibrous Homogenous	PLM 99% Fiberglass	PLM 1% Other	PLM None Detected
Layer-1 Analyst: Erica Marcos Date Analyzed : 06/11/2025					
1795940 64-WP-B	Weatherproofing	Black Fibrous Homogenous	PLM 50% Fiberglass PLM 50% Other fibrous		PLM None Detected
Layer-2 Analyst: Erica Marcos Date Analyzed : 06/11/2025					
1795941 64-WP-C	Weatherproofing	Black Fibrous Homogenous	PLM 99% Fiberglass	PLM 1% Other	PLM None Detected
Layer-1 Analyst: Erica Marcos Date Analyzed : 06/11/2025					
1795941 64-WP-C	Weatherproofing	Black Fibrous Homogenous	PLM 50% Fiberglass PLM 50% Other fibrous		PLM None Detected
Layer-2 Analyst: Erica Marcos Date Analyzed : 06/11/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795942 65-SM-A	Spray-On Insulation	Green/White Fibrous Homogenous	PLM 10% Mineral wool PLM 87% Fiberglass PLM Trace Cellulose	PLM 3% Other	PLM None Detected
Layer-1 Analyst: Erica Marcos Date Analyzed : 06/11/2025					
1795943 65-SM-B	Spray-On Insulation	Green/White Fibrous Homogenous	PLM 10% Mineral wool PLM 87% Fiberglass PLM Trace Cellulose	PLM 3% Other	PLM None Detected
Layer-1 Analyst: Erica Marcos Date Analyzed : 06/11/2025					
1795944 65-SM-C	Spray-On Insulation	Green/White Fibrous Homogenous	PLM 10% Mineral wool PLM 87% Fiberglass PLM Trace Cellulose	PLM 3% Other	PLM None Detected
Layer-1 Analyst: Erica Marcos Date Analyzed : 06/11/2025					
1795945 66-IC-A	Interior Caulk	Brown Non-Fibrous Homogenous	PLM 3% Fiberglass PLM Trace Mineral wool	PLM 97% Other	PLM None Detected
Layer-1 Analyst: Erica Marcos Date Analyzed : 06/11/2025					
1795946 66-IC-B	Interior Caulk	Brown Non-Fibrous Homogenous	PLM 3% Fiberglass PLM Trace Mineral wool	PLM 97% Other	PLM None Detected
Layer-1 Analyst: Erica Marcos Date Analyzed : 06/11/2025					
1795947 66-IC-C	Interior Caulk	Brown Non-Fibrous Homogenous	PLM 3% Fiberglass PLM Trace Mineral wool	PLM 97% Other	PLM None Detected
Layer-1 Analyst: Erica Marcos Date Analyzed : 06/11/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795948 67-EC-A	Exterior Cement Sidewalk Caulk	Light Gray Non-Fibrous Non-Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/11/2025 With Cementitious Material					
1795949 67-EC-B	Exterior Cement Sidewalk Caulk	Light Gray Non-Fibrous Non-Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/11/2025 With Cementitious Material					
1795950 67-EC-C	Exterior Cement Sidewalk Caulk	Light Gray Non-Fibrous Non-Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/11/2025 With Cementitious Material					
1795951 68-EC-A	Exterior Caulk	Black Non-Fibrous Homogenous		PC 98.75% Other	PC 1.25% Chrysotile
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/11/2025					
1795952 68-EC-B		Positive Stop			
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/11/2025 Layer Not Analyzed					
1795952 68-EC-B	Cementitious Material	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Teagan Murphy Date Analyzed : 06/11/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795953 68-EC-C		Positive Stop			
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/11/2025 Layer Not Analyzed					
1795953 68-EC-C	Cementitious Material	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Teagan Murphy Date Analyzed : 06/11/2025					
1795954 69-EC-A	Exterior Metal Siding Caulk	Gray Non-Fibrous Homogenous		PC 98.5% Other	PC 1.5% Chrysotile
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/11/2025					
1795955 69-EC-B		Positive Stop			
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/11/2025 Layer Not Analyzed					
1795956 69-EC-C		Positive Stop			
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/11/2025 Layer Not Analyzed					
1795957 70-EC-A	Exterior Caulk	Red Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/11/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795958 70-EC-B	Exterior Caulk	Red Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/11/2025					
1795959 70-EC-C	Exterior Caulk	Red Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/11/2025					
1795960 71-EC-A	Exterior Residual Door Caulk	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/11/2025					
1795961 71-EC-B	Exterior Residual Door Caulk	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/11/2025					
1795962 71-EC-C	Exterior Residual Door Caulk	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/11/2025					
1795963 72-EC-A	Exterior Window Caulk	Black Non-Fibrous Homogenous		PC 98.75% Other	PC 1.25% Chrysotile
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/11/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
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1795964 72-EC-B		Positive Stop			
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Layer-1 Analyst: Teagan Murphy
Date Analyzed : 06/11/2025
Layer Not Analyzed

