Asbestos Containing Building Materials Inspection Report

Project:

Various Buildings
Located at Fort Allen,
Juana Díaz, Puerto Rico

Client:
PRNG

ZEM-25449
November 2025

Prepared By:

Zimmetry Environmental Management, Corp.
www.zimmetry.com
info@zimmetry.com

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Section 1: Executive Summary

1.1 Introduction

An Asbestos Containing Building Materials (ACBM) inspection was conducted on October 14, 2025, at Various Buildings located at Fort Allen, in the municipality of Juana Díaz, Puerto Rico. The asbestos-containing building materials sampling was performed to identify materials that contain asbestos fibers above allowable levels and to assist with compliance with local, state, and federal regulations.

1.2 Summary of Property Evaluation

The inspection consisted of the evaluation of the interior and exterior areas of the buildings mentioned below. **The analytical report found that asbestos fibers were present in selective materials**. For specific locations and additional details on the location of ACBM, reference Sections 2 and 3. If suspected components and surfaces not previously evaluated are identified in the facilities, they shall be considered to contain asbestos until the appropriate analysis is performed.

Table 1: Asbestos Sampling Results

Sites Inspected	Sample Results
Bldg. #130	POSITIVE
Bldg. #133	POSITIVE
Bldg. #231 (Roof Area Only)	NEGATIVE
Bldg. #358	POSITIVE
Bldg. #402 (Mechanical Room & Storage Bldg.)	NO SAMPLES COLLECTED
Range #402 (Wastewater Treatment Plant)	NEGATIVE

1.3 Property Locations of Building Components with Asbestos

Table 2-1 summarizes the buildings components containing asbestos fibers. Details that identify positive asbestos findings within specific areas and on surfaces were provided in the Asbestos Sampling Inspection Report, Section 2. The quantification of positive materials in Table 2-1 is only an estimate. If an abatement of the materials is conducted, the Contractors shall estimate the amount to be abated. If homogeneous materials not accounted for are identified in areas not described in this Report, they shall be managed as asbestos-containing material.

Table 2-1.1: Summary of Components Containing Asbestos of Bldg. #130

Area	Component	Approximate Amount
All Areas Except Bathrooms	Vinyl Tiles	1,450 Ft^2
All Window Areas & 1st Level Doors	Window Caulking	294 Ln Ft

Note:
1. The quantification of positive materials presented in this table is only an estimate. If an abatement of the materials will be conducted, the Contractors shall estimate the amount of materials to be abated.

Table 2-1.2: Summary of Components Containing Asbestos of Bldg. #133

Area	Component	Approximate Amount
All Window Areas & 1st Level Doors	[2]Window Caulking	294 Ln Ft

Note:
1. The quantification of positive materials presented in this table is only an estimate. If an abatement of the materials will be conducted, the Contractors shall estimate the amount of materials to be abated.
2. Due to the similar construction of the buildings, the asbestos-containing window caulking from Bldg. #130 is therefore considered homogeneous with that in Bldg. #133.

Table 2-1.3: Summary of Components Containing Asbestos of Bldg. #358		
Area	**Component**	**Approximate Amount**
[2]1-1	Vinyl Tiles & Associated Mastic	150 Ft^2
[2]1-2, 1-10, 1-11 & 1-13	Vinyl Tiles	790 Ft^2

Note:

1. The quantification of positive materials presented in this table is only an estimate. If an abatement of the materials will be conducted, the Contractors shall estimate the amount of materials to be abated.
2. **In some areas, asbestos-containing vinyl tiles were identified to be located in the lower layer of currently installed asbestos-containing floor vinyl tiles**. Any future construction or renovation should anticipate the presence of these materials if these existing materials are to be removed.

Section 2: Asbestos Containing Building Materials Inspection Report

2.1 Overview of the Evaluation

This ACBM inspection is an evaluation to identify the location of material containing asbestos that exists within. Our scope of work services for this project consisted of the following tasks.

- A walk-through and observation of the site was performed.
- Bulk sampling of Suspected ACBM within the structure.
- Polarized Light Microscopy (PLM) Analysis of bulk samples.
- Final Inspection Report.

Throughout the inspection, the following suspected ACBM were observed and sampled:

- Cove Base Adhesive
- Roofing Material
- Vinyl Tiles
- Window Caulking

The sampling was conducted by the Department of Natural and Environmental Resources (DRNA) of Puerto Rico and the United States Environmental Protection Agency (USEPA) accredited Inspectors qualified by experience, education, and training in recognition of potential ACBM and approved bulk sampling techniques. Direct access may have been restricted in certain areas due to physical hazards. In these cases, if any, assumptions were made based on findings from other locations whenever possible. Any such assumptions are duly noted in this report.

The inspection followed the Environmental Protection Agency recommended procedures EPA-450/2-78-014 (Parts I and II), EPA 560/5-85-024, and 40 CFR 763. These procedures call for the visual inspection of the building for suspect friable material and the collection and analysis of representative samples of suspect material.

2.2 Sampling Procedure and Results Presentation

The bulk sampling procedures utilized for the collection of the ACBM required the establishment of homogeneous sampling areas. A homogeneous sampling area is defined as an area of friable or non-friable material of a similar type that appears to be applied or constructed during the same time.

Samples collected from these predetermined homogeneous sampling areas were labeled and transported for analysis. Sample locations were identified by their current use or functional space name. Each type of asbestos displays a unique property when subject to PLM. Properties are unique to crystalline asbestos form and, therefore, can be used to identify the type of asbestos mineral as chrysotile, amosite, crocidolite, anthophyllite, tremolite, and actinolite.

The percentage of each asbestos mineral type is determined by visual estimation, which is done by mixing the sample thoroughly to provide a more accurate percentage. Any material containing over one percentage (>1%) by weight of any asbestos mineral form is considered by the USEPA to be asbestos-containing material. If disturbed, it must be handled according to specific State and Federal Regulations.

Thirty-Two (32) samples of suspected materials were collected. It is our opinion that an acceptable minimum number of critical areas were sampled in keeping with the homogeneous nature of much of the material that was observed. Non-destructive sampling techniques were used. If they exist, walls, ceilings, columns, and other inaccessible areas were not broken into. It should be noted that these inaccessible areas may contain ACBM, which was not observed during the inspection. Any future construction or renovation should anticipate the presence of these materials.

The samples were received and analyzed by Eurofins Atlanta in Atlanta, GA (Certified Proficient by the National Institute of Standards and Technology (NIST) NVLAP program for bulk sample asbestos analysis; Laboratory Id 102082-0). The analysis method was polarized light microscopy with dispersion staining, as recommended by the US EPA. This survey focused on the building materials, which are present throughout the interior and exterior of the building structure.

2.3 Findings and Recommendations

2.3.1 Introduction

This section describes the asbestos-containing building materials (ACBM) observed in the inspection. Please note that the recommendations given are the minimum required action, which should be taken based on our professional judgment.

There were two types of Asbestos Containing Building Materials found within the evaluated buildings:

- Vinyl Tiles & Associated Mastic
- Window Caulking

If these materials are to be removed, they should be managed and disposed of by a licensed asbestos contractor and disposed of as contaminated waste in an approved asbestos landfill site.

