HAZARDOUS BUILDING MATERIALS SURVEY REPORT

Gateway National Recreation Area
Deferred Maintenance and Building Demolition Project at Multiple Sites;
NIKE Launch Site Bldgs. 429, 430, 431, 432, 433, 434, 435 & 437
Fort Hancock Bldgs. 124 & 131
Miller Field Bldgs. 3, 4, 5 & 7
Sandy Hook Bldg. 600
Fort Tilden Bldg. T148
Fort Wadsworth Bldg. 354, 406 & 435
Great Kills Ranger Trailer

Mabbett Project No. R2020001.007.002

March 27, 2026

Prepared For:

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ACKNOWLEDGEMENT

This Hazardous Building Materials Survey Report has been prepared by Mabbett & Associates, Inc. (Mabbett®) for the GATE Building Demolition Project, at NIKE Launch Site buildings 429*, 430*, 431, 432, 433*, 434, 435, and 437*, Fort Hancock buildings 124 and 131*, Miller Field buildings 3*, 4*, 5, and 7, Sandy Hook building 600, Fort Tilden T148, Fort Wadsworth buildings 354, 406*, and 435*, and the Great Kills Ranger Trailer. Buildings with an * next to their name were limited to visual inspection by the team. The information presented herein is based on the facts and information conveyed to or received by Mabbett during the preparation of this report. If any of the information provided to Mabbett that was used in preparing this report is incorrect, incomplete, or subject to change, Mabbett would wish to alter its opinions accordingly. In addition, the professional opinions and information contained in this report are based solely on the requirements of the applicable regulations and technical data as known to Mabbett as of the date of this report and considered applicable to this report.

Mabbett does not claim to have identified all hazardous materials that could be present in the buildings. Mabbett has conducted this assessment with reasonable care and has performed this project in accordance with industry standards. There can be no assurances, and Mabbett makes no assurances, that the information, research, and technology used to prepare this report may not change in the future, thus affecting the results reported herein.

The attached Hazardous Building Materials Survey Report was prepared by Jacob T. Walsh, Environmental and Regulated Building Materials Consultant of Mabbett & Associates, Inc.

This report has been reviewed and approved by:

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By:

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Hazardous Building Materials Survey Report Part I

Deferred Maintenance and Building Demolition Project

HAZARDOUS BUILDING MATERIALS SURVEY REPORT

Gateway National Recreation Area (GATE)
Miller Field Building 5
Fort Tilden Building T148
Fort Wadsworth Building 354
Great Kills Ranger Trailer
NIKE Launch Site Building 435

Deferred Maintenance and Building Demolition Project

Mabbett Project No. R2020001.006.004

January 31, 2025

Prepared For:

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ACKNOWLEDGEMENT

This Hazardous Building Materials Survey Report has been prepared by Mabbett & Associates, Inc. (Mabbett®) for the GATE Building Demolition Project, at Miller Field Building 5, Fort Tilden Building T148, Fort Wadsworth Building 354 and Great Kills Ranger Trailer located in New York City and NIKE Launch Site Building 435 located in Sandy Hook, New Jersey. The information presented herein is based on the facts and information conveyed to or received by Mabbett during the preparation of this report. If any of the information provided to Mabbett that was used in preparing this report is incorrect, incomplete, or subject to change, Mabbett would wish to alter its opinions accordingly. In addition, the professional opinions and information contained in this report are based solely on the requirements of the applicable regulations and technical data as known to Mabbett as of the date of this report and considered applicable to this report.

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1.0 INTRODUCTION

Mabbett and Associates, Inc. (Mabbett®) performed a survey for hazardous building materials as part of the GATE Building Demolition Project at Miller Field Building 5, Fort Tilden Building T148, Fort Wadsworth Building 354 and Great Kills Ranger Trailer located in New York City, New York and NIKE Launch Site Building 435 located in Sandy Hook, New Jersey. The purpose of the survey was to assess the buildings for the presence of hazardous and regulated building materials, including asbestos-containing materials (ACMs), lead containing paint (LCP) and polychlorinated biphenyls (PCBs). The survey was performed by Mr. Jacob T. Walsh of Mabbett and Mr. Giorgi Isakadze of Hillmann Consulting on December 11th and 12th, 2024 and consisted of the following activities:

- An Asbestos Containing Material (ACM) survey of suspect materials (analysis using stop positive methodology, polarized light microscopy [PLM], and transmission electron microscopy [TEM]);
- Lead Containing Paint (LCP) sampling (analysis by atomic absorption [AA] spectroscopy); and
- Polychlorinated Biphenyls (PCB) Containing Building Materials sampling (analysis performed by SW-846 Method 8082A); and

At the time of the survey the buildings were inactive. Areas and materials outside of this scope of work were not surveyed by Mabbett.

1.1 Purpose and Objectives

This hazardous building material survey was comprised of three primary project tasks including:

- Evaluation of existing site conditions and formulation of a sampling plan;
- Site survey to collect building material samples for laboratory analysis; and
- Development of this Hazardous Building Materials Survey Report.

This project was designed to accomplish two primary objectives: (1) to collect a representative number of building materials for laboratory analysis and reporting; and (2) to use data from the laboratory analysis efforts to estimate the volume of hazardous and regulated building materials present within the building's interior and exterior for subsequent use in development of an abatement scope. These two objectives were met through a combination of a site inspection to collect building material samples for laboratory analysis; interpretation of qualitative data collected in the field; and the quantitative laboratory data generated from analysis of the building materials as summarized in this survey report.

1.2 Summary of Survey Results

As required by State and Federal regulations, bulk samples of suspected ACM were collected by Mabbett and submitted using chain of custody (COC) procedures to AmeriSci Richmond (AmeriSci) of Midlothian, Virginia. AmeriSci is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) and National Institute Standards and Technology (NIST). The Environmental Protection Agency (EPA) and the Occupational Safety and Health Administration (OSHA) define ACM as any material that contains greater than one percent (>1%) asbestos.

Paint chip samples were collected by Mabbett for lead analysis using AA spectroscopy and submitted using COC procedures to Scientific Analytical Institute (SAI) of Greensboro, North Carolina.

PCB building material samples were collected for PCB extraction using Analytical Method 1,8082A under COC procedures to Pace of Westborough, Massachusetts. Pace is accredited by the National Environmental Laboratory Accreditation Program (NELAP).

The survey efforts yielded the following results:

- Ninety-eight (98) bulk samples for suspect ACM were collected for laboratory analysis and reporting. Five (5) materials were determined to contain asbestos;
- Three (3) Paint chip samples collected from painted building surfaces collected during this survey effort revealed concentrations of lead in paint that exceed the U.S. Department of Housing and Urban Development (HUD) threshold of 0.5 percent by weight and 1.0 mg/cm² by XRF; and
- Five (5) suspect PCB building material samples were collected and submitted for laboratory analysis as part of this survey. Based on laboratory analysis the materials were non-detect for PCBs and are below the TSCA regulated PCB Bulk Product Waste threshold.

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2.0 ASBESTOS CONTAINING MATERIAL SURVEY

The asbestos survey was performed on December 11th and 12th, 2024 by Jacob T. Walsh of Mabbett and licensed asbestos investigator Giorgi Isakadze (NYSDOL#24-6S3HD-SHAB) of Hillmann Consulting. Prior to collecting samples, a visual screening assessment was conducted to identify locations of suspect ACM and develop a sampling plan. Only areas that were accessible during the field work phase were included in the survey, with reasonable efforts made to access areas needed to complete the asbestos survey and sampling program. Any unsampled or new Destructive investigation of operating equipment was not conducted.

2.1 Sampling Methodology

Bulk samples for asbestos analysis were collected using EPA National Emissions Standards for Hazardous Air Pollutants (NESHAP), 40 CFR Part 763, and Asbestos Hazard Emergency Response Act (AHERA) protocols. Bulk suspect ACM sampling was conducted according to the following standard sampling protocol:

- Friable surfacing material:
  - At least three bulk samples shall be collected from each homogeneous area of surfacing material that is 1,000 ft^2 or less;
  - At least five bulk samples shall be collected from each homogeneous area of surfacing material that is greater than 1,000 ft^2 but less than or equal to 5,000 ft^2;
  - At least seven bulk samples shall be collected from each homogeneous area of surfacing material that is greater than 5,000 ft^2;
- Thermal system insulation:
  - At least three bulk samples shall be collected from each homogeneous area of thermal system insulation;
  - At least one bulk sample shall be collected from each homogeneous patched area of thermal system insulation;
  - Sufficient samples shall be collected from elbows and fittings;
  - Bulk samples shall not be collected from any homogeneous area where the state-licensed asbestos inspector determines that the thermal system insulation is fiberglass, foam glass, rubber, or other non-ACM;
- Miscellaneous material (e.g., joint compound, roofing, gaskets, floor coverings, decorative coatings, wire insulation):
  - At least two bulk samples shall be collected from each homogeneous area of miscellaneous material that is less than 100 ft^2; and
  - At least three bulk samples shall be collected from each homogeneous area of miscellaneous material that is greater than 100 ft^2.

Areas that were inaccessible or where the survey was limited to visual observation only:

- within walls
- within enclosed pipe/duct chases
- inside mechanical equipment/ductwork
- inside electrical equipment

2.2 Analytical Methodology

Ninety-eight (98) bulk samples were collected from forty-eight (48) homogeneous areas and submitted using COC procedures to AmeriSci for analysis (PLM and TEM) as required by the New York State Environmental Laboratory Approval Program (ELAP) and the State of New Jersey. PLM analysis of friable materials was performed using NYS ELAP Method 198.1. Samples of Non-Friable Organically Bound (NOB) materials were analyzed by PLM (NYS ELAP Method 198.6) subsequent to matrix reduction. NOB samples that were identified as non-ACM by PLM methods were re-analyzed by TEM (NYS ELAP Method 198.4) for confirmation purposes. AmeriSci is accredited by the American Industrial Hygiene Association (AIHA) and participates in the National Voluntary Laboratory Accreditation Program (NVLAP).

The EPA, Occupational Safety and Health Administration (OSHA), and Part 56 of Title 12 of the Official Compilation of Codes, Rules, and Regulations of the State of New York (12 NYCRR Part 56) defines any material that contains greater than one percent (>1%) asbestos as being an ACM. As such, the analytical laboratory identified bulk samples as positive for asbestos that met the regulatory criteria of greater than one percent (>1%) asbestos.

2.3 ACM Results

Five (5) of the materials sampled as part of this survey were found to contain greater than one percent (>1%) asbestos. Two (2) of the materials sampled as a part of this survey were found to contain trace amounts of asbestos (<1%). Two (2) of the materials were assumed to contain asbestos. The boiler house insulation and glazing are considered significantly damaged and are not readily distinguishable from the boiler house debris. Therefore, the boiler house debris pile is considered ACM contaminated. ACM Bulk Sample Results are provided in Appendix A. The laboratory report and COC documentation are provided in Appendix B.

Estimated quantities of materials identified as ACM during this survey are presented in Table 2-1.

TABLE 2-1
Estimated Quantities of ACM
GATE Building Demolition
Gateway National Recreation Area

Location	Description of Material	Percent and Type of Asbestos	Estimated Quantity	
			Amount	Units
Miller Field Building 5 Garage				
Exterior Wall	Transite Siding Gray Panel	3.3% Chrysotile	1,500	SF
Exterior, North	Window Frame White Caulking	<0.3% Chrysotile*	80	LF
Exterior South	Garage Door Frame Gray Caulking	Anthophyllite Trace*	100	LF
Fort Tilden Building T148 Small Storage				
Storage	Exhaust Caulking Grey	6% Chrysotile	4	LF
Roof	Transite Panel Gray	14% Chrysotile	250	SF
NIKE Launch Site Building 435 Boiler House				
Boiler House	Pipe Fitting Gray Insulation (In Debris)	44% Chrysotile	12	SF

TABLE 2-1 Estimated Quantities of ACM GATE Building Demolition Gateway National Recreation Area				
Boiler House	White Window Glazing (In Debris)	2.2% Chrysotile	12	LF
Boiler House	Boiler Door Brown Thermal Insulation (In Debris)	Assumed	6	SF
Boiler House	Asbestos Contaminated Debris	Assumed	40	CY
Notes: SF = Square Feet; LF = Linear Feet; EA = Each; CY = Cubic Yards; * = Material Analyzed by TEM				

3.0 LEAD CONTAINING PAINT SURVEY

An LCP survey was conducted by collecting and analyzing paint chips from painted surfaces and systems that may be impacted by the GATE Building Demolition project.

3.1 Sampling Methodology

Paint chip samples are collected using a sharp hand tool to score and peel paint off an approximate 1 square inch area of the substrate. Different tools such as chisels, putty knives, and hammers may also be needed in the collection of paint chips. All tools are cleaned after each sampling to prevent cross contamination. Collected paint chip samples are submitted under COC procedures to an accredited laboratory and analyzed via atomic absorption (AA).

3.2 Analytical Methodology

The regulations addressing LCP in non-residential buildings are focused on occupational exposures involved with paint-disturbing activities and related waste-disposal activities. Occupational exposure to lead is regulated by OSHA regulation 29 CFR 1926.62, Lead in Construction, as well as other applicable state and local regulations.
An LCP survey cannot determine a safe level of lead for the purpose of paint-disturbing/waste-disposal activities but is intended to provide guidance as to the locations of surfaces containing lead.

Contractors may use this information to better determine where worker exposures to airborne lead and other hazards may occur. They can then assess the potential magnitude of exposure to their employees and identify the controls necessary to limit health risks. This information can also be used for pre-characterization of demolition waste streams prior to toxicity characteristic leaching procedure (TCLP) sampling in accordance with 40 CFR Part 261.

Fourteen (14) samples, each from a different homogenous area, were collected during this survey. Paint chip samples were submitted using COC procedures to SAI. Analysis was conducted using EPA SW-846 Test Method 7000B: Flame Atomic Absorption Spectrophotometry.

3.3 LCP Results

A concentration of lead greater than or equal to 0.5 mg/Kg percent by weight or 1.0 mg/cm² exceeds EPA and HUD residential standards and is considered an indicator of risk. The results of this LCP sampling survey and the three (3) samples that indicate risk are presented in Table 3-1. The laboratory report and COC documentation are provided in Appendix C.

TABLE 3-1
Paint Chip Analytical Results
GATE Building Demolition
Gateway National Recreation Area

Sample No.	Sample Location	Substrate and Component	Color	Result (% by weight)
PC-Pb-01	Building 435 Boiler House	Metal Roof Paint	Green	2.4%
PC-Pb-02	Building 435 Boiler House	Metal Wall Paint	White	2.2%
PC-Pb-03	Building 5 Garage, Right Door	Wooden Door Frame Paint	Brown	0.23%
PC-Pb-04	Building 5 Garage, Left Door	Wooden Siding Paint	White	0.48%
PC-Pb-05	Ranger Trailer, Exterior Right Staircase	Wood Railing Paint	Red	<0.0025%
PC-Pb-06	Ranger Trailer, Exterior	Metal Fence Paint	Black	<0.0035%
PC-Pb-07	Ranger Trailer, Exterior Left Staircase	Metal Door Paint	Brown	<0.0031%
PC-Pb-08	Ranger Trailer, Exterior	Metal Panel Paint	White	0.029%
PC-Pb-09	Building 354 SWAT Office, Front Room	Gypsum Wall Paint	Blue	<0.0026%
PC-Pb-10	Building 354 SWAT Office, Reception	Gypsum Wall Paint	White	<0.0054%
PC-Pb-11	Building 354 SWAT Office, Exterior Main Entry	Metal Door Paint	Brown	0.0043%
PC-Pb-12	Building T148 Interior	Concrete Wall Paint	White	0.39%
PC-Pb-13	Building T148 Interior	Concrete Wall Paint	Blue	0.18%
PC-Pb-14	Building T148 Interior	Metal Beam Paint	Silver	16%

4.0 BUILDING MATERIAL PCB SURVEY

Inspection and representative sampling of suspect building materials for Polychlorinated Biphenyls (PCBs) was conducted as part of this hazardous building materials survey. The survey for PCBs included the sampling of glazing and caulking materials that may be impacted by the proposed work. Collected samples were submitted using COC procedures to Pace of Westborough, Massachusetts. Analysis was conducted using Extraction Method EPA 3540C. Laboratory analytical reports are included in Appendix D. Results of the PCB sampling are presented in Table 4-1.

TABLE 4-1
PCB Analytical Results
GATE Building Demolition
Gateway National Recreation Area

Sample No.	Location	Material	Result (ppm)
PCB-01	Ranger Trailer Exterior	White Door Frame Caulk	ND
PCB-02	Building 5 Garage Exterior, South	White Wood Siding Caulk	ND
PCB-03	Building 354 SWAT Office, Interior	Blue Window Frame Caulk	ND
PCB-04	Building 354 SWAT Office, Exterior	White Window Frame Caulk	ND
PCB-05	Building T148, Interior	White Window Glazing	ND

Notes: ND = None Detected

5.0 RECOMMENDATIONS

This section presents a summary of the conclusions and recommendations from the pre-demolition hazardous building materials survey at the Gateway National Recreation Area. Prior to initiating plans for demolition activities, the survey results presented herein should be reviewed to determine whether any of the identified regulated building materials will be disturbed by proposed work activities.

5.1 Asbestos

The planned demolition of the building will disturb the ACM listed in Table 2-1 and will require removal of these materials by a licensed asbestos abatement contractor prior to being disturbed. Any suspect materials encountered during demolition activities that were not identified in this report as being non-ACM should be assumed to be ACM unless sample results prove otherwise. Suspect ACM that may be present within the walls, above inaccessible hard ceilings, or in other inaccessible locations, should be assumed to contain asbestos if discovered during any renovation or demolition process or until otherwise verified. Where laboratory analysis identified trace asbestos, this material must be managed as ACWM and requires special storage, disposal, packaging, and transport requirements.

5.2 Lead Containing Paint

The purpose of the LCP screening survey was to identify patterns of LCP. For the purpose of this LCP screening survey a limited amount of representative interior and exterior building components were tested. The regulations addressing LCP in non-residential buildings are focused on protecting workers involved with paint-disturbing activities and related waste-disposal activities.

Occupational exposure to lead in construction is regulated by OSHA regulation 29 CFR 1926.62 “Lead in Construction”, as well as other applicable state and local regulations. These regulations involve the air monitoring of workers to determine exposure levels when disturbing paint containing measurable concentrations of lead. An LCP survey cannot determine the safe level of lead for the purpose of paint-disturbing activities but is intended to provide guidance as to the locations of LCP. Employers and contractors may use this information to better determine where worker exposures to airborne lead may occur and, through the interpretation of LCP concentration data, assess the potential magnitude of exposure to their employees and identify the controls necessary to limit health risks.

A concentration of lead greater than or equal to 0.5 mg/Kg percent by weight or 1.0 mg/cm2 exceeds EPA and HUD residential standards is considered an indicator of risk. Representative samples of LCP waste to be generated during building renovation, or following demolition but prior to disposal, should be collected and analyzed using toxicity characteristic leaching procedure (TCLP) in accordance with 40 CFR Part 261. Management and disposal of lead containing waste must be done in accordance with all applicable local, state, and federal regulations. OSHA regulations may require certain procedures for any paint that contains lead, even if it is below these levels. All LCP identified, regardless of the lead content, should either be sampled and analyzed by TCLP and then handled/disposed of accordingly, or segregated from other large-scale debris and then managed as hazardous waste in accordance with federal, state, and local hazardous waste disposal regulations.

5.3 Polychlorinated Biphenyls

The suspect PCB building material sampling results determined the materials to be non-detect and to meet the TSCA Excluded PCB Product definition. Excluded PCB Product waste can be managed as solid waste at any landfill permitted to accept waste with PCB levels up to those observed.

APPENDIX A

ACM Bulk Sample Results

Appendix A ACM Bulk Sample Results GATE Building Demolition Gateway National Recreation Area			
Sample No.	**Sample Location**	**Description of Material**	**Percent and Type of Asbestos**
Great Kills Ranger Trailer			
01	Main Office	Linoleum Floor Tan Covering	NAD*
02	Material Storage, East	Linoleum Floor Tan Covering	NAD*
03	Main Office, West	Linoleum Floor Covering Gold Mastic*	NAD
04	Material Storage, East	Linoleum Floor Covering Gold Mastic*	NAD
05	Main Office, West	Door Felt Insulation	NAD
06	Material Storage, East	Door Felt Insulation	NAD
07	Bathroom	Ceiling Wallboard Grey	NAD
08	Room by Bathroom	Ceiling Wallboard Grey	NAD
09	Bathroom	Joint Compound	NAD
10	Room by Bathroom	Joint Compound	NAD
11	By Main Office Entrance	Wood Wall Panel Yellow Mastic	NAD*
12	Main Office, West	Wood Wall Panel Yellow Mastic	NAD*
13	Exterior Main Entrance	White Door Caulking	NAD*
14	Side Entrance	White Door Caulking	NAD*
15	Roof East	Black Tar	NAD*
16	Roof West	Black Tar	NAD*
17	Main Office, West	Ceiling Felt Grey Paper	NAD
18	Room by Bathroom	Ceiling Felt Grey Paper	NAD
Miller Field Building 5 Garage			
01	Exterior Wall, East	Transite Siding Gray Panel	3.3% Chrysotile
02	Exterior Wall, West	Transite Siding Gray Panel	NA/SP
03	Exterior Wall, East	Waterproofing Black Material	NAD*
04	Exterior Wall, West	Waterproofing Black Material	NAD*
05	Exterior, North	Window Frame White Caulking	NAD*
06	Exterior, North	Window Frame White Caulking	<0.3% Chrysotile*
07	Exterior, South	Garage Door Frame Gray Caulking	Anthophyllite Trace*
08	Exterior, South	Garage Door Frame Gray Caulking	Anthophyllite Trace*
09	Exterior, South	Garage Door Frame Red Paint	NAD*
10	Exterior, South	Garage Door Frame Red Paint	NAD*
11	Roof, East	Roof Felt Paper	NAD*
12	Roof, West	Roof Felt Paper	NAD*
13	Roof, West	Roof Stone	NAD
14	Roof, West	Roof Stone	NAD
Fort Tilden Building T148 Small Storage			
01	Storage	Black Electrical Wire Insulation	NAD

Appendix A ACM Bulk Sample Results GATE Building Demolition Gateway National Recreation Area			
Sample No.	**Sample Location**	**Description of Material**	**Percent and Type of Asbestos**
02	Storage	Black Electrical Wire Insulation	NAD
03	Storage	White Window Glazing	NAD*
04	Storage	White Window Glazing	NAD*
05	Storage	Exhaust Caulking Grey	6% Chrysotile
06	Storage	Exhaust Caulking Grey	NA/SP
07	Roof	Exhaust Waterproofing Material Black	NAD*
08	Roof	Exhaust Waterproofing Material Black	NAD*
09	Roof	Transite Panel Gray	14% Chrysotile
10	Roof	Transite Panel Gray	NA/SP
11	South Side	Brick mortar	NAD
12	North Side	Brick mortar	NAD
Fort Wadsworth Building 354 SWAT Office			
01	Office, North	Gray Wallboard	NAD
02	By Bathrooms, South	Gray Wallboard	NAD
03	Office, North	Joint Compound	NAD
04	By Bathrooms, South	Joint Compound	NAD
05	Office, East	Cove Base Yellow Mastic	NAD*
06	Corridor	Cove Base Yellow Mastic	NAD*
07	Office by Main Entrance	12" x 12" Grey Floor Tile	NAD*
08	Corridor By Bathrooms	12" x 12" Grey Floor Tile	NAD*
09	Office by Main Entrance	12" x 12" Floor Tile Yellow Mastic	NAD*
10	Corridor By Bathrooms	12" x 12" Floor Tile Yellow Mastic	NAD*
11	Office by Main Entrance	White Acoustical Ceiling Tile	NAD*
12	Corridor	White Acoustical Ceiling Tile	NAD*
13	Office, South	Interior White Window Caulking	NAD*
14	Office, North	Interior White Window Caulking	NAD*
15	Bathroom	Ceramic Wall Tile White Grout	NAD
16	Bathroom	Ceramic Wall Tile White Grout	NAD
17	Bathroom	Ceramic Wall Tile Beige Mortar	NAD
18	Bathroom	Ceramic Wall Tile Beige Mortar	NAD
19	Bathroom	Ceramic Floor Tile Tan Grout	NAD
20	Bathroom	Ceramic Floor Tile Tan Grout	NAD
21	Bathroom	Ceramic Floor Tile Gray Mortar	NAD
22	Bathroom	Ceramic Floor Tile Gray Mortar	NAD
23	Main Entrance	Interior Door White Caulking	NAD*
24	Side Entrance	Interior Door White Caulking	NAD*

Appendix A ACM Bulk Sample Results GATE Building Demolition Gateway National Recreation Area			
Sample No.	**Sample Location**	**Description of Material**	**Percent and Type of Asbestos**
25	East Side	Exterior Window Gray Caulking	NAD*
26	South Side	Exterior Window Gray Caulking	NAD*
27	Main Office	Ceiling Wallboard Brown	NAD
28	By Bathrooms	Ceiling Wallboard Brown	NAD
29	Main Office	Ceiling Joint Compound White/Beige	NAD
30	By Bathrooms	Ceiling Joint Compound White/Beige	NAD
31	West Office	Brick Mortar Gray	NAD
32	North Office	Brick Mortar Gray	NAD
33	Exterior, North	Cinderblock Mortar Gray	NAD
34	Exterior, South	Cinderblock Mortar Gray	NAD
35	Exterior, South	Louver Caulking Gray	NAD*
36	Exterior, North	Louver Caulking Gray	NAD*
37	Roof, South	Roofing Membrane Black	NAD*
38	Roof, North	Roofing Membrane Black	NAD*
39	Roof, South	Felt	NAD*
40	Roof, North	Felt	NAD*
NIKE Launch Site Building 435 Boiler House			
01	Boiler House	Pipe Fitting Gray Insulation	44% Chrysotile
02	Boiler House	Pipe Fitting Gray Insulation	NA/SP
03	Boiler House	Pipe Fitting Gray Insulation	NA/SP
04	Boiler House	Boiler Door Brown Thermal Insulation	NA
05	Boiler House	Boiler Door Brown Thermal Insulation	NA
06	Boiler House	Boiler Door Brown Thermal Insulation	NA
07	Boiler House	Fire Brick, Brown	NAD
08	Boiler House	Fire Brick, Brown	NAD
09	Boiler House	Fire Brick, Gray Mortar	NAD
10	Boiler House	Fire Brick, Gray Mortar	NAD
11	Boiler House	Brick, Gray Mortar	NAD
12	Boiler House	Brick, Gray Mortar	NAD
13	Boiler House	White Window Glazing	2.2% Chrysotile
14	Boiler House	White Window Glazing	NA/SP

Notes: NAD = No Asbestos Detected; NA/SP = Not Analyzed/Stop Positive * = Sample Analyzed by TEM; NA = Not Analyzed, Insufficient Sample

APPENDIX B

ACM Laboratory Report and Chain of Custody Documentation

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800

December 21, 2024

Mabbett & Associates, Inc.
Attn: Michael Delaney
105 Central Street
Suite 4100
Stoneham, MA 02180

RE: Mabbett & Associates, Inc.
Job Number 124121504
P.O. #A53466
A53466; B5 Garage, Staten Island, NY

Dear Michael Delaney:

Enclosed are the results of Asbestos Analysis - Bulk Protocol of the following Mabbett & Associates, Inc. samples, received at AmeriSci on Monday, December 16, 2024, for a 5 day turnaround:

GI1211-01, GI1211-02, GI1211-03, GI1211-04, GI1211-05, GI1211-06, GI1211-07, GI1211-08, GI1211-09, GI1211-10, GI1211-11, GI1211-12, GI1211-13, GI1211-14

The 14 samples, placed in zip lock bag, were shipped to AmeriSci via Fed Ex 7706 1695 0310 . Mabbett & Associates, Inc. requested ELAP PLM/TEM analysis of these samples.

The results of the analyses which were performed under NYSDOH ELAP Lab Certification # 10984 following ELAP 198.4 TEM guidelines are presented within the Summary Table of this report. The presence of matrix reduction data in the Summary Table normally indicates an NOB sample. For NOB samples the individual matrix reduction and TEM analysis results are listed in Table I. Complete PLM results for individual samples analyzed by ELAP 198.1 (friable) and ELAP 198.6 (NOB) are presented in the PLM Bulk Asbestos Report. This combined report relates ONLY to sample analysis expressed as percent composition by weight and percent asbestos. This report must not be used to claim product endorsement or approval by these laboratories, NVLAP, ELAP or any other associated agency. The National Institute of Standards and Technology accreditation requirements, mandate that this report must not be reproduced, except in full without the written approval of the laboratory. This report may contain specific data not covered by NVLAP or ELAP accreditations respectively, if so identified in relevant footnotes.

AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,

Beverly A. Schrage

Senior Analyst | Authorized Signatory

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800

PLM Bulk Asbestos Report

Mabbett & Associates, Inc.
Attn: Michael Delaney
105 Central Street
Suite 4100
Stoneham, MA 02180

Date Received 12/16/2024 **AmeriSci Job #** 124121504
Date Examined 12/20/24 **P.O. #**
ELAP # 10984 **Page** 1 **of** 3
RE: A53466; B5 Garage, Staten Island, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI1211-01 01	124121504-01	***Yes***	3.3% (EPA 600/M4-82-020) by Eric H. Ahles on 12/20/24	
Location: Exterior Wall East; Transite Siding Gray Panel **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** Chrysotile 3.3% **Other Material:** Non-fibrous 96%				
GI1211-02 01	124121504-02		NA/PS	
Location: Exterior Wall West; Transite Siding Gray Panel **Analyst Description:** Bulk Material **Asbestos Types:** **Other Material:**				
GI1211-03 02	124121504-03	***No***	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Eric H. Ahles on 12/20/24	*1*
Location: Exterior Wall East; Waterproofing Black Material **Analyst Description:** Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 1.6% **Comment:** Heat Sensitive (organic): 96.7%; Acid Soluble (inorganic): 1.7%; Inert (Non-asbestos): 1.6%				
GI1211-04 02	124121504-04	***No***	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Eric H. Ahles on 12/20/24	*1*
Location: Exterior Wall West; Waterproofing Black Material **Analyst Description:** Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 3.1% **Comment:** Heat Sensitive (organic): 95.3%; Acid Soluble (inorganic): 1.5%; Inert (Non-asbestos): 3.1%				
GI1211-05 03	124121504-05	***No***	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Eric H. Ahles on 12/20/24	*1*
Location: Exterior North; Window Frame White Caulking **Analyst Description:** White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 25% **Comment:** Heat Sensitive (organic): 33.8%; Acid Soluble (inorganic): 40.9%; Inert (Non-asbestos): 25.2%				

See Reporting notes on last page

PLM Bulk Asbestos Report

A53466; B5 Garage, Staten Island, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI1211-06 03	124121504-06	***Yes***	Inconclusive - Trace Chrysotile detected at 1% or less (NOB by EPA 600/M4-82-020) by Eric H. Ahles on 12/20/24	*2*

Location: Exterior North; Window Frame White Caulking

Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types: Chrysotile <0.3 % pc
Other Material: Non-Asbestos 4.5%

Comment: Heat Sensitive (organic): 31.5%; Acid Soluble (inorganic): 64.0%; Inert (Non-asbestos): 4.5%

GI1211-07 04	124121504-07	***No***	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Eric H. Ahles on 12/20/24	*1*

Location: Exterior South; Garage Door Frame Gray Caulking
Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-Asbestos 1.2%

Comment: Heat Sensitive (organic): 30.6%; Acid Soluble (inorganic): 68.3%; Inert (Non-asbestos): 1.2%

GI1211-08 04	124121504-08	***No***	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Eric H. Ahles on 12/20/24	*1*

Location: Exterior South; Garage Door Frame Gray Caulking
Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-Asbestos 9.8%

Comment: Heat Sensitive (organic): 31.6%; Acid Soluble (inorganic): 58.6%; Inert (Non-asbestos): 9.8%

GI1211-09 05	124121504-09	***No***	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Eric H. Ahles on 12/20/24	*1*

Location: Exterior South; Garage Door Frame Red Paint
Analyst Description: Red, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-Asbestos 42%

Comment: Heat Sensitive (organic): 38.7%; Acid Soluble (inorganic): 19.3%; Inert (Non-asbestos): 42.0%

GI1211-10 05	124121504-10	***No***	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Eric H. Ahles on 12/20/24	*1*

Location: Exterior South; Garage Door Frame Red Paint
Analyst Description: Red, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-Asbestos 42%

Comment: Heat Sensitive (organic): 38.3%; Acid Soluble (inorganic): 18.9%; Inert (Non-asbestos): 42.8%

GI1211-11 06	124121504-11	***No***	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Eric H. Ahles on 12/20/24	*1*

Location: Roof East; Roof Felt Paper
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-Asbestos 7.3%

Comment: Heat Sensitive (organic): 89.7%; Acid Soluble (inorganic): 3.0%; Inert (Non-asbestos): 7.3%

See Reporting notes on last page

PLM Bulk Asbestos Report

A53466; B5 Garage, Staten Island, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI1211-12 06	124121504-12	***No***	Inconclusive - NAD (NOB by NYS ELAP 198.6) by Eric H. Ahles on 12/20/24	*1*

Location: Roof West; Roof Felt Paper
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-Asbestos 8.5%
Comment: Heat Sensitive (organic): 88.1%; Acid Soluble (inorganic): 3.4%; Inert (Non-asbestos): 8.5%

GI1211-13 07	124121504-13	***No***	NAD (by NYS ELAP 198.1) by Eric H. Ahles on 12/20/24	

Location: Roof West; Roof Stone
Analyst Description: Black, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 100%

GI1211-14 07	124121504-14	***No***	NAD (by NYS ELAP 198.1) by Eric H. Ahles on 12/20/24	

Location: Roof West; Roof Stone
Analyst Description: Black, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 100%

Reporting Notes:

(1) NAD results by NYS 198.6 are inconclusive and are not considered non-ACM

(2) Trace <1% results by NYS 198.6 are inconclusive and are not considered non-ACM

Analyzed by: Eric H. Ahles
Date: 12/20/2024

Reviewed by: Beverly A. Schrage

*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis using Meiji, Model MT 6130 microscope, Serial #1410298, by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.

Client Name: Mabbett & Associates, Inc.

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

A53466; B5 Garage, Staten Island, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	GI1211-01	01	----	----	----	----	Chrysotile 3.3	NA
Location:	Exterior Wall East; Transite Siding Gray Panel							
02	GI1211-02	01	----	----	----	----	NA/PS	NA
Location:	Exterior Wall West; Transite Siding Gray Panel							
03	GI1211-03	02	0.529	96.7	1.7	1.6	NAD	NAD
Location:	Exterior Wall East; Waterproofing Black Material							
04	GI1211-04	02	0.712	95.3	1.5	3.1	NAD	NAD
Location:	Exterior Wall West; Waterproofing Black Material							
05	GI1211-05	03	0.468	33.8	40.9	25.2	NAD	NAD
Location:	Exterior North; Window Frame White Caulking							
06	GI1211-06	03	0.641	31.5	64.0	4.5	Chrysotile <0.3	NAD
Location:	Exterior North; Window Frame White Caulking							
07	GI1211-07	04	0.531	30.6	68.3	1.1	NAD	Anthophyllite Trace
Location:	Exterior South; Garage Door Frame Gray Caulking							
08	GI1211-08	04	0.293	31.6	58.6	9.7	NAD	Anthophyllite Trace
Location:	Exterior South; Garage Door Frame Gray Caulking							
09	GI1211-09	05	0.617	38.7	19.3	42.0	NAD	NAD
Location:	Exterior South; Garage Door Frame Red Paint							
10	GI1211-10	05	0.583	38.3	18.9	42.8	NAD	NAD
Location:	Exterior South; Garage Door Frame Red Paint							
11	GI1211-11	06	0.380	89.7	3.0	7.3	NAD	NAD
Location:	Roof East; Roof Felt Paper							
12	GI1211-12	06	0.387	88.1	3.4	8.5	NAD	NAD
Location:	Roof West; Roof Felt Paper							
13	GI1211-13	07	----	----	----	----	NAD	NA
Location:	Roof West; Roof Stone							
14	GI1211-14	07	----	----	----	----	NAD	NA
Location:	Roof West; Roof Stone							

See Reporting notes on last page

Client Name: Mabbett & Associates, Inc.