1795965 72-EC-C		Positive Stop			
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Layer-1 Analyst: Teagan Murphy
Date Analyzed : 06/11/2025
Layer Not Analyzed

1795966 73-EC-A	Exterior Door Caulk	Black Non-Fibrous Homogenous	PLM 3% Cellulose	PLM 97% Other	PLM None Detected
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Layer-1 Analyst: Teagan Murphy
Date Analyzed : 06/11/2025

1795967 73-EC-B	Exterior Door Caulk	Black Non-Fibrous Homogenous	PLM 3% Cellulose	PLM 97% Other	PLM None Detected
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Layer-1 Analyst: Teagan Murphy
Date Analyzed : 06/11/2025

1795968 73-EC-C	Exterior Door Caulk	Black Non-Fibrous Homogenous	PLM 3% Cellulose	PLM 97% Other	PLM None Detected
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Layer-1 Analyst: Teagan Murphy
Date Analyzed : 06/11/2025

1795969 74-CC-A	Exterior Cement Windowsill	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
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Layer-1 Analyst: Teagan Murphy
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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795970 74-CC-B	Exterior Cement Windowsill	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected

Layer-1 Analyst: Teagan Murphy
 Date Analyzed : 06/11/2025

1795971 74-CC-C	Exterior Cement Windowsill	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
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Layer-1 Analyst: Teagan Murphy
 Date Analyzed : 06/11/2025

1795972 75-BM-A	Exterior Brick	Red Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
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Layer-1 Analyst: Teagan Murphy
 Date Analyzed : 06/11/2025

1795972 75-BM-A	Mortar	Brown Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
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Layer-2 Analyst: Teagan Murphy
 Date Analyzed : 06/11/2025

1795973 75-BM-B	Exterior Brick	Red Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
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Layer-1 Analyst: Teagan Murphy
 Date Analyzed : 06/11/2025

1795973 75-BM-B	Mortar	Brown Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
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Layer-2 Analyst: Teagan Murphy
 Date Analyzed : 06/11/2025

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795974 75-BM-C	Exterior Brick	Red Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Teagan Murphy Date Analyzed : 06/11/2025					
1795974 75-BM-C	Mortar	Brown Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Teagan Murphy Date Analyzed : 06/11/2025					
1795975 76-EC-A	Exterior Penetration Caulk	Brown Non-Fibrous Homogenous	PLM 10% Fiberglass	PLM 90% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1795976 76-EC-B	Exterior Penetration Caulk	Brown Non-Fibrous Homogenous	PLM 10% Fiberglass	PLM 90% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1795977 76-EC-C	Exterior Penetration Caulk	Brown Non-Fibrous Homogenous	PLM 10% Fiberglass	PLM 90% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1795978 77-EC-A	Exterior Door Caulk	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795979 77-EC-B	Exterior Door Caulk	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1795980 77-EC-C	Exterior Door Caulk	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1795981 78-EC-A	Exterior Cement Caulk	Dark Grey Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1795982 78-EC-B	Exterior Cement Caulk	Dark Grey Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1795983 78-EC-C	Exterior Cement Caulk	Dark Grey Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1795984 79-EC-A	Exterior Building Caulk	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795985 79-EC-B	Exterior Building Caulk	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1795986 79-EC-C	Exterior Building Caulk	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1795987 80-CC-A	Poured Concrete Floor	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1795988 80-CC-B	Poured Concrete Floor	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1795989 80-CC-C	Poured Concrete Floor	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795990 81-EJ-A	Expansion Joint	Dark Grey Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1795990 81-EJ-A	Expansion Joint	Light Grey Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1795991 81-EJ-B	Expansion Joint	Dark Grey Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1795991 81-EJ-B	Expansion Joint	Light Grey Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1795992 81-EJ-C	Expansion Joint	Dark Grey Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1795992 81-EJ-C	Expansion Joint	Light Grey Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/11/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795993 82-CMU-A	CMU Block Wall	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1795994 82-CMU-B	CMU Block Wall	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1795995 82-CMU-C	CMU Block Wall	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1795996 83-EJ-A	CMU Block Wall Expansion Joint	Black Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1795997 83-EJ-B	CMU Block Wall Expansion Joint	Black Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1795998 83-EJ-C	CMU Block Wall Expansion Joint	Black Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					

Polarized Light Microscopy Asbestos Analysis Report

To : Atlas - Novi
46555 Humboldt Dr. Suite 100
Novi, Michigan 48377

Location : Waterford Armory
State of Michigan

ETL Job : 279409
Client Project : 188BS25305
Date Collected : 06/04/2025
Date Received : 06/06/2025