2.3.2 Specific Findings

The following ACBM was found to contain more than one percent (1%) of asbestos by weight and are listed according to their homogeneous area:

1. **Vinyl Tiles Samples**: 25449-FA-02, 25449-FA-04, 25449-FA-07, 25449-08, 25449-FA-23, 25449-FA-24, 25449-FA-25 & 25449-FA-26

   These materials are in a non-friable condition, and the analytical result ranges between 2% to 10% Chrysotile asbestos.
2. **Vinyl Tiles & Associated Mastic Samples**: 25449-FA-05 & 25449-FA-06

   These materials are in a non-friable condition, and the analytical result ranges between 2% to 3% Chrysotile asbestos.

3. **Window Caulking Samples**: 25449-FA-29 & 25449-FA-30

   These materials are in a non-friable condition, and the analytical result range is 3% Chrysotile asbestos.

2.3.3 Homogeneous Areas with Special Considerations

NONE

2.3.4 Suspect Materials Presumed to be Asbestos-Containing Materials Without Laboratory Analysis

NONE

2.3.5 Inaccessible Areas

NONE

2.4 Conditions and Limitations—Disclaimer

Zimmetry Environmental Management Corp. has performed this asbestos-containing building materials inspection thoroughly and professionally, consistent with commonly accepted industry standards. The Preparer cannot guarantee and does not warrant that this evaluation has identified all adverse environmental factors and/or conditions affecting these buildings on the date of the evaluation. If suspected materials are identified, they shall be managed as containing asbestos until the appropriate laboratory analysis is performed. The quantification of positive materials in Table 1-1 is only an estimate. If an abatement of the materials is conducted, the Contractors shall estimate the amount to be abated.

The results reported, and conclusions reached by the Preparer are solely for the benefit of the Owner and occupants. The results and opinions in this report, based solely on the conditions found at the buildings on the date of the evaluation, are valid only on that date. The Preparer assumes no obligation to advise the client of any changes in any actual or potential asbestos hazards at these buildings beyond the date of the evaluation.

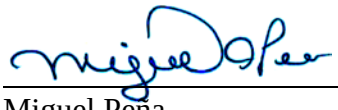
2.5 Abatement Conditions

The US Environmental Protection Agency rules concerning the application, removal, and disposal of Asbestos Containing Building Materials (ACBM) were issued under the asbestos NESHAP (U.S. EPA National Emission Standards of Hazardous Air Pollutants, 40 CFR 61 Subpart M, October 30, 1987). The asbestos **N.E.S.H.A.P.** regulation governs asbestos demolition and renovation projects in all facilities. The NESHAP rule usually requires owners or operators to have all friable ACBM removed before a building is demolished, and it may require removal before a renovation. The Department of Natural and Environmental Resources (DRNA) of Puerto Rico requires inspecting the presence of asbestos-containing materials before building demolition.

If the identified materials are to be removed, they shall be managed following the work practices and procedures for the removal and disposal of asbestos-containing materials by a licensed asbestos contractor and disposed of as contaminated waste in an approved asbestos landfill site. The Contractor shall comply with all the Department of Natural and Environmental Resources (DRNA) of Puerto Rico requirements. The Contractor has to submit the abatement work plan to the DRNA for approval. The asbestos abatement is classified as Class II for the miscellaneous materials by OSHA, which includes the abatement, packing, and storage of asbestos. The abatement has to be performed without damaging any structure or adjacent area and protecting the safety and health of the employees and the general public.

2.6 Environmental Assessment Report Certification

Zimmetry Environmental Management Corp. has performed this asbestos-containing building materials inspection thoroughly and professionally, consistent with commonly accepted industry standards. The ACBM inspection was conducted on October 14, 2025, by Miguel A. Peña, ASB-1024-0466-SI, and by Dilia Rosado, ASB-0925-0385-SI, both qualified by experience, education, and training in recognizing asbestos-containing materials and approved sampling techniques.



Miguel Peña
Environmental Asbestos Inspector



Dilia Rosado, MEM
Environmental Asbestos Inspector

Section 3: Appendices

Appendix A: Certifications, Licenses, and Accreditations

Appendix B: Laboratory Results & Chain of Custody

Appendix C: Photographic Record

Appendix D: Location of Positive Materials

APPENDIX A

Certifications, Licenses and Accreditations

ZIMMETRY
ENVIRONMENTAL
& INDUSTRIAL HYGIENE

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 102082-0

Eurofins Built Environment Testing Atlanta
Atlanta, GA

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique on ISO/IEC 17025).

2025-10-01 through 2026-09-30
Effective Dates

For the National Voluntary Laboratory Accreditation Program



ASB-1024-0466-SI
Número de Registro

24-oct-2025
Fecha de vencimiento

TARJETA DE REGISTRO
PARA LA REMOCION DE ASBESTO

Esta tarjeta autoriza a:

Miguel A. Peña Ruiz

Inspector

A trabajar en la remoción de asbesto en Puerto Rico. Esta persona **NO** es un empleado del DRNA.

Firma Autorizada - Departamento Recursos Naturales y Ambientales



ASB-0925-0385-SI
Número de Registro

31-ago-2026
Fecha de vencimiento

TARJETA DE REGISTRO
PARA LA REMOCION DE ASBESTO

Esta tarjeta autoriza a:

Dilia I. Rosado Zabala

Inspector

A trabajar en la remoción de asbesto en Puerto Rico. Esta persona **NO** es un empleado del DRNA.

Firma Autorizada - Departamento Recursos Naturales y Ambientales

APPENDIX B

Laboratory Results and Chain of Custody

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October 23, 2025

Andres Pagan
Zimmetry Environmental Mgmt Corp.
P.O. Box 3545
Bayamon, PR 958

CLIENT PROJECT: Fort Allen Various Buildings
LAB CODE: 698151-1

Dear Andres,

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on October 16, 2025. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials and EPA 40 CFR Appendix E to Subpart E of Part 763: Interim Method of the Determination of Asbestos in Bulk Insulation Samples.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% by calibrated visual estimate.

Thank you for your business and we look forward to continuing good relations.

Kind Regards,

Dana Till,
QA Manager

NVLAP 102082-0

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ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

Zimmetry Environmental Mgmt Corp.

CLIENT PROJECT:	Fort Allen Various Buildings
LAB CODE:	698151-1
TEST METHOD:	EPA 600 / R93 / 116 and EPA 40 CFR Appendix E to Subpart E of Part 763
REPORT DATE:	10/23/25
TOTAL SAMPLES ANALYZED:	12
# SAMPLES >1% ASBESTOS:	6
TOTAL LAYERS ANALYZED:	23

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Asbestos Report Summary
By: Polarized Light Microscopy

Project: Fort Allen Various Buildings **Lab Code:** 698151-1

Method: EPA 600 / R93 / 116 and EPA 40 CFR Appendix E to Subpart E of Part 763

Client ID	Lab ID	Layer	Sample Description	Asbestos %
25449-FA-01	3806315	Layer A	Gray floor tile	None Detected
		Layer B	Gray adhesive	None Detected
25449-FA-02	3806316	Layer A	Green floor tile	Chrysotile 2%
		Layer B	Gray mastic	None Detected
25449-FA-03	3806317	Layer A	Gray floor tile	None Detected
		Layer B	Gray adhesive	None Detected
25449-FA-04	3806318	Layer A	Green floor tile	Chrysotile 2%
		Layer B	Gray adhesive	None Detected
25449-FA-05	3806319	Layer A	Green floor tile	Chrysotile 2%
		Layer B	Black mastic	Chrysotile 3%
25449-FA-06	3806320	Layer A	Green floor tile	Chrysotile 2%
		Layer B	Black mastic	Chrysotile 3%
25449-FA-07	3806321	Layer A	Cream floor tile	Chrysotile 2%
		Layer B	Yellow adhesive	None Detected
25449-FA-08	3806322	Layer A	Cream floor tile	Chrysotile 2%
		Layer B	Yellow adhesive	None Detected
25449-FA-09	3806323		Black tar	None Detected
25449-FA-10	3806324	Layer A	Black shingle w/ silver paint	None Detected
		Layer B	Black tar	None Detected
25449-FA-11	3806325	Layer A	Gray/black shingle w/ silver paint	None Detected
		Layer B	Black tar	None Detected
25449-FA-12	3806326	Layer A	Gray shingle w/ silver paint	None Detected
		Layer B	Black tar	None Detected