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

A53466; B5 Garage, Staten Island, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM

Analyzed by: Beverly A. Schrage Reviewed by: Beverly A. Schrage

Date: 12/21/2024

Semi-Quantitative Analysis: NAD = no asbestos detected; NA = not analyzed; NA/PS = not analyzed due to positive stop; Trace = <1%; PLM analysis by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) or NY ELAP 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NY ELAP Lab # 10984); TEM prep by EPA 600/R-93/116 Section 2.3 (analysis by Section 2.5, not covered by NVLAP Bulk accreditation); or NY ELAP 198.4 for New York NOB samples (NY ELAP Lab # 10984). Analysis using Jeol, Model JEM-100CX II microscope, Serial #156147-247. ** Warning Notes: Consider PLM fiber diameter limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris, soils or other heterogeneous materials for which a combination PLM/TEM evaluation is recommended; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only.

124121504

HILLMANN CONSULTING

BULK SAMPLE IDENTIFICATION FORM
PLM COC, Version 3.3

DATE: 12-11-24

JOB#: A53466

Environmental Consulting & Lab Services, 1600 Route 22 East, Union, NJ 07083
(908) 688-7800 Fax (908) 686-2636 email: Gisakadze TGulya @hillmanngroup.com
+ Delaney@Mabbett.com

☑ POSITIVE STOP ON ALL HOMOG. SAMPLES

TAT for PLM - 3-6hrs 8-12hrs 24hrs 48hrs ~~72hrs~~ 5-7day
TAT for TEM - 3-6hrs 8-12hrs 24hrs 48hrs ~~72hrs~~ 5-7day
TAT for SOF-V - 1wk 2wk

CLIENT: Mabbett & Associates

LOCATION: B5 Garage, Staten Island

LAB Instructions:
- ANALYZE ALL NOBS AS INDICATED BY "⊘" VIA TEM IF NEGATIVE VIA PLM. POSITIVE STOP ON TEM ONLY
- ANALYZE BOTTOM / INNER LAYERS FIRST AS INDICATED BY "BL" — IF POSITIVE THEN STOP ANALYSIS OF OTHER LAYERS

Homg. ID	Sample # / Lab #	Floor/Room	Location Description	Material Description / Color	Quantity in SOW?	Cond Friable?	NOB	Time Sample Collected	Lab Results
01	GI1211-01	Group	Exterior wall East	Gray Trimsite siding panel	1450 SF	G Y		1300	
↓	02	↓	West	↓	↓	↓		↓	
02	03	↓	East	Black Waterproofing material	↓	G N	∅	↓	
↓	04	↓	West	↓	↓	↓	↓	↓	
03	05	↓	Exterior North	White Window frame caulking	18 LF	↓	↓	↓	
↓	06	↓	↓	↓	↓	↓	↓	↓	
04	07	↓	Exterior South	Gray Garage Door Frame caulking	48 LF	↓	↓	↓	
↓	08	↓	↓	↓	↓	↓	↓	↓	
05	09	↓	↓	Red Garage Door frame paint	60 SF	↓	↓	↓	
↓	10	↓	↓	↓	↓	↓	↓	↓	

RECEIVED
DEC 16 2024
[signature]

CHAIN OF CUSTODY

	SAMPLED BY:	TRANSPORTED BY:	RECEIVED BY:	ANALYZED BY:
Print	Giorgi Isakadze	Jacob Walsh		
Sign	[signature]	~~12/12/24~~ [signature]		
Date	12-11-24	12/12/24		

Spaces Occupied?
Spaces Operating?
Access Issues?

Material Codes
AP=acoustical plaster, **BC**=brown coat, **BF**=base flashing, **BUR**=built-up roofing, **CB**=cove base, **CBM**=cove base mastic, **CF**=curb flashing, **CFT**=ceramic floor tile, **CM**=carpet mastic, **CPM**=carpet padding mastic, **CPT**=carpet tile mastic, **CT**=ceiling tile, **CTM**=CT mastic, **CWT**=ceramic wall tile, **FP**=fireproofing, **JC**=joint compound, **JT**=joint tape, **LC**=leveling compound, **PL**=plaster, **PP**=pitch pocket, **PPW**=parapet wall flashing, **RFP**=re-inforced fiberglass panel, **SP**=soundproofing, **TP**=tar paper, **VB**=vapor barrier, **VCT**=vinyl floor tile, **VCTM**=VCT mastic, **VSF**=vinyl sheet flooring, **WB**=wallboard, **WPA**=wall paper adhesive, **PI** = pipe insulation, **PFI** = pipe fitting insulation, **FG** = fiberglass line **ALL OTHER DESCRIPTIONS MUST BE WRITTEN OUT**

124121504

HILLMANN CONSULTING

BULK SAMPLE IDENTIFICATION FORM
PLM COC, Version 3.3

DATE: 12-11-24

JOB#: A53466

Environmental Consulting & Lab Services, 1600 Route 22 East, Union, NJ 07083
(908) 688-7800 Fax (908) 686-2636 email: @hillmanngroup.com + Delaney@Mabbett.com

☑ POSITIVE STOP ON ALL HOMOG. SAMPLES

CLIENT: Mabbett & Associates

TAT for PLM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for TEM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for SOF-V - 1wk 2wk _____

LOCATION: B5 Gorge, Staten Island, NY

LAB Instructions: •ANALYZE ALL NOBS AS INDICATED BY ∅ " VIA TEM IF NEGATIVE VIA PLM. POSITIVE STOP ON TEM ONLY
•ANALYZE BOTTOM / INNER LAYERS FIRST AS INDICATED BY "BL" – IF POSITIVE THEN STOP ANALYSIS OF OTHER LAYERS

Homg. ID	Sample # / Lab #	Floor/Room	Location Description	Material Description / Color	Quantity in SOW?	Cond Friable?	NOB	Time Sample Collected	Lab Results
06	GI1211-11	Roof	Roof East	Roof Felt paper	1,200 SF	G / N	∅	1300	
↓	12	↓	West	↓	↓	↓	↓	↓	
07	13	↓	↓	Roof stone	↓	↓	↓	↓	
↓	14	↓	↓	↓	↓	↓	↓	1500	

RECEIVED
DEC 16 2024
ORL

CHAIN OF CUSTODY

	SAMPLED BY:	TRANSPORTED BY:	RECEIVED BY:	ANALYZED BY:
Print	Georgi Georgiev	Jacob Walsh		
Sign				
Date	12-11-24	12/12/24		

Spaces Occupied?
Spaces Operating?
Access Issues?

Material Codes
AP=acoustical plaster, **BC**=brown coat, **BF**=base flashing, **BUR**=built-up roofing, **CB**=cove base, **CBM**=cove base mastic, **CF**=curb flashing, **CFT**=ceramic floor tile, **CM**=carpet mastic, **CPM**=carpet padding mastic, **CPT**=carpet tile mastic, **CT**=ceiling tile, **CTM**=CT mastic, **CWT**=ceramic wall tile, **FP**=fireproofing, **JC**=joint compound, **JT**=joint tape, **LC**=leveling compound, **PL**=plaster, **PP**=pitch pocket, **PPW**=parapet wall flashing, **RFP**=re-inforced fiberglass panel, **SP**=soundproofing, **TP**=tar paper, **VB**=vapor barrier, **VCT**=vinyl floor tile, **VCTM**=VCT mastic, **VSF**=vinyl sheet flooring, **WB**=wallboard, **WPA**=wall paper adhesive, **PI** = pipe insulation, **PFI** = pipe fitting insulation, **FG** = fiberglass line **ALL OTHER DESCRIPTIONS MUST BE WRITTEN OUT**

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800

December 21, 2024

Mabbett & Associates, Inc.
Attn: Michael Delaney
105 Central Street
Suite 4100
Stoneham, MA 02180

RE: Mabbett & Associates, Inc.
Job Number 124121506
P.O. #A53466
A53466; Ranger Trailer, Great Kills, 205 Buffalo, St, SI, NY

Dear Michael Delaney:

Enclosed are the results of Asbestos Analysis - Bulk Protocol of the following Mabbett & Associates, Inc. samples, received at AmeriSci on Monday, December 16, 2024, for a 5 day turnaround:

GI1211-01, GI1211-02, GI1211-03, GI1211-04, GI1211-05, GI1211-06, GI1211-07, GI1211-08, GI1211-09, GI1211-10, GI1211-11, GI1211-12, GI1211-13, GI1211-14, GI1211-15, GI1211-16, GI1211-17, GI1211-18

The 18 samples, placed in zip lock bag, were shipped to AmeriSci via Fed Ex 7706 1695 0310 . Mabbett & Associates, Inc. requested ELAP PLM/TEM analysis of these samples.

The results of the analyses which were performed under NYSDOH ELAP Lab Certification # 10984 following ELAP 198.4 TEM guidelines are presented within the Summary Table of this report. The presence of matrix reduction data in the Summary Table normally indicates an NOB sample. For NOB samples the individual matrix reduction and TEM analysis results are listed in Table I. Complete PLM results for individual samples analyzed by ELAP 198.1 (friable) and ELAP 198.6 (NOB) are presented in the PLM Bulk Asbestos Report. This combined report relates ONLY to sample analysis expressed as percent composition by weight and percent asbestos. This report must not be used to claim product endorsement or approval by these laboratories, NVLAP, ELAP or any other associated agency. The National Institute of Standards and Technology accreditation requirements, mandate that this report must not be reproduced, except in full without the written approval of the laboratory. This report may contain specific data not covered by NVLAP or ELAP accreditations respectively, if so identified in relevant footnotes.

AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,

Beverly A. Schrage

Senior Analyst | Authorized Signatory

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800

PLM Bulk Asbestos Report

Mabbett & Associates, Inc.
Attn: Michael Delaney
105 Central Street
Suite 4100
Stoneham, MA 02180

Date Received 12/16/2024 **AmeriSci Job #** 124121506
Date Examined 12/20/24 **P.O. #**
ELAP # 10984 **Page** 1 **of** 4
RE: A53466; Ranger Trailer, Great Kills, 205 Buffalo, St, SI, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI1211-01 01	124121506-01	***No***	Inconclusive - NAD (NOB by NYS ELAP 198.6) by William M. Dunstan on 12/20/24	*1*

Location: Main Office; Linoleum Floor Tan Covering
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 21%
Comment: Heat Sensitive (organic): 68.2%; Acid Soluble (inorganic): 10.5%; Inert (Non-asbestos): 21.3%

GI1211-02 01	124121506-02	***No***	Inconclusive - NAD (NOB by NYS ELAP 198.6) by William M. Dunstan on 12/20/24	*1*

Location: Material Storage Area; Linoleum Floor Tan Covering
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 34%
Comment: Heat Sensitive (organic): 57.8%; Acid Soluble (inorganic): 8.2%; Inert (Non-asbestos): 34.0%

GI1211-03 02	124121506-03	***No***	Inconclusive - NAD (NOB by NYS ELAP 198.6) by William M. Dunstan on 12/20/24	*1*

Location: Main Office West; Linoleum Floor Covering Gold Mastic
Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 36%
Comment: Heat Sensitive (organic): 60.1%; Acid Soluble (inorganic): 3.1%; Inert (Non-asbestos): 36.8%

GI1211-04 02	124121506-04	***No***	Inconclusive - NAD (NOB by NYS ELAP 198.6) by William M. Dunstan on 12/20/24	*1*

Location: Material Storage East Area; Linoleum Floor Covering Gold Mastic
Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 26%
Comment: Heat Sensitive (organic): 69.3%; Acid Soluble (inorganic): 3.8%; Inert (Non-asbestos): 26.9%

GI1211-05 03	124121506-05	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 12/20/24	

Location: Main Office West; Door Felt Insulation
Analyst Description: Brown, Heterogeneous, Fibrous, Bulk Material
Asbestos Types:
Other Material: Cellulose 98%, Non-fibrous 2.0%

See Reporting notes on last page

PLM Bulk Asbestos Report

A53466; Ranger Trailer, Great Kills, 205 Buffalo, St, SI, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI1211-06 03	124121506-06	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 12/20/24	
Location: Material Storage East Area; Door Felt Insulation **Analyst Description:** Brown, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 98%, Non-fibrous 2.0%				
GI1211-07 04	124121506-07	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 12/20/24	
Location: Bathroom; Ceiling Wallboard Grey **Analyst Description:** Brown/Grey, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 2.0%, Fibrous glass 2.0%, Non-fibrous 96%				
GI1211-08 04	124121506-08	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 12/20/24	
Location: Room By Bathroom; Ceiling Wallboard Grey **Analyst Description:** Brown/Grey, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 2.0%, Fibrous glass 2.0%, Non-fibrous 96%				
GI1211-09 05	124121506-09	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 12/20/24	
Location: Bathroom; Joint Compound, White **Analyst Description:** White, Heterogeneous, Non-Fibrous, Textured Material **Asbestos Types:** **Other Material:** Non-fibrous 100% **Comment:** No joint compound in sample.				
GI1211-10 05	124121506-10	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 12/20/24	
Location: Room By Bathroom; Joint Compound, White **Analyst Description:** White, Heterogeneous, Non-Fibrous, Textured Material **Asbestos Types:** **Other Material:** Non-fibrous 100% **Comment:** No joint compound in sample.				
GI1211-11 06	124121506-11	***No***	Inconclusive - NAD (NOB by NYS ELAP 198.6) by William M. Dunstan on 12/20/24	*1*
Location: By Main Office Entrance; Wood Wall Panel Yellow Mastic **Analyst Description:** Yellow, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 5.2% **Comment:** Heat Sensitive (organic): 55.9%; Acid Soluble (inorganic): 38.9%; Inert (Non-asbestos): 5.2%				

See Reporting notes on last page

PLM Bulk Asbestos Report

A53466; Ranger Trailer, Great Kills, 205 Buffalo, St, SI, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI1211-12 06	124121506-12	***No***	Inconclusive - NAD (NOB by NYS ELAP 198.6) by William M. Dunstan on 12/20/24	*1*

Location: Main Office West; Wood Wall Panel Yellow Mastic
Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 5.6%
Comment: Heat Sensitive (organic): 55.8%; Acid Soluble (inorganic): 38.7%; Inert (Non-asbestos): 5.6%

GI1211-13 07	124121506-13	***No***	Inconclusive - NAD (NOB by NYS ELAP 198.6) by William M. Dunstan on 12/20/24	*1*

Location: Exterior Main Entrance; Door Caulking, White
Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 2.5%
Comment: Heat Sensitive (organic): 21.0%; Acid Soluble (inorganic): 76.5%; Inert (Non-asbestos): 2.5%

GI1211-14 07	124121506-14	***No***	Inconclusive - NAD (NOB by NYS ELAP 198.6) by William M. Dunstan on 12/20/24	*1*

Location: Side Entrance; Door Caulking, White
Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 1.7%
Comment: Heat Sensitive (organic): 21.0%; Acid Soluble (inorganic): 77.3%; Inert (Non-asbestos): 1.7%

GI1211-15 08	124121506-15	***No***	Inconclusive - NAD (NOB by NYS ELAP 198.6) by William M. Dunstan on 12/20/24	*1*

Location: Roof East; Tar, Black
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 16%
Comment: Heat Sensitive (organic): 78.8%; Acid Soluble (inorganic): 5.0%; Inert (Non-asbestos): 16.2%

GI1211-16 08	124121506-16	***No***	Inconclusive - NAD (NOB by NYS ELAP 198.6) by William M. Dunstan on 12/20/24	*1*

Location: Roof West; Tar, Black
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 11%
Comment: Heat Sensitive (organic): 52.5%; Acid Soluble (inorganic): 36.2%; Inert (Non-asbestos): 11.3%

GI1211-17 09	124121506-17	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 12/20/24	

Location: Main Office West; Ceiling Felt Grey Paper
Analyst Description: Brown, Heterogeneous, Fibrous, Bulk Material
Asbestos Types:
Other Material: Cellulose 98%, Non-fibrous 2.0%

See Reporting notes on last page

PLM Bulk Asbestos Report

A53466; Ranger Trailer, Great Kills, 205 Buffalo, St, SI, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI1211-18 09	124121506-18	***No***	NAD (by NYS ELAP 198.1) by William M. Dunstan on 12/20/24	

Location: Room By Bathroom; Ceiling Felt Grey Paper
Analyst Description: Brown, Heterogeneous, Fibrous, Bulk Material
Asbestos Types:
Other Material: Cellulose 98%, Non-fibrous 2.0%

Reporting Notes:

(1) NAD results by NYS 198.6 are inconclusive and are not considered non-ACM

Analyzed by: William M. Dunstan
Date: 12/20/2024

Reviewed by: Beverly A. Schrage

*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis using Olympus, Model BH-2 microscope, Serial #233533, by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.

Client Name: Mabbett & Associates, Inc.

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

A53466; Ranger Trailer, Great Kills, 205 Buffalo, St, SI, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	GI1211-01	01	0.355	68.2	10.5	21.3	NAD	NAD
Location: Main Office; Linoleum Floor Tan Covering								
02	GI1211-02	01	0.385	57.8	8.2	34.0	NAD	NAD
Location: Material Storage Area; Linoleum Floor Tan Covering								
03	GI1211-03	02	0.369	60.1	3.1	36.8	NAD	NAD
Location: Main Office West; Linoleum Floor Covering Gold Mastic								
04	GI1211-04	02	0.372	69.3	3.8	26.9	NAD	NAD
Location: Material Storage East Area; Linoleum Floor Covering Gold Mastic								
05	GI1211-05	03	----	----	----	----	NAD	NA
Location: Main Office West; Door Felt Insulation								
06	GI1211-06	03	----	----	----	----	NAD	NA
Location: Material Storage East Area; Door Felt Insulation								
07	GI1211-07	04	----	----	----	----	NAD	NA
Location: Bathroom; Ceiling Wallboard Grey								
08	GI1211-08	04	----	----	----	----	NAD	NA
Location: Room By Bathroom; Ceiling Wallboard Grey								
09	GI1211-09	05	----	----	----	----	NAD	NA
Location: Bathroom; Joint Compound, White								
10	GI1211-10	05	----	----	----	----	NAD	NA
Location: Room By Bathroom; Joint Compound, White								
11	GI1211-11	06	0.425	55.9	38.9	5.2	NAD	NAD
Location: By Main Office Entrance; Wood Wall Panel Yellow Mastic								
12	GI1211-12	06	0.578	55.8	38.7	5.6	NAD	NAD
Location: Main Office West; Wood Wall Panel Yellow Mastic								
13	GI1211-13	07	0.516	21.0	76.5	2.5	NAD	NAD
Location: Exterior Main Entrance; Door Caulking, White								
14	GI1211-14	07	0.488	21.0	77.3	1.7	NAD	NAD
Location: Side Entrance; Door Caulking, White								
15	GI1211-15	08	0.479	78.8	5.0	16.2	NAD	NAD
Location: Roof East; Tar, Black								
16	GI1211-16	08	0.383	52.5	36.2	11.3	NAD	NAD
Location: Roof West; Tar, Black								

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

A53466; Ranger Trailer, Great Kills, 205 Buffalo, St, SI, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	GI1211-17	09	----	----	----	----	NAD	NA
Location: Main Office West; Ceiling Felt Grey Paper								
18	GI1211-18	09	----	----	----	----	NAD	NA
Location: Room By Bathroom; Ceiling Felt Grey Paper								

Analyzed by: Beverly A. Schrage Reviewed by: Beverly A. Schrage

Date: 12/21/2024

Semi-Quantitative Analysis: NAD = no asbestos detected; NA = not analyzed; NA/PS = not analyzed due to positive stop; Trace = <1%; PLM analysis by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) or NY ELAP 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NY ELAP Lab # 10984); TEM prep by EPA 600/R-93/116 Section 2.3 (analysis by Section 2.5, not covered by NVLAP Bulk accreditation); or NY ELAP 198.4 for New York NOB samples (NY ELAP Lab # 10984). Analysis using Jeol, Model JEM-100CX II microscope, Serial #156147-247. ** Warning Notes: Consider PLM fiber diameter limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris, soils or other heterogeneous materials for which a combination PLM/TEM evaluation is recommended; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only.

124121506

HILLMANN CONSULTING

BULK SAMPLE IDENTIFICATION FORM
PLM COC, Version 3.3

DATE: 12-11-2024

JOB#: 453466

Environmental Consulting & Lab Services, 1600 Route 22 East, Union, NJ 07083
(908) 688-7800 Fax (908) 686-2636 email: GIsakadze @hillmanngroup.com
TGulya + Delaney@Mabbett.com

☑ POSITIVE STOP ON ALL HOMOG. SAMPLES

TAT for PLM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for TEM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for SOF-V - 1wk 2wk _____

CLIENT: Mabbett & Associates

LOCATION: Power Trailer, Great Kills, 205 Buffalo St, SI, NY

LAB Instructions:
- ANALYZE ALL NOBS AS INDICATED BY "⊘" VIA TEM IF NEGATIVE VIA PLM. POSITIVE STOP ON TEM ONLY
- ANALYZE BOTTOM / INNER LAYERS FIRST AS INDICATED BY "BL" — IF POSITIVE THEN STOP ANALYSIS OF OTHER LAYERS

Homg. ID	Sample # / Lab #	Floor/Room	Location Description	Material Description / Color	Quantity in SOW?	Cond / Friable?	NOB	Time Sample Collected	Lab Results
01	G1211-01	Ground	Main office	Tan Linoleum Floor Covering	900 SF	G / N	⊘	1100	
↓	02		Material Storage Area	↓					
02	03		West Main office	Gold Linoleum Floor covering Mastic					
↓	04		East Material Storage Area	↓	↓				
03	05		west Main office	Door Felt insulation	42 SF				
↓	06		East Material storage Area	↓	↓	↓	↓		
04	07		Bathroom	Gray Ceiling, wallboard	300	G / Y			
↓	08		Room by Bathroom	↓					
05	09		Bathroom	Joint Compound, white					
↓	10	↓	Room by Bathroom	↓	↓	↓		↓	

RECEIVED
DEC 16 2024

CHAIN OF CUSTODY

	SAMPLED BY:	TRANSPORTED BY:	RECEIVED BY:	ANALYZED BY:
Print	Georgi Isakadze	Jacob Walsh		
Sign				
Date	12-11-24	12/12/24		

Spaces Occupied?
Spaces Operating?
Access Issues?

Material Codes

AP=acoustical plaster, **BC**=brown coat, **BF**=base flashing, **BUR**=built-up roofing, **CB**=cove base, **CBM**=cove base mastic, **CF**=curb flashing, **CFT**=ceramic floor tile, **CM**=carpet mastic, **CPM**=carpet padding mastic, **CPT**=carpet tile mastic, **CT**=ceiling tile, **CTM**=CT mastic, **CWT**=ceramic wall tile, **FP**=fireproofing, **JC**=joint compound, **JT**=joint tape, **LC**=leveling compound, **PL**=plaster, **PP**=pitch pocket, **PPW**=parapet wall flashing, **RFP**=re-inforced fiberglass panel, **SP**=soundproofing, **TP**=tar paper, **VB**=vapor barrier, **VCT**=vinyl floor tile, **VCTM**=VCT mastic, **VSF**=vinyl sheet flooring, **WB**=wallboard, **WPA**=wall paper adhesive, **PI** = pipe insulation, **PFI** = pipe fitting insulation, **FG** = fiberglass line **ALL OTHER DESCRIPTIONS MUST BE WRITTEN OUT**

124121506

HILLMANN CONSULTING

BULK SAMPLE IDENTIFICATION FORM
PLM COC, Version 3.3

DATE: 12-11-2024

JOB#: A53466

Environmental Consulting & Lab Services, 1600 Route 22 East, Union, NJ 07083
(908) 688-7800 Fax (908) 686-2636 email: Gisakatze TGulya @hillmanngroup.com

☑ POSITIVE STOP ON ALL HOMOG. SAMPLES

CLIENT: Mabbett & Associates + Delaney@Mabbett.com

TAT for PLM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for TEM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for SOF-V - 1wk 2wk _____

LOCATION: Ranger Trailer, Great Kills, 205 Buffalo St, SI, NY

LAB Instructions: •ANALYZE ALL NOBS AS INDICATED BY "/" VIA TEM IF NEGATIVE VIA PLM. POSITIVE STOP ON TEM ONLY
•ANALYZE BOTTOM / INNER LAYERS FIRST AS INDICATED BY "BL" – IF POSITIVE THEN STOP ANALYSIS OF OTHER LAYERS

Homg. ID	Sample # / Lab #	Floor/Room	Location Description	Material Description / Color	Quantity in SOW?	Cond / Friable?	NOB	Time Sample Collected	Lab Results
06	GI1211-11	Ground	By main Entrance Office	Wood wall panel mastic yellow	1200 SF	G / N	∅	1100	
↓	12		Main office wood	↓	↓				
07	13		Exterior main Entrance	Door Caulking, white	21 LF				
↓	14	↓	Side Entrance	↓	↓				
08	15	Roof	Roof East	Tar, Black	350 SF				
↓	16	↓	Roof West	↓	↓				
09	17	Ground	Main office wall	Ceiling Felt Gray paper	900 SF			↓	
↓	18	↓	Room by Bathroom	↓	↓	↓	↓	1330	

RECEIVED
DEC 16 2024

CHAIN OF CUSTODY

SAMPLED BY:	TRANSPORTED BY:	RECEIVED BY:	ANALYZED BY:
Print Giorgi Tsakadze	Jacob Wnuk		
Sign			
Date 12-11-2024	12/12/24		

Spaces Occupied?
Spaces Operating?
Access Issues?

Material Codes
AP=acoustical plaster, **BC**=brown coat, **BF**=base flashing, **BUR**=built-up roofing, **CB**=cove base, **CBM**=cove base mastic, **CF**=curb flashing, **CFT**=ceramic floor tile, **CM**=carpet mastic, **CPM**=carpet padding mastic, **CPT**=carpet tile mastic, **CT**=ceiling tile, **CTM**=CT mastic, **CWT**=ceramic wall tile, **FP**=fireproofing, **JC**=joint compound, **JT**=joint tape, **LC**=leveling compound, **PL**=plaster, **PP**=pitch pocket, **PPW**=parapet wall flashing, **RFP**=re-inforced fiberglass panel, **SP**=soundproofing, **TP**=tar paper, **VB**=vapor barrier, **VCT**=vinyl floor tile, **VCTM**=VCT mastic, **VSF**=vinyl sheet flooring, **WB**=wallboard, **WPA**=wall paper adhesive, **PI** = pipe insulation, **PFI** = pipe fitting insulation, **FG** = fiberglass line **ALL OTHER DESCRIPTIONS MUST BE WRITTEN OUT**

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800

December 21, 2024

Mabbett & Associates, Inc.
Attn: Michael Delaney
105 Central Street
Suite 4100
Stoneham, MA 02180

RE: Mabbett & Associates, Inc.
Job Number 124121505
P.O. #A53466
A53466; BPFT - 148 Small Storage, Fort Tilden, NY

Dear Michael Delaney:

Enclosed are the results of Asbestos Analysis - Bulk Protocol of the following Mabbett & Associates, Inc. samples, received at AmeriSci on Monday, December 16, 2024, for a 5 day turnaround:

GI1212-01, GI1212-02, GI1212-03, GI1212-04, GI1212-05, GI1212-06, GI1212-07, GI1212-08, GI1212-09, GI1212-10, GI1212-11, GI1212-12

The 12 samples, placed in zip lock bag, were shipped to AmeriSci via Fed Ex 7706 1695 0310 . Mabbett & Associates, Inc. requested ELAP PLM/TEM analysis of these samples.

The results of the analyses which were performed under NYSDOH ELAP Lab Certification # 10984 following ELAP 198.4 TEM guidelines are presented within the Summary Table of this report. The presence of matrix reduction data in the Summary Table normally indicates an NOB sample. For NOB samples the individual matrix reduction and TEM analysis results are listed in Table I. Complete PLM results for individual samples analyzed by ELAP 198.1 (friable) and ELAP 198.6 (NOB) are presented in the PLM Bulk Asbestos Report. This combined report relates ONLY to sample analysis expressed as percent composition by weight and percent asbestos. This report must not be used to claim product endorsement or approval by these laboratories, NVLAP, ELAP or any other associated agency. The National Institute of Standards and Technology accreditation requirements, mandate that this report must not be reproduced, except in full without the written approval of the laboratory. This report may contain specific data not covered by NVLAP or ELAP accreditations respectively, if so identified in relevant footnotes.

AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,

Beverly A. Schrage

Senior Analyst | Authorized Signatory

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800

PLM Bulk Asbestos Report

Mabbett & Associates, Inc.
Attn: Michael Delaney
105 Central Street
Suite 4100
Stoneham, MA 02180

Date Received 12/16/2024 **AmeriSci Job #** 124121505
Date Examined 12/20/24 **P.O. #**
ELAP # 10984 **Page** 1 **of** 3
RE: A53466; BPFT - 148 Small Storage, Fort Tilden, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI1212-01 01	124121505-01	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/20/24	
Location: Storage; Electrical Wire Ins Black **Analyst Description:** Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 100%				
GI1212-02 01	124121505-02	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/20/24	
Location: Storage; Electrical Wire Ins Black **Analyst Description:** Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 100%				
GI1212-03 02	124121505-03	***No***	Inconclusive - NAD (NOB by EPA 600/M4-82-020) by Daisha Addison on 12/20/24	*1*
Location: Storage; Window Glazing White **Analyst Description:** White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 23% **Comment:** Heat Sensitive (organic): 8.0%; Acid Soluble (inorganic): 68.4%; Inert (Non-asbestos): 23.6%				
GI1212-04 02	124121505-04	***No***	Inconclusive - NAD (NOB by EPA 600/M4-82-020) by Daisha Addison on 12/20/24	*1*
Location: Storage; Window Glazing White **Analyst Description:** White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 2.4% **Comment:** Heat Sensitive (organic): 9.8%; Acid Soluble (inorganic): 87.8%; Inert (Non-asbestos): 2.4%				
GI1212-05 03	124121505-05	***Yes***	6.0% (EPA 600/M4-82-020) by Daisha Addison on 12/20/24	*2*
Location: Storage; Exhaust Caulking Grey **Analyst Description:** Gray/Black, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 6.0% **Other Material:** Non-fibrous 94%				

See Reporting notes on last page

PLM Bulk Asbestos Report

A53466; BPFT - 148 Small Storage, Fort Tilden, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI1212-06 03	124121505-06		NA/PS	
Location: Storage; Exhaust Caulking Grey **Analyst Description:** Bulk Material **Asbestos Types:** **Other Material:**				
GI1212-07 04	124121505-07	***No***	Inconclusive - NAD (NOB by EPA 600/M4-82-020) by Daisha Addison on 12/20/24	*1*
Location: Roof; Exhaust Waterproofing Material Black **Analyst Description:** Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 0.2% **Comment:** Heat Sensitive (organic): 94.0%; Acid Soluble (inorganic): 5.8%; Inert (Non-asbestos): 0.2%				
GI1212-08 04	124121505-08	***No***	Inconclusive - NAD (NOB by EPA 600/M4-82-020) by Daisha Addison on 12/20/24	*1*
Location: Roof; Exhaust Waterproofing Material Black **Analyst Description:** Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 1.9% **Comment:** Heat Sensitive (organic): 91.2%; Acid Soluble (inorganic): 6.8%; Inert (Non-asbestos): 1.9%				
GI1212-09 05	124121505-09	***Yes***	14% (EPA 600/M4-82-020) by Daisha Addison on 12/20/24	
Location: Roof; Transite Panel Gray **Analyst Description:** Gray, Heterogeneous, Fibrous, Cementitious, Bulk Material **Asbestos Types:** Chrysotile 14% **Other Material:** Non-fibrous 86%				
GI1212-10 05	124121505-10		NA/PS	
Location: Roof; Transite Panel Gray **Analyst Description:** Bulk Material **Asbestos Types:** **Other Material:**				
GI1212-11 06	124121505-11	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/20/24	
Location: South Side; Brick Mortar **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				

See Reporting notes on last page

PLM Bulk Asbestos Report

A53466; BPFT - 148 Small Storage, Fort Tilden, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI1212-12 06	124121505-12	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/20/24	

Location: North Side; Brick Mortar
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 100%

Reporting Notes:

(1) NAD results by NYS 198.6 are inconclusive and are not considered non-ACM

(2) Sample "Flamed" during analysis to facilitate qualitative asbestos identification

Analyzed by: Daisha Addison
Date: 12/20/2024

Reviewed by: Beverly A. Schrage

*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis using Meiji, Model MT 6120 microscope, Serial #2200363, by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.

Client Name: Mabbett & Associates, Inc.

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

A53466; BPFT - 148 Small Storage, Fort Tilden, NY

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	GI1212-01	01	----	----	----	----	NAD	NA
Location: Storage; Electrical Wire Ins Black								
02	GI1212-02	01	----	----	----	----	NAD	NA
Location: Storage; Electrical Wire Ins Black								
03	GI1212-03	02	0.930	8.0	68.4	23.5	NAD	Anthophyllite Trace
Location: Storage; Window Glazing White								
04	GI1212-04	02	0.713	9.8	87.8	2.3	NAD	Anthophyllite Trace
Location: Storage; Window Glazing White								
05	GI1212-05	03	----	----	----	----	Chrysotile 6.0	NA
Location: Storage; Exhaust Caulking Grey								
06	GI1212-06	03	----	----	----	----	NA/PS	NA
Location: Storage; Exhaust Caulking Grey								
07	GI1212-07	04	0.365	94.0	5.8	0.2	NAD	NAD
Location: Roof; Exhaust Waterproofing Material Black								
08	GI1212-08	04	0.478	91.2	6.8	1.9	NAD	NAD
Location: Roof; Exhaust Waterproofing Material Black								
09	GI1212-09	05	----	----	----	----	Chrysotile 14	NA
Location: Roof; Transite Panel Gray								
10	GI1212-10	05	----	----	----	----	NA/PS	NA
Location: Roof; Transite Panel Gray								
11	GI1212-11	06	----	----	----	----	NAD	NA
Location: South Side; Brick Mortar								
12	GI1212-12	06	----	----	----	----	NAD	NA
Location: North Side; Brick Mortar								

Analyzed by: Beverly A. Schrage Reviewed by: Beverly A. Schrage

Date: 12/21/2024

Semi-Quantitative Analysis: NAD = no asbestos detected; NA = not analyzed; NA/PS = not analyzed due to positive stop; Trace = <1%; PLM analysis by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) or NY ELAP 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NY ELAP Lab # 10984); TEM prep by EPA 600/R-93/116 Section 2.3 (analysis by Section 2.5, not covered by NVLAP Bulk accreditation); or NY ELAP 198.4 for New York NOB samples (NY ELAP Lab # 10984). Analysis using Jeol, Model JEM-100CX II microscope, Serial #156147-247. ** Warning Notes: Consider PLM fiber diameter limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris, soils or other heterogeneous materials for which a combination PLM/TEM evaluation is recommended; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only.