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1795999 84-SM-A	Spray-On Insulation	Pink Fibrous Homogenous	PLM 60% Fiberglass	PLM 40% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796000 84-SM-B	Spray-On Insulation	Pink Fibrous Homogenous	PLM 60% Fiberglass	PLM 40% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796001 84-SM-C	Spray-On Insulation	Pink Fibrous Homogenous	PLM 60% Fiberglass	PLM 40% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796004 85-IC-A	Interior Door Caulk	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796005 85-IC-B	Interior Door Caulk	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796006 85-IC-C	Interior Door Caulk	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1796007 86-IC-A	Multi-Layer Building Caulk	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796008 86-IC-B	Multi-Layer Building Caulk	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796009 86-IC-C	Multi-Layer Building Caulk	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796010 87-BM-A	Brick	Red Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796010 87-BM-A	Mortar	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/11/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1796011 87-BM-B	Brick	Red Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796011 87-BM-B	Mortar	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796012 87-BM-C	Brick	Red Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796012 87-BM-C	Mortar	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796013 88-IC-A	Interior Window Caulk	Black Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796014 88-IC-B	Interior Window Caulk	Black Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1796015 88-IC-C	Interior Window Caulk	Black Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796016 89-IC-A	Interior Window Caulk	Black Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796017 89-IC-B	Interior Window Caulk	Black Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796018 89-IC-C	Interior Window Caulk	Black Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796019 90-PI-A	Pipe Insulation	Yellow Fibrous Homogenous	PLM 90% Fiberglass	PLM 10% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796019 90-PI-A	Paper Backing	Beige Fibrous Homogenous	PLM 70% Cellulose	PLM 30% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/11/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1796020 90-PI-B	Pipe Insulation	Yellow Fibrous Homogenous	PLM 90% Fiberglass	PLM 10% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796020 90-PI-B	Paper Backing	Beige Fibrous Homogenous	PLM 70% Cellulose	PLM 30% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796021 90-PI-C	Pipe Insulation	Yellow Fibrous Homogenous	PLM 90% Fiberglass	PLM 10% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796021 90-PI-C	Paper Backing	Beige Fibrous Homogenous	PLM 70% Cellulose	PLM 30% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796022 91-WBS-A	Wallboard System	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796023 91-WBS-B	Wallboard System	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1796024 91-WBS-C	Wallboard System	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796025 92-FT-A	Floor Tile	Blue/Grey Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796025 92-FT-A	Mastic	Black Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796026 92-FT-B	Floor Tile	Blue/Grey Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796026 92-FT-B	Mastic	Black Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/11/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1796027 92-FT-C	Floor Tile	Blue/Grey Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796027 92-FT-C	Mastic	Black Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796028 93-CB-A	Cove Base	Blue Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796028 93-CB-A	Adhesive	Yellow Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796029 93-CB-B	Cove Base	Blue Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796029 93-CB-B	Adhesive	Yellow Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/11/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1796030 93-CB-C	Cove Base	Blue Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796030 93-CB-C	Adhesive	Yellow Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796031 94-HS-A	Heatshield	White Fibrous Homogenous	PLM 90% Fiberglass	PLM 10% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796032 94-HS-B	Heatshield	White Fibrous Homogenous	PLM 90% Fiberglass	PLM 10% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796033 94-HS-C	Heatshield	White Fibrous Homogenous	PLM 90% Fiberglass	PLM 10% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796034 95-IC-A	Interior Plumbing Caulk	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1796035 95-IC-B	Interior Plumbing Caulk	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796036 95-IC-C	Interior Plumbing Caulk	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796037 97-WG-A	Interior Second Floor Window Glaze	Beige Non-Fibrous Homogenous		PC 98.25% Other	PC 1.75% Chrysotile
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796038 97-WG-B		Positive Stop			
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025 Layer Not Analyzed					
1796039 97-WG-C		Positive Stop			
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025 Layer Not Analyzed					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1796040 98-DI-A	Drain Insulation	Brown Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796040 98-DI-A	Paper Backing	Brown Fibrous Homogenous	PLM 100% Cellulose		PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796040 98-DI-A	Fibrous Material	Gray Fibrous Homogenous	PLM 50% Cellulose	PLM 50% Other	PLM None Detected
Layer-3 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796041 98-DI-B	Drain Insulation	Brown Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796041 98-DI-B	Paper Backing	Brown Fibrous Homogenous	PLM 100% Cellulose		PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796041 98-DI-B	Fibrous Material	Gray Fibrous Homogenous	PLM 50% Cellulose	PLM 50% Other	PLM None Detected
Layer-3 Analyst: Tia Ray Date Analyzed : 06/11/2025					

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Date Collected : 06/04/2025
Date Received : 06/06/2025