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ASBESTOS BULK ANALYSIS
By: Polarized Light Microscopy

Client: Zimmetry Environmental Mgmt Corp.
P.O. Box 3545
Bayamon, PR 958

Lab Code: 698151-1
Date Received: 10/16/25
Date Analyzed: 10/21/25
Date Reported: 10/23/25

Project: Fort Allen Various Buildings

Method: ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	Non-Fibrous		ASBESTOS %
25449-FA-01	Floor Tile	Homogeneous		55%	Binder	**None Detected**
Layer A		Gray		45%	Gravel	
3806315		Non-Fibrous				
		Bound				
Layer B	Adhesive	Homogeneous		100%	Mastic	**None Detected**
3806315		Gray				
		Non-Fibrous				
		Bound				
25449-FA-02	Floor Tile	Homogeneous		53%	Binder	**Chrysotile 2%**
Layer A		Green		45%	Gravel	
3806316		Non-Fibrous				
		Bound				
Layer B	Mastic	Homogeneous		100%	Mastic	**None Detected**
3806316		Gray				
		Non-Fibrous				
		Bound				
25449-FA-03	Floor Tile	Homogeneous		55%	Binder	**None Detected**
Layer A		Gray		45%	Gravel	
3806317		Non-Fibrous				
		Bound				
Layer B	Adhesive	Homogeneous		100%	Mastic	**None Detected**
3806317		Gray				
		Non-Fibrous				
		Bound				

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ASBESTOS BULK ANALYSIS
By: Polarized Light Microscopy

Client: Zimmetry Environmental Mgmt Corp.
P.O. Box 3545
Bayamon, PR 958

Lab Code: 698151-1
Date Received: 10/16/25
Date Analyzed: 10/21/25
Date Reported: 10/23/25

Project: Fort Allen Various Buildings

Method: ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	Non-Fibrous		ASBESTOS %
25449-FA-04	Floor Tile	Homogeneous		53%	Binder	**Chrysotile 2%**
Layer A		Green		45%	Gravel	
3806318		Non-Fibrous				
		Bound				
Layer B	Adhesive	Homogeneous		100%	Mastic	**None Detected**
3806318		Gray				
		Non-Fibrous				
		Bound				
25449-FA-05	Floor Tile	Homogeneous		53%	Binder	**Chrysotile 2%**
Layer A		Green		45%	Gravel	
3806319		Non-Fibrous				
		Bound				
Layer B	Mastic	Homogeneous		97%	Mastic	**Chrysotile 3%**
3806319		Black				
		Non-Fibrous				
		Bound				
25449-FA-06	Floor Tile	Homogeneous		53%	Binder	**Chrysotile 2%**
Layer A		Green		45%	Gravel	
3806320		Non-Fibrous				
		Bound				
Layer B	Mastic	Homogeneous		97%	Mastic	**Chrysotile 3%**
3806320		Black				
		Non-Fibrous				
		Bound				

ASBESTOS BULK ANALYSIS
By: Polarized Light Microscopy

Client: Zimmetry Environmental Mgmt Corp.
P.O. Box 3545
Bayamon, PR 958

Lab Code: 698151-1
Date Received: 10/16/25
Date Analyzed: 10/21/25
Date Reported: 10/23/25

Project: Fort Allen Various Buildings

Method: ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
25449-FA-07	Floor Tile	Homogeneous			53%	Binder	**Chrysotile 2%**
Layer A		Cream			45%	Gravel	
3806321		Non-Fibrous					
		Bound					
Layer B	Adhesive	Heterogeneous			100%	Mastic	**None Detected**
3806321		Yellow					
		Non-Fibrous					
		Bound					
25449-FA-08	Floor Tile	Homogeneous			53%	Binder	**Chrysotile 2%**
Layer A		Cream			45%	Gravel	
3806322		Non-Fibrous					
		Bound					
Layer B	Adhesive	Homogeneous			100%	Mastic	**None Detected**
3806322		Yellow					
		Non-Fibrous					
		Bound					
25449-FA-09	Tar	Homogeneous	15%	Cellulose	85%	Tar	**None Detected**
3806323		Black					
		Fibrous					
		Bound					
25449-FA-10	Shingle W/ Silver	Heterogeneous	25%	Glass	15%	Gravel	**None Detected**
Layer A	Paint	Black			5%	Paint	
3806324		Fibrous			55%	Tar	
		Bound					
Layer B	Tar	Homogeneous	20%	Glass	80%	Tar	**None Detected**
3806324		Black					
		Fibrous					
		Bound					

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ASBESTOS BULK ANALYSIS
By: Polarized Light Microscopy

Client: Zimmetry Environmental Mgmt Corp.
P.O. Box 3545
Bayamon, PR 958

Lab Code: 698151-1
Date Received: 10/16/25
Date Analyzed: 10/21/25
Date Reported: 10/23/25

Project: Fort Allen Various Buildings

Method: ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
25449-FA-11 Layer A 3806325	Shingle W/ Silver Paint	Homogeneous Gray/black Fibrous Bound	25%	Glass	55% 15% 5%	Tar Gravel Paint	**None Detected**
Layer B 3806325	Tar	Homogeneous Black Non-Fibrous Bound			100%	Tar	**None Detected**
25449-FA-12 Layer A 3806326	Shingle W/ Silver Paint	Homogeneous Gray Fibrous Bound	25%	Cellulose	55% 5% 15%	Tar Paint Gravel	**None Detected**
Layer B 3806326	Tar	Homogeneous Black Fibrous Bound	15%	Cellulose	85%	Tar	**None Detected**

LEGEND:

Non-Anth = Non-Asbestiform Anthophyllite
Non-Trem = Non-Asbestiform Tremolite
Calc Carb = Calcium Carbonate

METHOD: EPA 600 / R93 / 116 and EPA 40 CFR Appendix E to Subpart E of Part 763

REPORTING LIMIT: 1% by calibrated visual estimation

REGULATORY LIMIT: 1%

Due to the limitations of the EPA 600 / R93 / 116 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation. Estimated measurement of uncertainty is available on request.

Eurofins Built Environment Testing East, LLC makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins Built Environment Testing East, LLC. Samples were received in acceptable condition unless otherwise noted. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

Information provided by customer includes customer sample ID and sample description.