124121505

HILLMANN CONSULTING

BULK SAMPLE IDENTIFICATION FORM
PLM COC, Version 3.3

DATE: 12-12-2024

JOB#: _____

Environmental Consulting & Lab Services, 1600 Route 22 East, Union, NJ 07083
(908) 688-7800 Fax (908) 686-2636 email: Gisakodze @hillmanngroup.com
TGulya + Delaney@Mabbett.com

☑ POSITIVE STOP ON ALL HOMOG. SAMPLES

TAT for PLM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for TEM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for SOF-V - 1wk 2wk _____

CLIENT: Mabbett & Associates

LOCATION: BPFT - 148 Small Storage, Fort Tilden, NY

LAB Instructions: •ANALYZE ALL NOBS AS INDICATED BY (⊘) " VIA TEM IF NEGATIVE VIA PLM. POSITIVE STOP ON TEM ONLY
•ANALYZE BOTTOM / INNER LAYERS FIRST AS INDICATED BY "BL" – IF POSITIVE THEN STOP ANALYSIS OF OTHER LAYERS

Homg. ID	Sample # / Lab #	Floor/Room	Location Description	Material Description / Color	Quantity in SOW?	Cond Friable?	NOB	Time Sample Collected	Lab Results
01	GI1212-01	Ground	Storage	Black Electrical Wire 1ns	6 LF	G / N	⊘	1300	
↓	02			↓					
02	03			White Window Glazing	8 LF				
↓	04			↓					
03	05			Gray Exhaust caulking	3 LF				
↓	06	↓	↓	↓					
04	07	Roof	Roof	Black Exhst Waterproofing roofing	5 SF				
↓	08			↓			↓		
05	09			Gray Transite Board	250 SF				RECEIVED
↓	10	↓	↓	↓		↓		↓	DEC 16 2024

CHAIN OF CUSTODY

	SAMPLED BY:	TRANSPORTED BY:	RECEIVED BY:	ANALYZED BY:
Print	Giorgi Isakodze	Jacob Walsh		
Sign				
Date	12-12-2024	12/12/24		

Spaces Occupied?
Spaces Operating?
Access Issues?

Material Codes

AP=acoustical plaster, **BC**=brown coat, **BF**=base flashing, **BUR**=built-up roofing, **CB**=cove base, **CBM**=cove base mastic, **CF**=curb flashing, **CFT**=ceramic floor tile, **CM**=carpet mastic, **CPM**=carpet padding mastic, **CPT**=carpet tile mastic, **CT**=ceiling tile, **CTM**=CT mastic, **CWT**=ceramic wall tile, **FP**=fireproofing, **JC**=joint compound, **JT**=joint tape, **LC**=leveling compound, **PL**=plaster, **PP**=pitch pocket, **PPW**=parapet wall flashing, **RFP**=re-inforced fiberglass panel, **SP**=soundproofing, **TP**=tar paper, **VB**=vapor barrier, **VCT**=vinyl floor tile, **VCTM**=VCT mastic, **VSF**=vinyl sheet flooring, **WB**=wallboard, **WPA**=wall paper adhesive, **PI** = pipe insulation, **PFI** = pipe fitting insulation, **FG** = fiberglass line **ALL OTHER DESCRIPTIONS MUST BE WRITTEN OUT**

124121505

HILLMANN CONSULTING

BULK SAMPLE IDENTIFICATION FORM
PLM COC, Version 3.3

DATE: 12-12-24

JOB#: A53466

Environmental Consulting & Lab Services, 1600 Route 22 East, Union, NJ 07083
(908) 688-7800 Fax (908) 686-2636 email: Gisakadze@hillmanngroup.com
TGuiya + Delaney@Mabbett.com

☑ POSITIVE STOP ON ALL HOMOG. SAMPLES

TAT for PLM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for TEM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for SOF-V - 1wk 2wk _____

CLIENT: Mabbett & Associates

LOCATION: BPFT-148 Small Storage, Fort Tilden, NY

LAB Instructions: •ANALYZE ALL NOBS AS INDICATED BY "⊘" VIA TEM IF NEGATIVE VIA PLM. POSITIVE STOP ON TEM ONLY
•ANALYZE BOTTOM / INNER LAYERS FIRST AS INDICATED BY "BL" – IF POSITIVE THEN STOP ANALYSIS OF OTHER LAYERS

Homg. ID	Sample # / Lab #	Floor/Room	Location Description	Material Description / Color	Quantity in SOW?	Cond Friable?	NOB	Time Sample Collected	Lab Results
06	GI1212-11	Exterior	South side	Brick mortar		G / Y		1300	
↓	12	↓	North side	↓		↓		1309	

RECEIVED
DEC 16 2024

CHAIN OF CUSTODY

	SAMPLED BY:	TRANSPORTED BY:	RECEIVED BY:	ANALYZED BY:
Print	Giorgi Isakadze	Jacob Hanson		
Sign				
Date	12-12-2024	12/12/24		

Spaces Occupied?
Spaces Operating?
Access Issues?

Material Codes
AP=acoustical plaster, **BC**=brown coat, **BF**=base flashing, **BUR**=built-up roofing, **CB**=cove base, **CBM**=cove base mastic, **CF**=curb flashing, **CFT**=ceramic floor tile, **CM**=carpet mastic, **CPM**=carpet padding mastic, **CPT**=carpet tile mastic, **CT**=ceiling tile, **CTM**=CT mastic, **CWT**=ceramic wall tile, **FP**=fireproofing, **JC**=joint compound, **JT**=joint tape, **LC**=leveling compound, **PL**=plaster, **PP**=pitch pocket, **PPW**=parapet wall flashing, **RFP**=re-inforced fiberglass panel, **SP**=soundproofing, **TP**=tar paper, **VB**=vapor barrier, **VCT**=vinyl floor tile, **VCTM**=VCT mastic, **VSF**=vinyl sheet flooring, **WB**=wallboard, **WPA**=wall paper adhesive, **PI** = pipe insulation, **PFI** = pipe fitting insulation, **FG** = fiberglass line **ALL OTHER DESCRIPTIONS MUST BE WRITTEN OUT**

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800

December 23, 2024

Mabbett & Associates, Inc.
Attn: Michael Delaney
105 Central Street
Suite 4100
Stoneham, MA 02180

RE: Mabbett & Associates, Inc.
Job Number 124121508
P.O. #A53466
A53466; T354 USPP Swat Office Fort, Watsworth, SI

Dear Michael Delaney:

Enclosed are the results of Asbestos Analysis - Bulk Protocol of the following Mabbett & Associates, Inc. samples, received at AmeriSci on Monday, December 16, 2024, for a 5 day turnaround:

GI1212-01, GI1212-02, GI1212-03, GI1212-04, GI1212-05, GI1212-06, GI1212-07, GI1212-08, GI1212-09, GI1212-10, GI1212-11, GI1212-12, GI1212-13, GI1212-14, GI1212-15, GI1212-16, GI1212-17, GI1212-18, GI1212-19, GI1212-20, GI1212-21, GI1212-22, GI1212-23, GI1212-24, GI1212-25, GI1212-26, GI1212-27, GI1212-28, GI1212-29, GI1212-30, GI1212-31, GI1212-32, GI1212-33, GI1212-34, GI1212-35, GI1212-36, GI1212-37, GI1212-38, GI1212-39, GI1212-40

The 40 samples, placed in zip lock bag, were shipped to AmeriSci via Fed Ex 7706 1695 0310 . Mabbett & Associates, Inc. requested ELAP PLM/TEM analysis of these samples.

The results of the analyses which were performed under NYSDOH ELAP Lab Certification # 10984 following ELAP 198.4 TEM guidelines are presented within the Summary Table of this report. The presence of matrix reduction data in the Summary Table normally indicates an NOB sample. For NOB samples the individual matrix reduction and TEM analysis results are listed in Table I. Complete PLM results for individual samples analyzed by ELAP 198.1 (friable) and ELAP 198.6 (NOB) are presented in the PLM Bulk Asbestos Report. This combined report relates ONLY to sample analysis expressed as percent composition by weight and percent asbestos. This report must not be used to claim product endorsement or approval by these laboratories, NVLAP, ELAP or any other associated agency. The National Institute of Standards and Technology accreditation requirements, mandate that this report must not be reproduced, except in full without the written approval of the laboratory. This report may contain specific data not covered by NVLAP or ELAP accreditations respectively, if so identified in relevant footnotes.

AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,

Glenn F. Massey

QA Manager | Authorized Signatory

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800

PLM Bulk Asbestos Report

Mabbett & Associates, Inc.
Attn: Michael Delaney
105 Central Street
Suite 4100
Stoneham, MA 02180

Date Received 12/16/2024 **AmeriSci Job #** 124121508
Date Examined 12/23/24 **P.O. #**
ELAP # 10984 **Page** 1 **of** 7
RE: A53466; T354 USPP Swat Office Fort, Watsworth, SI

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI1212-01 01	124121508-01	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/23/24	
Location: Office North; Wallboard, Gray **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 4.0%, Non-fibrous 96%				
GI1212-02 01	124121508-02	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/23/24	
Location: By Bathrooms South; Wallboard, Gray **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 4.0%, Non-fibrous 96%				
GI1212-03 02	124121508-03	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/23/24	
Location: Office North; Joint Compound, White **Analyst Description:** White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI1212-04 02	124121508-04	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/23/24	
Location: By Bathrooms South; Joint Compound, White **Analyst Description:** White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI1212-05 03	124121508-05	***No***	Inconclusive - NAD (NOB by EPA 600/M4-82-020) by Daisha Addison on 12/23/24	*1*
Location: Office East; Cove Base Yellow Mastic **Analyst Description:** Yellow, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 34% **Comment:** Heat Sensitive (organic): 19.3%; Acid Soluble (inorganic): 46.3%; Inert (Non-asbestos): 34.4%				

See Reporting notes on last page

PLM Bulk Asbestos Report

A53466; T354 USPP Swat Office Fort, Watsworth, SI

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI1212-06 03	124121508-06	***No***	Inconclusive - NAD (NOB by EPA 600/M4-82-020) by Daisha Addison on 12/23/24	*1*

Location: Corridor; Cove Base Yellow Mastic
Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 31%
Comment: Heat Sensitive (organic): 23.5%; Acid Soluble (inorganic): 45.4%; Inert (Non-asbestos): 31.2%

GI1212-07 04	124121508-07	***No***	Inconclusive - NAD (NOB by EPA 600/M4-82-020) by Daisha Addison on 12/23/24	*1*

Location: Office By Main Ent; 12x12 Floor Tile Grey
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 26%
Comment: Heat Sensitive (organic): 19.1%; Acid Soluble (inorganic): 54.9%; Inert (Non-asbestos): 26.0%

GI1212-08 04	124121508-08	***No***	Inconclusive - NAD (NOB by EPA 600/M4-82-020) by Daisha Addison on 12/23/24	*1*

Location: Corridor By Bathrooms; 12x12 Floor Tile Grey
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 25%
Comment: Heat Sensitive (organic): 18.3%; Acid Soluble (inorganic): 56.0%; Inert (Non-asbestos): 25.7%

GI1212-09 05	124121508-09	***No***	Inconclusive - NAD (NOB by EPA 600/M4-82-020) by Daisha Addison on 12/23/24	*1*

Location: Office By Main Ent; 12x12 Floor Tile Yellow Mastic
Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 29%
Comment: Heat Sensitive (organic): 56.2%; Acid Soluble (inorganic): 14.3%; Inert (Non-asbestos): 29.5%

GI1212-10 05	124121508-10	***No***	Inconclusive - NAD (NOB by EPA 600/M4-82-020) by Daisha Addison on 12/23/24	*1*

Location: Corridor By Bathrooms4; 12x12 Floor Tile Yellow Mastic
Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 27%
Comment: Heat Sensitive (organic): 56.4%; Acid Soluble (inorganic): 16.3%; Inert (Non-asbestos): 27.3%

GI1212-11 06	124121508-11	***No***	Inconclusive - NAD (NOB by EPA 600/M4-82-020) by Daisha Addison on 12/23/24	*1*

Location: Office By Main Ent; 2'x4' Acoustical Ceiling Tile White
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 57%
Comment: Heat Sensitive (organic): 15.8%; Acid Soluble (inorganic): 26.4%; Inert (Non-asbestos): 57.8%

See Reporting notes on last page

PLM Bulk Asbestos Report

A53466; T354 USPP Swat Office Fort, Watsworth, SI

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI1212-12 06	124121508-12	***No***	Inconclusive - NAD (NOB by EPA 600/M4-82-020) by Daisha Addison on 12/23/24	*1*

Location: Corridor; 2'x4' Acoustical Ceiling Tile White
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 54%
Comment: Heat Sensitive (organic): 15.4%; Acid Soluble (inorganic): 30.2%; Inert (Non-asbestos): 54.4%

GI1212-13 07	124121508-13	***No***	Inconclusive - NAD (NOB by EPA 600/M4-82-020) by Daisha Addison on 12/23/24	*1*

Location: Office South; Interior Window Caulking White
Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 59%
Comment: Heat Sensitive (organic): 24.4%; Acid Soluble (inorganic): 16.0%; Inert (Non-asbestos): 59.6%

GI1212-14 07	124121508-14	***No***	Inconclusive - NAD (NOB by EPA 600/M4-82-020) by Daisha Addison on 12/23/24	*1*

Location: Office North; Interior Window Caulking White
Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 9.1%
Comment: Heat Sensitive (organic): 29.6%; Acid Soluble (inorganic): 61.3%; Inert (Non-asbestos): 9.1%

GI1212-15 08	124121508-15	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/23/24	

Location: Bathroom; Wall Ceramic Tile Grout White
Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 100%

GI1212-16 08	124121508-16	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/23/24	

Location: Bathroom; Wall Ceramic Tile Grout White
Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 100%

GI1212-17 09	124121508-17	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/23/24	

Location: Bathroom; Wall Ceramic Tile Mortar Beige
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 100%

See Reporting notes on last page

PLM Bulk Asbestos Report

A53466; T354 USPP Swat Office Fort, Watsworth, SI

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI1212-18 09	124121508-18	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/23/24	
Location: Bathroom; Wall Ceramic Tile Mortar Beige **Analyst Description:** Beige, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI1212-19 10	124121508-19	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/23/24	
Location: Bathroom; Floor Ceramic Tile Grout Tan **Analyst Description:** Tan, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI1212-20 10	124121508-20	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/23/24	
Location: Bathroom; Floor Ceramic Tile Grout Tan **Analyst Description:** Tan, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI1212-21 11	124121508-21	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/23/24	
Location: Bathroom; Floor Ceramic Tile Mortar Gray **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI1212-22 11	124121508-22	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/23/24	
Location: Bathroom; Floor Ceramic Tile Mortar Gray **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI1212-23 12	124121508-23	***No***	Inconclusive - NAD (NOB by EPA 600/M4-82-020) by Daisha Addison on 12/23/24	*1*
Location: Main Entrance; Interior Door Caulking White **Analyst Description:** White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 9.0% **Comment:** Heat Sensitive (organic): 27.6%; Acid Soluble (inorganic): 63.4%; Inert (Non-asbestos): 9.0%				
GI1212-24 12	124121508-24	***No***	Inconclusive - NAD (NOB by EPA 600/M4-82-020) by Daisha Addison on 12/23/24	*1*
Location: Side Entrance; Interior Door Caulking White **Analyst Description:** White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 42% **Comment:** Heat Sensitive (organic): 27.3%; Acid Soluble (inorganic): 30.4%; Inert (Non-asbestos): 42.3%				

See Reporting notes on last page

PLM Bulk Asbestos Report

A53466; T354 USPP Swat Office Fort, Watsworth, SI

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI1212-25 13	124121508-25	***No***	Inconclusive - NAD (NOB by EPA 600/M4-82-020) by Daisha Addison on 12/23/24	*1*
Location: East Side; Exterior Window Caulking Gray **Analyst Description:** White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 47% **Comment:** Heat Sensitive (organic): 22.8%; Acid Soluble (inorganic): 30.0%; Inert (Non-asbestos): 47.2%				
GI1212-26 13	124121508-26	***No***	Inconclusive - NAD (NOB by EPA 600/M4-82-020) by Daisha Addison on 12/23/24	*1*
Location: South Side; Exterior Window Caulking Gray **Analyst Description:** White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 33% **Comment:** Heat Sensitive (organic): 24.9%; Acid Soluble (inorganic): 41.7%; Inert (Non-asbestos): 33.4%				
GI1212-27 14	124121508-27	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/23/24	
Location: Main Office; Ceiling Wallboard Brown **Analyst Description:** Brown, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 5.0%, Non-fibrous 95%				
GI1212-28 14	124121508-28	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/23/24	
Location: By Bathrooms; Ceiling Wallboard Brown **Analyst Description:** Brown, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 5.0%, Non-fibrous 95%				
GI1212-29 15	124121508-29	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/23/24	
Location: Main Office; Ceiling Joint Compound White/Beige **Analyst Description:** Off-White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI1212-30 15	124121508-30	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/23/24	
Location: By Bathrooms; Ceiling Joint Compound White/Beige **Analyst Description:** Off-White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				

See Reporting notes on last page

PLM Bulk Asbestos Report

A53466; T354 USPP Swat Office Fort, Watsworth, SI

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI1212-31 16	124121508-31	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/23/24	
Location: West Office; Brick Mortar Gray **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI1212-32 16	124121508-32	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/23/24	
Location: North Office; Brick Mortar Gray **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI1212-33 17	124121508-33	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/23/24	
Location: Exterior North; Cinderblock Mortar Gray **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI1212-34 17	124121508-34	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/23/24	
Location: Exterior South; Cinderblock Mortar Gray **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI1212-35 18	124121508-35	***No***	Inconclusive - NAD (NOB by EPA 600/M4-82-020) by Daisha Addison on 12/23/24	*1*
Location: Exterior South; Louver Caulking Gray **Analyst Description:** White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 44% **Comment:** Heat Sensitive (organic): 27.1%; Acid Soluble (inorganic): 28.5%; Inert (Non-asbestos): 44.5%				
GI1212-36 18	124121508-36	***No***	Inconclusive - NAD (NOB by EPA 600/M4-82-020) by Daisha Addison on 12/23/24	*1*
Location: Exterior North; Louver Caulking Gray **Analyst Description:** White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 48% **Comment:** Heat Sensitive (organic): 26.8%; Acid Soluble (inorganic): 24.8%; Inert (Non-asbestos): 48.4%				

See Reporting notes on last page

PLM Bulk Asbestos Report

A53466; T354 USPP Swat Office Fort, Watsworth, SI

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI1212-37 19	124121508-37	***No***	Inconclusive - NAD (NOB by EPA 600/M4-82-020) by Daisha Addison on 12/23/24	*1*

Location: Roof South; Roofing Membrane Black
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 16%
Comment: Heat Sensitive (organic): 63.2%; Acid Soluble (inorganic): 20.8%; Inert (Non-asbestos): 16.1%

GI1212-38 19	124121508-38	***No***	Inconclusive - NAD (NOB by EPA 600/M4-82-020) by Daisha Addison on 12/23/24	*1*

Location: Roof North; Roofing Membrane Black
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 16%
Comment: Heat Sensitive (organic): 64.6%; Acid Soluble (inorganic): 19.0%; Inert (Non-asbestos): 16.4%

GI1212-39 20	124121508-39	***No***	Inconclusive - NAD (NOB by EPA 600/M4-82-020) by Daisha Addison on 12/23/24	*1*

Location: Roof South; Felt
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Fibrous glass 12%, Non-fibrous 10%
Comment: Heat Sensitive (organic): 49.3%; Acid Soluble (inorganic): 28.5%; Inert (Non-asbestos): 22.2%

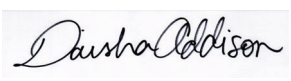
GI1212-40 20	124121508-40	***No***	Inconclusive - NAD (NOB by EPA 600/M4-82-020) by Daisha Addison on 12/23/24	*1*

Location: Roof North; Felt
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Fibrous glass 13%, Non-fibrous 10%
Comment: Heat Sensitive (organic): 48.7%; Acid Soluble (inorganic): 28.1%; Inert (Non-asbestos): 23.2%

Reporting Notes:

(1) NAD results by NYS 198.6 are inconclusive and are not considered non-ACM

Analyzed by: Daisha Addison
Date: 12/23/2024



Reviewed by: Glenn F. Massey

*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis using Meiji, Model MT 6120 microscope, Serial #2200363, by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.

Client Name: Mabbett & Associates, Inc.

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

A53466; T354 USPP Swat Office Fort, Watsworth, SI

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	GI1212-01	01	----	----	----	----	NAD	NA
Location:	Office North; Wallboard, Gray							
02	GI1212-02	01	----	----	----	----	NAD	NA
Location:	By Bathrooms South; Wallboard, Gray							
03	GI1212-03	02	----	----	----	----	NAD	NA
Location:	Office North; Joint Compound, White							
04	GI1212-04	02	----	----	----	----	NAD	NA
Location:	By Bathrooms South; Joint Compound, White							
05	GI1212-05	03	0.194	19.3	46.3	34.4	NAD	NAD
Location:	Office East; Cove Base Yellow Mastic							
06	GI1212-06	03	0.193	23.5	45.4	31.2	NAD	NAD
Location:	Corridor; Cove Base Yellow Mastic							
07	GI1212-07	04	0.512	19.1	54.9	26.0	NAD	NAD
Location:	Office By Main Ent; 12x12 Floor Tile Grey							
08	GI1212-08	04	0.408	18.3	56.0	25.7	NAD	NAD
Location:	Corridor By Bathrooms; 12x12 Floor Tile Grey							
09	GI1212-09	05	0.499	56.2	14.3	29.5	NAD	NAD
Location:	Office By Main Ent; 12x12 Floor Tile Yellow Mastic							
10	GI1212-10	05	0.257	56.4	16.3	27.3	NAD	NAD
Location:	Corridor By Bathrooms4; 12x12 Floor Tile Yellow Mastic							
11	GI1212-11	06	0.207	15.8	26.4	57.8	NAD	NAD
Location:	Office By Main Ent; 2'x4' Acoustical Ceiling Tile White							
12	GI1212-12	06	0.181	15.4	30.2	54.4	NAD	NAD
Location:	Corridor; 2'x4' Acoustical Ceiling Tile White							
13	GI1212-13	07	0.900	24.4	16.0	59.6	NAD	NAD
Location:	Office South; Interior Window Caulking White							
14	GI1212-14	07	0.407	29.6	61.3	9.1	NAD	NAD
Location:	Office North; Interior Window Caulking White							
15	GI1212-15	08	----	----	----	----	NAD	NA
Location:	Bathroom; Wall Ceramic Tile Grout White							
16	GI1212-16	08	----	----	----	----	NAD	NA
Location:	Bathroom; Wall Ceramic Tile Grout White							

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

A53466; T354 USPP Swat Office Fort, Watsworth, SI

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	GI1212-17	09	----	----	----	----	NAD	NA
Location: Bathroom; Wall Ceramic Tile Mortar Beige								
18	GI1212-18	09	----	----	----	----	NAD	NA
Location: Bathroom; Wall Ceramic Tile Mortar Beige								
19	GI1212-19	10	----	----	----	----	NAD	NA
Location: Bathroom; Floor Ceramic Tile Grout Tan								
20	GI1212-20	10	----	----	----	----	NAD	NA
Location: Bathroom; Floor Ceramic Tile Grout Tan								
21	GI1212-21	11	----	----	----	----	NAD	NA
Location: Bathroom; Floor Ceramic Tile Mortar Gray								
22	GI1212-22	11	----	----	----	----	NAD	NA
Location: Bathroom; Floor Ceramic Tile Mortar Gray								
23	GI1212-23	12	0.573	27.6	63.4	9.0	NAD	NAD
Location: Main Entrance; Interior Door Caulking White								
24	GI1212-24	12	0.556	27.3	30.4	42.3	NAD	NAD
Location: Side Entrance; Interior Door Caulking White								
25	GI1212-25	13	0.457	22.8	30.0	47.2	NAD	NAD
Location: East Side; Exterior Window Caulking Gray								
26	GI1212-26	13	0.314	24.9	41.7	33.4	NAD	NAD
Location: South Side; Exterior Window Caulking Gray								
27	GI1212-27	14	----	----	----	----	NAD	NA
Location: Main Office; Ceiling Wallboard Brown								
28	GI1212-28	14	----	----	----	----	NAD	NA
Location: By Bathrooms; Ceiling Wallboard Brown								
29	GI1212-29	15	----	----	----	----	NAD	NA
Location: Main Office; Ceiling Joint Compound White/Beige								
30	GI1212-30	15	----	----	----	----	NAD	NA
Location: By Bathrooms; Ceiling Joint Compound White/Beige								
31	GI1212-31	16	----	----	----	----	NAD	NA
Location: West Office; Brick Mortar Gray								
32	GI1212-32	16	----	----	----	----	NAD	NA
Location: North Office; Brick Mortar Gray								

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

A53466; T354 USPP Swat Office Fort, Watsworth, SI

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
33	GI1212-33	17	----	----	----	----	NAD	NA
Location:	Exterior North; Cinderblock Mortar Gray							
34	GI1212-34	17	----	----	----	----	NAD	NA
Location:	Exterior South; Cinderblock Mortar Gray							
35	GI1212-35	18	0.586	27.1	28.5	44.5	NAD	NAD
Location:	Exterior South; Louver Caulking Gray							
36	GI1212-36	18	0.717	26.8	24.8	48.4	NAD	NAD
Location:	Exterior North; Louver Caulking Gray							
37	GI1212-37	19	0.524	63.2	20.8	16.1	NAD	NAD
Location:	Roof South; Roofing Membrane Black							
38	GI1212-38	19	0.678	64.6	19.0	16.4	NAD	NAD
Location:	Roof North; Roofing Membrane Black							
39	GI1212-39	20	0.393	49.3	28.5	22.2	NAD	NAD
Location:	Roof South; Felt							
40	GI1212-40	20	0.488	48.7	28.1	23.2	NAD	NAD
Location:	Roof North; Felt							

Analyzed by: Beverly A. Schrage Reviewed by: Glenn F. Massey

Date: 12/21/2024

Semi-Quantitative Analysis: NAD = no asbestos detected; NA = not analyzed; NA/PS = not analyzed due to positive stop; Trace = <1%; PLM analysis by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) or NY ELAP 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NY ELAP Lab # 10984); TEM prep by EPA 600/R-93/116 Section 2.3 (analysis by Section 2.5, not covered by NVLAP Bulk accreditation); or NY ELAP 198.4 for New York NOB samples (NY ELAP Lab # 10984). Analysis using Jeol, Model JEM-100CX II microscope, Serial #156147-247. ** Warning Notes: Consider PLM fiber diameter limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris, soils or other heterogeneous materials for which a combination PLM/TEM evaluation is recommended; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only.

124121508

HILLMANN CONSULTING

BULK SAMPLE IDENTIFICATION FORM
PLM COC, Version 3.3

DATE: 12-12-2024

JOB#: A53466

Environmental Consulting & Lab Services, 1600 Route 22 East, Union, NJ 07083
(908) 688-7800 Fax (908) 686-2636 email: Gisakodze @hillmanngroup.com
TGukya + Delaney@Mabbett.com

☑ POSITIVE STOP ON ALL HOMOG. SAMPLES

TAT for PLM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for TEM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for SOF-V - 1wk 2wk _____

CLIENT: Mabbett & Associates

LOCATION: 1354 USPP Swat Office, Fort Wadsworth, SI

LAB Instructions: •ANALYZE ALL NOBS AS INDICATED BY (/) " VIA TEM IF NEGATIVE VIA PLM. POSITIVE STOP ON TEM ONLY
•ANALYZE BOTTOM / INNER LAYERS FIRST AS INDICATED BY "BL" – IF POSITIVE THEN STOP ANALYSIS OF OTHER LAYERS

Homg. ID	Sample # / Lab #	Floor/Room	Location Description	Material Description / Color	Quantity in SOW?	Cond / Friable?	NOB	Time Sample Collected	Lab Results
01	GI1212-01	Ground	Office North	Wallboard, Gray	4,200 SF	G / Y		0830	
↓	02		by bathrooms South	↓					
02	03		Office North	Joint Compound White					
↓	04		by bathrooms South	↓	↓	↓			
03	05		Office East	Cove base mastic Yellow	35 SF	G / N	∅		
↓	06		Corridor	↓	↓				
04	07		Office by Main Ent	12x12 Floor Tile, Gray	1,400 SF				
↓	08		Corridor by bathrooms	↓					
05	09		Office by Main Ent	12x12 Floor Tile Mastic Yellow					
↓	10	↓	Corridor by bathrooms	↓	↓	↓	↓	↓	

RECEIVED
DEC 16 2024
ARM by

CHAIN OF CUSTODY

	SAMPLED BY:	TRANSPORTED BY:	RECEIVED BY:	ANALYZED BY:
Print	Giorgi Isakodze	Jacob Walsh		
Sign				
Date	12-12-2024	12/12/24		

Spaces Occupied?
Spaces Operating?
Access Issues?

Material Codes
AP=acoustical plaster, **BC**=brown coat, **BF**=base flashing, **BUR**=built-up roofing, **CB**=cove base, **CBM**=cove base mastic, **CF**=curb flashing, **CFT**=ceramic floor tile, **CM**=carpet mastic, **CPM**=carpet padding mastic, **CPT**=carpet tile mastic, **CT**=ceiling tile, **CTM**=CT mastic, **CWT**=ceramic wall tile, **FP**=fireproofing, **JC**=joint compound, **JT**=joint tape, **LC**=leveling compound, **PL**=plaster, **PP**=pitch pocket, **PPW**=parapet wall flashing, **RFP**=re-inforced fiberglass panel, **SP**=soundproofing, **TP**=tar paper, **VB**=vapor barrier, **VCT**=vinyl floor tile, **VCTM**=VCT mastic, **VSF**=vinyl sheet flooring, **WB**=wallboard, **WPA**=wall paper adhesive, **PI** = pipe insulation, **PFI** = pipe fitting insulation, **FG** = fiberglass line **ALL OTHER DESCRIPTIONS MUST BE WRITTEN OUT**

124121508

HILLMANN CONSULTING

BULK SAMPLE IDENTIFICATION FORM
PLM COC, Version 3.3

DATE: 12-12-2024

JOB#: A53466

Environmental Consulting & Lab Services, 1600 Route 22 East, Union, NJ 07083
(908) 688-7800 Fax (908) 686-2636 email: Gisakodze @hillmanngroup.com
TGukya + Delaney@Mabbett.com

☑ POSITIVE STOP ON ALL HOMOG. SAMPLES

TAT for PLM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for TEM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for SOF-V - 1wk 2wk _____

CLIENT: Mabbett & Associates

LOCATION: T354 USPP SWAT Office, Fort Wadsworth, SI

LAB Instructions: •ANALYZE ALL NOBS AS INDICATED BY "⊘" VIA TEM IF NEGATIVE VIA PLM. POSITIVE STOP ON TEM ONLY
•ANALYZE BOTTOM / INNER LAYERS FIRST AS INDICATED BY "BL" — IF POSITIVE THEN STOP ANALYSIS OF OTHER LAYERS

Homg. ID	Sample # / Lab #	Floor/Room	Location Description	Material Description / Color	Quantity in SOW?	Cond Friable?	NOB	Time Sample Collected	Lab Results
06	G1212-11	Ground	Office by Main Ent	White 2x4' Acoustical Ceiling Tile	380 SF	G / Y	⊘	0830	
↓	12		Corridor	↓	↓	↓	↓	↓	
07	13		Office South	White Interior Window Caulking	48 LF	G / N			
↓	14		↓ North	↓	↓	↓	↓		
08	15		Bathroom	White Wall Ceramic Tile, grout	180 SF	G / Y			
↓	16		↓	↓	↓	↓			
09	17			Beige Floor Ceramic Tile Mortar					
↓	18			↓	↓				
10	19			Tan Floor Ceramic Tile grout	85 SF				
↓	20	↓	↓	↓	↓	↓		↓	

RECEIVED
DEC 16 2024
ARCWA

CHAIN OF CUSTODY

	SAMPLED BY:	TRANSPORTED BY:	RECEIVED BY:	ANALYZED BY:
Print	Giorgi Tsakodze	Jacob Walsh		
Sign				
Date	12-12-2024	12/12/24		

Spaces Occupied?
Spaces Operating?
Access Issues?

Material Codes
AP=acoustical plaster, **BC**=brown coat, **BF**=base flashing, **BUR**=built-up roofing, **CB**=cove base, **CBM**=cove base mastic, **CF**=curb flashing, **CFT**=ceramic floor tile, **CM**=carpet mastic, **CPM**=carpet padding mastic, **CPT**=carpet tile mastic, **CT**=ceiling tile, **CTM**=CT mastic, **CWT**=ceramic wall tile, **FP**=fireproofing, **JC**=joint compound, **JT**=joint tape, **LC**=leveling compound, **PL**=plaster, **PP**=pitch pocket, **PPW**=parapet wall flashing, **RFP**=re-inforced fiberglass panel, **SP**=soundproofing, **TP**=tar paper, **VB**=vapor barrier, **VCT**=vinyl floor tile, **VCTM**=VCT mastic, **VSF**=vinyl sheet flooring, **WB**=wallboard, **WPA**=wall paper adhesive, **PI** = pipe insulation, **PFI** = pipe fitting insulation, **FG** = fiberglass line **ALL OTHER DESCRIPTIONS MUST BE WRITTEN OUT**

124121508

HILLMANN CONSULTING

BULK SAMPLE IDENTIFICATION FORM
PLM COC, Version 3.3

DATE: 12-12-2024

JOB#: A53466

Environmental Consulting & Lab Services, 1600 Route 22 East, Union, NJ 07083
(908) 688-7800 Fax (908) 686-2636 email: Gisakodze TGukya @hillmanngroup.com + Delaney@Mabbett.com

☑ POSITIVE STOP ON ALL HOMOG. SAMPLES

TAT for PLM - 3-6hrs 8-12hrs 24hrs 48hrs ~~72hrs~~ 5-7day
TAT for TEM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for SOF-V - 1wk 2wk _____

CLIENT: Mabbett & Associates

LOCATION: 1354 USPP Swat Office, Fort Wadsworth, SI

LAB Instructions: •ANALYZE ALL NOBS AS INDICATED BY "⊘" VIA TEM IF NEGATIVE VIA PLM. POSITIVE STOP ON TEM ONLY
•ANALYZE BOTTOM / INNER LAYERS FIRST AS INDICATED BY "BL" – IF POSITIVE THEN STOP ANALYSIS OF OTHER LAYERS

Homg. ID	Sample # / Lab #	Floor/Room	Location Description	Material Description / Color	Quantity in SOW?	Cond Friable?	NOB	Time Sample Collected	Lab Results
11	GI1212-21	Ground	Bathroom	Floor Ceramic Tile Mortar Gray	85 SF	G / Y		0830	
↓	22		↓	↓	↓	↓			
12	23		Main Entrance	Interior Door Caulking White	14 LF	G / N	⊘		
↓	24	↓	Side Entrance	↓	↓	↓	↓		
13	25	Exterior	East side	Exterior Window Caulking Gray	4 LF				
↓	26	↓	South side	↓	↓	↓	↓		
14	27	Ground	Main office	Ceiling Wallboard, Beige	350 SF	G / Y			
↓	28		by bathrooms	↓					
15	29		Main office	Ceiling Joint Compound White / Beige					
↓	30	↓	by bathrooms	↓	↓	↓		↓	

RECEIVED
DEC 16 2024
ARWByD

CHAIN OF CUSTODY

	SAMPLED BY:	TRANSPORTED BY:	RECEIVED BY:	ANALYZED BY:
Print	Giorgi Isakodze	Jakob Walsh		
Sign				
Date	12-12-2024	12/12/24		

Spaces Occupied?
Spaces Operating?
Access Issues?