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1796042 98-DI-C Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025	Drain Insulation	Brown Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
1796042 98-DI-C Layer-2 Analyst: Tia Ray Date Analyzed : 06/11/2025	Paper Backing	Brown Fibrous Homogenous	PLM 100% Cellulose		PLM None Detected
1796042 98-DI-C Layer-3 Analyst: Tia Ray Date Analyzed : 06/11/2025	Fibrous Material	Gray Fibrous Homogenous	PLM 50% Cellulose	PLM 50% Other	PLM None Detected
1796043 99-EC-A Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025	Exterior Cement Caulk	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
1796044 99-EC-B Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025	Exterior Cement Caulk	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
1796045 99-EC-C Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025	Exterior Cement Caulk	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
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1796046 100-BM-A		Layer Missing			
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Layer-1 Analyst: Tia Ray
Date Analyzed : 06/11/2025
Layer Not Analyzed

1796046 100-BM-A	Mortar	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
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Layer-2 Analyst: Tia Ray
Date Analyzed : 06/11/2025

1796047 100-BM-B		Layer Missing			
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Layer-1 Analyst: Tia Ray
Date Analyzed : 06/11/2025
Layer Not Analyzed

1796047 100-BM-B	Mortar	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
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Layer-2 Analyst: Tia Ray
Date Analyzed : 06/11/2025

1796048 100-BM-C		Layer Missing			
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Layer-1 Analyst: Tia Ray
Date Analyzed : 06/11/2025
Layer Not Analyzed

1796048 100-BM-C	Mortar	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
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Layer-2 Analyst: Tia Ray
Date Analyzed : 06/11/2025

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1796049 101-EC-A	Exterior Window Caulk	Black Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796050 101-EC-B	Exterior Window Caulk	Black Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796051 101-EC-C	Exterior Window Caulk	Black Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796052 102-EC-A	Exterior Multi-Layer Door Caulk	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796053 102-EC-B	Exterior Multi-Layer Door Caulk	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796054 102-EC-C	Exterior Multi-Layer Door Caulk	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1796055 103-RT-A	Exterior Roof Tar	Black Non-Fibrous Homogenous	PLM 5% Fiberglass	PLM 95% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					

1796056 103-RT-B	Exterior Roof Tar	Black Non-Fibrous Homogenous	PLM 5% Fiberglass	PLM 95% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					

1796057 103-RT-C	Exterior Roof Tar	Black Non-Fibrous Homogenous	PLM 5% Fiberglass	PLM 95% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1796058 104-RM-A	Roofing Materials	Brown Fibrous Homogenous	PLM 80% Cellulose	PLM 20% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796058 104-RM-A	Roofing Materials	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796058 104-RM-A	Roofing Materials	Black Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-3 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796058 104-RM-A	Paper Backing	Gray Fibrous Homogenous	PLM 90% Cellulose	PLM 10% Other	PLM None Detected
Layer-4 Analyst: Tia Ray Date Analyzed : 06/11/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1796059 104-RM-B	Roofing Materials	Brown Fibrous Homogenous	PLM 80% Cellulose	PLM 20% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796059 104-RM-B	Roofing Materials	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796059 104-RM-B	Roofing Materials	Black Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-3 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796059 104-RM-B	Paper Backing	Gray Fibrous Homogenous	PLM 90% Cellulose	PLM 10% Other	PLM None Detected
Layer-4 Analyst: Tia Ray Date Analyzed : 06/11/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1796060 104-RM-C	Roofing Materials	Brown Fibrous Homogenous	PLM 80% Cellulose	PLM 20% Other	PLM None Detected
Layer-1 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796060 104-RM-C	Roofing Materials	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-2 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796060 104-RM-C	Roofing Materials	Black Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
Layer-3 Analyst: Tia Ray Date Analyzed : 06/11/2025					
1796060 104-RM-C	Paper Backing	Gray Fibrous Homogenous	PLM 90% Cellulose	PLM 10% Other	PLM None Detected
Layer-4 Analyst: Tia Ray Date Analyzed : 06/11/2025					

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
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Emily Schorder

Lab Supervisor/Other Signatory

Analyst:

Tia Ray

Tia Ray

Chris Canilao

Chris Canilao

Ben Jones

Ben Jones

Erica Marcos

Erica Marcos

Teagan Murphy

Teagan Murphy

400 Point Count Results by EPA 600/R-93/116 PLM (denoted by "PC")
Item 198.1: PLM Methods for Identifying and Quantitating Asbestos in Bulk Samples
Item 198.6: PLM Methods for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples
EPA 600/R-93/116: Method for Determination of Asbestos in Bulk Building Materials
EPA 600/M4-82-020: Interim Method for Determination of Asbestos in Bulk Insulation Samples
A % Asbestos result of "Trace" indicates that the analyzed material was found to contain less than 1% asbestos and would not be considered an Asbestos Containing Material (ACM).