Elena Ivanova
Analyst

DATA QA:

Kiet Nguyen
10/22/2025

APPROVED BY:

Dana Till,
QA Manager

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RES Job #: 698151

SUBMITTED BY		INVOICE TO		CONTACT INFORMATION		SERIES
Company:	Zimmetry Environmental Mgmt Corp.	Company:	Zimmetry Environmental Mgmt Corp.	Contact:	Andres Pagan	-1 PLM Standard
Address:	P.O. Box 3545	Address:	P.O. Box 3545	Phone:	(787) 995-0005	
	Bayamon, PR 958		Bayamon, PR 958	Fax:		
				Cell:		
Project Number and/or P.O. #:	ZEM-25449	Project Zip Code:		Final Data Deliverable Email Address:		
Project Description/Location:	Fort Allen Various Buildings			apagan@zimmetry.com (+ 5 ADDNL. CONTACTS)		

ASBESTOS LABORATORY

PLM / PCM / TEM / NYS DTL RUSH PRIORITY STANDARD

CHEMISTRY LABORATORY

Dust RUSH PRIORITY STANDARD

Metals RUSH PRIORITY STANDARD *PRIOR NOTICE REQUIRED FOR SAME DAY TAT

Organics* SAME DAY RUSH PRIORITY STANDARD

MICROBIOLOGY LABORATORY

Viable Analysis** PRIORITY STANDARD

**TAT DEPENDENT ON SPEED OF MICROBIAL GROWTH

Medical Device Analysis RUSH STANDARD

Mold Analysis RUSH PRIORITY STANDARD

****Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.****

Special Instructions:

REQUESTED ANALYSIS

VALID MATRIX CODES

Air = A	Bulk = B
Dust = D	Food = F
Paint = P	Soil = S
Surface = SU	Swab = SW
Tape = T	Wipe = W
Drinking Water = DW	
Waste Water = WW	
ASTM E1792 approved wipe media only	

Client Sample ID Number (Sample ID's must be unique)	ASBESTOS: PLM - PLM Short Report (EPA/600/R-93/116)	ASBESTOS: TEM	ASBESTOS: PCM	ASBESTOS: NYS	CHEMISTRY: DUST	CHEMISTRY: METALS	CHEMISTRY: ORGANICS	MICROBIOLOGY: VIABLES	MICROBIOLOGY: MEDICAL	MICROBIOLOGY: MOLD	ICO	Sample Volume (L) / Area	Sample Temperature (°C)	Length(or Aliquots) x Width(or Area/Aliquot)	Matrix Code	# of Containers	Date Collected mm/dd/yy	Time Collected hh:mm	Laboratory Analysis Instructions
1 25449-FA-01	X														B		10/14/25	00:00	
2 25449-FA-02	X														B		10/14/25	00:00	
3 25449-FA-03	X														B		10/14/25	00:00	
4 25449-FA-04	X														B		10/14/25	00:00	
5 25449-FA-05	X														B		10/14/25	00:00	
6 25449-FA-06	X														B		10/14/25	00:00	
7 25449-FA-07	X														B		10/14/25	00:00	
8 25449-FA-08	X														B		10/14/25	00:00	
9 25449-FA-09	X														B		10/14/25	00:00	
10 25449-FA-10	X														B		10/14/25	00:00	
11 25449-FA-11	X														B		10/14/25	00:00	
12 25449-FA-12	X														B		10/14/25	00:00	

Eurofins Built Environment Testing East, LLC establishes a unique Lab Sample ID, for each sample, by preceding each unique Client Sample ID with the laboratory RES Job Number.
Eurofins Built Environment Testing East, LLC will analyze incoming samples based on information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing, client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall consitute an analytical services agreement with payment terms of NET30. Failure to comply with payment terms may result in a 18% APR finance charge.

Relinquished By:		Zimmetry Results	Date/Time: 10/15/2025 15:35:44	Sample Condition: Acceptable
Received By:		Kiet Nguyen	Date/Time: 10/16/2025 9:58:45	Carrier: Fed-Ex

Zimmetry Environmental Mgmt Corp.
Sample Notes

RES #: 698151

Project Number and/or P.O. #: ZEM-25449

Project Description/Location: Fort Allen Various Buildings

Client Sample ID	Sample Note	Quantity	Sampler(s)
25449-FA-01	Cream Vinyl Tile (Upper Layer) (12x12)		Miguel Peña
25449-FA-02	Green Vinyl Tile (Lower Layer) (9X9)		Miguel Peña
25449-FA-03	Cream Vinyl Tile (Upper Layer) (12x12)		Miguel Peña
25449-FA-04	Green Vinyl Tile (Upper Layer) (12x12)		Miguel Peña
25449-FA-05	Green Vinyl Tile (9x9)		Miguel Peña
25449-FA-06	Green Vinyl Tile (9x9)		Miguel Peña
25449-FA-07	Cream Vinyl Tile (12x12)		Miguel Peña
25449-FA-08	Cream Vinyl Tile (12x12)		Miguel Peña
25449-FA-09	Roofing Material 2		Miguel Peña
25449-FA-10	Roofing Material 2		Miguel Peña
25449-FA-11	Roofing Material 1		Miguel Peña
25449-FA-12	Roofing Material 1		Miguel Peña

Zimmetry Environmental Mgmt Corp.
Sample Locations

RES #: 698151

Project Number and/or P.O. #: ZEM-25449

Project Description/Location: Fort Allen Various Buildings

Client Sample ID	Sample Location
25449-FA-01	Area 1-2, Bldg. 358
25449-FA-02	Area 1-2, Bldg. 358
25449-FA-03	Area 1-2, Bldg. 358
25449-FA-04	Area 1-2, Bldg. 358
25449-FA-05	Area 1-1
25449-FA-06	Area 1-1
25449-FA-07	Area 1-10
25449-FA-08	Area 1-13
25449-FA-09	Bldg. 358
25449-FA-10	Bldg. 358
25449-FA-11	Bldg. 358
25449-FA-12	Bldg. 358

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October 27, 2025

Andres Pagan
Zimmetry Environmental Mgmt Corp.
P.O. Box 3545
Bayamon, PR 958

CLIENT PROJECT: Fort Allen Various Building
LAB CODE: 698824-1

Dear Andres,

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on October 20, 2025. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials and EPA 40 CFR Appendix E to Subpart E of Part 763: Interim Method of the Determination of Asbestos in Bulk Insulation Samples.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% by calibrated visual estimate.

Thank you for your business and we look forward to continuing good relations.

Kind Regards,

Dana Till,
QA Manager

NVLAP 102082-0

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ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

Zimmetry Environmental Mgmt Corp.

CLIENT PROJECT:	Fort Allen Various Building
LAB CODE:	698824-1
TEST METHOD:	EPA 600 / R93 / 116 and EPA 40 CFR Appendix E to Subpart E of Part 763
REPORT DATE:	10/27/25
TOTAL SAMPLES ANALYZED:	20
# SAMPLES >1% ASBESTOS:	6
TOTAL LAYERS ANALYZED:	42

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Asbestos Report Summary
By: Polarized Light Microscopy

Project: Fort Allen Various Building **Lab Code:** 698824-1

Method: EPA 600 / R93 / 116 and EPA 40 CFR Appendix E to Subpart E of Part 763

Client ID	Lab ID	Layer	Sample Description	Asbestos %
25449-FA-13	3813595		Beige floor tile	None Detected
25449-FA-14	3813596	Layer A	Beige floor tile	None Detected
		Layer B	Cream adhesive	None Detected
25449-FA-15	3813597	Layer A	White coating	None Detected
		Layer B	Dark-gray resinous material	None Detected
		Layer C	Gray fibrous material w/ gray adhesive	None Detected
		Layer D	Black mastic	None Detected
25449-FA-16	3813598	Layer A	White coating	None Detected
		Layer B	Dark-gray resinous material	None Detected
		Layer C	Gray fibrous material w/ gray adhesive	None Detected
		Layer D	Gray granular cementitious material	None Detected
25449-FA-17	3813599	Layer A	Beige floor tile	None Detected
		Layer B	Cream adhesive	None Detected
25449-FA-18	3813600	Layer A	Beige floor tile	None Detected
		Layer B	Cream adhesive	None Detected
		Layer C	Black mastic	None Detected
25449-FA-19	3813601	Layer A	Brown cove base	None Detected
		Layer B	Tan adhesive	None Detected
25449-FA-20	3813602		Brown cove base w/ tan adhesive	None Detected
25449-FA-21	3813603	Layer A	Black tar	None Detected
		Layer B	Black tar	None Detected
25449-FA-22	3813604	Layer A	Black tar	None Detected
		Layer B	Black tar	None Detected
25449-FA-23	3813605	Layer A	Gray floor tile	Chrysotile 10%
		Layer B	Black mastic	None Detected