Material Codes
AP=acoustical plaster, **BC**=brown coat, **BF**=base flashing, **BUR**=built-up roofing, **CB**=cove base, **CBM**=cove base mastic, **CF**=curb flashing, **CFT**=ceramic floor tile, **CM**=carpet mastic, **CPM**=carpet padding mastic, **CPT**=carpet tile mastic, **CT**=ceiling tile, **CTM**=CT mastic, **CWT**=ceramic wall tile, **FP**=fireproofing, **JC**=joint compound, **JT**=joint tape, **LC**=leveling compound, **PL**=plaster, **PP**=pitch pocket, **PPW**=parapet wall flashing, **RFP**=re-inforced fiberglass panel, **SP**=soundproofing, **TP**=tar paper, **VB**=vapor barrier, **VCT**=vinyl floor tile, **VCTM**=VCT mastic, **VSF**=vinyl sheet flooring, **WB**=wallboard, **WPA**=wall paper adhesive, **PI** = pipe insulation, **PFI** = pipe fitting insulation, **FG** = fiberglass line **ALL OTHER DESCRIPTIONS MUST BE WRITTEN OUT**

124121508

HILLMANN CONSULTING

BULK SAMPLE IDENTIFICATION FORM
PLM COC, Version 3.3

DATE: 12-12-2024

JOB#: A53466

Environmental Consulting & Lab Services, 1600 Route 22 East, Union, NJ 07083
(908) 688-7800 Fax (908) 686-2636 email: Gisakodze @hillmanngroup.com
TGulya + Delaney@Mabbett.com

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TAT for TEM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for SOF-V - 1wk 2wk

CLIENT: Mabbett & Associates

LOCATION: T354 USPP SWAT Office, Fort Wadsworth, SI

LAB Instructions: •ANALYZE ALL NOBS AS INDICATED BY "⊘" VIA TEM IF NEGATIVE VIA PLM. POSITIVE STOP ON TEM ONLY
•ANALYZE BOTTOM / INNER LAYERS FIRST AS INDICATED BY "BL" — IF POSITIVE THEN STOP ANALYSIS OF OTHER LAYERS

Homg. ID	Sample # / Lab #	Floor/Room	Location Description	Material Description / Color	Quantity in SOW?	Cond Friable?	NOB	Time Sample Collected	Lab Results
16	GI1212-31	Ground	West Office	Brick Mortar Grey		G / Y		0830	
↓	32	↓	North Office	↓		↓		↓	
17	33		Exterior North	Cinderblock Mortar Grey					
↓	34		↓ South	↓		↓			
18	35		Exterior South	Louver Coating Grey	8LF	G / ↓	⊘		
↓	36	↓	↓ North	↓	↓	↓	↓		
19	37	ROOF	ROOF South	Roofing Membrane Black	800 SF				
↓	38	↓	North	↓	↓	↓	↓	↓	
20	39	↓	South	Felt	↓	↓	↓	↓	
↓	40	↓	↓ North	↓	↓	↓	↓	1200	

RECEIVED
DEC 16 2024
ARW By

CHAIN OF CUSTODY

	SAMPLED BY:	TRANSPORTED BY:	RECEIVED BY:	ANALYZED BY:
Print	Giorgi Isakodze	Jacob Walsh		
Sign				
Date	12-12-2024	12/12/24		

Spaces Occupied?
Spaces Operating?
Access Issues?

Material Codes
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AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800

December 21, 2024

Mabbett & Associates, Inc.
Attn: Michael Delaney
105 Central Street
Suite 4100
Stoneham, MA 02180

RE: Mabbett & Associates, Inc.
Job Number 124121507
P.O. #A53466
A53466; T-435 Boiler House

Dear Michael Delaney:

Enclosed are the results of Asbestos Analysis - Bulk Protocol of the following Mabbett & Associates, Inc. samples, received at AmeriSci on Monday, December 16, 2024, for a 5 day turnaround:

GI1211-01, GI1211-02, GI1211-03, GI1211-04, GI1211-05, GI1211-06, GI1211-07, GI1211-08, GI1211-09, GI1211-10, GI1211-11, GI1211-12, GI1211-13, GI1211-14

The 14 samples, placed in zip lock bag, were shipped to AmeriSci via Fed Ex 7706 1695 0310 . Mabbett & Associates, Inc. requested ELAP PLM/TEM analysis of these samples.

The results of the analyses which were performed under NYSDOH ELAP Lab Certification # 10984 following ELAP 198.4 TEM guidelines are presented within the Summary Table of this report. The presence of matrix reduction data in the Summary Table normally indicates an NOB sample. For NOB samples the individual matrix reduction and TEM analysis results are listed in Table I. Complete PLM results for individual samples analyzed by ELAP 198.1 (friable) and ELAP 198.6 (NOB) are presented in the PLM Bulk Asbestos Report. This combined report relates ONLY to sample analysis expressed as percent composition by weight and percent asbestos. This report must not be used to claim product endorsement or approval by these laboratories, NVLAP, ELAP or any other associated agency. The National Institute of Standards and Technology accreditation requirements, mandate that this report must not be reproduced, except in full without the written approval of the laboratory. This report may contain specific data not covered by NVLAP or ELAP accreditations respectively, if so identified in relevant footnotes.

AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,

Beverly A. Schrage

Senior Analyst | Authorized Signatory

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800

PLM Bulk Asbestos Report

Mabbett & Associates, Inc.
Attn: Michael Delaney
105 Central Street
Suite 4100
Stoneham, MA 02180

Date Received 12/16/2024 **AmeriSci Job #** 124121507
Date Examined 12/20/24 **P.O. #**
ELAP # 10984 **Page** 1 **of** 3
RE: A53466; T-435 Boiler House

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI1211-01 01	124121507-01	***Yes***	44% (by NYS ELAP 198.1) by Daisha Addison on 12/20/24	
Location: Boiler House; Pipe Fitting Gray Ins **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 44% **Other Material:** Cellulose 35%, Fibrous glass 20%				
GI1211-02 01	124121507-02		NA/PS	
Location: Boiler House; Pipe Fitting Gray Ins **Analyst Description:** Bulk Material **Asbestos Types:** **Other Material:**				
GI1211-03 01	124121507-03		NA/PS	
Location: Boiler House; Pipe Fitting Gray Ins **Analyst Description:** Bulk Material **Asbestos Types:** **Other Material:**				
GI1211-04 02	124121507-04		NA	*1,2,3*
Location: Boiler House; Boiler Door Brown Thermal Insulation **Analyst Description:** Bulk Material **Asbestos Types:** **Other Material:**				
GI1211-05 02	124121507-05		NA	*1,2,3*
Location: Boiler House; Boiler Door Brown Thermal Insulation **Analyst Description:** Bulk Material **Asbestos Types:** **Other Material:**				
GI1211-06 02	124121507-06		NA	*1,2,3*
Location: Boiler House; Boiler Door Brown Thermal Insulation **Analyst Description:** Bulk Material **Asbestos Types:** **Other Material:**				

See Reporting notes on last page

PLM Bulk Asbestos Report

A53466; T-435 Boiler House

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI1211-07 03	124121507-07	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/20/24	
Location: Boiler House; Fire Brick, Brown **Analyst Description:** Red, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI1211-08 03	124121507-08	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/20/24	
Location: Boiler House; Fire Brick, Brown **Analyst Description:** Red, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI1211-09 04	124121507-09	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/20/24	
Location: Boiler House; Fire Brick, Gray Mortar **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI1211-10 04	124121507-10	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/20/24	
Location: Boiler House; Fire Brick, Gray Mortar **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI1211-11 05	124121507-11	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/20/24	
Location: Boiler House; Brick Gray Mortar **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI1211-12 05	124121507-12	***No***	NAD (EPA 600/M4-82-020) by Daisha Addison on 12/20/24	
Location: Boiler House; Brick Gray Mortar **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI1211-13 06	124121507-13	***Yes***	2.2% (NOB by EPA 600/M4-82-020) by Daisha Addison on 12/20/24	
Location: Boiler House; Window Glazing White **Analyst Description:** Gray, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 2.2% **Other Material:** Non-fibrous 26%				
Comment: Heat Sensitive (organic): 8.7%; Acid Soluble (inorganic): 62.3%; Inert (Non-asbestos): 26.8%				

See Reporting notes on last page

PLM Bulk Asbestos Report

A53466; T-435 Boiler House

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI1211-14 06	124121507-14		NA/PS	

Location: Boiler House; Window Glazing White
Analyst Description: Bulk Material
Asbestos Types:
Other Material:
Comment: Heat Sensitive (organic): 10.6%; Acid Soluble (inorganic): 49.7%; Inert (Non-asbestos): 39.7%

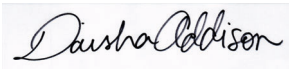
Reporting Notes:

(1) "Attic fill, block fill, or other loose vermiculite materials must be designated and treated as ACM" per NYSDOH Guidance Letter 07-09-

(2) Spray-On Fireproofing and other Surfacing Material containing Vermiculite (SOF-V/SM-V) must be analyzed by ELAP method 198.8.

(3) A 10 gram minimum per sample must be provided. AmeriSci Richmond is certified to perform NY ELAP method 198.8

Analyzed by: Daisha Addison
Date: 12/20/2024



Reviewed by: Beverly A. Schrage

*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis using Meiji, Model MT 6120 microscope, Serial #2200363, by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.

124121507

HILLMANN CONSULTING

BULK SAMPLE IDENTIFICATION FORM
PLM COC, Version 3.3

DATE: 12-11-24

JOB#: A53466

Environmental Consulting & Lab Services, 1600 Route 22 East, Union, NJ 07083
(908) 688-7800 Fax (908) 686-2636 email: Gisakozie@hillmanngroup.com

☑ POSITIVE STOP ON ALL HOMOG. SAMPLES

CLIENT: Mabbett & Associates TGutka + Delaney@Mabbett.com

LOCATION: T-435 Boiler house

TAT for PLM - 3-6hrs 8-12hrs 24hrs 48hrs ~~72hrs~~ 5-7day
TAT for TEM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for SOF-V - 1wk 2wk _____

LAB Instructions: •ANALYZE ALL NOBS AS INDICATED BY (⊘) " VIA TEM IF NEGATIVE VIA PLM. POSITIVE STOP ON TEM ONLY
•ANALYZE BOTTOM / INNER LAYERS FIRST AS INDICATED BY "BL" – IF POSITIVE THEN STOP ANALYSIS OF OTHER LAYERS

Homg. ID	Sample # / Lab #	Floor/Room	Location Description	Material Description / Color	Quantity in SOW?	Cond Friable?	NOB	Time Sample Collected	Lab Results
01	GI1211-01	Ground	Boiler house	Pipe fitting Ins Gray	8 LF	G Y		0830	
	02								
	03			↓	↓				
02	04			Boiler Door Thermal Brown Insulation	8 SF				
	05			↓					
	06			↓	↓				
03	07			Fire Brick, Brown	20 SF				
	08			↓					
04	09			Fire Brick Mortar Gray					RECEIVED
	10	↓	↓	↓	↓	↓		↓	DEC 16 2024

CHAIN OF CUSTODY

	SAMPLED BY:	TRANSPORTED BY:	RECEIVED BY:	ANALYZED BY:
Print	Giorgi Isakadze	Jacob Wenish		
Sign				
Date	12-11-24	12/12/24		

Spaces Occupied?
Spaces Operating?
Access Issues?

Material Codes

AP=acoustical plaster, **BC**=brown coat, **BF**=base flashing, **BUR**=built-up roofing, **CB**=cove base, **CBM**=cove base mastic, **CF**=curb flashing, **CFT**=ceramic floor tile, **CM**=carpet mastic, **CPM**=carpet padding mastic, **CPT**=carpet tile mastic, **CT**=ceiling tile, **CTM**=CT mastic, **CWT**=ceramic wall tile, **FP**=fireproofing, **JC**=joint compound, **JT**=joint tape, **LC**=leveling compound, **PL**=plaster, **PP**=pitch pocket, **PPW**=parapet wall flashing, **RFP**=re-inforced fiberglass panel, **SP**=soundproofing, **TP**=tar paper, **VB**=vapor barrier, **VCT**=vinyl floor tile, **VCTM**=VCT mastic, **VSF**=vinyl sheet flooring, **WB**=wallboard, **WPA**=wall paper adhesive, **PI** = pipe insulation, **PFI** = pipe fitting insulation, **FG** = fiberglass line **ALL OTHER DESCRIPTIONS MUST BE WRITTEN OUT**

124121507

HILLMANN CONSULTING

BULK SAMPLE IDENTIFICATION FORM
PLM COC, Version 3.3

DATE: 12-11-24

JOB#: A53466

Environmental Consulting & Lab Services, 1600 Route 22 East, Union, NJ 07083
(908) 688-7800 Fax (908) 686-2636 email: Gisakozie@hillmanngroup.com

☑ POSITIVE STOP ON ALL HOMOG. SAMPLES

CLIENT: Mabbett & Associates TGuha + Delaney@Mabbett.com

TAT for PLM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for TEM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for SOF-V - 1wk 2wk

LOCATION: T-435 Boiler house

LAB Instructions: •ANALYZE ALL NOBS AS INDICATED BY "∅" VIA TEM IF NEGATIVE VIA PLM. POSITIVE STOP ON TEM ONLY
•ANALYZE BOTTOM / INNER LAYERS FIRST AS INDICATED BY "BL" – IF POSITIVE THEN STOP ANALYSIS OF OTHER LAYERS

Homg. ID	Sample # / Lab #	Floor/Room	Location Description	Material Description / Color	Quantity in SOW?	Cond Friable?	NOB	Time Sample Collected	Lab Results
05	GI1211-11	Ground	Boiler house	Brick mortar Grey	SSF	G Y		0930	
↓	12	↓	↓	↓	↓	↓		↓	
06	13			White Mixture Grainy	12LF	G N	∅	↓	
↓	14	↓	↓	↓	↓	↓	↓	1000	

RECEIVED
DEC 16 2024
aw

CHAIN OF CUSTODY

SAMPLED BY:	TRANSPORTED BY:	RECEIVED BY:	ANALYZED BY:
Print Giorgi Isakoze	Jacob Walsh		
Sign			
Date 12-11-24	12/12/24		

Spaces Occupied?
Spaces Operating?
Access Issues?

Material Codes
AP=acoustical plaster, **BC**=brown coat, **BF**=base flashing, **BUR**=built-up roofing, **CB**=cove base, **CBM**=cove base mastic, **CF**=curb flashing, **CFT**=ceramic floor tile, **CM**=carpet mastic, **CPM**=carpet padding mastic, **CPT**=carpet tile mastic, **CT**=ceiling tile, **CTM**=CT mastic, **CWT**=ceramic wall tile, **FP**=fireproofing, **JC**=joint compound, **JT**=joint tape, **LC**=leveling compound, **PL**=plaster, **PP**=pitch pocket, **PPW**=parapet wall flashing, **RFP**=re-inforced fiberglass panel, **SP**=soundproofing, **TP**=tar paper, **VB**=vapor barrier, **VCT**=vinyl floor tile, **VCTM**=VCT mastic, **VSF**=vinyl sheet flooring, **WB**=wallboard, **WPA**=wall paper adhesive, **PI** = pipe insulation, **PFI** = pipe fitting insulation, **FG** = fiberglass line **ALL OTHER DESCRIPTIONS MUST BE WRITTEN OUT**

APPENDIX C

LCP Laboratory Report and Chain of Custody Documentation

Analysis for Lead Concentration in Paint Chips

by Flame Atomic Absorption Spectroscopy
EPA SW-846 3050B/6010C/7000B

Customer: Mabbett & Associates, Inc.
105 Central Street Suite 4100
Stoneham, MA 02180

Attn: Michael Delaney

Project: DHM Gateway - T435 Boiler House

Lab Order ID: **10070811**
Analysis: PBP
Date Received: 12/16/2024
Date Reported: 12/23/2024

Sample ID *Lab Sample ID*	Description *Lab Notes*	Mass (g)	Reporting Limit (ppm)	Concentration (ppm)	Concentration (% by weight)
PC-Pb-01	**Green metal roof paint - T435 boiler house**	0.1003	400	24000	**2.4%**
10070811_0001					
PC-Pb-02	**White metal wall paint - T435 boiler house**	0.1427	280	22000	**2.2%**
10070811_0002					

Disclaimer: Unless otherwise noted blank sample correction was not performed on analytical results. Scientific Analytical Institute participates in the AIHA ELPAT program. ELPAT Laboratory ID: 173190. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. Analytical uncertainty available upon request. The quality control samples run with the samples in this report have passed all EPA required specifications unless otherwise noted. RL: (Report Limit for an undiluted 50ml sample is 4µg Total Pb). All sample dried before preparation and analysis.

Mark Doki (2)
Analyst

Approved Signatory

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888

5-Day TAT

Scientific Analytical Institute
4604 Dundas Dr. Greensboro, NC 27407
Phone: 336.292.3888 Fax: 336.292.3313
www.sailab.com lab@sailab.com

Lab Use Only
Lab Order ID: 10070811
Client Code: _____

Contact Information

Company Name: Mabbett & Associates, Inc.
Address: 105 Central St., Suite 4100
Stoneham, MA 02180

Contact: Michael Delaney
Phone ☒: 781-275-6050
Fax ☐:
Email ☒: delaney@mabbett.com
PO Number: R2020001.006
Project Name/Number: DHM Gateway - T435 Boiler House

Billing/Invoice Information

Company:
Address: SAME
Contact:
Phone ☐:
Fax ☐:
Email ☒: accountspayable@mabbett.com

Turn Around Times

JTW

3 Hours	☐	72 Hours	☒
6 Hours	☐	96 Hours	☐
12 Hours	☐	120 Hours	☒
24 Hours	☐	144+ Hours	☐
48 Hours	☐		

Lead Test Types

Paint Chips by Flame AA (PBP) ☒	Soil by Flame AA (PBS) ☐	Other ☐
Wipe by Flame AA (PBW) ☐	Air by Flame AA (PBA) ☐	

Sample ID #	Description/Location	Volume/Area	Comments
PC-Pb-01	Green Metal Roof Paint - T435 Boiler House		
PC-Pb-02	White Metal Wall Paint - T435 Boiler House		

Accepted ☑
Rejected ☐

Samples Collected in NJ

Total Number of Samples 2

Relinquished by	Date/Time	Received by	Date/Time
Jacob Walsh [signature]	12/13/24 1430	[signature]	12/16 1030

A-F-020 EXP: 2/4/2021

Analysis for Lead Concentration in Paint Chips

by Flame Atomic Absorption Spectroscopy
EPA SW-846 3050B/6010C/7000B

Customer: Mabbett & Associates, Inc.
105 Central Street Suite 4100
Stoneham, MA 02180

Attn: Michael Delaney

Project: DHM Gateway - B5 Garage

Lab Order ID: **10070805**
Analysis: PBP
Date Received: 12/16/2024
Date Reported: 12/23/2024

Sample ID *Lab Sample ID*	Description *Lab Notes*	Mass (g)	Reporting Limit (ppm)	Concentration (ppm)	Concentration (% by weight)
PC-Pb-03 *10070805_0001*	**Brown wooden door frame paint - B5 garage, Right door**	0.0878	46	2300	**0.23%**
PC-Pb-04 *10070805_0002*	**White wooden siding paint - B5 garage, Left door**	0.1125	36	4800	**0.48%**

Disclaimer: Unless otherwise noted blank sample correction was not performed on analytical results. Scientific Analytical Institute participates in the AIHA ELPAT program. ELPAT Laboratory ID: 173190. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. Analytical uncertainty available upon request. The quality control samples run with the samples in this report have passed all EPA required specifications unless otherwise noted. RL: (Report Limit for an undiluted 50ml sample is 4µg Total Pb). All sample dried before preparation and analysis.

Mark Doki (2)
Analyst

Approved Signatory

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888

5 Day TAT

Scientific Analytical Institute
4604 Dundas Dr. Greensboro, NC 27407
Phone: 336.292.3888 Fax: 336.292.3313
www.sailab.com lab@sailab.com

Lab Use Only
Lab Order ID: 10070805
Client Code: _____

Contact Information

Company Name: Mabbett & Associates, Inc.
Address: 105 Central St., Suite 4100
Stoneham, MA 02180

Contact: Michael Delaney
Phone ☒: 781-275-6050
Fax ☐:
Email ☒: delaney@mabbett.com
PO Number: R2020001.006
Project Name/Number: DHM Gateway - B5 Garage

Billing/Invoice Information

Company:
Address: SAME
Contact:
Phone ☐:
Fax ☐:
Email ☒: accountspayable@mabbett.com

Turn Around Times

3 Hours	☐	72 Hours	☒ JTW
6 Hours	☐	96 Hours	☐
12 Hours	☐	120 Hours	☒
24 Hours	☐	144+ Hours	☐
48 Hours	☐		

Lead Test Types

Paint Chips by Flame AA (PBP) ☒	Soil by Flame AA (PBS) ☐	Other ☐
Wipe by Flame AA (PBW) ☐	Air by Flame AA (PBA) ☐	

Sample ID #	Description/Location	Volume/Area	Comments
PC-Pb-03	Brown Wooden Door Frame Paint		
	- B5 Garage, Right Door		
PC-Pb-04	White Wooden Siding Paint		
	- B5 Garage, Left Door		
		Accepted	
		Rejected	

A Sampled in NYC A

Total Number of Samples 2

Relinquished by	Date/Time	Received by	Date/Time
Jacob Walsh [illegible]	12/13/24 1430	[illegible]	12/16 1020

A-F-020 EXP: 2/4/2021

Page 1 of 1

Analysis for Lead Concentration in Paint Chips

by Flame Atomic Absorption Spectroscopy
EPA SW-846 3050B/6010C/7000B

Customer: Mabbett & Associates, Inc.
105 Central Street Suite 4100
Stoneham, MA 02180

Attn: Michael Delaney

Project: DHM Gateway - Ranger Trailer

Lab Order ID: **10070803**
Analysis: PBP
Date Received: 12/16/2024
Date Reported: 12/23/2024
Date Amended: 12/30/2024

Sample ID *Lab Sample ID*	Description *Lab Notes*	Mass (g)	Reporting Limit (ppm)	Concentration (ppm)	Concentration (% by weight)
PC-Pb-05 *10070803_0001*	**Red wood railing paint - ranger trailer exterior, Right staircase**	0.1580	25	<25	**<0.0025%**
PC-Pb-06 *10070803_0002*	**Black metal fence paint - ranger trailer exterior**	0.1145	35	<35	**<0.0035%**
PC-Pb-07 *10070803_0003*	**Brown metal door paint - ranger trailer exterior, Left door**	0.1271	31	<31	**<0.0031%**
PC-Pb-08 *10070803_0004*	**White metal panel paint - ranger trailer exterior**	0.1592	25	290	**0.029%**

Disclaimer: Unless otherwise noted blank sample correction was not performed on analytical results. Scientific Analytical Institute participates in the AIHA ELPAT program. ELPAT Laboratory ID: 173190. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. Analytical uncertainty available upon request. The quality control samples run with the samples in this report have passed all EPA required specifications unless otherwise noted. RL: (Report Limit for an undiluted 50ml sample is 4µg Total Pb). All sample dried before preparation and analysis.

Mark Doki (4)
Analyst

Approved Signatory

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888

5 Day TAT

Scientific Analytical Institute
4604 Dundas Dr. Greensboro, NC 27407
Phone: 336.292.3888 Fax: 336.292.3313
www.sailab.com lab@sailab.com

Lab Use Only
Lab Order ID: 10070803
Client Code: _____

Contact Information

Company Name: Mabbett & Associates, Inc.
Address: 105 Central St., Suite 4100
Stoneham, MA 02180

Contact: Michael Delaney
Phone ☒: 781-275-6050
Fax ☐:
Email ☒: delaney@mabbett.com
PO Number: R2020001.006
Project Name/Number: DHM Gateway - Ranger Trailer

Billing/Invoice Information

Company:
Address: SAME
Contact:
Phone ☐:
Fax ☐:
Email ☒: accountspayable@mabbett.com

Turn Around Times

JTW

3 Hours	☐	72 Hours	☒
6 Hours	☐	96 Hours	☐
12 Hours	☐	120 Hours	☒
24 Hours	☐	144+ Hours	☐
48 Hours	☐		

Lead Test Types

Paint Chips by Flame AA (PBP) ☒	Soil by Flame AA (PBS) ☐	Other ☐
Wipe by Flame AA (PBW) ☐	Air by Flame AA (PBA) ☐	

Sample ID #	Description/Location	Volume/Area	Comments
PC-Pb-05	Red Wood Railing Paint		
	- Ranger Trailer Exterior, right staircase		
PC-Pb-06	Black Metal Fence Paint		
	- Ranger Trailer Exterior		
PC-Pb-07	Brown Metal Door Paint		
	- Ranger Trailer Exterior, Left Door		
PC-Pb-08	White Metal Panel Paint		
	- Ranger Trailer Exterior		

Accepted ☒
Rejected ☐

* Sampled in NYC *

Total Number of Samples 4

Relinquished by	Date/Time	Received by	Date/Time
Jacob Walsh [signature]	12/13/24 1430	[signature]	12/14 1020

A-F-020 EXP: 2/4/2021

Analysis for Lead Concentration in Paint Chips

by Flame Atomic Absorption Spectroscopy
EPA SW-846 3050B/6010C/7000B

Customer: Mabbett & Associates, Inc.
105 Central Street Suite 4100
Stoneham, MA 02180

Attn: Michael Delaney

Project: DHM Gateway - T354 SWAT Office

Lab Order ID: **10070798**
Analysis: PBP
Date Received: 12/16/2024
Date Reported: 12/23/2024
Date Amended: 12/30/2024

Sample ID *Lab Sample ID*	Description *Lab Notes*	Mass (g)	Reporting Limit (ppm)	Concentration (ppm)	Concentration (% by weight)
Pc-Pb-09 *10070798_0001*	**Blue gypsum wall paint - SWAT office front room**	0.1533	26	<26	**<0.0026%**
Pc-Pb-10 *10070798_0002*	**White gypsum wall paint - SWAT office reception**	0.0745	54	<54	**<0.0054%**
Pc-Pb-11 *10070798_0003*	**Brown metal door paint SWAT office, exterior main entry**	0.1821	22	43	**0.0043%**

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Mark Doki (3)
Analyst

Approved Signatory

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888

Scientific Analytical Institute
4604 Dundas Dr. Greensboro, NC 27407
Phone: 336.292.3888 Fax: 336.292.3313
www.sailab.com lab@sailab.com

Lab Use Only
Lab Order ID: 1001098
Client Code: _____

Contact Information

Company Name: Mabbett & Associates, Inc.
Address: 105 Central St., Suite 4100
Stoneham, MA 02180
Contact: Michael Delaney
Phone ☒: 781-275-6050
Fax ☐:
Email ☒: delaney@mabbett.com
PO Number: R202000.006
Project Name/Number: DHM Gateway - T354 SWAT Office

Billing/Invoice Information

Company:
Address: SAME
Contact:
Phone ☐:
Fax ☐:
Email ☒: accountspayable@mabbett.com

Turn Around Times

3 Hours	☐	72 Hours	☐
6 Hours	☐	96 Hours	☐
12 Hours	☐	120 Hours	☒
24 Hours	☐	144+ Hours	☐
48 Hours	☐		

Lead Test Types

Paint Chips by Flame AA (PBP) ☒	Soil by Flame AA (PBS) ☐	Other ☐
Wipe by Flame AA (PBW) ☐	Air by Flame AA (PBA) ☐	

Sample ID #	Description/Location	Volume/Area	Comments
Pc-Py-09	Blue Gypsum Wall Paint - SWAT office Front Room		
Pc-Pb-10	White Gypsum Wall Paint - SWAT office Reception		
Pc-Pb-11	Brown Metal Door paint SWAT office, Exterior main Entry		

Accepted ☑
Rejected ☐

* Samples in NYC

Total Number of Samples 3

Relinquished by	Date/Time	Received by	Date/Time
Jacob Washburn	12/13/24 1430		12/14 1630

Analysis for Lead Concentration in Paint Chips

by Flame Atomic Absorption Spectroscopy
EPA SW-846 3050B/6010C/7000B

Customer: Mabbett & Associates, Inc.
105 Central Street Suite 4100
Stoneham, MA 02180

Attn: Michael Delaney

Project: DHM Gateway - T148

Lab Order ID: **10070796**
Analysis: PBP
Date Received: 12/16/2024
Date Reported: 12/23/2024

Sample ID *Lab Sample ID*	Description *Lab Notes*	Mass (g)	Reporting Limit (ppm)	Concentration (ppm)	Concentration (% by weight)
PC-Pb-12 *10070796_0001*	**White concrete wall paint - T148 interior**	0.0609	66	3900	**0.39%**
PC-Pb-13 *10070796_0002*	**Blue concrete wall paint - T148 interior**	0.1473	27	1800	**0.18%**
PC-Pb-14 *10070796_0003*	**Silver metal beam paint - T148 interior**	0.0964	4100	160000	**16%**

Disclaimer: Unless otherwise noted blank sample correction was not performed on analytical results. Scientific Analytical Institute participates in the AIHA ELPAT program. ELPAT Laboratory ID: 173190. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. Analytical uncertainty available upon request. The quality control samples run with the samples in this report have passed all EPA required specifications unless otherwise noted. RL: (Report Limit for an undiluted 50ml sample is 4µg Total Pb). All sample dried before preparation and analysis.

Mark Doki (3)
Analyst

Approved Signatory

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888

Scientific Analytical Institute
4604 Dundas Dr. Greensboro, NC 27407
Phone: 336.292.3888 Fax: 336.292.3313
www.sailab.com lab@sailab.com

Lab Use Only
Lab Order ID: 10070796
Client Code: _____

Contact Information

Company Name: Mabbett & Associates, Inc.
Address: 105 Central St., Suite 4100
Stoneham, MA 02180
Contact: Michael Delaney
Phone ☒: 781-275-6050
Fax ☐:
Email ☒: delaney@mabbett.com
PO Number: R2020001.006
Project Name/Number: DHM Gateway - T148

Billing/Invoice Information

Company:
Address: SAME
Contact:
Phone ☐:
Fax ☐:
Email ☒: accountspayable@mabbett.com

Lead Test Types

Paint Chips by Flame AA (PBP) ☒	Soil by Flame AA (PBS) ☐	Other ☐
Wipe by Flame AA (PBW) ☐	Air by Flame AA (PBA) ☐	

Turn Around Times

3 Hours	☐	72 Hours	☐
6 Hours	☐	96 Hours	☐
12 Hours	☐	120 Hours	☒
24 Hours	☐	144+ Hours	☐
48 Hours	☐		

Sample ID #	Description/Location	Volume/Area	Comments
PC-PB-12	White Concrete Wall Paint - T148 Interior		
PC-PB-13	Blue Concrete Wall Paint - T148 Interior		
PC-PB-14	Silver Metal Beam Paint - T148 Interior		

Accepted ☐
Rejected ☐

* Samples NYC *

Total Number of Samples 3

Relinquished by	Date/Time	Received by	Date/Time
Jacob Walsh	12/13/24 1430		12/16 1030

APPENDIX D

PCB Laboratory Report and Chain of Custody Documentation

ANALYTICAL REPORT

Lab Number:	L2473752
Client:	Mabbett & Associates 105 Central Street Suite 4100 Stoneham, MA 02180
ATTN:	Michael Delaney
Phone:	(781) 275-6050
Project Name:	DHM GATEWAY
Project Number:	R2020001.006
Report Date:	12/23/24

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: DHM GATEWAY
Project Number: R2020001.006

Lab Number: L2473752
Report Date: 12/23/24

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2473752-01	PCB-01, WHITE DOOR CAULK-RANGER TRAILER EXTERIOR	SOLID	NYC	12/11/24 12:30	12/16/24
L2473752-02	PCB-02, WHITE WOOD SIDING CAULK-B5 GARAGE, EXT. S.	SOLID	NYC	12/11/24 14:30	12/16/24
L2473752-03	PCB-03, BLUE WINDOW FRAME CAULK-SWAT OFFICE, INT.	SOLID	NYC	12/12/24 10:00	12/16/24
L2473752-04	PCB-04, WHITE WINDOW FRAME CAULK-SWAT OFFICE EXT.	SOLID	NYC	12/13/24 10:45	12/16/24
L2473752-05	PCB-05, WHITE WINDOW GLAZING-T148, INTERIOR	SOLID	NYC	12/12/24 12:30	12/16/24

Project Name:	DHM GATEWAY	**Lab Number:**	L2473752
Project Number:	R2020001.006	**Report Date:**	12/23/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	DHM GATEWAY	**Lab Number:**	L2473752
Project Number:	R2020001.006	**Report Date:**	12/23/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 12/23/24

ORGANICS

PCBS

Project Name: DHM GATEWAY
Project Number: R2020001.006
Lab Number: L2473752
Report Date: 12/23/24

SAMPLE RESULTS

Lab ID: L2473752-01
Client ID: PCB-01, WHITE DOOR CAULK-RANGER TRAILER
Sample Location: EXTERIOR
NYC
Sample Depth:
Matrix: Solid
Analytical Method: 1,8082A
Analytical Date: 12/22/24 11:47
Analyst: EMR
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Date Collected: 12/11/24 12:30
Date Received: 12/16/24
Field Prep: Not Specified

Extraction Method: EPA 3540C
Extraction Date: 12/20/24 12:00
Cleanup Method: EPA 3630
Cleanup Date: 12/21/24
Cleanup Method: EPA 3665A
Cleanup Date: 12/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	627	178.	1	A
Aroclor 1221	ND		ug/kg	627	183.	1	A
Aroclor 1232	ND		ug/kg	627	139.	1	A
Aroclor 1242	ND		ug/kg	313	112.	1	A
Aroclor 1248	ND		ug/kg	627	176.	1	A
Aroclor 1254	ND		ug/kg	627	128.	1	A
Aroclor 1260	ND		ug/kg	627	141.	1	A
Aroclor 1262	ND		ug/kg	627	129.	1	A
Aroclor 1268	ND		ug/kg	313	111.	1	A
PCBs, Total	ND		ug/kg	313	111.	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: DHM GATEWAY
Project Number: R2020001.006
Lab Number: L2473752
Report Date: 12/23/24

SAMPLE RESULTS

Lab ID: L2473752-02
Client ID: PCB-02, WHITE WOOD SIDING CAULK-B5 GARAGE, EXT. S.
Sample Location: NYC
Sample Depth:
Matrix: Solid
Analytical Method: 1,8082A
Analytical Date: 12/22/24 11:55
Analyst: EMR
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Date Collected: 12/11/24 14:30
Date Received: 12/16/24
Field Prep: Not Specified

Extraction Method: EPA 3540C
Extraction Date: 12/20/24 12:00
Cleanup Method: EPA 3630
Cleanup Date: 12/21/24
Cleanup Method: EPA 3665A
Cleanup Date: 12/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	595	169.	1	A
Aroclor 1221	ND		ug/kg	595	174.	1	A
Aroclor 1232	ND		ug/kg	595	132.	1	A
Aroclor 1242	ND		ug/kg	298	106.	1	A
Aroclor 1248	ND		ug/kg	595	167.	1	A
Aroclor 1254	ND		ug/kg	595	121.	1	A
Aroclor 1260	ND		ug/kg	595	134.	1	A
Aroclor 1262	ND		ug/kg	595	123.	1	A
Aroclor 1268	ND		ug/kg	298	105.	1	A
PCBs, Total	ND		ug/kg	298	105.	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: DHM GATEWAY
Project Number: R2020001.006
Lab Number: L2473752
Report Date: 12/23/24

SAMPLE RESULTS

Lab ID: L2473752-03
Client ID: PCB-03, BLUE WINDOW FRAME CAULK-SWAT
Sample Location: OFFICE, INT.
NYC
Sample Depth:
Matrix: Solid
Analytical Method: 1,8082A
Analytical Date: 12/22/24 12:03
Analyst: EMR
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Date Collected: 12/12/24 10:00
Date Received: 12/16/24
Field Prep: Not Specified

Extraction Method: EPA 3540C
Extraction Date: 12/20/24 12:00
Cleanup Method: EPA 3630
Cleanup Date: 12/21/24
Cleanup Method: EPA 3665A
Cleanup Date: 12/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	549	156.	1	A
Aroclor 1221	ND		ug/kg	549	161.	1	A
Aroclor 1232	ND		ug/kg	549	122.	1	A
Aroclor 1242	ND		ug/kg	275	98.4	1	A
Aroclor 1248	ND		ug/kg	549	154.	1	A
Aroclor 1254	ND		ug/kg	549	112.	1	A
Aroclor 1260	ND		ug/kg	549	123.	1	A
Aroclor 1262	ND		ug/kg	549	113.	1	A
Aroclor 1268	ND		ug/kg	275	97.0	1	A
PCBs, Total	ND		ug/kg	275	97.0	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: DHM GATEWAY
Project Number: R2020001.006
Lab Number: L2473752
Report Date: 12/23/24

SAMPLE RESULTS

Lab ID: L2473752-04
Client ID: PCB-04, WHITE WINDOW FRAME CAULK-SWAT
Sample Location: OFFICE EXT.
NYC
Sample Depth:
Matrix: Solid
Analytical Method: 1,8082A
Analytical Date: 12/22/24 12:11
Analyst: EMR
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Date Collected: 12/13/24 10:45
Date Received: 12/16/24
Field Prep: Not Specified

Extraction Method: EPA 3540C
Extraction Date: 12/20/24 12:00
Cleanup Method: EPA 3630
Cleanup Date: 12/21/24
Cleanup Method: EPA 3665A
Cleanup Date: 12/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	654	186.	1	A
Aroclor 1221	ND		ug/kg	654	191.	1	A
Aroclor 1232	ND		ug/kg	654	145.	1	A
Aroclor 1242	ND		ug/kg	327	117.	1	A
Aroclor 1248	ND		ug/kg	654	183.	1	A
Aroclor 1254	ND		ug/kg	654	133.	1	A
Aroclor 1260	ND		ug/kg	654	147.	1	A
Aroclor 1262	ND		ug/kg	654	135.	1	A
Aroclor 1268	ND		ug/kg	327	115.	1	A
PCBs, Total	ND		ug/kg	327	115.	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: DHM GATEWAY
Project Number: R2020001.006
Lab Number: L2473752
Report Date: 12/23/24

SAMPLE RESULTS

Lab ID: L2473752-05
Client ID: PCB-05, WHITE WINDOW GLAZING-T148, INTERIOR
Sample Location: NYC

Date Collected: 12/12/24 12:30
Date Received: 12/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8082A
Analytical Date: 12/22/24 12:19
Analyst: EMR
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Extraction Method: EPA 3540C
Extraction Date: 12/20/24 12:00
Cleanup Method: EPA 3630
Cleanup Date: 12/21/24
Cleanup Method: EPA 3665A
Cleanup Date: 12/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	602	171.	1	A
Aroclor 1221	ND		ug/kg	602	176.	1	A
Aroclor 1232	ND		ug/kg	602	134.	1	A
Aroclor 1242	ND		ug/kg	301	108.	1	A
Aroclor 1248	ND		ug/kg	602	169.	1	A
Aroclor 1254	ND		ug/kg	602	123.	1	A
Aroclor 1260	ND		ug/kg	602	135.	1	A
Aroclor 1262	ND		ug/kg	602	124.	1	A
Aroclor 1268	ND		ug/kg	301	106.	1	A
PCBs, Total	ND		ug/kg	301	106.	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: DHM GATEWAY
Project Number: R2020001.006

Lab Number: L2473752
Report Date: 12/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/22/24 11:22
Analyst: EMR

Extraction Method: EPA 3540C
Extraction Date: 12/20/24 12:00
Cleanup Method: EPA 3630
Cleanup Date: 12/21/24
Cleanup Method: EPA 3665A
Cleanup Date: 12/22/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-05 Batch: WG2011859-1						
Aroclor 1016	ND		ug/kg	548	156.	A
Aroclor 1221	ND		ug/kg	548	160.	A
Aroclor 1232	ND		ug/kg	548	122.	A
Aroclor 1242	ND		ug/kg	274	98.1	A
Aroclor 1248	ND		ug/kg	548	154.	A
Aroclor 1254	ND		ug/kg	548	112.	A
Aroclor 1260	ND		ug/kg	548	123.	A
Aroclor 1262	ND		ug/kg	548	113.	A
Aroclor 1268	ND		ug/kg	274	96.7	A
PCBs, Total	ND		ug/kg	274	96.7	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	91		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: DHM GATEWAY
Project Number: R2020001.006

Lab Number: L2473752
Report Date: 12/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG2011859-2 WG2011859-3									
Aroclor 1016	64		72		40-140	12		50	A
Aroclor 1260	68		76		40-140	11		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		83		30-150	A
Decachlorobiphenyl	74		85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		86		30-150	B
Decachlorobiphenyl	81		89		30-150	B

Project Name: DHM GATEWAY
Project Number: R2020001.006

Lab Number: L2473752
Report Date: 12/23/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2473752-01A	Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		PCB-8082-CAULK(365)
L2473752-02A	Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		PCB-8082-CAULK(365)
L2473752-03A	Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		PCB-8082-CAULK(365)
L2473752-04A	Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		PCB-8082-CAULK(365)
L2473752-05A	Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		PCB-8082-CAULK(365)

Container Comments

L2473752-01A	Custody Seal Present/Intact
L2473752-02A	Custody Seal Present/Intact
L2473752-03A	Custody Seal Present/Intact
L2473752-04A	Custody Seal Present/Intact
L2473752-05A	Custody Seal Present/Intact

*Values in parentheses indicate holding time in days

Project Name:	DHM GATEWAY	**Lab Number:**	L2473752
Project Number:	R2020001.006	**Report Date:**	12/23/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	DHM GATEWAY	**Lab Number:**	L2473752
Project Number:	R2020001.006	**Report Date:**	12/23/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	DHM GATEWAY	**Lab Number:**	L2473752
Project Number:	R2020001.006	**Report Date:**	12/23/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name: DHM GATEWAY
Project Number: R2020001.006

Lab Number: L2473752
Report Date: 12/23/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Project Manager.