ETL, Inc. maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced without written approval by ETL, Inc. Test Method EPA 600/R-93-116 & EPA 600/M4-82/020 or NYSDOH-ELAP item 198.1 and/or 198.6 was used to analyze all samples. Matrix interference and/or resolution limits (i.e. detecting asbestos in non-friable organically bound materials) may yield false results in certain circumstances. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing. Interpretation and use of test results are the responsibility of the client. ETL, Inc. is not responsible for the accuracy of the results when requested to physically separate and analyze layered samples. Any PLM results below 10% should be re-analyzed using the EPA recommended Point Count method. Any material that has greater than 1% asbestos content is considered to be an Asbestos Containing Material (ACM). These materials are regulated by both OSHA and the EPA and must be treated accordingly. Results are related to only to samples that were tested. An estimate of uncertainty can be provided at the client's request.



APPENDIX D

LEAD-CONTAINING PAINT LABORATORY REPORT



30105 BEVERLY RD.
ROMULUS MI 48174
(734) 699-LABS (5227)
FAX: (734) 699-8407

www.accurate-test.com



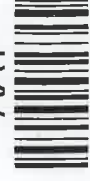
SUBMITTING COMPANY
Atlas Technical Consultants
46555 Humboldt Drive
Suite 100
Novi, MI 48377

CONTACT INFORMATION
Office: 248-669-5140

PROJECT NUMBER & PO NUMBER:	1883525305	REQUESTED ANALYSIS	bold or circle requested analysis	Request Turnaround time (please check one)
CLIENT NAME:	Atlas Technical Consultants	Lead		SAME DAY () 24 Hour ()
PROJECT NAME:	Waterford Armory	Paint Chips		48 Hour () 72 hours (X)
PROJECT ADDRESS:	2650 Watkins Lake Road, Waterford, MI	% by weight		If none indicated, default is 72 hours.

LAB ID	Client Sample ID	Sample Location	Sample Date	CLIENT COMMENTS:
16505284	1-LPC	Main Building-Metal Door/Gray Paint	6.3.25	Sampled By: Randy Hansen
	2-LPC	Main Building-Drywall/White Paint	" "	Samples to lab via: (bold or circle one)
	3-LPC	Main Building-CMU Block/off-White Paint	" "	FedEx Atlas drop box Hand deliver
	4-LPC	Main Building-CMU Block/yellow paint	" "	SEALS INTACT Y N
	5-LPC	Main Building-Cement/Green Paint	" "	CONTAINERS LABELED Y N
	6-LPC	Main Building-Drywall/White Paint	" "	REC'D & ACCEPTED Y N
	7-LPC	Main Building-Metal/White Paint	" "	LAB REMARKS
SAMPLES RELINQUISHED BY (Print & Sign Name)				LAB PROJECT NUMBER
Rachid Kanoun				116064586
SAMPLES RECEIVED BY				DATE
				6.5.25
				TIME
				AM PM
				AM PM
				AM PM

AAT



082826

By submitting samples to AAT, the client agrees to AAT's terms and conditions.

F001E-Air



30105 BEVERLY RD.
ROMULUS MI 48174
(734) 699-LABS (5227)
FAX: (734) 699-8407

www.accurate-test.com



LAB #10084

SUBMITTING COMPANY
Atlas Technical Consultants
46555 Humboldt Drive
Suite 100
Novi, MI 48377

CONTACT INFORMATION

Office: 248-669-5140

PROJECT NUMBER & PO NUMBER: 1888515305		REQUESTED ANALYSIS	bold or circle requested analysis	Request turnaround time (please check one)
CLIENT NAME: Atlas Technical Consultants		Lead Paint Chips % by weight		SAME DAY () 24 Hour ()
PROJECT NAME: Waterford Armory				48 Hour () 72 hours (X)
PROJECT ADDRESS: 2656 Watkins Lake Road, Waterford, MI				If none indicated, default is 72 hours.

LAB ID	Client Sample ID	Sample Location	Sample Date	CLIENT COMMENTS:
	8-LPC	Outbuilding-Block/Red Paint	6-3-25	Sampled By: Vandy Bousier
	9-LPC	Outbuilding-Drywall/Pink Paint	11 "	Samples to lab via: (bold or circle one) FedEX Atlas drop box Hand deliver
	10-LPC	Outbuilding-CMUBlock/Pink Paint	11 "	SAMPLE CONDITION SEALS INTACT Y N CONTAINERS LABELED Y N RECVD & ACCEPTED Y N
	11-LPC	Outbuilding-Metal Pipes/Pink Paint	11 "	
LAB REMARKS				
LAB PROJECT NUMBER				4880
SAMPLES RECEIVED BY			DATE	TIME
Michael Kasnow			6-5-25	3 PM
				AM
				AM
				AM

By submitting samples to AAT, the client agrees to AAT's terms and conditions.