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Asbestos Report Summary
By: Polarized Light Microscopy

Project: Fort Allen Various Building **Lab Code:** 698824-1

Method: EPA 600 / R93 / 116 and EPA 40 CFR Appendix E to Subpart E of Part 763

Client ID	Lab ID	Layer	Sample Description	Asbestos %
25449-FA-24	3813606	Layer A	Gray floor tile	Chrysotile 10%
		Layer B	Black mastic	None Detected
		Layer C	Gray compound	None Detected
25449-FA-25	3813607	Layer A	Gray floor tile	Chrysotile 3%
		Layer B	Black mastic	None Detected
25449-FA-26	3813608	Layer A	Gray floor tile	Chrysotile 3%
		Layer B	Black mastic	None Detected
25449-FA-27	3813609	Layer A	Black mastic	None Detected
		Layer B	Cream compound	None Detected
25449-FA-28	3813610	Layer A	Black mastic	None Detected
		Layer B	Brown adhesive	None Detected
25449-FA-29	3813611		Cream glazing w/ white paint	Chrysotile 3%
25449-FA-30	3813612		Cream glazing w/ white paint	Chrysotile 3%
25449-FA-31	3813613	Layer A	Black tar	None Detected
		Layer B	Black tar	None Detected
25449-FA-32	3813614	Layer A	Black tar	None Detected
		Layer B	Black tar	None Detected

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ASBESTOS BULK ANALYSIS
By: Polarized Light Microscopy

Client: Zimmetry Environmental Mgmt Corp.
P.O. Box 3545
Bayamon, PR 958

Lab Code: 698824-1
Date Received: 10/20/25
Date Analyzed: 10/23/25
Date Reported: 10/27/25

Project: Fort Allen Various Building

Method: ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
25449-FA-13 3813595	Floor Tile	Homogeneous Beige Non-Fibrous Tightly Bound			40% 60%	Gravel Binder	**None Detected**
25449-FA-14 Layer A 3813596	Floor Tile	Homogeneous Beige Non-Fibrous Tightly Bound			40% 60%	Gravel Binder	**None Detected**
Layer B 3813596	Adhesive	Homogeneous Cream Non-Fibrous Tightly Bound			100%	Mastic	**None Detected**
25449-FA-15 Layer A 3813597	Coating	Homogeneous White Non-Fibrous Tightly Bound			100%	Vinyl	**None Detected**
Layer B 3813597	Resinous Material	Homogeneous Dark-gray Non-Fibrous Tightly Bound	5%	Glass	95%	Vinyl	**None Detected**
Layer C 3813597	Fibrous Material W/ Gray Adhesive	Homogeneous Gray Fibrous Bound	98%	Synthetics	2%	Mastic	**None Detected**
Layer D 3813597	Mastic	Homogeneous Black Non-Fibrous Tightly Bound			100%	Mastic	**None Detected**

ASBESTOS BULK ANALYSIS
By: Polarized Light Microscopy

Client: Zimmetry Environmental Mgmt Corp.
P.O. Box 3545
Bayamon, PR 958

Lab Code: 698824-1
Date Received: 10/20/25
Date Analyzed: 10/23/25
Date Reported: 10/27/25

Project: Fort Allen Various Building

Method: ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		NON-ASBESTOS COMPONENTS Non-Fibrous		ASBESTOS %
25449-FA-16 Layer A 3813598	Coating	Homogeneous White Non-Fibrous Tightly Bound			100%	Vinyl	**None Detected**
Layer B 3813598	Resinous Material	Homogeneous Dark-gray Non-Fibrous Tightly Bound	5%	Glass	95%	Vinyl	**None Detected**
Layer C 3813598	Fibrous Material W/ Gray Adhesive	Homogeneous Gray Fibrous Bound	95%	Synthetics	5%	Mastic	**None Detected**
Layer D 3813598	Granular Cementitious Material	Homogeneous Gray Non-Fibrous Tightly Bound			35% 65%	Gravel Binder	**None Detected**
25449-FA-17 Layer A 3813599	Floor Tile	Homogeneous Beige Non-Fibrous Tightly Bound			40% 60%	Gravel Binder	**None Detected**
Layer B 3813599	Adhesive	Homogeneous Cream Non-Fibrous Tightly Bound			100%	Mastic	**None Detected**

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ASBESTOS BULK ANALYSIS
By: Polarized Light Microscopy

Client: Zimmetry Environmental Mgmt Corp.
P.O. Box 3545
Bayamon, PR 958

Lab Code: 698824-1
Date Received: 10/20/25
Date Analyzed: 10/23/25
Date Reported: 10/27/25

Project: Fort Allen Various Building

Method: ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	Non-Fibrous		ASBESTOS %
25449-FA-18	Floor Tile	Homogeneous		40%	Gravel	**None Detected**
Layer A		Beige		60%	Binder	
3813600		Non-Fibrous				
		Tightly Bound				
Layer B	Adhesive	Homogeneous		100%	Mastic	**None Detected**
3813600		Cream				
		Non-Fibrous				
		Tightly Bound				
Layer C	Mastic	Homogeneous		100%	Mastic	**None Detected**
3813600		Black				
		Non-Fibrous				
		Tightly Bound				
25449-FA-19	Cove Base	Homogeneous		100%	Vinyl	**None Detected**
Layer A		Brown				
3813601		Non-Fibrous				
		Tightly Bound				
Layer B	Adhesive	Homogeneous		100%	Mastic	**None Detected**
3813601		Tan				
		Non-Fibrous				
		Tightly Bound				
25449-FA-20	Cove Base W/ Tan	Homogeneous		2%	Mastic	**None Detected**
3813602	Adhesive	Brown		98%	Vinyl	
		Non-Fibrous				
		Tightly Bound				

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ASBESTOS BULK ANALYSIS
By: Polarized Light Microscopy

Client: Zimmetry Environmental Mgmt Corp.
P.O. Box 3545
Bayamon, PR 958

Lab Code: 698824-1
Date Received: 10/20/25
Date Analyzed: 10/23/25
Date Reported: 10/27/25

Project: Fort Allen Various Building

Method: ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
25449-FA-21 Layer A 3813603	Tar	Homogeneous Black Non-Fibrous Tightly Bound			100%	Tar	**None Detected**
Layer B 3813603	Tar	Homogeneous Black Non-Fibrous Tightly Bound	10%	Cellulose	90%	Tar	**None Detected**
25449-FA-22 Layer A 3813604	Tar	Homogeneous Black Non-Fibrous Tightly Bound			100%	Tar	**None Detected**
Layer B 3813604	Tar	Homogeneous Black Non-Fibrous Tightly Bound	10%	Cellulose	90%	Tar	**None Detected**
25449-FA-23 Layer A 3813605	Floor Tile	Homogeneous Gray Non-Fibrous Tightly Bound			40% 50%	Gravel Binder	**Chrysotile 10%**
Layer B 3813605	Mastic	Homogeneous Black Non-Fibrous Tightly Bound			100%	Mastic	**None Detected**