CHAIN OF CUSTODY

PAGE 1 OF 1

ALPHA ANALYTICAL

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 12/16/24

ALPHA Job #: L2473752

Client Information

Client: MABBETT & ASSOCIATES, INC.
Address: 105 Central St., Stoneham
Suite 4100
Phone: 781-275-6050
Fax:
Email: delaney@mabbett.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: DHM Gateway
Project Location: NYC
Project #: R2020001.006
Project Manager: Michael Delaney
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☐ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program | Criteria

Other Project Specific Requirements/Comments/Detection Limits:

* Samples collected in New York City *

ANALYSIS: PCBs 8082A/3540C

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	PCBs 8082A/3540C	Sample Specific Comments	TOTAL # BOTTLES
73752-01	PCB-01, White Doorframe Caulk	12/11/24	1230	Bulk	JTW	X		1
	-Ranger Trailer Exterior							
-02	PCB-02, White Wood Siding Caulk	12/11/24	1430	Bulk	JTW	X		1
	- B5 Garage, Exterior South							
-03	PCB-03, Blue Window Frame Caulk	12/13/24	1000	Bulk	JTW	X		1
	- SWAT office, Interior							
-04	PCB-04, White Window Frame Caulk	12/13/24	1045	Bulk	JTW	X		1
	-SWAT office, Exterior Reception							
-05	PCB-05, White Window Glazing	12/13/24	1230	Bulk	JTW	X		1
	-T148, Interior							

Container Type	G
Preservative	N

Relinquished By:	Date/Time	Received By:	Date/Time
Jacob Walsh [signature]	12/15/24 1145	[signature] PACE	12/16/21 11:45
[signature] PACE	12/16/24 17:06	[signature]	12/16/21 1706

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)

APPENDIX E

Photo Log

Miller Field Building 5 Garage

Gray Transite Siding Panel

Gray Garage Door Frame Caulking

White Window Frame Caulking

Fort Tilden Building T148 Small Storage

Gray Transite Panel

Gray Exhaust Caulking

NIKE Launch Site Building 435 Boiler House

Gray Pipe Fitting Insulation

White Window Glazing

Boiler Door Brown Thermal Insulation

Asbestos Contaminated Debris

APPENDIX B

Hazardous Building Materials Survey Report Part II

GATE Deferred Maintenance and Building Demolition Project at Multiple Sites, Mod 1

HAZARDOUS BUILDING MATERIALS SURVEY REPORT

Gateway National Recreation Area
NIKE Launch Site Building 431
NIKE Launch Site Building 432
NIKE Launch Site Building 434
Fort Hancock Building 124
Miller Field Building 7

GATE Deferred Maintenance and Building Demolition Project at Multiple Sites, Mod 1

Mabbett Project No. R2020001.007.002

August 11, 2025

Prepared For:

DHM DESIGN

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Denver, CO 80209

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ACKNOWLEDGEMENT

This Hazardous Building Materials Survey Report has been prepared by Mabbett & Associates, Inc. (Mabbett®) for the GATE Building Demolition Project, at Miller Field Building 7, located in New York City and Fort Hancock building 124, and NIKE Launch Site buildings 431, 432, and 434 located in Sandy Hook, New Jersey. The information presented herein is based on the facts and information conveyed to or received by Mabbett during the preparation of this report. If any of the information provided to Mabbett that was used in preparing this report is incorrect, incomplete, or subject to change, Mabbett would wish to alter its opinions accordingly. In addition, the professional opinions and information contained in this report are based solely on the requirements of the applicable regulations and technical data as known to Mabbett as of the date of this report and considered applicable to this report.

Mabbett does not claim to have identified all hazardous materials that could be present in the buildings. Mabbett has conducted this assessment with reasonable care and has performed this project in accordance with industry standards. There can be no assurances, and Mabbett makes no assurances, that the information, research, and technology used to prepare this report may not change in the future, thus affecting the results reported herein.

The attached Hazardous Building Materials Survey Report was prepared by Jacob T. Walsh, Environmental and Regulated Building Materials Consultant of Mabbett & Associates, Inc.

This report has been reviewed and approved by:

Mabbett & Associates, Inc.
By:

Michael F. Delaney

Digitally signed by Michael F. Delaney
Date: 2025.08.11 16:58:05 -04'00'

Michael F. Delaney
Practice Lead, Building Sciences

JTW/MFD

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Appendix D Photo Log

1.0 INTRODUCTION

DHM Design contracted with Mabbett & Associates, Inc. (Mabbett®) to perform hazardous material investigation services, including, asbestos bulk sampling and quantification at multiple sites throughout Sandy Hook, New Jersey, and Staten Island, New York. On April 8th, 9th, and 10th, 2025, Mr. Jacob Walsh of Mabbett®, and Giorgi Isakadze, and Kelan Doyle of Hillmann Consulting and conducted investigations of the following buildings:

- NIKE Launch Site Bldg. 431
- NIKE Launch Site Bldg. 432
- NIKE Launch Site Bldg. 434
- Fort Hancock Bldg. 124
- Miller Field Bldg. 7

At the time of the survey the buildings were inactive. Areas and materials outside of this scope of work were not surveyed by Mabbett.

1.1 Purpose and Objectives

This hazardous building material survey was comprised of three primary project tasks including:

- Evaluation of existing site conditions and formulation of a sampling plan
- Site survey to collect building material samples for laboratory analysis
- Development of this Hazardous Building Materials Survey Report

This project was designed to accomplish two primary objectives: (1) to collect a representative number of building materials for laboratory analysis and reporting; and (2) to use data from the laboratory analysis efforts to estimate the volume of hazardous and regulated building materials present within the building's interior and exterior for subsequent use in development of an abatement scope. These two objectives were met through a combination of a site inspection to collect building material samples for laboratory analysis; interpretation of qualitative data collected in the field; and the quantitative laboratory data generated from analysis of the building materials as summarized in this survey report.

1.2 Summary of Survey Results

As required by State and Federal regulations, bulk samples of suspected ACM were collected by Mabbett and submitted using chain of custody (COC) procedures to AmeriSci Richmond (AmeriSci) of Midlothian, Virginia. AmeriSci is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) and National Institute Standards and Technology (NIST). The Environmental Protection Agency (EPA) and the Occupational Safety and Health Administration (OSHA) define ACM as any material that contains greater than one percent (>1%) asbestos.

Paint chip samples were collected by Mabbett for lead analysis using AA spectroscopy and submitted using COC procedures to Scientific Analytical Institute (SAI) of Greensboro, North Carolina.

The survey efforts yielded the following results:

- Eighty three (83) bulk samples for suspect ACM were collected for laboratory analysis and reporting. Ten (10) materials were determined to contain asbestos.
- Seven (7) Paint chip samples collected from painted building surfaces collected during this survey effort revealed concentrations of lead in paint that exceed the U.S. Department of Housing and Urban Development (HUD) threshold of 0.5 percent by weight and 1.0 mg/cm² by XRF.

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2.0 ASBESTOS CONTAINING MATERIAL SURVEY

The asbestos survey was performed on April 8th, 9th, and 10th, 2025, by Jacob T. Walsh of Mabbett and licensed asbestos investigator Giorgi Isakadze (NYSDOL#24-6S3HD-SHAB) and Kelan Doyle of Hillmann Consulting. Prior to collecting samples, a visual screening assessment was conducted to identify locations of suspect ACM and develop a sampling plan. Only areas that were accessible during the field work phase were included in the survey, with reasonable efforts made to access areas needed to complete the asbestos survey and sampling program. Any unsampled or new Destructive investigation of operating equipment was not conducted.

2.1 Sampling Methodology

Bulk samples for asbestos analysis were collected using EPA National Emissions Standards for Hazardous Air Pollutants (NESHAP), 40 CFR Part 763, and Asbestos Hazard Emergency Response Act (AHERA) protocols. Bulk suspect ACM sampling was conducted according to the following standard sampling protocol:

- Friable surfacing material:
  - At least three bulk samples shall be collected from each homogeneous area of surfacing material that is 1,000 ft^2 or less;
  - At least five bulk samples shall be collected from each homogeneous area of surfacing material that is greater than 1,000 ft^2 but less than or equal to 5,000 ft^2;
  - At least seven bulk samples shall be collected from each homogeneous area of surfacing material that is greater than 5,000 ft^2;
- Thermal system insulation:
  - At least three bulk samples shall be collected from each homogeneous area of thermal system insulation;
  - At least one bulk sample shall be collected from each homogeneous patched area of thermal system insulation;
  - Sufficient samples shall be collected from elbows and fittings;
  - Bulk samples shall not be collected from any homogeneous area where the state-licensed asbestos inspector determines that the thermal system insulation is fiberglass, foam glass, rubber, or other non-ACM;
- Miscellaneous material (e.g., joint compound, roofing, gaskets, floor coverings, decorative coatings, wire insulation):
  - At least two bulk samples shall be collected from each homogeneous area of miscellaneous material that is less than 100 ft^2; and
  - At least three bulk samples shall be collected from each homogeneous area of miscellaneous material that is greater than 100 ft^2.

Areas that were inaccessible or where the survey was limited to visual observation only:

- within walls
- within enclosed pipe/duct chases
- inside mechanical equipment/ductwork
- inside electrical equipment

2.2 Analytical Methodology

Eighty-three (83) bulk samples were collected from forty (40) homogeneous areas and submitted using COC procedures to AmeriSci for analysis (PLM and TEM) as required by the New York State Environmental Laboratory Approval Program (ELAP) and the State of New Jersey. PLM analysis of friable materials was performed using NYS ELAP Method 198.1. Samples of Non-Friable Organically Bound (NOB) materials were analyzed by PLM (NYS ELAP Method 198.6) subsequent to matrix reduction. NOB samples that were identified as non-ACM by PLM methods were re-analyzed by TEM (NYS ELAP Method 198.4) for confirmation purposes. AmeriSci is accredited by the American Industrial Hygiene Association (AIHA) and participates in the National Voluntary Laboratory Accreditation Program (NVLAP).

The EPA, Occupational Safety and Health Administration (OSHA), and Part 56 of Title 12 of the Official Compilation of Codes, Rules, and Regulations of the State of New York (12 NYCRR Part 56) defines any material that contains greater than one percent (>1%) asbestos as being an ACM. As such, the analytical laboratory identified bulk samples as positive for asbestos that met the regulatory criteria of greater than one percent (>1%) asbestos.

2.3 ACM Results

Ten (10) of the materials sampled as part of this survey were found to contain greater than one percent (>1%) asbestos. Three (3) of the materials sampled as a part of this survey were found to contain trace amounts of asbestos (<1%). ACM Bulk Sample Results are provided in Appendix A. The laboratory reports and COC documentation are provided in Appendix B.

Estimated quantities of materials identified as ACM during this survey are presented in Table 2-1.

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TABLE 2-1
Estimated Quantities of ACM
GATE Building Demolition Mod 1
Gateway National Recreation Area

Location	Description of Material	Percent and Type of Asbestos	Estimated Quantity	
			Amount	Units
Nike Launch Site - B431				
Interior	Fiberglass Insulation Backing/Black Wall Panel	<1% Chrysotile	1,500	SF
Interior	Black Wire Jacket	<1% Chrysotile	125	LF
Nike Launch Site - B432				
Interior	9" x 9" Green/Blue Checkered Floor Tile	3% Chrysotile	900	SF
Interior	9" x 9" Green/Blue Checkered Floor Tile Black Mastic	4% Chrysotile	900	SF
Nike Launch Site - B434				
Exterior	Gray Window Caulking	7% Chrysotile	100	LF
Exterior	Beige Window Glazing	4% Chrysotile	100	LF
Exterior	Gray Door Caulking	4% Chrysotile	25	LF
Exterior	Gray Expansion Joint	6% Chrysotile	40	LF
Interior	Gray Transite Panel	15% Chrysotile	340	SF
Interior	Gray Pipe Insulation	5% Chrysotile	135	LF
Interior	Gray Mud Packed Joint	65% Chrysotile	26	SF
Interior	White Tank Insulation	25% Chrysotile 30% Amosite	40	SF
Fort Hancock - B124				
Interior	Black Felt Ceiling Waterproofing	<1% Chrysotile	130	SF
Miller Field - B7				
NO ASBESTOS IDENTIFIED				

Notes: SF = Square Feet; LF = Linear Feet

3.0 LIMITED VISUAL SURVEY

On April 8th, 9th, and 10th, 2025, Mr. Jacob Walsh of Mabbett®, Mr. Giorgi Isakadze, and Mr. Kelan Doyle of Hillmann Consulting conducted visual surveys for the purposes of confirming ACM quantities of the following previously surveyed buildings:

- NIKE Launch Site Bldg. 429
- NIKE Launch Site Bldg. 430
- NIKE Launch Site Bldg. 433
- NIKE Launch Site Bldg. 437
- Fort Hancock Bldg. 131
- Sandy Hook Bldg. 600
- Fort Wadsworth Bldg. 406
- Fort Wadsworth Bldg. 435
- Miller Field Bldg. 3
- Miller Field Bldg. 4

The following original survey reports were completed by PRIZIM Inc (PRIZIM) in May, 2009:

- Asbestos Containing Materials Survey Gateway National Recreation Area – Jamaica Bay Unit
- Asbestos Containing Materials Survey Gateway National Recreation Area – Sandy Hook Unit
- Asbestos Containing Materials Survey Gateway National Recreation Area – Staten Island Unit

During visual survey efforts, Mabbett utilized previous data documented in the PRIZIM reports to quantify ACM as well as identify any materials not sampled during initial survey efforts. The materials not sampled are included in Table 3-1 below and are assumed to contain asbestos.

TABLE 3-1
Updated ACM Quantities
GATE Building Demolition Mod 1
Gateway National Recreation Area

Location	Description of Material	Percent and Type of Asbestos	Estimated Quantity	
			Amount	Units
Nike Launch Site - B429				
Interior	1' x 1' Ceiling Tile Adhesive*	<0.3% to <0.5% Chrysotile	40	SF
Interior	1' x 1' Wall Tile Adhesive*	<0.3% to <0.5% Chrysotile	200	SF
Interior	Transite Panels Associated with Interior Wall Debris*	15% Chrysotile	250	SF
Nike Launch Site - B430				
Interior	Wire Insulation	Assumed	200	LF
Interior	Gypsum Wallboard	Assumed	1,500	SF
Nike Launch Site - B433				
Interior	Multilayered 9' x 9' Floor Tile*	Assumed	900	SF

TABLE 3-1
Updated ACM Quantities
GATE Building Demolition Mod 1
Gateway National Recreation Area

Location	Description of Material	Percent and Type of Asbestos	Estimated Quantity	
			Amount	Units
Interior	Multilayered 9' x 9' Floor Tile Mastic*	Assumed	900	SF
Interior	Wire Insulation	Assumed	200	LF
Interior	Fiberglass Insulation Backing	Assumed	1,500	SF
Nike Launch Site - B437				
Interior	9' x 9' Green Floor Tile*	Assumed	1,255	SF
Interior	9' x 9' Green Floor Tile Mastic*	Assumed	1,255	SF
Interior	Corrugated Pipe Insulation*	2.4% Chrysotile	105	LF
Interior	Cementitious Fitting Associated with Corrugated Insulation*	15% Chrysotile	4	SF
Interior	Cement Board Panels*	10% Chrysotile	680	SF
Interior	Furnace Packing Materials*	Assumed	4	SF
Interior	Wood Panel Mastic*	Assumed	240	SF
Interior	Flue/Packing Cement*	Assumed	15	SF
Interior	4" Cream Cove Base*	Assumed	85	LF
Interior	4" Cream Cove Base Mastic*	Assumed	85	LF
Interior	Wire Insulation	Assumed	100	LF
Exterior	Window Frame Caulk*	Assumed	230	LF
Exterior	Membrane Roof with Associated Flashings*	Assumed	2,400	SF
Exterior	Flue/Packing Cement*	Assumed	3	SF
Exterior	Window Glazing*	Assumed	150	LF
Exterior	CMU Mortar	Assumed	500	SF
Exterior	Chimney Fire Brick	Assumed	400	SF
Exterior	Chimney Liner	Assumed	400	SF
Fort Hancock - B131				
Interior	Wood Wall Panel Mastic*	Assumed	840	SF
Interior	9" x 9" Dark Brown Floor Tile*	Assumed	300	SF
Interior	9" x 9" Dark Brown Floor Tile Mastic*	Assumed	300	SF
Interior	9" x 9" Light Brown Floor Tile*	Assumed	300	SF
Interior	9" x 9" Light Brown Floor Tile Mastic*	Assumed	300	SF
Interior	Tar Paper on Exterior Pipe Enclosure*	Assumed	40	SF
Interior	Carpet Mastic	Assumed	600	SF
Interior	Wire Insulation	Assumed	1,000	LF
Exterior	Brick Mortar	Assumed	1,500	SF
Exterior	Door and Window Perimeter Caulk*	Assumed	180	LF

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TABLE 3-1
Updated ACM Quantities
GATE Building Demolition Mod 1
Gateway National Recreation Area

Location	Description of Material	Percent and Type of Asbestos	Estimated Quantity	
			Amount	Units
Exterior	Asphalt Roof Shingles with Vapor Barrier and Associated Flashings*	Assumed	680	SF
Sandy Hook - B600				
Interior	Sheetrock and Associated Joint Compound*	Assumed	3,850	SF
Interior	Tar Paper*	Assumed	3,850	SF
Interior	Vapor Barrier under Hardwood Flooring*	Assumed	2,700	SF
Interior	2" x 4" Track Ceiling Tile*	Assumed	160	SF
Interior	Stone Tile Pattern Vinyl Sheet Flooring*	Assumed	40	SF
Interior	Adhesive Associated With Stone Tile Pattern Vinyl Sheet Flooring*	Assumed	40	SF
Interior	Flue Packing Material*	Assumed	15	SF
Interior	2" x 4" White Suspended Ceiling Tile with Fissures and Holes*	Assumed	150	SF
Interior	Green Vinyl Sheet Flooring*	Assumed	100	SF
Interior	Adhesive Associated with Green Vinyl Sheet Flooring*	Assumed	100	SF
Interior	Wallpaper Adhesive	Assumed	850	SF
Exterior	Asphalt Roof Shingles and Vapor Barrier with Associated Flashings*	Assumed	1,800	SF
Exterior	Door and Window Caulk*	Assumed	500	LF
Miller Field - B3				
Interior	Carpet Mastic	Assumed	230	SF
Interior	2' x 4' Fissured Ceiling Tile	Assumed	230	SF
Exterior	White Foundation Caulking	Assumed	60	LF
Exterior	Gray Black Tar Paper*	21.6% Chrysotile	1,600	SF
Exterior	Caulking Around Eaves*	1.6% Chrysotile	180	LF
Exterior	Roof Membrane*	Assumed	1,300	SF
Miller Field - B4				
Interior	Gray Epoxy Flooring	Assumed	960	SF
Interior	4" Gray Cove Base	Assumed	15	LF
Interior	4" Gray Cove Base Mastic	Assumed	15	LF
Exterior	Slate Shingles	Assumed	1,150	SF
Exterior	Roof Felt Paper	Assumed	1,150	SF
Exterior	Vent Pipe Tar	Assumed	4	SF
Exterior	Transite Siding*	10.3% Chrysotile	1,488	SF
Fort Wadsworth - B406				
Interior	Carpet Mastic	Assumed	1,250	SF

TABLE 3-1
Updated ACM Quantities
GATE Building Demolition Mod 1
Gateway National Recreation Area

Location	Description of Material	Percent and Type of Asbestos	Estimated Quantity	
			Amount	Units
Interior	White/Brown Wall Plaster	Assumed	3,450	SF
Interior	2" x 4" White Ceiling Tile	Assumed	550	SF
Interior	Wall Panel Adhesive	Assumed	450	SF
Interior	Textured Ceiling	Assumed	280	SF
Exterior	Window Caulking	Assumed	160	LF
Exterior	Waterproofing Felt	Assumed	3,400	SF
Exterior	Shingles	Assumed	1,260	SF
Exterior	Door Caulking	Assumed	36	LF
Exterior	Chimney Materials	Assumed	100	SF
Fort Wadsworth - B435				
Interior	Gray Floor Tile* (Under Olive Floor Tile)	18.2% Chrysotile	85	SF
Interior	Joint Compound*	3.25% Chrysotile	300	SF
Interior	12" x 12" Floor Tile*	Assumed	1,800	SF
Interior	12" x 12" Floor Tile Mastic*	Assumed	1,800	SF
Interior	Ceramic Wall Tile	Assumed	65	SF
Exterior	Tar Roof Mastic	Assumed	1,900	SF
Exterior	Tar Roof Felt Paper	Assumed	1,900	SF
Exterior	Hot Tar Roof*	Assumed	1,900	SF
Exterior	Window Frame Caulk	Assumed	188	LF
Exterior	Door Frame Caulk	Assumed	24	LF
Exterior	Brick Mortar	Assumed	1,400	SF

Notes: SF = Square Feet; LF = Linear Feet; * = Material Previously Identified in 2009 PRIZIM Report

4.0 LEAD CONTAINING PAINT SURVEY

An LCP survey was conducted by collecting and analyzing paint chips from painted surfaces and systems that may be impacted by the GATE Building Demolition Mod 1 project.

4.1 Sampling Methodology

Paint chip samples are collected using a sharp hand tool to score and peel paint off an approximate 1 square inch area of the substrate. Different tools such as chisels, putty knives, and hammers may also be needed in the collection of paint chips. All tools are cleaned after each sampling to prevent cross contamination. Collected paint chip samples are submitted under COC procedures to an accredited laboratory and analyzed via atomic absorption (AA).

4.2 Analytical Methodology

The regulations addressing LCP in non-residential buildings are focused on occupational exposures involved with paint-disturbing activities and related waste-disposal activities. Occupational exposure to lead is regulated by OSHA regulation 29 CFR 1926.62, Lead in Construction, as well as other applicable state and local regulations.
An LCP survey cannot determine a safe level of lead for the purpose of paint-disturbing/waste-disposal activities but is intended to provide guidance as to the locations of surfaces containing lead.

Contractors may use this information to better determine where worker exposures to airborne lead and other hazards may occur. They can then assess the potential magnitude of exposure to their employees and identify the controls necessary to limit health risks. This information can also be used for pre-characterization of demolition waste streams prior to toxicity characteristic leaching procedure (TCLP) sampling in accordance with 40 CFR Part 261.

Eleven (11) samples, each from a different homogenous area, were collected during this survey. Paint chip samples were submitted using COC procedures to SAI. Analysis was conducted using EPA SW-846 Test Method 7000B: Flame Atomic Absorption Spectrophotometry.

4.3 LCP Results

A concentration of lead greater than or equal to 0.5 mg/Kg percent by weight or 1.0 mg/cm² exceeds EPA and HUD residential standards and is considered an indicator of risk. The results of this LCP sampling survey and the seven (7) samples that indicate risk are presented in Table 4-1. The laboratory report and COC documentation are provided in Appendix C.

TABLE 4-1
Paint Chip Analytical Results
GATE Building Demolition Mod 1
Gateway National Recreation Area

Sample No.	Sample Location	Substrate and Component	Color	Result (% by weight)
Nike Launch Site - B431				
PC-Pb-01	Interior	Gypsum Wall	Blue	0.14%
PC-Pb-02	Exterior	Wood Window Frame	Green	0.14%
PC-Pb-03	Exterior	Metal Panel	Tan	2.3%
Nike Launch Site - B432				
PC-Pb-01	Interior	Gypsum Wall	White	0.73%
PC-Pb-02	Exterior	Wood Window Frame	Green	4.3%
PC-Pb-03	Exterior	Metal Panel	Tan	3.4%
Nike Launch Site - B434				
PC-Pb-01	Interior	Gypsum Wall	Green	0.38%
PC-Pb-02	Exterior	Wood Window Frame	Green	11%
PC-Pb-03	Exterior	CMU Block Wall	Tan	0.84%
Fort Hancock - B124				
PC-Pb-01	Interior	Wood Beam	Black	0.061%
Miller Field - B7				
PC-Pb-01	Interior	Metal Tank	Gray	1.5%

5.0 RECOMMENDATIONS

This section presents a summary of the conclusions and recommendations from the pre-demolition hazardous building materials survey at the Gateway National Recreation Area. Prior to initiating plans for demolition activities, the survey results presented herein should be reviewed to determine whether any of the identified regulated building materials will be disturbed by proposed work activities.

5.1 Asbestos

The planned demolition of the building will disturb the ACM listed in Tables 2-1 and 3-1 and will require removal of these materials by a licensed asbestos abatement contractor prior to being disturbed. Any suspect materials encountered during demolition activities that were not identified in this report as being non-ACM should be assumed to be ACM unless sample results prove otherwise. Suspect ACM that may be present within the walls, above inaccessible hard ceilings, or in other inaccessible locations, should be assumed to contain asbestos if discovered during any renovation or demolition process or until otherwise verified. Where laboratory analysis identified trace asbestos, this material must be managed as ACWM and requires special storage, disposal, packaging, and transport requirements.

5.2 Lead Containing Paint

The purpose of the LCP screening survey was to identify patterns of LCP. For the purpose of this LCP screening survey a limited amount of representative interior and exterior building components were tested. The regulations addressing LCP in non-residential buildings are focused on protecting workers involved with paint-disturbing activities and related waste-disposal activities.

Occupational exposure to lead in construction is regulated by OSHA regulation 29 CFR 1926.62 “Lead in Construction”, as well as other applicable state and local regulations. These regulations involve the air monitoring of workers to determine exposure levels when disturbing paint containing measurable concentrations of lead. An LCP survey cannot determine the safe level of lead for the purpose of paint-disturbing activities but is intended to provide guidance as to the locations of LCP. Employers and contractors may use this information to better determine where worker exposures to airborne lead may occur and, through the interpretation of LCP concentration data, assess the potential magnitude of exposure to their employees and identify the controls necessary to limit health risks.

A concentration of lead greater than or equal to 0.5 mg/Kg percent by weight or 1.0 mg/cm2 exceeds EPA and HUD residential standards is considered an indicator of risk. Representative samples of LCP waste to be generated during building renovation, or following demolition but prior to disposal, should be collected and analyzed using toxicity characteristic leaching procedure (TCLP) in accordance with 40 CFR Part 261. Management and disposal of lead containing waste must be done in accordance with all applicable local, state, and federal regulations. OSHA regulations may require certain procedures for any paint that contains lead, even if it is below these levels. All LCP identified, regardless of the lead content, should either be sampled and analyzed by TCLP and then handled/disposed of accordingly, or segregated from other large-scale debris and then managed as hazardous waste in accordance with federal, state, and local hazardous waste disposal regulations.

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APPENDIX A

ACM Bulk Sample Results

Appendix A Sampling Results GATE Building Demolition Mod 1 Gateway National Recreation Area			
Sample No.	**Sample Location**	**Description of Material**	**Percent and Type of Asbestos**
Nike Launch Site - B431			
01	West Wall - Southwest	Fiberglass Insulation Backing/ Black Wall Panel	<1% Chrysotile
02	East Wall - Northeast	Fiberglass Insulation Backing/ Black Wall Panel	<1% Chrysotile
03	Westwall - Southwest	Gray Wallboard	NAD
04	Eastwall - Northeast	Gray Wallboard	NAD
05	North Wall - Center	Black Wire Jacket	<1% Chrysotile
06	North Wall - West	Black Wire Jacket	<1% Chrysotile
Nike Launch Site - B432			
01	North Wall	Black Wire Jacket	NAD
02	North Wall	Black Wire Jacket	NAD
03	North Wall - East	Gray Wallboard	NAD
04	West Wall - South	Gray Wallboard	NAD
05	West Wall	Fiberglass Insulation Backing/ Black Wall Panel	NAD
06	East Wall	Fiberglass Insulation Backing/ Black Wall Panel	NAD
07	Southeast	Green Floor Tile	3% Chrysotile
08	Northwest	Green Floor Tile	NA/SP
09	Southeast	Black Green Floor Tile Mastic	4% Chrysotile
10	Northwest	Black Green Floor Tile Mastic	NA/SP
Nike Launch Site - B434			
01	Roof - North	Black Roofing Material	NAD
02	Roof - South	Black Roofing Material	NAD
03	Roof - North	Brown Roofing Felt	NAD
04	Roof - South	Brown Roofing Felt	NAD
05	Roof - West	Black Flashing Material	NAD
06	Roof - East	Black Flashing Material	NAD
07	Roof - West	Black Vent Pipe Tar	NAD
08	Roof - East	Black Vent Pipe Tar	NAD
09	Exterior - West	Brown Door Pipe Insulation	NAD
10	Exterior - East	Brown Door Pipe Insulation	NAD
11	Exterior - West	Gray Window Caulking	7% Chrysotile
12	Exterior - South	Gray Window Caulking	NA/SP
13	Exterior - West	Beige Window Glazing	4% Chrysotile
14	Exterior - South	Beige Window Glazing	NA/SP
15	Exterior - East	Gray Door Caulking	4% Chrysotile
16	Exterior - West	Gray Door Caulking	NA/SP

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Appendix A Sampling Results GATE Building Demolition Mod 1 Gateway National Recreation Area			
Sample No.	**Sample Location**	**Description of Material**	**Percent and Type of Asbestos**
17	Ground - Locker Room West	Gray Ceramic Wall Tile Grout	NAD
18	Ground - Locker Room East	Gray Ceramic Wall Tile Grout	NAD
19	Ground - Locker Room West	White Ceramic Wall Tile Mortar	NAD
20	Ground - Locker Room East	White Ceramic Wall Tile Mortar	NAD
21	Ground - Locker Room West	Gray Ceramic Floor Tile Grout	NAD
22	Ground - Locker Room East	Gray Ceramic Floor Tile Grout	NAD
23	Ground- Locker Room West	Gray Ceramic Floor Tile Mortar	NAD
24	Ground - Locker Room East	Gray Ceramic Floor Tile Mortar	NAD
25	Exterior - South Side	Gray Expansion Joint	6% Chrysotile
26	Exterior - North Side	Gray Expansion Joint	NA/SP
27	Exterior - South Side	Black Filler Behind Expansion Joint	NAD
28	Exterior - North Side	Black Filler Behind Expansion Joint	NAD
29	Exterior - West Side	Gray CMU Mortar	NAD
30	Exterior - South Side	Gray CMU Mortar	NAD
31	Ground - West Side	Gray Wallboard	NAD
32	Ground - North Side	Gray Wallboard	NAD
33	Ground - Locker Room West	Gray Transite Panel	15% Chrysotile
34	Ground - Locker Room East	Gray Transite Panel	NA/SP
35	Ground - Locker Room East	Wall Felt Paper	NAD
36	Ground - Locker Room East	Wall Felt Paper	NAD
37	Ground - Tank Room	Gray Pipe Insulation	5% Chrysotile
38	Ground - Locker Room East	Gray Pipe Insulation	NA/SP
39	Ground - Open Room	Gray Pipe Insulation	NA/SP
40	Ground - Open Room	Gray Mud Packed Joint	65% Chrysotile
41	Ground - Tank Room	Gray Mud Packed Joint	NA/SP
42	Ground - Locker Room West	Gray Mud Packed Joint	NA/SP
43	Ground - Tank Room	White Tank Insulation	25% Chrysotile 30% Amosite
44	Ground - Tank Room	White Tank Insulation	NA/SP
45	Ground - Tank Room	White Tank Insulation	NA/SP
Fort Hancock - B124			
01	Exterior - Southeast	Black Door Lintel Waterproofing	NAD
02	Exterior - Southeast	Black Door Lintel Waterproofing	NAD
03	Ground - North Side	Brown/Black Felt Ceiling Waterproofing	NAD
04	Ground - South Side	Brown/Black Felt Ceiling Waterproofing	<1% Chrysotile

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Appendix A
Sampling Results
GATE Building Demolition Mod 1
Gateway National Recreation Area

Sample No.	Sample Location	Description of Material	Percent and Type of Asbestos
05	Ground - South Side	Red Wire Insulation	NAD
06	Ground - West Side	Red Wire Insulation	NAD
07	Roof - North Side	Gray Slate Shingle	NAD
08	Roof - East Side	Gray Slate Shingle	NAD
09	Roof - North Side	Black Waterproofing Felt	NAD
10	Roof - East Side	Black Waterproofing Felt	NAD
11	Ground - North Side	Gray Cementitious Ceiling Material	NAD
12	Ground - West Side	Gray Cementitious Ceiling Material	NAD
13	Ground - North Side	Gray Brick Mortar	NAD
14	Ground - West Side	Gray Brick Mortar	NAD
15	Ground - West Side	Knob Tube Junction Box	NAD
16	Ground - North Side	Knob Tube Junction Box	NAD
Staten Island - B7			
01	Roof - North Side	Black Roof Felt	NAD
02	Roof - West Side	Black Roof Felt	NAD
03	Roof - North Side	Gray Slate Shingle	NAD
04	Roof - West Side	Gray Slate Shingle	NAD
05	Exterior - West Side	Gray Brick Mortar	NAD
06	Exterior - East Side	Gray Brick Mortar	NAD

Notes: NAD = No Asbestos Detected; NA/SP = Not Analyzed/Stop Positive

APPENDIX B

ACM Laboratory Reports and Chain of Custody Documentation

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-0493

April 28, 2025

Mabbett & Associates, Inc.
Attn: Michael Delaney
105 Central Street
Suite 4100
Stoneham, MA 02180

RE: Mabbett & Associates, Inc.
Job Number 125041812
P.O. #R2020001.001.007
R2020001.001.007; Miller Field, Staten Island, NY - Bldg #7 (Report Amended 4/28/2025)

Dear Michael Delaney:

Enclosed are the results of Asbestos Analysis - Bulk Protocol of the following Mabbett & Associates, Inc. samples, received at AmeriSci on Monday, April 21, 2025, for a 3 day turnaround:

GI0416-01, GI0416-02, GI0416-03, GI0416-04, GI0416-05, GI0416-06

The 6 samples, placed in zip lock bag, were shipped to AmeriSci via Fed Ex. Mabbett & Associates, Inc. requested ELAP PLM/TEM analysis of these samples.