F001E-Air

Page 2 of 2



30105 Beverly Road
Romulus, MI 48174
Ph: 734-629-8161; Fax: 734-629-8431

Certificate of Analysis: Lead In Paint by EPA SW-846 Method 7000B/3050B*

Client : Atlas Technical Consultants
46555 Humboldt Dr.
Novi, MI 48377

Attn : Dawn LeCesne
Phone : 248-669-5140

Email : dawn.lecesne@oneatlas.com
Fax : 248-669-5147

AAT Project : 1169486
Sampling Date : 06/03/2025
Date Received : 06/06/2025
Date Analyzed : 06/09/2025
Date Reported : 06/09/2025

Client Project : 188BS25305

Project Location : 2650 WATKINS LAKE ROAD WATERFORD MI

Sample ID	Client Code	Sample Description	PPM	Result Lead (% by weight)	Calculated R L (% by weight)
10503724	1-LPC	MAIN BLDG MTL DOOR GRAY	18.5	0.00185	0.000465
10503725	2-LPC	MAIN BLDG DRYWL WHT	99.7	0.00997	0.00112
10503726	3-LPC	MAIN BLDG CMU BLK OFF WHT	29.6	0.00296	0.00197
10503727	4-LPC	MAIN BLDG CMU BLK YLLW	444	0.0444	0.000820
10503728	5-LPC	MAIN BLDG CMNT GREEN	122	0.0122	0.00309
10503729	6-LPC	MAIN BLDG DRYWL WHT	24.0	0.00240	0.000482
10503730	7-LPC	MAIN BLDG MTL WHT	4820	0.482	0.00160
10503731	8-LPC	OUT BLDG BLK RED	56.9	0.00569	0.00205
10503732	9-LPC	OUT BLDG DRYWL PINK	15.1	0.00151	0.000824
10503733	10-LPC	OUT BLDG CMU BLK PINK	26.6	0.00266	0.000624
10503734	11-LPC	OUT BLDG MTL PIPES PINK	381	0.0381	0.00118

Analyst Signature

Alex Hall

ND = Not Detected, N/A = Not Available, RL = Reporting Limit, Analytical Reporting Limit is 5 ug/sample. For true values assume (3) significant figures. The method, batch, and sample Quality Control are acceptable unless otherwise stated. AAT internal SOP S218. The laboratory operates in accord with ISO 17025 guidelines and holds limited scopes of accreditation under AIHA-LAP and NY State DOH ELAP programs. These results are submitted pursuant to AAT, LLC current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. Analytical results relate to the samples as received by the lab. Results in mg/cm2 are calculated based on sample area dimensions supplied by the client. AAT will not assume any liability or responsibility for the manner in which the results are used or interpreted. Reproduction of this document other than in its entirety is not authorized by AAT, LLC. AAT does not blank correct reported values. Sample data apply only to items analyzed. Current EPA/HUD Interim Standard for lead in paint samples is: 5000 PPM (parts per million) or ug/g which is equivalent to 0.5% by weight. EPA definition of lead-based paint: 1.0 mg/cm2. New York City Regulatory Limits: 0.25% by weight or 0.5 mg/cm2 for investigations for a child. MD and Philadelphia definition of lead-based paint: 0.7 mg/cm2. Note: Samples are stored for 15 days following report date. * = Validated modified method.
AIHA LAP- Lab ID #100986, NY State DOH ELAP -Lab ID #11864, State of Ohio- Lab ID # 10042





30105 Beverly Road
Romulus, MI 48174
Ph: 734-629-8161; Fax: 734-629-8431

To : Atlas Technical Consultants
46555 Humboldt Dr.
Novi, MI 48377

Attn : Dawn LeCesne

Email : dawn.lecesne@oneatlas.com

Phone : 248-669-5140

Project Location : 2650 WATKINS LAKE ROAD WATERFORD MI

AAT Project : 1169486

Client Project : 188BS25305

Date Reported 06/09/2025

Sample	Client Code	Analysis Requested	Completed	Analyst
10503724	1-LPC	Lead Paint	06/09/2025	Alex Hall
10503725	2-LPC	Lead Paint	06/09/2025	Alex Hall
10503726	3-LPC	Lead Paint	06/09/2025	Alex Hall
10503727	4-LPC	Lead Paint	06/09/2025	Alex Hall
10503728	5-LPC	Lead Paint	06/09/2025	Alex Hall
10503729	6-LPC	Lead Paint	06/09/2025	Alex Hall
10503730	7-LPC	Lead Paint	06/09/2025	Alex Hall
10503731	8-LPC	Lead Paint	06/09/2025	Alex Hall
10503732	9-LPC	Lead Paint	06/09/2025	Alex Hall
10503733	10-LPC	Lead Paint	06/09/2025	Alex Hall
10503734	11-LPC	Lead Paint	06/09/2025	Alex Hall