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ASBESTOS BULK ANALYSIS
By: Polarized Light Microscopy

Client: Zimmetry Environmental Mgmt Corp.
P.O. Box 3545
Bayamon, PR 958

Lab Code: 698824-1
Date Received: 10/20/25
Date Analyzed: 10/23/25
Date Reported: 10/27/25

Project: Fort Allen Various Building

Method: ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	Non-Fibrous		ASBESTOS %
25449-FA-24	Floor Tile	Homogeneous		40%	Gravel	**Chrysotile 10%**
Layer A		Gray		50%	Binder	
3813606		Non-Fibrous				
		Tightly Bound				
Layer B	Mastic	Homogeneous		100%	Mastic	**None Detected**
3813606		Black				
		Non-Fibrous				
		Tightly Bound				
Layer C	Compound	Homogeneous		100%	Binder	**None Detected**
3813606		Gray				
		Non-Fibrous				
		Bound				
25449-FA-25	Floor Tile	Homogeneous		40%	Gravel	**Chrysotile 3%**
Layer A		Gray		57%	Binder	
3813607		Non-Fibrous				
		Tightly Bound				
Layer B	Mastic	Homogeneous		100%	Mastic	**None Detected**
3813607		Black				
		Non-Fibrous				
		Tightly Bound				
25449-FA-26	Floor Tile	Homogeneous		40%	Gravel	**Chrysotile 3%**
Layer A		Gray		57%	Binder	
3813608		Non-Fibrous				
		Tightly Bound				
Layer B	Mastic	Homogeneous		100%	Mastic	**None Detected**
3813608		Black				
		Non-Fibrous				
		Tightly Bound				

ASBESTOS BULK ANALYSIS
By: Polarized Light Microscopy

Client: Zimmetry Environmental Mgmt Corp.
P.O. Box 3545
Bayamon, PR 958

Lab Code: 698824-1
Date Received: 10/20/25
Date Analyzed: 10/23/25
Date Reported: 10/27/25

Project: Fort Allen Various Building

Method: ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
25449-FA-27 Layer A 3813609	Mastic	Homogeneous Black Non-Fibrous Tightly Bound			100%	Mastic	**None Detected**
Layer B 3813609	Compound	Homogeneous Cream Non-Fibrous Loosely Bound			100%	Binder	**None Detected**
25449-FA-28 Layer A 3813610	Mastic	Homogeneous Black Non-Fibrous Tightly Bound			100%	Mastic	**None Detected**
Layer B 3813610	Adhesive	Homogeneous Brown Non-Fibrous Tightly Bound			100%	Mastic	**None Detected**
25449-FA-29 3813611	Glazing W/ White Paint	Homogeneous Cream Fibrous Tightly Bound	3% 7%	Cellulose Synthetics	10% 77%	Paint Binder	**Chrysotile 3%**
25449-FA-30 3813612	Glazing W/ White Paint	Homogeneous Cream Fibrous Tightly Bound	3% 7%	Cellulose Synthetics	10% 77%	Paint Binder	**Chrysotile 3%**

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ASBESTOS BULK ANALYSIS
By: Polarized Light Microscopy

Client: Zimmetry Environmental Mgmt Corp.
P.O. Box 3545
Bayamon, PR 958

Lab Code: 698824-1
Date Received: 10/20/25
Date Analyzed: 10/23/25
Date Reported: 10/27/25

Project: Fort Allen Various Building

Method: ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
25449-FA-31	Tar	Homogeneous			98%	Tar	**None Detected**
Layer A		Black			2%	Gravel	
3813613		Non-Fibrous					
		Tightly Bound					
Layer B	Tar	Homogeneous	15%	Cellulose	85%	Tar	**None Detected**
3813613		Black					
		Fibrous					
		Tightly Bound					
25449-FA-32	Tar	Homogeneous			98%	Tar	**None Detected**
Layer A		Black			2%	Gravel	
3813614		Non-Fibrous					
		Tightly Bound					
Layer B	Tar	Homogeneous	15%	Cellulose	85%	Tar	**None Detected**
3813614		Black					
		Fibrous					
		Tightly Bound					

LEGEND:

Non-Anth = Non-Asbestiform Anthophyllite
Non-Trem = Non-Asbestiform Tremolite
Calc Carb = Calcium Carbonate

METHOD: EPA 600 / R93 / 116 and EPA 40 CFR Appendix E to Subpart E of Part 763

REPORTING LIMIT: 1% by calibrated visual estimation

REGULATORY LIMIT: 1%

Due to the limitations of the EPA 600 / R93 / 116 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation. Estimated measurement of uncertainty is available on request.

Eurofins Built Environment Testing East, LLC makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins Built Environment Testing East, LLC. Samples were received in acceptable condition unless otherwise noted. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

Information provided by customer includes customer sample ID and sample description.

Yelena Khanina
Analyst

DATA QA:

Kiet Nguyen
10/24/2025

APPROVED BY:

Dana Till,
QA Manager

eurofins | Built Environment Testing

RES Job #: 698824

SUBMITTED BY		INVOICE TO		CONTACT INFORMATION		SERIES
Company:	Zimmetry Environmental Mgmt Corp.	Company:	Zimmetry Environmental Mgmt Corp.	Contact:	Andres Pagan	-1 PLM Standard
Address:	P.O. Box 3545	Address:	P.O. Box 3545	Phone:	(787) 995-0005	
	Bayamon, PR 958		Bayamon, PR 958	Fax:		
				Cell:		
Project Number and/or P.O. #:	Zem-25449	Project Zip Code:		Final Data Deliverable Email Address:		
Project Description/Location:	Fort Allen Various Building			apagan@zimmetry.com (+ 5 ADDNL. CONTACTS)		

ASBESTOS LABORATORY

PLM / PCM / TEM / NYS DTL RUSH PRIORITY STANDARD

CHEMISTRY LABORATORY

Dust RUSH PRIORITY STANDARD

Metals RUSH PRIORITY STANDARD *PRIOR NOTICE REQUIRED FOR SAME DAY TAT

Organics* SAME DAY RUSH PRIORITY STANDARD

MICROBIOLOGY LABORATORY

Viable Analysis** PRIORITY STANDARD

**TAT DEPENDENT ON SPEED OF MICROBIAL GROWTH

Medical Device Analysis RUSH STANDARD

Mold Analysis RUSH PRIORITY STANDARD

****Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.****

Special Instructions:

REQUESTED ANALYSIS

VALID MATRIX CODES

Air = A | Bulk = B
Dust = D | Food = F
Paint = P | Soil = S
Surface = SU | Swab = SW
Tape = T | Wipe = W
Drinking Water = DW
Waste Water = WW
ASTM E1792 approved wipe media only

Client Sample ID Number (Sample ID's must be unique)	ASBESTOS: PLM - PLM Short Report (EPA/600/R-93/116)	ASBESTOS: TEM	ASBESTOS: PCM	ASBESTOS: NYS	CHEMISTRY: DUST	CHEMISTRY: METALS	CHEMISTRY: ORGANICS	MICROBIOLOGY: VIABLES	MICROBIOLOGY: MEDICAL	MICROBIOLOGY: MOLD	ICO	Sample Volume (L) / Area	Sample Temperature (°C)	Length(or Aliquots) x Width(or Area/Aliquot)	Matrix Code	# of Containers	Date Collected mm/dd/yy	Time Collected hh:mm	Laboratory Analysis Instructions
1 25449-FA-13	X														B		10/14/25	00:00	
2 25449-FA-14	X														B		10/14/25	00:00	
3 25449-FA-15	X														B		10/14/25	00:00	
4 25449-FA-16	X														B		10/14/25	00:00	
5 25449-FA-17	X														B		10/14/25	00:00	
6 25449-FA-18	X														B		10/14/25	00:00	
7 25449-FA-19	X														B		10/14/25	00:00	
8 25449-FA-20	X														B		10/14/25	00:00	
9 25449-FA-21	X														B		10/14/25	00:00	
10 25449-FA-22	X														B		10/14/25	00:00	
11 25449-FA-23	X														B		10/14/25	00:00	
12 25449-FA-24	X														B		10/14/25	00:00	
13 25449-FA-25	X														B		10/14/25	00:00	

Eurofins Built Environment Testing East, LLC establishes a unique Lab Sample ID, for each sample, by preceding each unique Client Sample ID with the laboratory RES Job Number.