The results of the analyses which were performed under NYSDOH ELAP Lab Certification # 10984 following ELAP 198.4 TEM guidelines are presented within the Summary Table of this report. The presence of matrix reduction data in the Summary Table normally indicates an NOB sample. For NOB samples the individual matrix reduction and TEM analysis results are listed in Table I. Complete PLM results for individual samples analyzed by ELAP 198.1 (friable) and ELAP 198.6 (NOB) are presented in the PLM Bulk Asbestos Report. This combined report relates ONLY to sample analysis expressed as percent composition by weight and percent asbestos. This report must not be used to claim product endorsement or approval by these laboratories, NVLAP, ELAP or any other associated agency. The National Institute of Standards and Technology accreditation requirements, mandate that this report must not be reproduced, except in full without the written approval of the laboratory. This report may contain specific data not covered by NVLAP or ELAP accreditations respectively, if so identified in relevant footnotes.

AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,

Cory M. Parnell

Laboratory Director | Authorized Signatory

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-0493

PLM Bulk Asbestos Report

Mabbett & Associates, Inc.
Attn: Michael Delaney
105 Central Street
Suite 4100
Stoneham, MA 02180

Date Received 4/21/2025 **AmeriSci Job #** 125041812
Date Examined 04/24/25 **P.O. #**
ELAP # 10984 **Page** 1 **of** 2
RE: R2020001.001.007; Miller Field, Staten Island, NY - Bldg #7 (Report Amended 4/28/2025)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI0416-01 1	125041812-01	***No***	Inconclusive - NAD (NOB by NYS ELAP 198.6) by David W. Ralbovsky on 04/24/25	*1*
Location: North Side; Roof Felt, Black **Analyst Description:** Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 2.9% **Comment:** Heat Sensitive (organic): 93.6%; Acid Soluble (inorganic): 3.5%; Inert (Non-asbestos): 2.9%				
GI0416-02 1	125041812-02	***No***	Inconclusive - NAD (NOB by NYS ELAP 198.6) by David W. Ralbovsky on 04/24/25	*1*
Location: West Side; Roof Felt, Black **Analyst Description:** Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 2.4% **Comment:** Heat Sensitive (organic): 92.8%; Acid Soluble (inorganic): 4.8%; Inert (Non-asbestos): 2.4%				
GI0416-03 2	125041812-03	***No***	NAD (by NYS ELAP 198.1) by David W. Ralbovsky on 04/24/25	
Location: North Side; Gray Slope Shingle **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI0416-04 2	125041812-04	***No***	NAD (by NYS ELAP 198.1) by David W. Ralbovsky on 04/24/25	
Location: West Side; Gray Slope Shingle **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI0416-05 3	125041812-05	***No***	NAD (by NYS ELAP 198.1) by David W. Ralbovsky on 04/24/25	
Location: West Side; Gray Brick Mortor **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Animal hair Trace, Non-fibrous 100%				

See Reporting notes on last page

PLM Bulk Asbestos Report

R2020001.001.007; Miller Field, Staten Island, NY - Bldg #7 (Report Amended 4/28/2025)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI0416-06	125041812-06	***No***	NAD (by NYS ELAP 198.1) by David W. Ralbovsky on 04/24/25	

3

Location: East Side; Gray Brick Mortor

Analyst Description: Gray, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material

Asbestos Types:

Other Material: Non-fibrous 100%

Reporting Notes:

(1) NAD results by NYS 198.6 are inconclusive and are not considered non-ACM

Analyzed by: David W. Ralbovsky
Date: 4/24/2025

Reviewed by: Cory M. Parnell

*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis (Not covered by NVLAP or NY ELAP accreditations); NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis using Olympus, Model BH-2 microscope, Serial #229707, by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.

Client Name: Mabbett & Associates, Inc.

Table I
Summary of Bulk Asbestos Analysis Results by NYS ELAP 198.4

R2020001.001.007; Miller Field, Staten Island, NY - Bldg #7 (Report Amended 4/28/2025)

AmeriSci Sample #	Client Sample#	HG Area	NOB Sample Weight (gram)	NOB Heat Sensitive Organic %	NOB Acid Soluble Inorganic %	NOB Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	GI0416-01	1	0.492	93.6	3.5	2.9	NAD	NAD
Location: North Side; Roof Felt, Black								
02	GI0416-02	1	0.245	92.8	4.8	2.4	NAD	NAD
Location: West Side; Roof Felt, Black								
03	GI0416-03	2	----	----	----	----	NAD	NA
Location: North Side; Gray Slope Shingle								
04	GI0416-04	2	----	----	----	----	NAD	NA
Location: West Side; Gray Slope Shingle								
05	GI0416-05	3	----	----	----	----	NAD	NA
Location: West Side; Gray Brick Mortor								
06	GI0416-06	3	----	----	----	----	NAD	NA
Location: East Side; Gray Brick Mortor								

Analyzed by: Cory M. Parnell

Reviewed by: Cory M. Parnell

Date: 4/24/2025

Semi-Quantitative Analysis: NAD = no asbestos detected; NA = not analyzed; NA/PS = not analyzed due to positive stop; Trace = <1%; PLM analysis by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) or NY ELAP 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NY ELAP Lab # 10984); TEM prep by EPA 600/R-93/116 Section 2.3 (analysis by Section 2.5, not covered by NVLAP Bulk accreditation); or NY ELAP 198.4 for New York NOB samples (NY ELAP Lab # 10984). Analysis using Jeol, Model JEM-100CX II microscope, Serial #156147-247. ** Warning Notes: Consider PLM fiber diameter limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris, soils or other heterogeneous materials for which a combination PLM/TEM evaluation is recommended; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only.

AmeriSci Richmond	Report Amendment Explanation Form (append to amended report)	Date Amended 4/28/2025

Client: Mabbett & Associates, Inc.

AmeriSci Job #: 125041812

Client Job: R2020001.001.007

Analysis Type: ELAP-PLM/TEM

AmeriSci Sample #s affected: 125041812-none

Amended by (print/sign): Tiffany Goodwyn

Original Item(s) Being Amended: Project Site "Fort Wadsworth" - tlg

Changes Made: Project Site "Miller Field" - tlg

Reason for Changes: Client requested the change via email - tlg

Attach original sheet with incorrect item or items to be amended clearly indicated or circled.

Subject: Lab Report Changes
From: "Jacob T. Walsh" <walsh@mabbett.com>
Date: 4/28/2025, 8:58 AM
To: Tiffany Goodwyn <varesults@amerisci.com>
CC: "Michael F. Delaney" <Delaney@mabbett.com>

125-04-1812

Good Morning,

Please change the location from Fort Wadsworth to Miller Field on the attached lab report for building 7.

Also change the location on the reports for building 431 and 432 from Gateway national park to Nike Launch Site

Thank you.

R/

Jacob T. Walsh
Regulated Building Materials Technician

Phone: 781-275-6050 Ext. 316
Mobile: 781-835-7767
Web: www.mabbett.com
e-Mail: walsh@mabbett.com

Mabbett & Associates, Inc.
Scientists | Engineers | Program Managers
105 Central Street, Suite 4100, Stoneham, MA
02180-1260

© 2024, Mabbett & Associates, Inc. *Terms & Conditions*
UEI: JACMATCH87S5

Think before you print.

Attachments:

B7.pdf	1.4 MB
B432.pdf	
B431.pdf	

HILLMANN CONSULTING

BULK SAMPLE IDENTIFICATION FORM
PLM COC, Version 3.3

125041812

DATE: 04-16-25

JOB# 2020001.001.007

Environmental Consulting & Lab Services, 1600 Route 22 East, Union, NJ 07083
(908) 688-7800 Fax (908) 686-2636 email: Gisakoke@hillmanngroup.com
Tcubbage JTW
Delaney@mabbett.com

☑ POSITIVE STOP ON ALL HOMOG. SAMPLES

TAT for PLM - 3-6hrs 8-12hrs 24hrs 48hrs (72hrs) 5-7day
TAT for TEM - 3-6hrs 8-12hrs 24hrs 48hrs (72hrs) 5-7day
TAT for SOF-V - 1wk 2wk _____

CLIENT: Mabbett

LOCATION: Fort Wadsworth, Staten Island, NY - Bldg #7

LAB Instructions: •ANALYZE ALL NOBS AS INDICATED BY (⊘) " VIA TEM IF NEGATIVE VIA PLM. POSITIVE STOP ON TEM ONLY
•ANALYZE BOTTOM / INNER LAYERS FIRST AS INDICATED BY "BL" – IF POSITIVE THEN STOP ANALYSIS OF OTHER LAYERS

Homg. ID	Sample # / Lab #	Floor/Room	Location Description	Material Description / Color	Quantity In SOW?	Cond Friable?	NOB	Time Sample Collected	Lab Results
01	6I0416-01	Roof	North side	B2 Roof Felt, Black	140 sf	G / N	⊘	1200	
↓	02		West side				↓		
02	03		North side	T2 Slate shingle Gray					
↓	04	↓	West side	↓	↓				
03	05	Exterior	↓	Brick Mortar Gray	720 sf			↓	
↓	06	↓	East side	↓	↓	↓		1300	

CHAIN OF CUSTODY

	SAMPLED BY:	TRANSPORTED BY:	RECEIVED BY:	ANALYZED BY:
Print	Giorgi Isakoke Kelsey Cubbage	Jacob Walsh Tyler Lum		
Sign		Sean Nolan		
Date	04/16/25 4/16/25	4/16/25		

Received
APR 21 2025

Spaces Occupied?
Spaces Operating?
Access Issues?

Material Codes
AP=acoustical plaster, BC=brown coat, BF=base flashing, BUR=built-up roofing, CB=cove base, CBM=cove base mastic, CF=curb flashing, CFT=ceramic floor tile, CM=carpet mastic, CPM=carpet padding mastic, CPT=carpet tile mastic, CT=ceiling tile, CTM=CT mastic, CWT=ceramic wall tile, FP=fireproofing, JC=joint compound, JT=joint tape, LC=leveling compound, PL=plaster, PP=pitch pocket, PPW=parapet wall flashing, RFP=re-inforced fiberglass panel, SP=soundproofing, TP=tar paper, VB=vapor barrier, VCT=vinyl floor tile, VCTM=VCT mastic, VSF=vinyl sheet flooring, WB=wallboard, WPA=wall paper adhesive, PI = pipe insulation, PFI = pipe fitting insulation, FG = fiberglass line ALL OTHER DESCRIPTIONS MUST BE WRITTEN OUT

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-0493

April 24, 2025

Mabbett & Associates, Inc.
Attn: Michael Delaney
105 Central Street
Suite 4100
Stoneham, MA 02180

RE: Mabbett & Associates, Inc.
Job Number 125041813
P.O. #R2020001.001.007
R2020001.001.007; Fort Hancock Bld 124 NJ

Dear Michael Delaney:

Enclosed are the results for PLM asbestos analysis of the following Mabbett & Associates, Inc. samples received at AmeriSci on Monday, April 21, 2025, for a 3 day turnaround:

GI0415-01, GI0415-02, GI0415-03, GI0415-04, GI0415-05, GI0415-06, GI0415-07, GI0415-08, GI0415-09, GI0415-10, GI0415-11, GI0415-12, GI0415-13, GI0415-14, GI0415-15, GI0415-16

The 16 samples contained in zip lock bag were shipped to AmeriSci via Fed Ex. These samples were prepared and analyzed according to EPA PLM Method (EPA 600/R-93/116 Section 2.2). The required analytical information, analysis results, analyst signature and laboratory identification are contained in the PLM Bulk Asbestos Report. If TEM analysis was requested for selected samples the gravimetric reduction data (by Sec 2.3) and TEM Asbestos % (by Sec 2.5) are included in Table 1 along with a summary of Asbestos % by PLM for all samples analyzed.

This report relates ONLY to the sample analysis expressed as % asbestos. AmeriSci assumes no responsibility for customer supplied data such as “sample type”, "location", or “area sampled”. This report must not be used to claim product endorsement by AmeriSci, NVLAP or any agency of the U. S. Government. The National Institute of Standards and Technology accreditation requirements mandate that this report must not be reproduced, except in full, without the written approval of the laboratory. This report may contain specific data not covered by NVLAP or ELAP accreditations, if so identified in relevant footnotes.

AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,

Cory M. Parnell

Laboratory Director | Authorized Signatory

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-0493

PLM Bulk Asbestos Report

Mabbett & Associates, Inc.
Attn: Michael Delaney
105 Central Street
Suite 4100
Stoneham, MA 02180

Date Received 4/21/2025 **AmeriSci Job #** 125041813
Date Examined 04/24/25 **P.O. #**
Page 1 **of** 3
RE: R2020001.001.007; Fort Hancock Bld 124 NJ

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI0415-01 1	125041813-01	***No***	NAD (by CVES) by Eric H. Ahles on 04/24/25	
Location: South/East; Black Door Lintel Waterproofing **Analyst Description:** Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI0415-02 1	125041813-02	***No***	NAD (by CVES) by Eric H. Ahles on 04/24/25	
Location: South/East; Black Door Lintel Waterproofing **Analyst Description:** Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI0415-03 2	125041813-03	***No***	NAD (by CVES) by Eric H. Ahles on 04/24/25	
Location: North Side; Felt, Brown/Black Ceiling Waterproofing **Analyst Description:** Black/Brown, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 60%, Non-fibrous 40%				
GI0415-04 2	125041813-04	***No***	NAD (by CVES) by Eric H. Ahles on 04/24/25	
Location: South Side; Felt, Brown/Black Ceiling Waterproofing **Analyst Description:** Black/Brown, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 60%, Non-fibrous 40%				
GI0415-05 3	125041813-05	***No***	NAD (by CVES) by Eric H. Ahles on 04/24/25	
Location: South Side; Red Wire Insulation **Analyst Description:** Red/Brown, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 20%, Non-fibrous 80%				
GI0415-06 3	125041813-06	***No***	NAD (by CVES) by Eric H. Ahles on 04/24/25	
Location: West Side; Red Wire Insulation **Analyst Description:** Red/Brown, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 20%, Non-fibrous 80%				

See Reporting notes on last page

PLM Bulk Asbestos Report

R2020001.001.007; Fort Hancock Bld 124 NJ

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI0415-07 4 **Location:** North Side; Gray Slope Shingle **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%	125041813-07	***No***	NAD (by CVES) by Eric H. Ahles on 04/24/25	
GI0415-08 4 **Location:** East Side; Gray Slope Shingle **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%	125041813-08	***No***	NAD (by CVES) by Eric H. Ahles on 04/24/25	
GI0415-09 5 **Location:** North Side; Black Waterproofing Felt **Analyst Description:** Black, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 70%, Non-fibrous 30%	125041813-09	***No***	NAD (by CVES) by Eric H. Ahles on 04/24/25	
GI0415-10 5 **Location:** East Side; Black Waterproofing Felt **Analyst Description:** Black, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 70%, Non-fibrous 30%	125041813-10	***No***	NAD (by CVES) by Eric H. Ahles on 04/24/25	
GI0415-11 6 **Location:** North Side; Gray Ceiling Cementitious Material **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%	125041813-11	***No***	NAD (by CVES) by Eric H. Ahles on 04/24/25	
GI0415-12 6 **Location:** West Side; Gray Ceiling Cementitious Material **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%	125041813-12	***No***	NAD (by CVES) by Eric H. Ahles on 04/24/25	
GI0415-13 7 **Location:** North Side; Brick Mortar, Gray **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%	125041813-13	***No***	NAD (by CVES) by Eric H. Ahles on 04/24/25	

See Reporting notes on last page

PLM Bulk Asbestos Report

R2020001.001.007; Fort Hancock Bld 124 NJ

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI0415-14 7	125041813-14	***No***	NAD (by CVES) by Eric H. Ahles on 04/24/25	
Location: West Side; Brick Mortar, Gray **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI0415-15 8	125041813-15	***No***	NAD (by CVES) by Eric H. Ahles on 04/24/25	
Location: West Side; Knob Tube Junction Box **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI0415-16 8	125041813-16	***No***	NAD (by CVES) by Eric H. Ahles on 04/24/25	
Location: North Side; Knob Tube Junction Box **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				

Reporting Notes:

Analyzed by: Eric H. Ahles
Reviewed by: Cory M. Parnell
Date: 4/24/2025

*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis (Not covered by NVLAP or NY ELAP accreditations); NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis using Meiji, Model MT 6130 microscope, Serial #1410298, by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.

Client Name: Mabbett & Associates, Inc.

Table I
Summary of Bulk Asbestos Analysis Results

R2020001.001.007; Fort Hancock Bld 124 NJ

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	GI0415-01	1	0.262	98.9	1.1	0.0	NAD	NAD
Location: South/East; Black Door Lintel Waterproofing								
02	GI0415-02	1	0.273	99.1	0.9	0.0	NAD	NAD
Location: South/East; Black Door Lintel Waterproofing								
03	GI0415-03	2	0.063	88.1	11.9	0.0	NAD	NAD
Location: North Side; Felt, Brown/Black Ceiling Waterproofing								
04	GI0415-04	2	0.126	78.4	21.1	0.4	NAD	Chrysotile Trace
Location: South Side; Felt, Brown/Black Ceiling Waterproofing								
05	GI0415-05	3	1.398	14.2	79.1	6.7	NAD	NAD
Location: South Side; Red Wire Insulation								
06	GI0415-06	3	0.409	48.8	24.8	26.4	NAD	NAD
Location: West Side; Red Wire Insulation								
07	GI0415-07	4	----	----	----	----	NAD	NA
Location: North Side; Gray Slope Shingle								
08	GI0415-08	4	----	----	----	----	NAD	NA
Location: East Side; Gray Slope Shingle								
09	GI0415-09	5	0.223	96.6	3.4	0.0	NAD	NAD
Location: North Side; Black Waterproofing Felt								
10	GI0415-10	5	0.336	96.5	3.2	0.3	NAD	NAD
Location: East Side; Black Waterproofing Felt								
11	GI0415-11	6	----	----	----	----	NAD	NA
Location: North Side; Gray Ceiling Cementitious Material								
12	GI0415-12	6	----	----	----	----	NAD	NA
Location: West Side; Gray Ceiling Cementitious Material								
13	GI0415-13	7	----	----	----	----	NAD	NA
Location: North Side; Brick Mortar, Gray								
14	GI0415-14	7	----	----	----	----	NAD	NA
Location: West Side; Brick Mortar, Gray								
15	GI0415-15	8	----	----	----	----	NAD	NA
Location: West Side; Knob Tube Junction Box								
16	GI0415-16	8	----	----	----	----	NAD	NA
Location: North Side; Knob Tube Junction Box								

See Reporting notes on last page

Client Name: Mabbett & Associates, Inc.

Table I
Summary of Bulk Asbestos Analysis Results

R2020001.001.007; Fort Hancock Bld 124 NJ

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM

Analyzed by: Cory M. Parnell

Reviewed by: Cory M. Parnell

Date: 4/24/2025

Semi-Quantitative Analysis: NAD = no asbestos detected; NA = not analyzed; NA/PS = not analyzed due to positive stop; Trace = <1%; PLM analysis by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) or NY ELAP 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NY ELAP Lab # 10984); TEM prep by EPA 600/R-93/116 Section 2.3 (analysis by Section 2.5, not covered by NVLAP Bulk accreditation); or NY ELAP 198.4 for New York NOB samples (NY ELAP Lab # 10984). Analysis using Jeol, Model JEM-100CX II microscope, Serial #156147-247. ** Warning Notes: Consider PLM fiber diameter limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris, soils or other heterogeneous materials for which a combination PLM/TEM evaluation is recommended; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only.

HILLMANN CONSULTING

BULK SAMPLE IDENTIFICATION FORM
PLM COC, Version 3.3

DATE: 04-15-25

JOB#: 2020001.001.007

Environmental Consulting & Lab Services, 1600 Route 22 East, Union, NJ 07083
(908) 688-7800 Fax (908) 686-2636 email: Gisakodze @hillmanngroup.com
Delaney@Mabbett.com

125041813

☑ POSITIVE STOP ON ALL HOMOG. SAMPLES

CLIENT: Mabbett

TAT for PLM - 3-6hrs 8-12hrs 24hrs 48hrs (72hrs) 5-7day
TAT for TEM - 3-6hrs 8-12hrs 24hrs 48hrs (72hrs) 5-7day
TAT for SOF-V - 1wk 2wk _____

LOCATION: Fort Hancock Bld 124

LAB Instructions: •ANALYZE ALL NOBS AS INDICATED BY (⊘) " VIA TEM IF NEGATIVE VIA PLM. POSITIVE STOP ON TEM ONLY
•ANALYZE BOTTOM / INNER LAYERS FIRST AS INDICATED BY "BL" – IF POSITIVE THEN STOP ANALYSIS OF OTHER LAYERS

Homg. ID	Sample # / Lab #	Floor/Room	Location Description	Material Description / Color	Quantity in SOW?	Cond / Friable?	NOB	Time Sample Collected	Lab Results
01	GI0415-01	Exterior	South/East	Black Liquid waterproofing	45F	G / N	⊘	1320	
↓	02	↓	↓	↓	↓				
02	03	Ground	North side	Felt, Brown/Black Ceiling waterproofing	130 SF				
↓	04		South side	↓	↓				
03	05		↓	Roof Wire insulation	100 LF				
↓	06	↓	West side	↓	↓		↓		
04	07	Roof	North side	TL Gray Slate shingle	160 SF				
↓	08		East side	↓					
05	09		North side	BL Black waterproofing Felt			⊘		
↓	10	↓	East side	↓	↓		↓	↓	

CHAIN OF CUSTODY

	SAMPLED BY:	TRANSPORTED BY:	RECEIVED BY:	ANALYZED BY:
Print	Giorgi Isakodze Kela Shade	Jacob Walsh		
Sign				
Date	04/15/25 4/15/25	04/15/25		APR 21 2025

Spaces Occupied?
Spaces Operating?
Access Issues?

Material Codes

AP=acoustical plaster, **BC**=brown coat, **BF**=base flashing, **BUR**=built-up roofing, **CB**=cove base, **CBM**=cove base mastic, **CF**=curb flashing, **CFT**=ceramic floor tile, **CM**=carpet mastic, **CPM**=carpet padding mastic, **CPT**=carpet tile mastic, **CT**=ceiling tile, **CTM**=CT mastic, **CWT**=ceramic wall tile, **FP**=fireproofing, **JC**=joint compound, **JT**=joint tape, **LC**=leveling compound, **PL**=plaster, **PP**=pitch pocket, **PPW**=parapet wall flashing, **RFP**=re-inforced fiberglass panel, **SP**=soundproofing, **TP**=tar paper, **VB**=vapor barrier, **VCT**=vinyl floor tile, **VCTM**=VCT mastic, **VSF**=vinyl sheet flooring, **WB**=wallboard, **WPA**=wall paper adhesive, **PI** = pipe insulation, **PFI** = pipe fitting insulation, **FG** = fiberglass line **ALL OTHER DESCRIPTIONS MUST BE WRITTEN OUT**

HILLMANN CONSULTING

BULK SAMPLE IDENTIFICATION FORM
PLM COC, Version 3.3 125041813

DATE: 04-15-25

Environmental Consulting & Lab Services, 1600 Route 22 East, Union, NJ 07083
(908) 688-7800 Fax (908) 686-2636 email: Giorgi@hillmanngroup.com
TGuinn JTW DeLorge@Mabbett.com

JOB#: 2020001.001.007

☑ POSITIVE STOP ON ALL HOMOG. SAMPLES

CLIENT: Mabbett

TAT for PLM - 3-6hrs 8-12hrs 24hrs 48hrs (72hrs) 5-7day
TAT for TEM - 3-6hrs 8-12hrs 24hrs 48hrs (72hrs) 5-7day
TAT for SOF-V - 1wk 2wk _____

LOCATION: Fort Hancock Bld 124

LAB Instructions: •ANALYZE ALL NOBS AS INDICATED BY (/) " VIA TEM IF NEGATIVE VIA PLM. POSITIVE STOP ON TEM ONLY
•ANALYZE BOTTOM / INNER LAYERS FIRST AS INDICATED BY "BL" – IF POSITIVE THEN STOP ANALYSIS OF OTHER LAYERS

Homg. ID	Sample # / Lab #	Floor/Room	Location Description	Material Description / Color	Quantity in SOW?	Cond / Friable?	NOB	Time Sample Collected	Lab Results
06	GI0415-11	Ground	North side	Ceiling Cementitious material Gray	30SF	G / N			
↓	12	↓	West side	↓	↓	↓		↓	
07	13		North side	Brick Mortar, Gray		G			
↓	14		West side	↓		↓			
08	15		↓	Knob Tube Junction Box	2Z	G / N		↓	
↓	16	↓	North side	↓	↓	↓		1500	

CHAIN OF CUSTODY

	SAMPLED BY:	TRANSPORTED BY:	RECEIVED BY:	ANALYZED BY:
Print	Giorgi Isakadze Kelan Burke	Jacob Walsh		Received
Sign				
Date	04/15/25 4/15/25	4/15/25		APR 21 2025

Spaces Occupied?
Spaces Operating?
Access Issues?

Material Codes

AP=acoustical plaster, **BC**=brown coat, **BF**=base flashing, **BUR**=built-up roofing, **CB**=cove base, **CBM**=cove base mastic, **CF**=curb flashing, **CFT**=ceramic floor tile, **CM**=carpet mastic, **CPM**=carpet padding mastic, **CPT**=carpet tile mastic, **CT**=ceiling tile, **CTM**=CT mastic, **CWT**=ceramic wall tile, **FP**=fireproofing, **JC**=joint compound, **JT**=joint tape, **LC**=leveling compound, **PL**=plaster, **PP**=pitch pocket, **PPW**=parapet wall flashing, **RFP**=re-inforced fiberglass panel, **SP**=soundproofing, **TP**=tar paper, **VB**=vapor barrier, **VCT**=vinyl floor tile, **VCTM**=VCT mastic, **VSF**=vinyl sheet flooring, **WB**=wallboard, **WPA**=wall paper adhesive, **PI** = pipe insulation, **PFI** = pipe fitting insulation, **FG** = fiberglass line **ALL OTHER DESCRIPTIONS MUST BE WRITTEN OUT**

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-0493

April 28, 2025

Mabbett & Associates, Inc.
Attn: Michael Delaney
105 Central Street
Suite 4100
Stoneham, MA 02180

RE: Mabbett & Associates, Inc.
Job Number 125041815
P.O. #R2020001.001.007
R2020001.001.007; Nike Launch Site, Sandyhook, NJ B431 (Report Amended 4/28/2025)

Dear Michael Delaney:

Enclosed are the results for PLM asbestos analysis of the following Mabbett & Associates, Inc. samples received at AmeriSci on Monday, April 21, 2025, for a 3 day turnaround:

4/15 KD-01, 4/15 KD-02, 4/15 KD-03, 4/15 KD-04, 4/15 KD-05, 4/15 KD-06

The 6 samples contained in zip lock bag were shipped to AmeriSci via Fed Ex. These samples were prepared and analyzed according to EPA PLM Method (EPA 600/R-93/116 Section 2.2). The required analytical information, analysis results, analyst signature and laboratory identification are contained in the PLM Bulk Asbestos Report. If TEM analysis was requested for selected samples the gravimetric reduction data (by Sec 2.3) and TEM Asbestos % (by Sec 2.5) are included in Table 1 along with a summary of Asbestos % by PLM for all samples analyzed.

This report relates ONLY to the sample analysis expressed as % asbestos. AmeriSci assumes no responsibility for customer supplied data such as “sample type”, "location", or “area sampled”. This report must not be used to claim product endorsement by AmeriSci, NVLAP or any agency of the U. S. Government. The National Institute of Standards and Technology accreditation requirements mandate that this report must not be reproduced, except in full, without the written approval of the laboratory. This report may contain specific data not covered by NVLAP or ELAP accreditations, if so identified in relevant footnotes.

AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,

Cory M. Parnell

Laboratory Director | Authorized Signatory

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-0493

PLM Bulk Asbestos Report

Mabbett & Associates, Inc.
Attn: Michael Delaney
105 Central Street
Suite 4100
Stoneham, MA 02180

Date Received 4/21/2025 **AmeriSci Job #** 125041815
Date Examined 04/24/25 **P.O. #**
Page 1 **of** 2

RE: R2020001.001.007; Nike Launch Site, Sandyhook, NJ B431 (Report Amended 4/28/2025)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
4/15 KD-01 1	125041815-01	***No***	NAD (by CVES) by David W. Ralbovsky on 04/24/25	
Location: West Wall SW; FG Insulation Backing/Black Wall Panel **Analyst Description:** Brown/Black, Heterogeneous, Fibrous, Backing **Asbestos Types:** **Other Material:** Cellulose 95%, Fibrous glass Trace, Non-fibrous 5.0%				
4/15 KD-02 1	125041815-02	***No***	NAD (by CVES) by David W. Ralbovsky on 04/24/25	
Location: East Wall NE; FG Insulation Backing/Black Wall Panel **Analyst Description:** Brown/Black, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 95%, Fibrous glass Trace, Non-fibrous 5.0%				
4/15 KD-03 2	125041815-03	***No***	NAD (by CVES) by David W. Ralbovsky on 04/24/25	
Location: West Wall SW; WB Grey **Analyst Description:** Brown/White/Brown, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 8.0%, Non-fibrous 92%				
4/15 KD-04 2	125041815-04	***No***	NAD (by CVES) by David W. Ralbovsky on 04/24/25	
Location: East Wall NE; WB Grey **Analyst Description:** Brown/White/Brown, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 8.0%, Non-fibrous 92%				
4/15 KD-05 3	125041815-05	***No***	NAD (by CVES) by David W. Ralbovsky on 04/24/25	
Location: North Wall Center; Wire Jacket Black **Analyst Description:** Silver/Black/Brown, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 65%, Fibrous glass 20%, Non-fibrous 15%				
4/15 KD-06 3	125041815-06	***No***	NAD (by CVES) by David W. Ralbovsky on 04/24/25	
Location: North Wall West; Wire Jacket Black **Analyst Description:** Silver/Black/Brown, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 65%, Fibrous glass 20%, Non-fibrous 15%				

See Reporting notes on last page

PLM Bulk Asbestos Report

R2020001.001.007; Nike Launch Site, Sandyhook, NJ B431 (Report Amended 4/28/2025)

Reporting Notes:

Analyzed by: David W. Ralbovsky
Date: 4/24/2025

Reviewed by: Cory M. Parnell

*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis (Not covered by NVLAP or NY ELAP accreditations); NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis using Olympus, Model BH-2 microscope, Serial #229707, by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.

Client Name: Mabbett & Associates, Inc.

Table I
Summary of Bulk Asbestos Analysis Results

R2020001.001.007; Nike Launch Site, Sandyhook, NJ B431 (Report Amended 4/28/2025)

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	4/15 KD-01	1	0.254	91.4	6.8	1.7	NAD	Chrysotile Trace
Location:	West Wall SW; FG Insulation Backing/Black Wall Panel; Backing							
02	4/15 KD-02	1	0.169	91.5	7.5	0.9	NAD	Chrysotile Trace
Location:	East Wall NE; FG Insulation Backing/Black Wall Panel							
03	4/15 KD-03	2	----	----	----	----	NAD	NA
Location:	West Wall SW; WB Grey							
04	4/15 KD-04	2	----	----	----	----	NAD	NA
Location:	East Wall NE; WB Grey							
05	4/15 KD-05	3	0.153	70.0	7.0	22.9	NAD	Chrysotile Trace
Location:	North Wall Center; Wire Jacket Black							
06	4/15 KD-06	3	0.187	59.4	6.1	34.3	NAD	Chrysotile Trace
Location:	North Wall West; Wire Jacket Black							

Analyzed by: Cory M. Parnell

Reviewed by: Cory M. Parnell

Date: 4/24/2025

Semi-Quantitative Analysis: NAD = no asbestos detected; NA = not analyzed; NA/PS = not analyzed due to positive stop; Trace = <1%; PLM analysis by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) or NY ELAP 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NY ELAP Lab # 10984); TEM prep by EPA 600/R-93/116 Section 2.3 (analysis by Section 2.5, not covered by NVLAP Bulk accreditation); or NY ELAP 198.4 for New York NOB samples (NY ELAP Lab # 10984). Analysis using Jeol, Model JEM-100CX II microscope, Serial #156147-247. ** Warning Notes: Consider PLM fiber diameter limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris, soils or other heterogeneous materials for which a combination PLM/TEM evaluation is recommended; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only.

AmeriSci Richmond	Report Amendment Explanation Form (append to amended report)	Date Amended 4/28/2025

Client: Mabbett & Associates, Inc.