Reviewed By

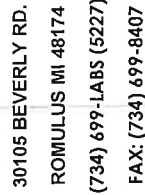
Elyse Bidle
Quality Assurance Coordinator

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APPENDIX E

LEAD DUST WIPE LABORATORY REPORT



30105 BEVERLY RD.
ROMULUS MI 48174
(734) 699-LABS (5227)
FAX: (734) 699-8407



www.accurate-test.com

Email: dawn.lecesne@oneatlas.com

By submitting samples to AAT, the client agrees to AAT's terms and conditions.



30105 Beverly Road
Romulus, MI 48174
Ph: 734-629-8161; Fax: 734-629-8431

Certificate of Analysis: Lead In Dust Wipe by EPA Method 7000B/NIOSH 7082*

Client : Atlas Technical Consultants
46555 Humboldt Dr.
Novi, MI 48377

Attn : Dawn LeCesne **Email :** dawn.lecesne@oneatlas.com
Phone : 248-669-5140 **Fax :** 248-669-5147

AAT Project : 1170351

Sampling Date : 06/10/2025

Date Received : 06/10/2025

Date Analyzed : 06/11/2025

Date Reported : 06/11/2025

Client Project : 188BS25305

Project Location : 2650 WATKINS LAKE RD WATERFORD TWP MI 48328

Sample ID	Client Code	Sample Description	Length (inch)	Width (inch)	Area (Sq ft)	Results Lead µg/ft2 *
10437748	W001	FIELD BLANK	N/A	N/A	N/A	N/D
10437749	W002	RM 1 HALLWAY FL	12	12	1.00	<5.00
10437750	W003	RM 2 SHOOTING RNG FL	12	12	1.00	5.10
10437751	W004	RM 2 SHOOTING RNG FL	12	12	1.00	<5.00
10437752	W005	RM 2 SHOOTING RNG FL	12	12	1.00	10.2
10437753	W006	RM 2 SHOOTING RNG NORTH ENTRY FL	12	12	1.00	313

Analyst Signature

Dylan Hinzmann

ND = Not Detected, N/A = Not Available, RL = Reporting Limit, Analytical Reporting Limit is 5 ug/sample. For true values assume (3) significant figures. AAT internal SOP S205. The method and batch QC are acceptable unless otherwise stated. EPA Regulatory Limits: 5 ug/ft2 (Floors, Carpeted/Uncarpeted), 40 ug/ft2 (Window Sill/Stools), 100 ug/ft2 (Window Trough/Well/Ext Concrete Surfaces). HUD Grantee Regulatory Limits: 10 ug/ft2 (Interior Floors), 40 ug/ft2 (Porch Floors), 100 ug/ft2 (Window Sills), 100 ug/ft2 (Window Troughs). The laboratory operates in accord with ISO 17025 guidelines and holds limited scopes of accreditation under AIHA-LAP and NY State DOH ELAP programs. These results are submitted pursuant to AAT, LLC current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. Analytical results relate to the samples as received by the lab. AAT will not assume any liability or responsibility for the manner in which the results are used or interpreted. All Quality Control requirements for the samples this report contains have been met. AAT does not blank correct reported values. Sample data apply only to items analyzed. Results are calculated with wipe dimensions supplied by client. Reproduction of this document other than in its entirety is not authorized by AAT, LLC. * = Validated modified method. Samples are stored for 15 days following report date.



AIHA LAP- Lab ID #100986, NY State DOH ELAP -Lab ID #11864, State of Ohio- Lab ID # 10042, State of RI- Lab ID# LAO00345

Date Printed: 06/11/2025

AAT Project: 1170351



30105 Beverly Road
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To : Atlas Technical Consultants
46555 Humboldt Dr.
Novi, MI 48377