Eurofins Built Environment Testing East, LLC will analyze incoming samples based on information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing, client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall consitute an analytical services agreement with payment terms of NET30. Failure to comply with payment terms may result in a 18% APR finance charge.

Relinquished By:		Andres Pagan	Date/Time: 10/15/2025 16:28:50	Sample Condition: Acceptable
Received By:		Kiet Nguyen	Date/Time: 10/20/2025 9:47:23	Carrier: Fed-Ex

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RES Job #: **698824**

Submitted By: **Zimmetry Environmental Mgmt Corp.**

		REQUESTED ANALYSIS											VALID MATRIX CODES							LAB NOTES
													Air = A	Bulk = B						
													Dust = D	Food = F						
													Paint = P	Soil = S						
													Surface = SU	Swab = SW						
													Tape = T	Wipe = W						
													Drinking Water = DW							
													Waste Water = WW							
													ASTM E1792 approved wipe media only							
		PLM - PLM Short Report (EPA/600/R-93/116)	TEM	PCM	NYS	DUST	METALS	ORGANICS	VIABLES	MEDICAL	MOLD	ICO	Sample Volume (L) / Area	Sample Temperature (°C)	Length(or Aliquots) x Width(or Area/Aliquot)	Matrix Code	# of Containers	Date Collected mm/dd/yy	Time Collected hh:mm	Laboratory Analysis Instructions
Client Sample ID Number	(Sample ID's must be unique)	**ASBESTOS**				**CHEMISTRY**			**MICROBIOLOGY**			**ICO**								
14	25449-FA-26	X														B		10/14/25	00:00	
15	25449-FA-27	X														B		10/14/25	00:00	
16	25449-FA-28	X														B		10/14/25	00:00	
17	25449-FA-29	X														B		10/14/25	00:00	
18	25449-FA-30	X														B		10/14/25	00:00	
19	25449-FA-31	X														B		10/14/25	00:00	
20	25449-FA-32	X														B		10/14/25	00:00	

Zimmetry Environmental Mgmt Corp.
Sample Notes

RES #: 698824
Project Number and/or P.O. #: Zem-25449
Project Description/Location: Fort Allen Various Building

Client Sample ID	Sample Note	Quantity	Sampler(s)
25449-FA-13	Cream Vinyl Tile (12x12)		Miguel Peña
25449-FA-14	Cream Vinyl Tile (12x12)		Miguel Peña
25449-FA-15	Roofing Material		Miguel Peña
25449-FA-16	Roofing Material		Miguel Peña
25449-FA-17	Cream Vinyl Tile (12x12)		Miguel Peña
25449-FA-18	Cream Vinyl Tile (12x12)		Miguel Peña
25449-FA-19	Cove Base Adhesive		Miguel Peña
25449-FA-20	Cove Base Adhesive		Miguel Peña
25449-FA-21	Roofing Material		Miguel Peña
25449-FA-22	Roofing Material		Miguel Peña
25449-FA-23	Cream Vinyl Tile (9x9)		Miguel Peña
25449-FA-24	Cream Vinyl Tile (9x9)		Miguel Peña
25449-FA-25	Gray Vinyl Tile (9x9)		Miguel Peña
25449-FA-26	Gray Vinyl Tile (9x9)		Miguel Peña
25449-FA-27	Cove Base Adhesive		Miguel Peña
25449-FA-28	Cove Base Adhesive		Miguel Peña
25449-FA-29	Window Caulking		Miguel Peña
25449-FA-30	Window Caulking		Miguel Peña
25449-FA-31	Roofing Material		Miguel Peña
25449-FA-32	Roofing Material		Miguel Peña

Zimmetry Environmental Mgmt Corp.
Sample Locations

RES #: 698824

Project Number and/or P.O. #: Zem-25449

Project Description/Location: Fort Allen Various Building

Client Sample ID	Sample Location
25449-FA-13	Area 1-2 Building 402
25449-FA-14	Area 1-4 Building 402
25449-FA-15	Area Roof Building 231
25449-FA-16	Area Roof Building 231
25449-FA-17	Area 1-1 Building 133
25449-FA-18	Area 2-1 Building 133
25449-FA-19	Area 2-6 Building 133
25449-FA-20	Area 1-1 Building 133
25449-FA-21	Area Roof 2 Building 133
25449-FA-22	Area Roof 1 Building 133
25449-FA-23	Area 1-1 Building 130
25449-FA-24	Area 2-1 Building 130
25449-FA-25	Area 1-2 Building 130
25449-FA-26	Area 1-2 Building 130
25449-FA-27	Area 1-1 Building 130
25449-FA-28	Area 2-1 Building 130
25449-FA-29	Area 1-1 Building 130
25449-FA-30	Area 1-2 Building 130
25449-FA-31	Area Roof 2 Building 130
25449-FA-32	Area Roof 1 Building 130

APPENDIX C

Photographic Record

ZIMMETRY
ENVIRONMENTAL
& INDUSTRIAL HYGIENE

Photo No. 5801	**Date:** 10/14/2025	
Description: **Bldg. #358, Area 1-1** Asbestos-containing vinyl tiles & associated mastic. ***<u>**In some areas, asbestos-containing vinyl tiles were identified to be located in the lower layer of currently installed asbestos-containing floor vinyl tiles**</u>. Any future construction or renovation should anticipate the presence of these materials if these existing materials are to be removed.		

Photo No. 5802	**Date:** 10/14/2025	
Description: **Bldg. #358, Area 1-1** Asbestos-containing vinyl tiles & associated mastic. ***<u>**In some areas, asbestos-containing vinyl tiles were identified to be located in the lower layer of currently installed asbestos-containing floor vinyl tiles**</u>. Any future construction or renovation should anticipate the presence of these materials if these existing materials are to be removed.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with asbestos.

Photo No. 5803	**Date:** 10/14/2025	
Description: **Bldg. #358, Area 1-13** Asbestos-containing vinyl tiles.		

Photo No. 5804	**Date:** 10/14/2025	
Description: **Bldg. #358, Area 1-13** Asbestos-containing vinyl tiles.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with asbestos.

Photo No. 5812	**Date:** 10/14/2025	
Description: **Bldg. #130, Area 1-1** Asbestos-containing vinyl tiles.		

Photo No. 5813	**Date:** 10/14/2025	
Description: **Bldg. #130, Area 1-2** Asbestos-containing vinyl tiles.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with asbestos.

Photo No. 5816	**Date:** 10/14/2025	
Description: **Bldg. #130, Area 1-2** Asbestos-containing window caulking.		