AmeriSci Job #: 125041815

Client Job: R2020001.001.007

Analysis Type: PLM

AmeriSci Sample #s affected: 125041815-none

Amended by (print/sign): Tiffany Goodwyn

Original Item(s) Being Amended: Project Site - "Gateway National Park" - tlg

Changes Made: Project Site - "Nike Launch Site" - tlg

Reason for Changes: Client requested the change via email - tlg

Attach original sheet with incorrect item or items to be amended clearly indicated or circled.

Subject: Lab Report Changes
From: "Jacob T. Walsh" <walsh@mabbett.com>
Date: 4/28/2025, 8:58 AM
To: Tiffany Goodwyn <varesults@amerisci.com>
CC: "Michael F. Delaney" <Delaney@mabbett.com>

125-04-1815

Good Morning,

Please change the location from Fort Wadsworth to Miller Field on the attached lab report for building 7.

Also change the location on the reports for building 431 and 432 from Gateway national park to Nike Launch Site

Thank you.

R/

Jacob T. Walsh
Regulated Building Materials Technician

Phone: 781-275-6050 Ext. 316
Mobile: 781-835-7767
Web: www.mabbett.com
e-Mail: walsh@mabbett.com

Mabbett & Associates, Inc.
Scientists | Engineers | Program Managers
105 Central Street, Suite 4100, Stoneham, MA
02180-1260

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UEI: JACMATCH87S5

Think before you print.

Attachments:

B7.pdf 1.4 MB
B432.pdf
B431.pdf

HILLMANN CONSULTING

BULK SAMPLE IDENTIFICATION FORM 125041815
PLM COC, Version 3.4

DATE: 4/15/25

JOB#: A83166-7 R2020001.001.00 JTW

Environmental Consulting & Lab Services, 1600 Route 22 East, Union, NJ 07083
(908) 688-7800 Fax (908) 686-2636 email: KDOYLE TGULYA @hillmann.com JTW Delaney@mabbett.com

☑ POSITIVE STOP ON ALL HOMOG. SAMPLES

TAT for PLM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for TEM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for SM-V - 1wk 2wk

CLIENT: Mabbett & Associates

LOCATION: Gateway National Park, SANDY HOOK NJ ~~BIG TYBT~~ B431

LAB Instructions: •ANALYZE ALL NOBS AS INDICATED BY ⊘ " VIA TEM IF NEGATIVE VIA PLM. POSITIVE STOP ON TEM ONLY
•ANALYZE BOTTOM / INNER LAYERS FIRST AS INDICATED BY "BL" – IF POSITIVE THEN STOP ANALYSIS OF OTHER LAYERS

Homg. ID	Sample # / Lab #	Floor/Room	Location Description	Material Description Color	Quantity In SOW?	Cond Friable?	NOB	Time Sample Collected	Lab Results
01	4/15 KD-01	1	West wall S.W	FG Insulation backing/Black WALL Panel	3000 sf	D N	⊘	0830	
↓	KD-02	↓	East wall N.E.	↓	↓	D N	↓	↓	
02	KD-03	↓	West wall S.W	WB Grey	↓	D Y		↓	
↓	KD-04	↓	East wall N.E.	↓	↓	D Y		↓	
03	KD-05	↓	North wall center	WIRE JACKET BLACK	100 cf	D N	⊘	↓	
↓	KD-06	↓	North wall west	↓	↓	D N	↓	↓	

CHAIN OF CUSTODY

SAMPLED BY:	TRANSPORTED BY:	RECEIVED BY:	ANALYZED BY:
Print Kelan Doyle	Jacob Walsh		
Sign [signature]	[signature]		APR 21 2025
Date 4/15/25	4/15/25		[signature]

Spaces Occupied?
Spaces Operating?
Access Issues?

Material Codes
AP=acoustical plaster, BC=brown coat, BF=base flashing, BUR=built-up roofing, CB=cove base, CBM=cove base mastic, CF=curb flashing, CFT=ceramic floor tile, CM=carpet mastic, CPM=carpet padding mastic, CPT=carpet tile mastic, CT=ceiling tile, CTM=CT mastic, CWT=ceramic wall tile, FP=fireproofing, JC=joint compound, JT=joint tape, LC=leveling compound, PL=plaster, PP=pitch pocket, PPW=parapet wall flashing, RFP=re-inforced fiberglass panel, SP=soundproofing, TP=tar paper, VB=vapor barrier, VCT=vinyl floor tile, VCTM=VCT mastic, VSF=vinyl sheet flooring, WB=wallboard, WPA=wall paper adhesive, PI = pipe insulation, PFI = pipe fitting insulation, FG = fiberglass line ALL OTHER DESCRIPTIONS MUST BE WRITTEN OUT

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-0493

April 28, 2025

Mabbett & Associates, Inc.
Attn: Michael Delaney
105 Central Street
Suite 4100
Stoneham, MA 02180

RE: Mabbett & Associates, Inc.
Job Number 125041814
P.O. #R2020001.001.007
R2020001.001.007; Nike Launch Site, Sandyhook, NJ Bldg B432 (Report Amended 4/28/2025)

Dear Michael Delaney:

Enclosed are the results for PLM asbestos analysis of the following Mabbett & Associates, Inc. samples received at AmeriSci on Monday, April 21, 2025, for a 3 day turnaround:

4/15 KD-01, 4/15 KD-02, 4/15 KD-03, 4/15 KD-04, 4/15 KD-05, 4/15 KD-06, 4/15 KD-07, 4/15 KD-08, 4/15 KD-09, 4/15 KD-10

The 10 samples contained in zip lock bag were shipped to AmeriSci via Fed Ex. These samples were prepared and analyzed according to EPA PLM Method (EPA 600/R-93/116 Section 2.2). The required analytical information, analysis results, analyst signature and laboratory identification are contained in the PLM Bulk Asbestos Report. If TEM analysis was requested for selected samples the gravimetric reduction data (by Sec 2.3) and TEM Asbestos % (by Sec 2.5) are included in Table 1 along with a summary of Asbestos % by PLM for all samples analyzed.

This report relates ONLY to the sample analysis expressed as % asbestos. AmeriSci assumes no responsibility for customer supplied data such as “sample type”, "location", or “area sampled”. This report must not be used to claim product endorsement by AmeriSci, NVLAP or any agency of the U. S. Government. The National Institute of Standards and Technology accreditation requirements mandate that this report must not be reproduced, except in full, without the written approval of the laboratory. This report may contain specific data not covered by NVLAP or ELAP accreditations, if so identified in relevant footnotes.

AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,

Cory M. Parnell

Laboratory Director | Authorized Signatory

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-0493

PLM Bulk Asbestos Report

Mabbett & Associates, Inc.
Attn: Michael Delaney
105 Central Street
Suite 4100
Stoneham, MA 02180

Date Received 4/21/2025 **AmeriSci Job #** 125041814
Date Examined 04/24/25 **P.O. #**
Page 1 **of** 2

RE: R2020001.001.007; Nike Launch Site, Sandyhook, NJ Bldg B432
(Report Amended 4/28/2025)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
4/15 KD-01 1	125041814-01	***No***	NAD (by CVES) by Eric H. Ahles on 04/24/25	
Location: North Wall; Wire Jacket Black **Analyst Description:** Black/Silver, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 10%, Fibrous glass 10%, Non-fibrous 80%				
4/15 KD-02 1	125041814-02	***No***	NAD (by CVES) by Eric H. Ahles on 04/24/25	
Location: North Wall; Wire Jacket Black **Analyst Description:** Black/Silver, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 10%, Fibrous glass 10%, Non-fibrous 80%				
4/15 KD-03 2	125041814-03	***No***	NAD (by CVES) by Eric H. Ahles on 04/24/25	
Location: North Wall East; WB Gray **Analyst Description:** Gray, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 2.0%, Non-fibrous 98%				
4/15 KD-04 2	125041814-04	***No***	NAD (by CVES) by Eric H. Ahles on 04/24/25	
Location: West Wall South; WB Gray **Analyst Description:** White, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 2.0%, Non-fibrous 98%				
4/15 KD-05 3	125041814-05	***No***	NAD (by CVES) by Eric H. Ahles on 04/24/25	
Location: West Wall; FG Backing Blk Wall Panel **Analyst Description:** Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 50%, Fibrous glass Trace, Non-fibrous 50%				
4/15 KD-06 3	125041814-06	***No***	NAD (by CVES) by Eric H. Ahles on 04/24/25	
Location: East Wall; FG Backing Blk Wall Panel **Analyst Description:** Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 50%, Fibrous glass Trace, Non-fibrous 50%				

See Reporting notes on last page

PLM Bulk Asbestos Report

R2020001.001.007; Nike Launch Site, Sandyhook, NJ Bldg B432
(Report Amended 4/28/2025)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
4/15 KD-07 4 **Location:** South East; VCT Green **Analyst Description:** Green, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 3.0% **Other Material:** Non-fibrous 97%	125041814-07	***Yes***	3.0% (by CVES) by Eric H. Ahles on 04/24/25	
4/15 KD-08 4 **Location:** North West; VCT Green **Analyst Description:** Bulk Material **Asbestos Types:** **Other Material:**	125041814-08		NA/PS	
4/15 KD-09 5 **Location:** South East; VCT M Black **Analyst Description:** Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 4.0% **Other Material:** Non-fibrous 96%	125041814-09	***Yes***	4.0% (by CVES) by Eric H. Ahles on 04/24/25	
4/15 KD-10 5 **Location:** North West; VCT M Black **Analyst Description:** Bulk Material **Asbestos Types:** **Other Material:**	125041814-10		NA/PS	

Reporting Notes:

Analyzed by: Eric H. Ahles
Date: 4/24/2025

Reviewed by: Cory M. Parnell

*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis (Not covered by NVLAP or NY ELAP accreditations); NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis using Meiji, Model MT 6130 microscope, Serial #1410298, by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.

Client Name: Mabbett & Associates, Inc.

Table I
Summary of Bulk Asbestos Analysis Results

R2020001.001.007; Nike Launch Site, Sandyhook, NJ Bldg B432 (Report Amended 4/28/2025)

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	4/15 KD-01	1	0.236	63.5	29.7	6.7	NAD	NAD
Location:	North Wall; Wire Jacket Black							
02	4/15 KD-02	1	0.241	69.0	4.9	26.1	NAD	NAD
Location:	North Wall; Wire Jacket Black							
03	4/15 KD-03	2	----	----	----	----	NAD	NA
Location:	North Wall East; WB Gray							
04	4/15 KD-04	2	----	----	----	----	NAD	NA
Location:	West Wall South; WB Gray							
05	4/15 KD-05	3	0.135	94.3	5.7	0.0	NAD	NAD
Location:	West Wall; FG Backing Blk Wall Panel							
06	4/15 KD-06	3	0.237	81.1	5.0	13.9	NAD	NAD
Location:	East Wall; FG Backing Blk Wall Panel							
07	4/15 KD-07	4	----	----	----	----	Chrysotile 3.0	NA
Location:	South East; VCT Green							
08	4/15 KD-08	4	----	----	----	----	NA/PS	NA
Location:	North West; VCT Green							
09	4/15 KD-09	5	----	----	----	----	Chrysotile 4.0	NA
Location:	South East; VCT M Black							
10	4/15 KD-10	5	----	----	----	----	NA/PS	NA
Location:	North West; VCT M Black							

Analyzed by: Cory M. Parnell

Reviewed by: Cory M. Parnell

Date: 4/24/2025

Semi-Quantitative Analysis: NAD = no asbestos detected; NA = not analyzed; NA/PS = not analyzed due to positive stop; Trace = <1%; PLM analysis by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) or NY ELAP 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NY ELAP Lab # 10984); TEM prep by EPA 600/R-93/116 Section 2.3 (analysis by Section 2.5, not covered by NVLAP Bulk accreditation); or NY ELAP 198.4 for New York NOB samples (NY ELAP Lab # 10984). Analysis using Jeol, Model JEM-100CX II microscope, Serial #156147-247. ** Warning Notes: Consider PLM fiber diameter limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris, soils or other heterogeneous materials for which a combination PLM/TEM evaluation is recommended; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only.

AmeriSci Richmond	Report Amendment Explanation Form (append to amended report)	Date Amended 4/28/2025

Client: Mabbett & Associates, Inc.

AmeriSci Job #: 125041814

Client Job: R2020001.001.007

Analysis Type: PLM

AmeriSci Sample #s affected: 125041814-none

Amended by (print/sign): Tiffany Goodwyn

Original Item(s) Being Amended: Project Site - "Gateway National Park" - tlg

Changes Made: Project Site - "Nike Launch Site" - tlg

Reason for Changes: Client requested the change via email - tlg

Attach original sheet with incorrect item or items to be amended clearly indicated or circled.

Subject: Lab Report Changes
From: "Jacob T. Walsh" <walsh@mabbett.com>
Date: 4/28/2025, 8:58 AM
To: Tiffany Goodwyn <varesults@amerisci.com>
CC: "Michael F. Delaney" <Delaney@mabbett.com>

125-04-1814

Good Morning,

Please change the location from Fort Wadsworth to Miller Field on the attached lab report for building 7.

* Also change the location on the reports for building 431 and 432 from Gateway national park to Nike Launch Site

Thank you.

R/

Jacob T. Walsh
Regulated Building Materials Technician

Phone: 781-275-6050 Ext. 316
Mobile: 781-835-7767
Web: www.mabbett.com
e-Mail: walsh@mabbett.com

Mabbett & Associates, Inc.
Scientists | Engineers | Program Managers
105 Central Street, Suite 4100, Stoneham, MA
02180-1260

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UEI: JACMATCH87S5

Think before you print.

Attachments:

B7.pdf	1.4 MB
B432.pdf	
B431.pdf	

HILLMANN CONSULTING

BULK SAMPLE IDENTIFICATION FORM
PLM COC, Version 3.4

125041814

DATE: 4/15/25

Environmental Consulting & Lab Services, 1600 Route 22 East, Union, NJ 07083
(908) 688-7800 Fax (908) 686-2636 email: ~~@hillmann.com~~ Delaney@mabbett.com

JOB#: ~~A63466-7~~ R2020001.001.00

☒ POSITIVE STOP ON ALL HOMOG. SAMPLES

CLIENT: Mabbett & Associates

LOCATION: Gateway National park, Sandy Hook NJ BLDG ~~T432~~ B432

TAT for PLM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for TEM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for SM-V - 1wk 2wk

LAB Instructions: •ANALYZE ALL NOBS AS INDICATED BY ⊘ " VIA TEM IF NEGATIVE VIA PLM. POSITIVE STOP ON TEM ONLY
•ANALYZE BOTTOM / INNER LAYERS FIRST AS INDICATED BY "BL" – IF POSITIVE THEN STOP ANALYSIS OF OTHER LAYERS

Homg. ID	Sample # / Lab #	Floor/Room	Location Description	Material Description Color	Quantity in SOW?	Cond Friable?	NOB	Time Sample Collected	Lab Results
01	4/15 KD-01	1	Northwall	Wire Jacket Black	100 LF	P N	⊘	0930	
	KD-02								
02	KD-03		North wall East	WB grey	3000 sf	P Y			
	KD-04		west wall south						
03	KD-05		West wall	FG Backing Blk wall panel	3000 sf	P N	⊘		
	KD-06		East wall						
04	KD-07		South EAST	VCT green	1000 SF	P N	⊘		
	KD-08		North west						
05	KD-09		South EAST	VCT M Black					
	KD-10		North west						

CHAIN OF CUSTODY

	SAMPLED BY:	TRANSPORTED BY:	RECEIVED BY:	ANALYZED BY:
Print	Kelan Doyle	Jacob Walsh		Received APR 21 2025
Sign	[signature]	[signature]		[signature]
Date	4/15/25	4/15/25		

Spaces Occupied?
Spaces Operating?
Access Issues?

Material Codes
AP=acoustical plaster, BC=brown coat, BF=base flashing, BUR=built-up roofing, CB=cove base, CBM=cove base mastic, CF=curb flashing, CFT=ceramic floor tile, CM=carpet mastic, CPM=carpet padding mastic, CPT=carpet tile mastic, CT=ceiling tile, CTM=CT mastic, CWT=ceramic wall tile, FP=fireproofing, JC=joint compound, JT=joint tape, LC=leveling compound, PL=plaster, PP=pitch pocket, PPW=parapet wall flashing, RFP=re-inforced fiberglass panel, SP=soundproofing, TP=tar paper, VB=vapor barrier, VCT=vinyl floor tile, VCTM=VCT mastic, VSF=vinyl sheet flooring, WB=wallboard, WPA=wall paper adhesive, PI = pipe insulation, PFI = pipe fitting insulation, FG = fiberglass line ALL OTHER DESCRIPTIONS MUST BE WRITTEN OUT

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-0493

April 28, 2025

Mabbett & Associates, Inc.
Attn: Michael Delaney
105 Central Street
Suite 4100
Stoneham, MA 02180

RE: Mabbett & Associates, Inc.
Job Number 125041790
P.O. #R2020001.001.007
R2020001.001.007; Nike Launch Site Bld B434 NJ (Report Amended 4/28/2025)

Dear Michael Delaney:

Enclosed are the results for PLM asbestos analysis of the following Mabbett & Associates, Inc. samples received at AmeriSci on Monday, April 21, 2025, for a 3 day turnaround:

GI0415-01, GI0415-02, GI0415-03, GI0415-04, GI0415-05, GI0415-06, GI0415-07, GI0415-08, GI0415-09, GI0415-10, GI0415-11, GI0415-12, GI0415-13, GI0415-14, GI0415-15, GI0415-16, GI0415-17, GI0415-18, GI0415-19, GI0415-20, GI0415-21, GI0415-22, GI0415-23, GI0415-24, GI0415-25, GI0415-26, GI0415-27, GI0415-28, GI0415-29, GI0415-30, GI0415-31, GI0415-32, GI0415-33, GI0415-34, GI0415-35, GI0415-36, GI0415-37, GI0415-38, GI0415-39, GI0415-40, GI0415-41, GI0415-42, GI0415-43, GI0415-44, GI0415-45

The 45 samples contained in zip lock bag were shipped to AmeriSci via Fed Ex. These samples were prepared and analyzed according to EPA PLM Method (EPA 600/R-93/116 Section 2.2). The required analytical information, analysis results, analyst signature and laboratory identification are contained in the PLM Bulk Asbestos Report. If TEM analysis was requested for selected samples the gravimetric reduction data (by Sec 2.3) and TEM Asbestos % (by Sec 2.5) are included in Table 1 along with a summary of Asbestos % by PLM for all samples analyzed.

This report relates ONLY to the sample analysis expressed as % asbestos. AmeriSci assumes no responsibility for customer supplied data such as “sample type”, "location", or “area sampled”. This report must not be used to claim product endorsement by AmeriSci, NVLAP or any agency of the U. S. Government. The National Institute of Standards and Technology accreditation requirements mandate that this report must not be reproduced, except in full, without the written approval of the laboratory. This report may contain specific data not covered by NVLAP or ELAP accreditations, if so identified in relevant footnotes.

AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,

Cory M. Parnell

Laboratory Director | Authorized Signatory

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-0493

PLM Bulk Asbestos Report

Mabbett & Associates, Inc.
Attn: Michael Delaney
105 Central Street
Suite 4100
Stoneham, MA 02180

Date Received 4/21/2025 **AmeriSci Job #** 125041790
Date Examined 04/23/25 **P.O. #**
ELAP # 10984 **Page** 1 **of** 8
RE: R2020001.001.007; Nike Launch Site Bld B434 NJ (Report Amended 4/28/2025)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI0415-01 01	125041790-01	***No***	NAD (by CVES) by C. David Mintz on 04/23/25	
Location: Roof North; Black Roofing Material **Analyst Description:** Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100% **Comment:** Heat Sensitive (organic): 98.9%; Acid Soluble (inorganic): 1.1%				
GI0415-02 01	125041790-02	***No***	NAD (by CVES) by C. David Mintz on 04/23/25	
Location: Roof South; Black Roofing Material **Analyst Description:** Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100% **Comment:** Heat Sensitive (organic): 99.1%; Acid Soluble (inorganic): 0.9%				
GI0415-03 02	125041790-03	***No***	NAD (by CVES) by C. David Mintz on 04/23/25	
Location: Roof North; Brown Roofing Felt **Analyst Description:** Brown/Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100% **Comment:** Heat Sensitive (organic): 93.8%; Acid Soluble (inorganic): 6.2%				
GI0415-04 02	125041790-04	***No***	NAD (by CVES) by C. David Mintz on 04/23/25	
Location: Roof South; Brown Roofing Felt **Analyst Description:** Brown/Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100% **Comment:** Heat Sensitive (organic): 93.6%; Acid Soluble (inorganic): 6.4%				
GI0415-05 03	125041790-05	***No***	NAD (by CVES) by C. David Mintz on 04/23/25	
Location: Roof West; Black Flashing Material **Analyst Description:** Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100% **Comment:** Heat Sensitive (organic): 98.5%; Acid Soluble (inorganic): 1.5%				

See Reporting notes on last page

PLM Bulk Asbestos Report

R2020001.001.007; Nike Launch Site Bld B434 NJ (Report Amended 4/28/2025)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI0415-06 03	125041790-06	***No***	NAD (by CVES) by C. David Mintz on 04/23/25	

Location: Roof East; Black Flashing Material
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 100%
Comment: Heat Sensitive (organic): 96.5%; Acid Soluble (inorganic): 2.0%; Inert (Non-asbestos): 1.5%

GI0415-07 04	125041790-07	***No***	NAD (by CVES) by C. David Mintz on 04/23/25	

Location: Roof West; Black Vent Pipe Tar
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 41%
Comment: Heat Sensitive (organic): 53.1%; Acid Soluble (inorganic): 5.8%; Inert (Non-asbestos): 41.0%

GI0415-08 04	125041790-08	***No***	NAD (by CVES) by C. David Mintz on 04/23/25	

Location: Roof East; Black Vent Pipe Tar
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 100%
Comment: Heat Sensitive (organic): 99.3%; Acid Soluble (inorganic): 0.7%

GI0415-09 05	125041790-09	***No***	NAD (by CVES) by C. David Mintz on 04/23/25	

Location: Exterior West; Brown Pipe Insulation
Analyst Description: GrayishBrown, Homogeneous, Fibrous, Bulk Material
Asbestos Types:
Other Material: Cellulose 98%, Non-fibrous 2.0%

GI0415-10 05	125041790-10	***No***	NAD (by CVES) by C. David Mintz on 04/23/25	

Location: Exterior East; Brown Pipe Insulation
Analyst Description: GrayishBrown, Homogeneous, Fibrous, Bulk Material
Asbestos Types:
Other Material: Cellulose 98%, Non-fibrous 2.0%

GI0415-11 06	125041790-11	***Yes***	7.0% (by CVES) by C. David Mintz on 04/23/25	

Location: West Side; Gray Window Caulking
Analyst Description: Gray, Homogeneous, Fibrous, Bulk Material
Asbestos Types: Chrysotile 7.0%
Other Material: Non-fibrous 67%
Comment: Heat Sensitive (organic): 17.8%; Acid Soluble (inorganic): 7.3%; Inert (Non-asbestos): 67.9%

See Reporting notes on last page

PLM Bulk Asbestos Report

R2020001.001.007; Nike Launch Site Bld B434 NJ (Report Amended 4/28/2025)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI0415-12 06	125041790-12		NA/PS	
Location: South Side; Gray Window Caulking **Analyst Description:** Bulk Material **Asbestos Types:** **Other Material:** **Comment:** Heat Sensitive (organic): 14.7%; Acid Soluble (inorganic): 26.1%; Inert (Non-asbestos): 59.2%				
GI0415-13 07	125041790-13	***Yes***	4.0% (by CVES) by C. David Mintz on 04/23/25	
Location: West Side; Beige Window Glazing **Analyst Description:** Gray, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 4.0% **Other Material:** Non-fibrous 62% **Comment:** Heat Sensitive (organic): 6.2%; Acid Soluble (inorganic): 27.4%; Inert (Non-asbestos): 62.3%				
GI0415-14 07	125041790-14		NA/PS	
Location: South Side; Beige Window Glazing **Analyst Description:** Bulk Material **Asbestos Types:** **Other Material:** **Comment:** Heat Sensitive (organic): 6.4%; Acid Soluble (inorganic): 29.6%; Inert (Non-asbestos): 64.0%				
GI0415-15 08	125041790-15	***Yes***	4.0% (by CVES) by C. David Mintz on 04/23/25	
Location: East Side; Gray Door Caulking **Analyst Description:** Green, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 4.0% **Other Material:** Non-fibrous 32% **Comment:** Heat Sensitive (organic): 29.1%; Acid Soluble (inorganic): 34.2%; Inert (Non-asbestos): 32.8%				
GI0415-16 08	125041790-16		NA/PS	
Location: West Side; Gray Door Caulking **Analyst Description:** Bulk Material **Asbestos Types:** **Other Material:** **Comment:** Heat Sensitive (organic): 30.4%; Acid Soluble (inorganic): 33.1%; Inert (Non-asbestos): 36.4%				
GI0415-17 09	125041790-17	***No***	NAD (by CVES) by C. David Mintz on 04/23/25	*1*
Location: Locker Rm West; Gray Ceramic Wall Tile Grout **Analyst Description:** Lt. Beige, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 1.0%, Non-fibrous 99%				

See Reporting notes on last page

PLM Bulk Asbestos Report

R2020001.001.007; Nike Launch Site Bld B434 NJ (Report Amended 4/28/2025)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI0415-18 09	125041790-18	***No***	NAD (by CVES) by C. David Mintz on 04/23/25	*1*
Location: Locker Rm East; Gray Ceramic Wall Tile Grout **Analyst Description:** Lt. Beige, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 1.0%, Non-fibrous 99%				
GI0415-19 10	125041790-19	***No***	NAD (by CVES) by C. David Mintz on 04/23/25	*1*
Location: Locker Rm West; White Ceramic Wall Tile Mortar **Analyst Description:** White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI0415-20 10	125041790-20	***No***	NAD (by CVES) by C. David Mintz on 04/23/25	*1*
Location: Locker Rm East; White Ceramic Wall Tile Mortar **Analyst Description:** White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI0415-21 11	125041790-21	***No***	NAD (by CVES) by C. David Mintz on 04/23/25	*1*
Location: Locker Rm West; Gray Ceramic Floor Tile Grout **Analyst Description:** Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI0415-22 11	125041790-22	***No***	NAD (by CVES) by C. David Mintz on 04/23/25	*1*
Location: Locker Rm East; Gray Ceramic Floor Tile Grout **Analyst Description:** Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI0415-23 12	125041790-23	***No***	NAD (by CVES) by C. David Mintz on 04/23/25	*1*
Location: Locker Rm West; Gray Ceramic Floor Tile Mortar **Analyst Description:** Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				
GI0415-24 12	125041790-24	***No***	NAD (by CVES) by C. David Mintz on 04/23/25	*1*
Location: Locker Rm East; Gray Ceramic Floor Tile Mortar **Analyst Description:** Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%				

See Reporting notes on last page

PLM Bulk Asbestos Report

R2020001.001.007; Nike Launch Site Bld B434 NJ (Report Amended 4/28/2025)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI0415-25 13	125041790-25	***Yes***	6.0% (by CVES) by C. David Mintz on 04/23/25	

Location: South Side; Gray Expansion Joint
Analyst Description: White, Homogeneous, Fibrous, Bulk Material
Asbestos Types: Chrysotile 6.0%
Other Material: Non-fibrous 66%
Comment: Heat Sensitive (organic): 20.2%; Acid Soluble (inorganic): 7.3%; Inert (Non-asbestos): 66.5%

GI0415-26 13	125041790-26		NA/PS	

Location: North Side; Gray Expansion Joint
Analyst Description: Bulk Material
Asbestos Types:
Other Material:
Comment: Heat Sensitive (organic): 22.4%; Acid Soluble (inorganic): 15.2%; Inert (Non-asbestos): 62.4%

GI0415-27 14	125041790-27	***No***	NAD (by CVES) by C. David Mintz on 04/23/25	

Location: South Side; Black Filler Behind Expansion Joint
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 100%
Comment: Heat Sensitive (organic): 92.9%; Acid Soluble (inorganic): 5.1%; Inert (Non-asbestos): 2.1%

GI0415-28 14	125041790-28	***No***	NAD (by CVES) by C. David Mintz on 04/23/25	

Location: North Side; Black Filler Behind Expansion Joint
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 100%
Comment: Heat Sensitive (organic): 98.4%; Acid Soluble (inorganic): 1.5%; Inert (Non-asbestos): 0.1%

GI0415-29 15	125041790-29	***No***	NAD (by CVES) by C. David Mintz on 04/23/25	

Location: West Side; Gray CMU Mortar
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 100%

GI0415-30 15	125041790-30	***No***	NAD (by CVES) by C. David Mintz on 04/23/25	*1*

Location: South Side; Gray CMU Mortar
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 100%

See Reporting notes on last page

PLM Bulk Asbestos Report

R2020001.001.007; Nike Launch Site Bld B434 NJ (Report Amended 4/28/2025)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI0415-31 16 **Location:** West Side; Gray Wallboard **Analyst Description:** Off-White, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 2.0%, Non-fibrous 98%	125041790-31	***No***	NAD (by CVES) by C. David Mintz on 04/23/25	
GI0415-32 16 **Location:** North Side; Gray Wallboard **Analyst Description:** Off-White, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 2.0%, Non-fibrous 98%	125041790-32	***No***	NAD (by CVES) by C. David Mintz on 04/23/25	
GI0415-33 17 **Location:** Locker Room West; Gray Transite Panel **Analyst Description:** Gray, Homogeneous, Fibrous, Cementitious, Bulk Material **Asbestos Types:** Chrysotile 15% **Other Material:** Non-fibrous 85%	125041790-33	***Yes***	15% (by CVES) by C. David Mintz on 04/23/25	
GI0415-34 17 **Location:** Locker Room East; Gray Transite Panel **Analyst Description:** Bulk Material **Asbestos Types:** **Other Material:**	125041790-34		NA/PS	
GI0415-35 18 **Location:** Locker Room East; Wall Felt Paper **Analyst Description:** Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100% **Comment:** Heat Sensitive (organic): 95.7%; Acid Soluble (inorganic): 4.3%	125041790-35	***No***	NAD (by CVES) by C. David Mintz on 04/23/25	
GI0415-36 18 **Location:** Locker Room East; Wall Felt Paper **Analyst Description:** Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100% **Comment:** Heat Sensitive (organic): 96.2%; Acid Soluble (inorganic): 3.8%	125041790-36	***No***	NAD (by CVES) by C. David Mintz on 04/23/25	

See Reporting notes on last page

PLM Bulk Asbestos Report

R2020001.001.007; Nike Launch Site Bld B434 NJ (Report Amended 4/28/2025)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI0415-37 19 **Location:** Tank Room; Gray Pipe Insulation **Analyst Description:** GrayishBrown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 5.0% **Other Material:** Cellulose 90%, Non-fibrous 5.0%	125041790-37	***Yes***	5.0% (by CVES) by C. David Mintz on 04/23/25	
GI0415-38 19 **Location:** Locker Rm East; Gray Pipe Insulation **Analyst Description:** Bulk Material **Asbestos Types:** **Other Material:**	125041790-38		NA/PS	
GI0415-39 19 **Location:** Open Room; Gray Pipe Insulation **Analyst Description:** Bulk Material **Asbestos Types:** **Other Material:**	125041790-39		NA/PS	
GI0415-40 20 **Location:** Open Room; Gray Mud Packed Joint **Analyst Description:** Lt. Gray, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 65% **Other Material:** Non-fibrous 35%	125041790-40	***Yes***	65% (by CVES) by C. David Mintz on 04/23/25	
GI0415-41 20 **Location:** Tank Room; Gray Mud Packed Joint **Analyst Description:** Bulk Material **Asbestos Types:** **Other Material:**	125041790-41		NA/PS	
GI0415-42 20 **Location:** Locker Rm West; Gray Mud Packed Joint **Analyst Description:** Bulk Material **Asbestos Types:** **Other Material:**	125041790-42		NA/PS	
GI0415-43 21 **Location:** Tank Room; White Tank Insulation **Analyst Description:** Off-White, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 25%, Amosite 30% **Other Material:** Non-fibrous 45%	125041790-43	***Yes***	55% (by CVES) by C. David Mintz on 04/23/25	

See Reporting notes on last page

PLM Bulk Asbestos Report

R2020001.001.007; Nike Launch Site Bld B434 NJ (Report Amended 4/28/2025)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI0415-44 21	125041790-44		NA/PS	

Location: Tank Room; White Tank Insulation
Analyst Description: Bulk Material
Asbestos Types:
Other Material:

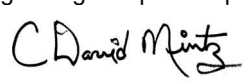
Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	Notes
GI0415-45 21	125041790-45		NA/PS	

Location: Tank Room; White Tank Insulation
Analyst Description: Bulk Material
Asbestos Types:
Other Material:

Reporting Notes:

(1) Sample homogenized by grinding to a powder prior to analysis.

Analyzed by: C. David Mintz
Date: 4/23/2025



Reviewed by: Cory M. Parnell

*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis (Not covered by NVLAP or NY ELAP accreditations); NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis using Olympus, Model BH-2 microscope, Serial #210972, by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.

AmeriSci Richmond	Report Amendment Explanation Form (append to amended report)	Date Amended 4/28/2025

Client: Mabbett & Associates, Inc.

AmeriSci Job #: 125041790

Client Job: R2020001.001.007

Analysis Type: PLM

AmeriSci Sample #s affected: 125041790-none

Amended by (print/sign): Tiffany Goodwyn

Original Item(s) Being Amended: Project Location "Bld 5434" - tlg

Changes Made: Project Location "Bld B434" - tlg

Reason for Changes: Client requested the correction via email - Client had included an email with original paperwork that listed the change - tlg

Attach original sheet with incorrect item or items to be amended clearly indicated or circled.

Subject: RE: *EXTERNAL* Job Problem: AmeriSci PLM or NY protocol
From: "Jacob T. Walsh" <walsh@mabbett.com>
Date: 4/22/2025, 10:14 AM
To: Tiffany Goodwyn <varesults@amerisci.com>
CC: "Michael F. Delaney" <Delaney@mabbett.com>

125-04-1790

Hi Tiffany,

See below for sample locations by building/COC.

B131, B432, B434, B124 – New Jersey

B7 – New York City

Thank you.

R/

Jacob T. Walsh
Regulated Building Materials Technician

Phone: 781-275-6050 Ext. 316
Mobile: 781-835-7767
Web: www.mabbett.com
e-Mail: walsh@mabbett.com
Mabbett & Associates, Inc.
Scientists | Engineers | Program Managers
105 Central Street, Suite 4100, Stoneham, MA 02180-1260

Small Business Administration Service-Disabled Veteran-Owned Certified

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UEI: JACMATCH8755

Think before you print.

From: Michael F. Delaney <Delaney@mabbett.com>
Sent: Monday, April 21, 2025 8:02 PM
To: Jacob T. Walsh <walsh@mabbett.com>
Subject: FW: *EXTERNAL* Job Problem: AmeriSci PLM or NY protocol

Please get back to them.

From: Kenyell Morris <varesults@amerisci.com>
Sent: Monday, April 21, 2025 4:09 PM
To: Michael F. Delaney <Delaney@mabbett.com>
Cc: varesults@amerisci.com
Subject: *EXTERNAL* Job Problem: AmeriSci PLM or NY protocol

***This message originated from outside your organization. Please take care and verify the authenticity of

HILLMANN CONSULTING

BULK SAMPLE IDENTIFICATION FORM
PLM COC, Version 3.3

1250417 90

DATE: 04-15-25

JOB# 1202000.001.00

Environmental Consulting & Lab Services, 1600 Route 22 East, Union, NJ 07083
(908) 688-7800 Fax (908) 686-2636 email: Giakoaze@hillmanngroup.com
Tcoupe JTW Delaney@Mabbett.com

☑ POSITIVE STOP ON ALL HOMOG. SAMPLE

CLIENT: Mabbett

TAT for PLM - 3-6hrs 8-12hrs 24hrs 48hrs (72hrs) 5-7day
TAT for TEM - 3-6hrs 8-12hrs 24hrs 48hrs (72hrs) 5-7day
TAT for SOF-V - 1wk 2wk _____

LOCATION: Nike launch site Bld 5434

LAB Instructions: •ANALYZE ALL NOBS AS INDICATED BY ⊘ " VIA TEM IF NEGATIVE VIA PLM. POSITIVE STOP ON TEM ONLY
•ANALYZE BOTTOM / INNER LAYERS FIRST AS INDICATED BY "BL" – IF POSITIVE THEN STOP ANALYSIS OF OTHER LAYE

Homg. ID	Sample # / Lab #	Floor/Room	Location Description	Material Description / Color	Quantity in SOW?	Cond / Friable?	NOB	Time Sample Collected	Lab Resu
01	GI0415-01	Roof	Roof North	TL Black Roofing Material	250 SF	G / N	⊘	0830	
↓	02		South	↓					
02	03		North	BL Brown Roofing Felt					
↓	04		South	↓	↓				
03	05		West	Black Flashing Material	50 SF				
↓	06		East	↓	↓				
04	07		West	Black Vent Pipe Tar	6 SF				
↓	08	↓	East	↓	↓				
05	09	Ground	Exterior West	Brown Pipe Insulation	30 SF				
↓	10	↓	East	↓	↓	↓	↓	↓	

CHAIN OF CUSTODY

	SAMPLED BY:		TRANSPORTED BY:	RECEIVED BY:	ANALYZED BY:
Print	Giorgi Isakadze	Kola Duke	Jacob Lynch		
Sign					
Date	04/15/25	4/15/25	4/15/25		

Recd
Spaces OC
Spaces OP
Acces BC
4/21/25 AM
AP R

Material Codes

AP=acoustical plaster, **BC**=brown coat, **BF**=base flashing, **BUR**=built-up roofing, **CB**=cove base, **CBM**=cove base mastic, **CF**=curb flashing, **CFT**=ceramic floor tile, **CM**=carpet mastic, **CP**=carpet padding mastic, **CPT**=carpet tile mastic, **CT**=ceiling tile, **CTM**=CT mastic, **CWT**=ceramic wall tile, **FP**=fireproofing, **JC**=joint compound, **JT**=joint tape, **LC**=leveling compound, **PL**=plaster, **PPW**=parapet wall flashing, **RFP**=re-inforced fiberglass panel, **SP**=soundproofing, **TP**=tar paper, **VB**=vapor barrier, **VCT**=vinyl floor tile, **VCTM**=VCT mastic, **VSF**=vinyl sheet flooring, **WB**=wall **WPA**=wall paper adhesive, **PI** = pipe insulation, **PFI** = pipe fitting insulation, **FG** = fiberglass line **ALL OTHER DESCRIPTIONS MUST BE WRITTEN OUT**

HILLMANN CONSULTING

BULK SAMPLE IDENTIFICATION FORM
PLM COC, Version 3.3

125041790

DATE: 04-15-25

JOB#: L2020001.001.007

Environmental Consulting & Lab Services, 1600 Route 22 East, Union, NJ 07083
(908) 688-7800 Fax (908) 686-2636 email: Gisakatze Tauya JTW @hillmanngroup.com
Delaney@Mabbett.com

☑ POSITIVE STOP ON ALL HOMOG. SAMPLES

TAT for PLM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for TEM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for SOF-V - 1wk 2wk _____

CLIENT: Mabbett

LOCATION: Nike launch site Bld S434

LAB Instructions:
- ANALYZE ALL NOBS AS INDICATED BY "⊘" VIA TEM IF NEGATIVE VIA PLM. POSITIVE STOP ON TEM ONLY
- ANALYZE BOTTOM / INNER LAYERS FIRST AS INDICATED BY "BL" – IF POSITIVE THEN STOP ANALYSIS OF OTHER LAYERS

Homg. ID	Sample # / Lab #	Floor/Room	Location Description	Material Description / Color	Quantity in SOW?	Cond Friable?	NOB	Time Sample Collected	Lab Results
06	GI0415-11	Exterior	West side	Window caulking Gray		G N	⊘		
↓	12		South side	↓					
07	13		West side	Window Glazing Beige					
↓	14		South side	↓					
08	15		East side	Door caulking, Gray	24 LF				
↓	16	↓	West side	↓	↓		↓		
09	17	Ground	Locker RM West	Ceramic wall Tile Grout Gray	260 SF				
↓	18		↓ East	↓		↓			
10	19		Locker RM West	Ceramic wall Tile White Mortar					
↓	20	↓	↓ East	↓	↓			↓	

CHAIN OF CUSTODY

	SAMPLED BY:		TRANSPORTED BY:	RECEIVED BY:	ANALYZED BY:
Print	Giorgi Isakatze	Kelan Doyle	Jacob Waugh		
Sign	[signature]	[signature]	[signature]		
Date	04/15/25	4/15/25	4/15/25		

Spaces Occupied?
Spaces Operating?
Access Issues?

Received
APR 21 2025
amw

Material Codes

AP=acoustical plaster, BC=brown coat, BF=base flashing, BUR=built-up roofing, CB=cove base, CBM=cove base mastic, CF=curb flashing, CFT=ceramic floor tile, CM=carpet mastic, CPM=carpet padding mastic, CPT=carpet tile mastic, CT=ceiling tile, CTM=CT mastic, CWT=ceramic wall tile, FP=fireproofing, JC=joint compound, JT=joint tape, LC=leveling compound, PL=plaster, PP=pitch pocket, PPW=parapet wall flashing, RFP=re-inforced fiberglass panel, SP=soundproofing, TP=tar paper, VB=vapor barrier, VCT=vinyl floor tile, VCTM=VCT mastic, VSF=vinyl sheet flooring, WB=wallboard, WPA=wall paper adhesive, PI = pipe insulation, PFI = pipe fitting insulation, FG = fiberglass line **ALL OTHER DESCRIPTIONS MUST BE WRITTEN OUT**

HILLMANN CONSULTING

BULK SAMPLE IDENTIFICATION FORM
PLM COC, Version 3.3

125041790

DATE: 04-15-25

JOB#: L2020001.001.007

Environmental Consulting & Lab Services, 1600 Route 22 East, Union, NJ 07083
(908) 688-7800 Fax (908) 686-2636 email: Gisakatze Tgulya JTW @hillmanngroup.com
Delaney@mabbett.com

☑ POSITIVE STOP ON ALL HOMOG. SAMPLES

CLIENT: Mabbett

LOCATION: Nike launch site Bld S434

TAT for PLM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for TEM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for SOF-V - 1wk 2wk _____

LAB Instructions:
- ANALYZE ALL NOBS AS INDICATED BY "⊘" VIA TEM IF NEGATIVE VIA PLM. POSITIVE STOP ON TEM ONLY
- ANALYZE BOTTOM / INNER LAYERS FIRST AS INDICATED BY "BL" – IF POSITIVE THEN STOP ANALYSIS OF OTHER LAYERS

Homg. ID	Sample # / Lab #	Floor/Room	Location Description	Material Description / Color	Quantity in SOW?	Cond Friable?	NOB	Time Sample Collected	Lab Results
11	GI0415-21	Ground	Locker RM West	Gray Ceramic Floor Tile grout	80 SF	D Y			
↓	22	↓	↓ East	↓	↓	↓		↓	
12	23	↓	Locker RM West	Gray Ceramic Floor Tile Mortar	↓	↓		↓	
↓	24	↓	↓ East	↓	↓	↓		↓	
13	25	Exterior	South side	Expansion joint. Gray	40 LF	G N	⊘	↓	
↓	26	↓	North side	↓	↓	↓	↓	↓	
14	27	↓	South side	Black Filler behind Expansion Joint	↓	↓	↓	↓	
↓	28	↓	North side	↓	↓	↓	↓	↓	
15	29	↓	West side	Gray CMU, mortar	↓	G Y	↓	↓	
↓	30	↓	South side	↓	↓	↓	↓	↓	

CHAIN OF CUSTODY

	SAMPLED BY:		TRANSPORTED BY:	RECEIVED BY:	ANALYZED BY:
Print	Giorgi Isakatze	Kelan Dale	Jacob Walsh		
Sign	[signature]	[signature]	[signature]		
Date	04/15/25	4/15/25	4/15/25		

Spaces Occupied?
Spaces Operating?
Access Issues?

Received
APR 21 2025

Material Codes

AP=acoustical plaster, BC=brown coat, BF=base flashing, BUR=built-up roofing, CB=cove base, CBM=cove base mastic, CF=curb flashing, CFT=ceramic floor tile, CM=carpet mastic, CPM=carpet padding mastic, CPT=carpet tile mastic, CT=ceiling tile, CTM=CT mastic, CWT=ceramic wall tile, FP=fireproofing, JC=joint compound, JT=joint tape, LC=leveling compound, PL=plaster, PP=pitch pocket, PPW=parapet wall flashing, RFP=re-inforced fiberglass panel, SP=soundproofing, TP=tar paper, VB=vapor barrier, VCT=vinyl floor tile, VCTM=VCT mastic, VSF=vinyl sheet flooring, WB=wallboard, WPA=wall paper adhesive, PI = pipe insulation, PFI = pipe fitting insulation, FG = fiberglass line **ALL OTHER DESCRIPTIONS MUST BE WRITTEN OUT**

HILLMANN CONSULTING

BULK SAMPLE IDENTIFICATION FORM 125041790
PLM COC, Version 3.3

DATE: 04-15-25

JOB# L2020001.001.007

Environmental Consulting & Lab Services, 1600 Route 22 East, Union, NJ 07083
(908) 688-7800 Fax (908) 686-2636 email: Gisakotze@hillmanngroup.com
TGulyas DTW Delaney@mabbett.com

☑ POSITIVE STOP ON ALL HOMOG. SAMPLES

TAT for PLM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for TEM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for SOF-V - 1wk 2wk

CLIENT: Mabbett

LOCATION: Nike launch site Bld S434

LAB Instructions: •ANALYZE ALL NOBS AS INDICATED BY "⊘" VIA TEM IF NEGATIVE VIA PLM. POSITIVE STOP ON TEM ONLY
•ANALYZE BOTTOM / INNER LAYERS FIRST AS INDICATED BY "BL" – IF POSITIVE THEN STOP ANALYSIS OF OTHER LAYERS

Homg. ID	Sample # / Lab #	Floor/Room	Location Description	Material Description / Color	Quantity in SOW?	Cond Friable?	NOB	Time Sample Collected	Lab Results
16	GI0415-31	Ground	West side	Wallboard, Gray		D / Y			
↓	32		North side	↓					
17	33		Locker Room West	Trinsite panel Gray	340SF				
↓	34		↓ East	↓	↓	↓			
18	35		Locker Room East	Wall felt paper	80SF	D / N	⊘		
↓	36		↓ East	↓	↓	↓	↓		
19	37		Tank Room	pipe insulation Gray	135LF	D / Y			
	38		Locker rm East						
↓	39		Open Room	↓	↓				
20	40	↓	↓	Mud packet Joint Gray	76LF	↓		↓	

CHAIN OF CUSTODY

	SAMPLED BY:		TRANSPORTED BY:	RECEIVED BY:	ANALYZED BY:
Print	Giorgi Isakotze	Kelan Pyle	Jacob Walsh		
Sign	[signature]	[signature]	[signature]		
Date	04/15/25	4/15/25	4/15/25		

Spaces Occupied?
Spaces Operating?
Access Issues?

Received
APR 21 2025

Material Codes

AP=acoustical plaster, BC=brown coat, BF=base flashing, BUR=built-up roofing, CB=cove base, CBM=cove base mastic, CF=curb flashing, CFT=ceramic floor tile, CM=carpet mastic, CPM=carpet padding mastic, CPT=carpet tile mastic, CT=ceiling tile, CTM=CT mastic, CWT=ceramic wall tile, FP=fireproofing, JC=joint compound, JT=joint tape, LC=leveling compound, PL=plaster, PP=pitch pocket, PPW=parapet wall flashing, RFP=re-inforced fiberglass panel, SP=soundproofing, TP=tar paper, VB=vapor barrier, VCT=vinyl floor tile, VCTM=VCT mastic, VSF=vinyl sheet flooring, WB=wallboard, WPA=wall paper adhesive, PI = pipe insulation, PFI = pipe fitting insulation, FG = fiberglass line **ALL OTHER DESCRIPTIONS MUST BE WRITTEN OUT**

HILLMANN CONSULTING

BULK SAMPLE IDENTIFICATION FORM
PLM COC, Version 3.3

125041790

DATE: 04-15-25

JOB#: 2020001.001.007

Environmental Consulting & Lab Services, 1600 Route 22 East, Union, NJ 07083
(908) 688-7800 Fax (908) 686-2636 email: Gisakofze Taulya JTW @hillmanngroup.com Delaney@mabbett.com

☑ POSITIVE STOP ON ALL HOMOG. SAMPLES

TAT for PLM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for TEM - 3-6hrs 8-12hrs 24hrs 48hrs 72hrs 5-7day
TAT for SOF-V - 1wk 2wk

CLIENT: Mabbett

LOCATION: Nike launch site Bld S434

LAB Instructions: •ANALYZE ALL NOBS AS INDICATED BY "✓" VIA TEM IF NEGATIVE VIA PLM. POSITIVE STOP ON TEM ONLY
•ANALYZE BOTTOM / INNER LAYERS FIRST AS INDICATED BY "BL" – IF POSITIVE THEN STOP ANALYSIS OF OTHER LAYERS

Homg. ID	Sample # / Lab #	Floor/Room	Location Description	Material Description / Color	Quantity in SOW?	Cond Friable?	NOB	Time Sample Collected	Lab Results
20	GI0415-41	Ground	Tank Rm	Mud packed joint Grey	26 LF	D Y			
↓	42	↓	Locker Rm Vent	↓	↓	↓		↓	
21	43	↓	Tank Room	Tank insulation White	40 SF	↓		↓	
↓	44	↓	↓	↓	↓	↓		↓	
↓	45	↓	↓	↓	↓	↓		1200	

CHAIN OF CUSTODY

	SAMPLED BY:	TRANSPORTED BY:	RECEIVED BY:	ANALYZED BY:
Print	Giorgi Isakofze Kelan Doyle	Jacob Walsh		
Sign	[signature] [signature]	[signature]		
Date	04/15/25 4/15/25	4/15/25		

Spaces Occupied?
Spaces Operating?
Access Issues?

Received
APR 21 2025

Material Codes

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APPENDIX C

LCP Laboratory Reports and Chain of Custody Documentation

Analysis for Lead Concentration in Paint Chips

by Flame Atomic Absorption Spectroscopy
EPA SW-846 3050B/6010C/7000B

Customer: Mabbett & Associates, Inc.
105 Central Street Suite 4100
Stoneham, MA 02180

Attn: Mike Delaney

Project: Miller Field - Building 7

Lab Order ID: **10080210**
Analysis: PBP
Date Received: 04/21/2025
Date Reported: 04/23/2025

Sample ID *Lab Sample ID*	Description *Lab Notes*	Mass (g)	Reporting Limit (ppm)	Concentration (ppm)	Concentration (% by weight)
PC-Pb-01	**Gray metal tank - interior**	0.0796	150	15000	**1.5%**
10080210_0001					

Disclaimer: Unless otherwise noted blank sample correction was not performed on analytical results. Scientific Analytical Institute participates in the AIHA ELPAT program. ELPAT Laboratory ID: 173190. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. Analytical uncertainty available upon request. The quality control samples run with the samples in this report have passed all EPA required specifications unless otherwise noted. RL: (Report Limit for an undiluted 50ml sample is 4µg Total Pb). All sample dried before preparation and analysis.

Alexa Kerkan (1)
Analyst

Approved Signatory

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888

Scientific Analytical Institute
4604 Dundas Dr. Greensboro, NC 27407
Phone: 336.292.3888 Fax: 336.292.3313
www.sailab.com lab@sailab.com

Lab Use Only
Lab Order ID: 10080210
Client Code: _____

Contact Information

Company Name: Mabbett & Associates, Inc.
Address: 105 Central St., Suite 4100
Stoneham, MA 02180
Contact: Michael Delaney
Phone ☒: 781-275-6050
Fax ☐:
Email ☒: delaney@mabbett.com
PO Number: R2020001.001.007
Project Name/Number: Miller Field – Building 7

Billing/Invoice Information

Company:
Address:
Contact: SAME
Phone ☐:
Fax ☐:
Email ☒: accountspayable@mabbett.com

Lead Test Types

Paint Chips by Flame AA (PBP) ☒	Soil by Flame AA (PBS) ☐	Other ☐
Wipe by Flame AA (PBW) ☐	Air by Flame AA (PBA) ☐	

Turn Around Times

3 Hours	☐	72 Hours	☒
6 Hours	☐	96 Hours	☐
12 Hours	☐	120 Hours	☐
24 Hours	☐	144+ Hours	☐
48 Hours	☐		

Sample ID #	Description/Location	Volume/Area	Comments
PC-Pb-01	Gray Metal Tank- Interior		

Accepted ☑
Rejected ☐

Total Number of Samples 1

Relinquished by	Date/Time	Received by	Date/Time
[illegible]	[illegible]	[signature]	4/21 830 AM

Analysis for Lead Concentration in Paint Chips

by Flame Atomic Absorption Spectroscopy
EPA SW-846 3050B/6010C/7000B

Customer: Mabbett & Associates, Inc.
105 Central Street Suite 4100
Stoneham, MA 02180

Attn: Michael Delaney

Project: Fort Hancock - B124

Lab Order ID: **10080207**
Analysis: PBP
Date Received: 04/21/2025
Date Reported: 04/23/2025

Sample ID *Lab Sample ID*	Description *Lab Notes*	Mass (g)	Reporting Limit (ppm)	Concentration (ppm)	Concentration (% by weight)
PC-Pb-01	**Black wood beam - interior**	0.1155	35	610	**0.061%**
10080207_0001					

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Alexa Kerkan (1)
Analyst

Approved Signatory

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888

Scientific Analytical Institute
4604 Dundas Dr. Greensboro, NC 27407
Phone: 336.292.3888 Fax: 336.292.3313
www.sailab.com lab@sailab.com

Lab Use Only
Lab Order ID: 10080207
Client Code: _____

Contact Information

Company Name: Mabbett & Associates, Inc.
Address: 105 Central St., Suite 4100
Stoneham, MA 02180
Contact: Michael Delaney
Phone ☒: 781-275-6050
Fax ☐:
Email ☒: delaney@mabbett.com
PO Number: R20001.001.007
Project Name/Number: Fort Hancock - B124

Billing/Invoice Information

Company:
Address: SAI
Contact:
Phone ☐:
Fax ☐:
Email ☒: accountspayable@mabbett.com

Lead Test Types

Paint Chips by Flame AA (PBP) ☒	Soil by Flame AA (PBS) ☐	Other ☐
Wipe by Flame AA (PBW) ☐	Air by Flame AA (PBA) ☐	

Turn Around Times

3 Hours	☐	72 Hours	☒
6 Hours	☐	96 Hours	☐
12 Hours	☐	120 Hours	☐
24 Hours	☐	144+ Hours	☐
48 Hours	☐		

Sample ID #	Description/Location	Volume/Area	Comments
PC-Pb-01	Black Wood Beam - Interior		

Accepted ☒

Rejected ☐

Total Number of Samples 1

Relinquished by	Date/Time	Received by	Date/Time
[illegible]	[illegible]	[signature]	4/21 8:30AM

Analysis for Lead Concentration in Paint Chips

by Flame Atomic Absorption Spectroscopy
EPA SW-846 3050B/6010C/7000B

Customer: Mabbett & Associates, Inc.
105 Central Street Suite 4100
Stoneham, MA 02180

Attn: Mike Delaney

Project: Nike Launch Site - B431

Lab Order ID: **10080206**
Analysis: PBP
Date Received: 04/21/2025
Date Reported: 04/23/2025

Sample ID *Lab Sample ID*	Description *Lab Notes*	Mass (g)	Reporting Limit (ppm)	Concentration (ppm)	Concentration (% by weight)
PC-Pb-01 *10080206_0001*	**Blue gypsum wall - interior**	0.0843	47	1400	**0.14%**
PC-Pb-02 *10080206_0002*	**Green wood window frame - exterior**	0.0701	57	1400	**0.14%**
PC-Pb-03 *10080206_0003*	**Tan metal panel - exterior**	0.0928	220	23000	**2.3%**

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Alexa Kerkan (3)
Analyst

Approved Signatory

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888

Scientific Analytical Institute
4604 Dundas Dr. Greensboro, NC 27407
Phone: 336.292.3888 Fax: 336.292.3313
www.sailab.com lab@sailab.com

Lab Use Only
Lab Order ID: 10080206
Client Code: _____

Contact Information

Company Name: Mabbett & Associates, Inc.
Address: 105 Central St., Suite 4100
Stoneham, MA 02180
Contact: Michael Delaney
Phone ☒: 781-275-6050
Fax ☐:
Email ☒: delaney@mabbett.com
PO Number: R2020001.001.007
Project Name/Number: Nike Launch Site - BH31

Billing/Invoice Information

Company:
Address: SAME
Contact:
Phone ☐:
Fax ☐:
Email ☒: accountspayable@mabbett.com

Lead Test Types

Paint Chips by Flame AA (PBP) ☒	Soil by Flame AA (PBS) ☐	Other ☐
Wipe by Flame AA (PBW) ☐	Air by Flame AA (PBA) ☐	

Turn Around Times

3 Hours	☐	72 Hours	☒
6 Hours	☐	96 Hours	☐
12 Hours	☐	120 Hours	☐
24 Hours	☐	144+ Hours	☐
48 Hours	☐		

Sample ID #	Description/Location	Volume/Area	Comments
PC-Pb-01	Blue Gypsum wall - Interior		
PC-Pb-02	Green Wood window Frame - Exterior		
PC-Pb-03	Tan Metal Panel - Exterior		

Accepted ☑
Rejected ☐

Total Number of Samples 3

Relinquished by	Date/Time	Received by	Date/Time
[illegible]	[illegible]	[signature]	4/21 0730 AM

Analysis for Lead Concentration in Paint Chips

by Flame Atomic Absorption Spectroscopy
EPA SW-846 3050B/6010C/7000B

Customer: Mabbett & Associates, Inc.
105 Central Street Suite 4100
Stoneham, MA 02180

Attn: Michael Delaney

Project: Mke Launch Site - B432

Lab Order ID: **10080209**
Analysis: PBP
Date Received: 04/21/2025
Date Reported: 04/24/2025

Sample ID *Lab Sample ID*	Description *Lab Notes*	Mass (g)	Reporting Limit (ppm)	Concentration (ppm)	Concentration (% by weight)
Pc-Pb-01 *10080209_0001*	**White Gypsum Wall - Inerior**	0.1125	36	7300	**0.73%**
Pc-Pb-02 *10080209_0002*	**Green Wood Window Frame - Exterior**	0.0638	630	43000	**4.3%**
Pc-Pb-03 *10080209_0003*	**Tan Metal Panel - Exterior**	0.0613	330	34000	**3.4%**

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Mark Doki (3)
Analyst

Approved Signatory

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888

Scientific Analytical Institute
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Phone: 336.292.3888 Fax: 336.292.3313
www.sailab.com lab@sailab.com

Lab Use Only
Lab Order ID: 10080209
Client Code: _____

Contact Information

Company Name: Mabbett & Associates, Inc.
Address: 105 Central St., Suite 4100
Stoneham, MA 02180
Contact: Michael Delaney
Phone ☒: 781-275-6050
Fax ☐:
Email ☒: delaney@mabbett.com
PO Number: R2020001.001.007
Project Name/Number: Nike Launch Site - B432

Billing/Invoice Information

Company:
Address: SAME
Contact:
Phone ☐:
Fax ☐:
Email ☒: accountspayable@mabbett.com

Lead Test Types

Paint Chips by Flame AA (PBP) ☒	Soil by Flame AA (PBS) ☐	Other ☐
Wipe by Flame AA (PBW) ☐	Air by Flame AA (PBA) ☐	

Turn Around Times

3 Hours	☐	72 Hours	☒
6 Hours	☐	96 Hours	☐
12 Hours	☐	120 Hours	☐
24 Hours	☐	144+ Hours	☐
48 Hours	☐		

Sample ID #	Description/Location	Volume/Area	Comments
PC-Pb-01	White Gypsum Wall - Interior		
PC-Pb-02	Green Wood Window Frame - Exterior		
PC-Pb-03	Tan Metal Panel - Exterior		

Accepted ☑
Rejected ☐

Total Number of Samples 3

Relinquished by	Date/Time	Received by	Date/Time
Jacob Walsh	4/18/20 1700		4/21 0930

Analysis for Lead Concentration in Paint Chips

by Flame Atomic Absorption Spectroscopy
EPA SW-846 3050B/6010C/7000B

Customer: Mabbett & Associates, Inc.
105 Central Street Suite 4100
Stoneham, MA 02180

Attn: Michael Delaney

Project: Nike Launch Site - B434

Lab Order ID: **10080204**
Analysis: PBP
Date Received: 04/21/2025
Date Reported: 04/24/2025

Sample ID *Lab Sample ID*	Description *Lab Notes*	Mass (g)	Reporting Limit (ppm)	Concentration (ppm)	Concentration (% by weight)
Pc-Pb-01 *10080204_0001*	**Green Gypsum Wall - Interior**	0.0883	45	3800	**0.38%**
Pc-Pb-02 *10080204_0002*	**Green Wood Window Frame - Exterior**	0.0786	510	110000	**11%**
Pc-Pb-03 *10080204_0003*	**Tan CMU Block Wall - Exterior**	0.0777	51	8400	**0.84%**

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Mark Doki (3)
Analyst

Approved Signatory

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888

Scientific Analytical Institute
4604 Dundas Dr. Greensboro, NC 27407
Phone: 336.292.3888 Fax: 336.292.3313
www.sailab.com lab@sailab.com

Lab Use Only
Lab Order ID: 10080204
Client Code: _____

Contact Information

Company Name: Mabbett & Associates, Inc.
Address: 105 Central St., Suite 4100
Stoneham, MA 02180
Contact: Michael Delaney
Phone ☒: 781-275-6050
Fax ☐:
Email ☒: delaney@mabbett.com
PO Number: R2020001.001.007
Project Name/Number: Mike Lavach Site - B434

Billing/Invoice Information

Company:
Address: SAME
Contact:
Phone ☐:
Fax ☐:
Email ☒: accountspayable@mabbett.com

Lead Test Types

Paint Chips by Flame AA (PBP) ☒	Soil by Flame AA (PBS) ☐	Other ☐
Wipe by Flame AA (PBW) ☐	Air by Flame AA (PBA) ☐	

Turn Around Times

3 Hours	☐	72 Hours	☒
6 Hours	☐	96 Hours	☐
12 Hours	☐	120 Hours	☐
24 Hours	☐	144+ Hours	☐
48 Hours	☐		

Sample ID #	Description/Location	Volume/Area	Comments
PC-Pb-01	Green Gypsum Wall - Interior		
PC-Pb-02	Green Wood Window Frame - Exterior		
PC-Pb-03	Tan CMU Block Wall - Exterior		

Accepted ☒
Rejected ☐
MD 4/18/25

Accepted ☑
Rejected ☐

Total Number of Samples 3

Relinquished by	Date/Time	Received by	Date/Time
Jacob Walsh	4/18/25 1700		4/21 830 AM

Analysis for Lead Concentration in Paint Chips

by Flame Atomic Absorption Spectroscopy
EPA SW-846 3050B/6010C/7000B

Customer: Mabbett & Associates, Inc.
105 Central Street Suite 4100
Stoneham, MA 02180

Attn: Michael Delaney

Project: Mke Launch Site - B434

Lab Order ID: **10080204**
Analysis: PBP
Date Received: 04/21/2025
Date Reported: 04/24/2025

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Mass (g)	Reporting Limit (ppm)	Concentration (ppm)	Concentration (% by weight)
Pc-Pb-01	**Green Gypsum Wall - Interior**	0.0883	45	3800	**0.38%**
10080204_0001					
Pc-Pb-02	**Green Wood Window Frame - Exterior**	0.0786	510	110000	**11%**
10080204_0002					
Pc-Pb-03	**Tan CMU Block Wall - Exterior**	0.0777	51	8400	**0.84%**
10080204_0003					

Disclaimer. Unless otherwise noted blank sample correction was not performed on analytical results. Scientific Analytical Institute participates in the AIHA ELPAT program. ELPAT Laboratory ID: 173190. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. Analytical uncertainty available upon request. The quality control samples run with the samples in this report have passed all EPA required specifications unless otherwise noted. RL: (Report Limit for an undiluted 50ml sample is 4µg Total Pb) All sample dried before preparation and analysis.

Mark Doki (3)
Analyst

Approved Signatory

APPENDIX D

Photo Log

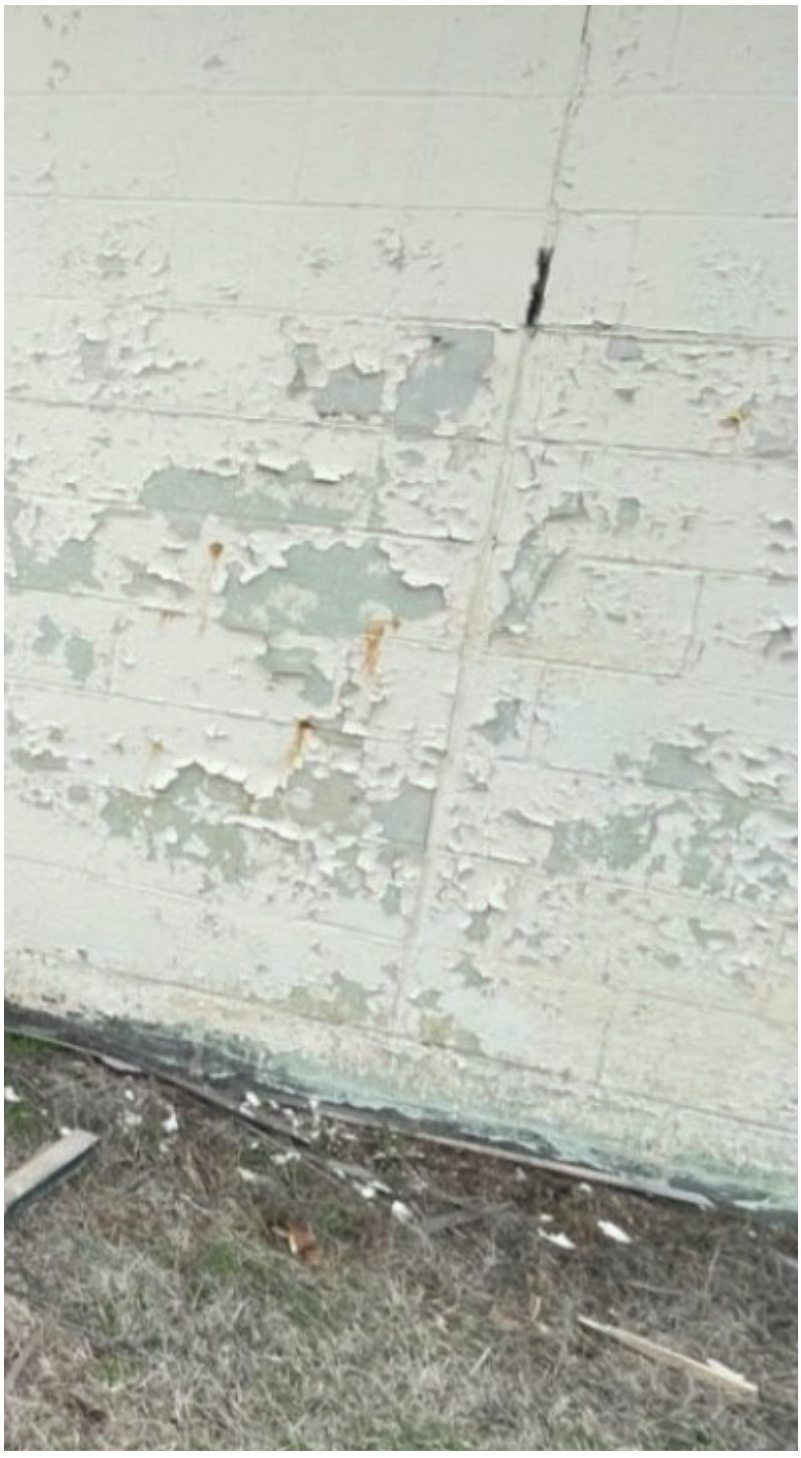
NIKE Launch Site – B432

9” x 9” Green/Blue Checked Floor Tile and Black Mastic

NIKE Launch Site – B434

Gray Window Caulking and Beige Window Glazing

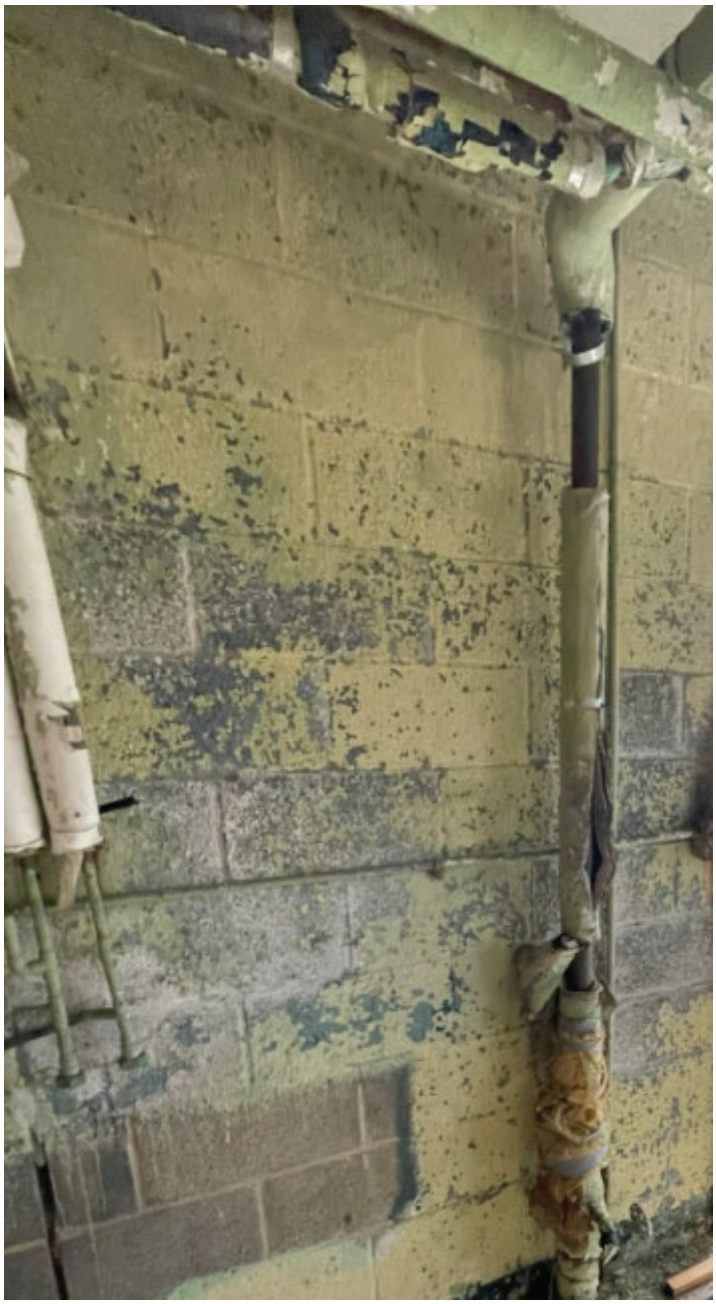
Gray Door Caulking



Gray Expansion Joint

Gray Transite Panel

Gray Pipe Insulation



Gray Mud Packed Joint

White Tank Insulation