Attn : Dawn LeCesne

Email : dawn.lecesne@oneatlas.com

Phone : 248-669-5140

Project Location : 2650 WATKINS LAKE RD WATERFORD TWP MI 48328

AAT Project : 1170351

Client Project : 188BS25305

Date Reported : 06/11/2025

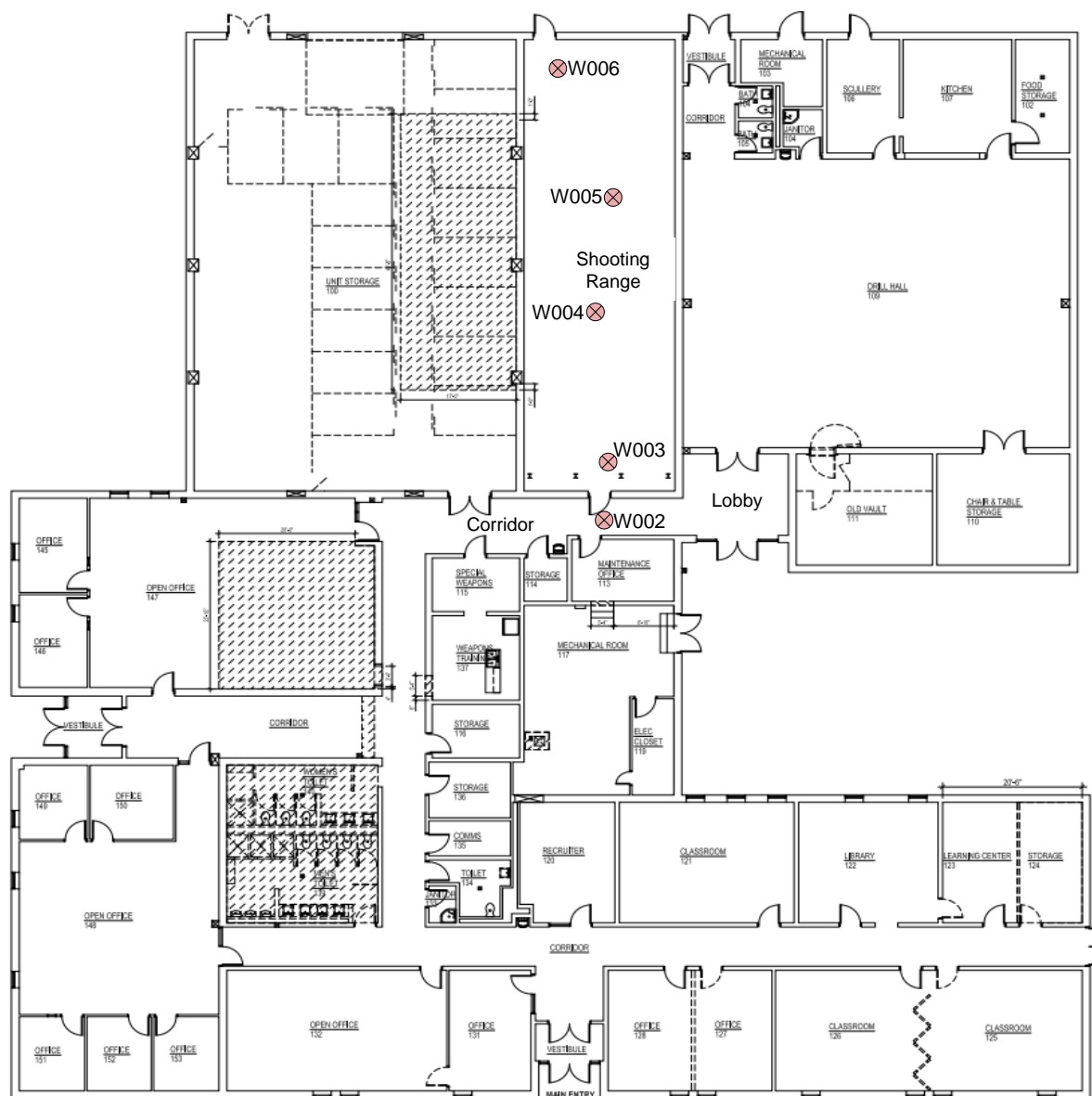
Sample	Client Code	Analysis Requested	Completed	Analyst
10437748	W001	Dust Wipe	06/11/2025	Dylan Hinzmann
10437749	W002	Dust Wipe	06/11/2025	Dylan Hinzmann
10437750	W003	Dust Wipe	06/11/2025	Dylan Hinzmann
10437751	W004	Dust Wipe	06/11/2025	Dylan Hinzmann
10437752	W005	Dust Wipe	06/11/2025	Dylan Hinzmann
10437753	W006	Dust Wipe	06/11/2025	Dylan Hinzmann

Reviewed By

Elyse Bidle
Quality Assurance Coordinator

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⊗ = Sample Location
W00# = Sample #




Map Not To Scale



Site:
Waterford Armory
2650 Watkins Lake Road
Waterford, Michigan 48328

Dust Wipe Sampling Location Map

1st Floor

PROJECT NUMBER:188BS25305	FIGURE: 01
DRAWN BY: HCL	REVIEWED BY: ATLAS
	DATE: 06/10/2025
 46555 Humboldt Drive, Suite 100 Novi, Michigan 48377 Ph: (248) 669-5140 ~ Fax: (248) 669-5147	