Photographic Documentation is for reference purposes and doesn't necessarily include all the surfaces with asbestos.

APPENDIX D

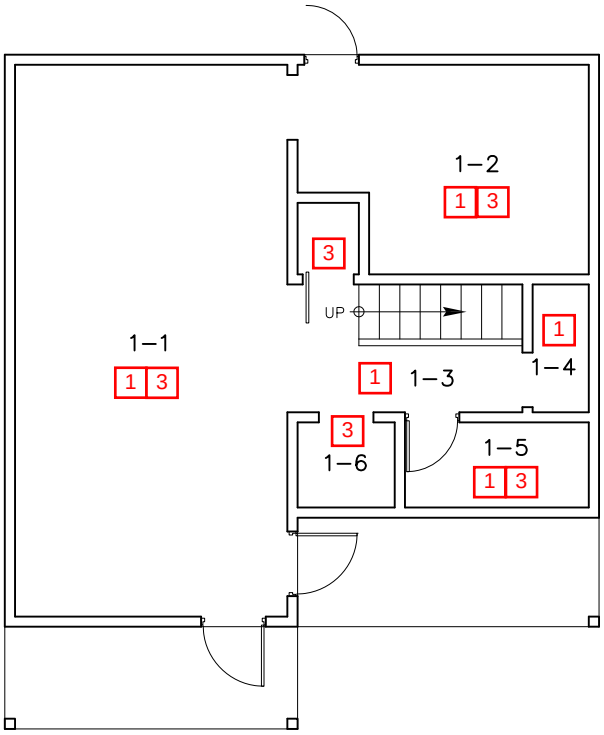
Location of Positive Materials

C

B

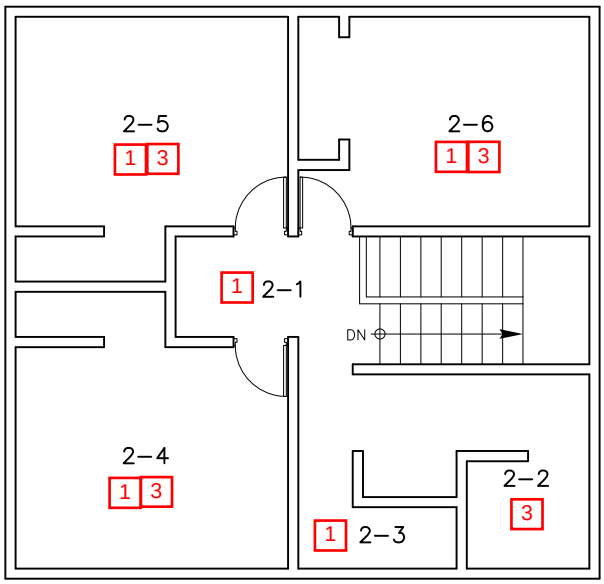
D

A



FIRST FLOOR

NTS



SECOND FLOOR

NTS

Asbestos Legend:

1 Vinyl Tiles

2 Vinyl Tiles & Associated Mastic

3 Window Caulking***

***Asbestos-containing window caulking can be found in all window areas and 1st level doors.

Note:

The layout of materials shown in this figure is for illustrative purposes only. For actual location and quantity of materials refer to the Lead Based Paint survey report.

Zimmetry Environmental

Environmental Building Inspectors

Indoor Environmental Quality / Mold Assessments, Asbestos, Lead Base Paint Consulting – Phone – Fax (787) 995–0005

Project: Building #130 at Fort Allen, Juana Diaz, Puerto rico

Date: November 2025 | Project No. ZEM– 25449

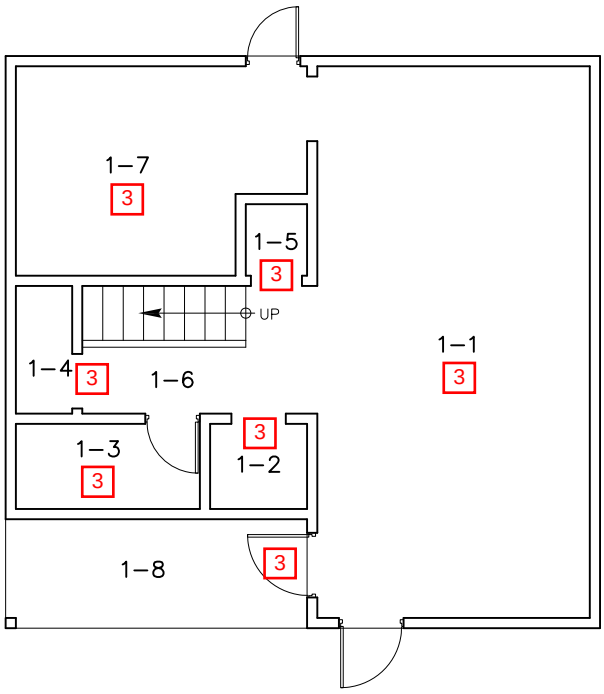
Drawing:

C

B

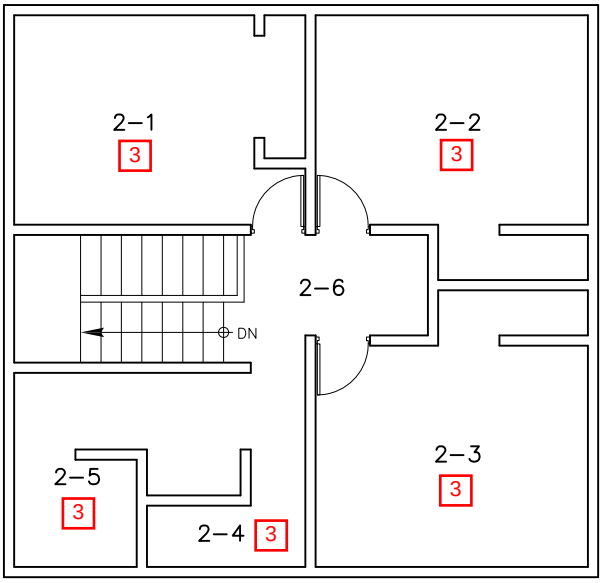
D

A



FIRST FLOOR

NTS



SECOND FLOOR

NTS

Asbestos Legend:

1 Vinyl Tiles

2 Vinyl Tiles & Associated Mastic

3 Window Caulking***

***Asbestos-containing window caulking can be found in all window areas and 1st level doors.

Note:

The layout of materials shown in this figure is for illustrative purposes only. For actual location and quantity of materials refer to the Lead Based Paint survey report.

Zimmetry Environmental

Environmental Building Inspectors

Indoor Environmental Quality / Mold Assessments, Asbestos, Lead Base Paint Consulting – Phone – Fax (787) 995–0005

Project: Building #133 at Fort Allen, Juana Diaz, Puerto rico

Date: November 2025 | Project No. ZEM– 25449

Drawing:

A

D

B

C



Asbestos Legend:

1 Vinyl Tiles

2 Vinyl Tiles & Associated Mastic

3 Window Caulking

Note:

The layout of materials shown in this figure is for illustrative purposes only. For actual location and quantity of materials refer to the Lead Based Paint survey report.

Zimmetry Environmental
Environmental Building Inspectors
Indoor Environmental Quality / Mold Assessments, Asbestos,
Lead Base Paint Consulting – Phone – Fax (787) 995–0005

Project: Bldg. #358 Fort Allen, Juana Diaz, PR

Date: November 2025 | Project No. ZEM– 25449

Drawing: