



514 Hillcrest Industrial Blvd.
Macon, GA 31204
P (478) 757-1606
F (478) 757-1608
Terracon.com

June 27, 2023

Passero Associates
4730 Case Cola Way, Suite 200
St. Augustine, FL 32095

Attn: Mr. Stan Price
P: (478) 262-7750
E: sprice@passero.com

Re: Hazardous Materials Survey Report
Terminal Building (Lowe Aviation)
Middle Georgia Regional Airport
Macon, Georgia
Terracon Project No. HN225215

Dear Mr. Price:

Terracon Company is pleased to submit the attached report for the Terminal Building (Lowe Aviation) to Passero Associates. The purpose of this report is to present the results of a Hazardous Materials Survey performed on May 24, 2023. We understand that this survey was requested due to planned demolition activities within the above referenced building.

Sincerely,
Terracon Consultants, Inc.

Prepared By:

A handwritten signature in black ink, appearing to read "D. Price".

David F. Price
Asbestos Cert # 19311
Environmental Technician IV

Reviewed By:

A handwritten signature in black ink, appearing to read "Tameka Gordon".

Tameka Gordon
Environmental Department Manager

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Hazardous Materials Survey Report

Terminal Building (Lowe's Aviation) ■ Macon, GA
June 27, 2023 ■ Terracon Project No. HN225215



EXECUTIVE SUMMARY

Terracon Consultants, Inc. conducted a Hazardous Materials Survey at the Terminal Building (Lowe's Aviation) located at Middle Georgia Regional Airport, Macon, Georgia. We understand this Hazardous Materials Survey was requested in support of the planned Demolition of the on-site building to satisfy requirements of the United States Environmental Protection Agency (USEPA) 40 Code of Federal Regulations (CFR) Part 61, Subpart M, the National Emission Standards for Hazardous Air Pollutants (NESHAP). Terracon also understands that the intent of the assessment is to assist the client with communicating the presence, location, and quantity of asbestos-containing material (ACM) to employees, vendors, and contractors working in the building in order to meet the requirements of the Occupational Safety and Health Administration (OSHA) communication of hazard requirements found at 29 CFR 1926.1101. The purpose of this survey was to sample and identify suspect ACM and provide information regarding the identity, location, condition, and approximate quantities of ACM in the area surveyed.

The survey was performed on May 24, 2023, in general accordance with the sampling protocols established in USEPA 40 CFR Part 763, Subpart E, known as the Asbestos Hazard Emergency Response Act, (AHERA). Terracon collected 44 bulk samples from 12 homogeneous areas of suspect ACM.

Findings

The areas surveyed included the interior and exterior of the building.

The materials sampled included: beige carpet mastic, joint compound, wallboard, 2' x 4' wormhole ceiling tile, **red 12" x 12" floor tile and associated black mastic**, beige cove mastic, grey HVAC duct mastic, 2' x 2' textured ceiling and grey exterior window caulk.

Table 1 on the Table below provides a summary of identified ACM. Along with the asbestos detections, the asbestos laboratory report, the chain of custody, the inspectors' latest accreditation, a description of the survey methodology, the laboratory's procedures, and laboratory accreditation information can be viewed in the Appendix to this report.

Table 1: Asbestos Containing Materials (>1% Asbestos) and Assumed Materials

Sample ID	Material Description	Sample Location	% and Type Asbestos	Category	Estimated Quantity*
L-5A Layer 2	Red 12X12 Tile Under Floor – black mastic	Utility Closet Hallway	5% Chrysotile	CAT II	672 SF If located under the ceramic tile in lobby area estimated total is 1,672 SF
L-5B Layer 3	Red 12X12 Tile w/black mastic – black mastic	Storage Closet at Stairwell	5% Chrysotile	CAT II	
L-5C Layer 3	Red 12X12 Tile w/black mastic – black mastic	Storage Closet at Stairwell	5% Chrysotile	CAT II	
L-5D Layer 2	12X12 Tile w/black mastic – black mastic	Stairwell	5% Chrysotile	CAT II	
L-5E Layer 2	12X12 Tile w/black mastic – black mastic	Stairwell	5% Chrysotile	CAT II	

SF=square feet, Cat II = All other non-friable ACMs such as caulks, mastic, etc.

Hazardous Materials Survey Report

Terminal Building (Lowes Aviation) ■ Macon, GA

June 27, 2023 ■ Terracon Project No. HN225215



***Estimated quantities** are based on cursory field observations, and actual quantities may vary significantly, especially if ACM are present in hidden and/or inaccessible areas not evaluated as part of this survey.

The ACM listed above may be found in rooms of the structure other than sampled areas listed in the above sample location column. If any asbestos is detected in a sampling group (homogeneous area), all material of this type is considered ACM, even if some sampled locations do not report asbestos. Other sampled materials in sampling groups were reported as non-detect (ND) for asbestos and results can be found in the attached laboratory report.

If additional but un-sampled suspect ACMs are revealed during renovation or demolition activities, the material(s) must be assumed to contain asbestos and treated as such unless sampled by an accredited inspector and laboratory analysis determines otherwise.

Toxicity Characteristic Leaching Procedure (TCLP)

Terracon collected one composite sample from both the Terminal Building (Lowe Aviation) and the Avionics Building. The sample was analyzed for waste characterization for lead content by the Toxicity Characteristic Leaching Procedure (TCLP). The sample was reported to be below laboratory detection limits (BRL); therefore, demolition waste can be disposed as general construction debris at a facility that is permitted to receive such waste.

Reliance

This report is for the exclusive use of Passero Associates for the project being discussed. Reliance by any other party on this report is prohibited without written authorization of Terracon and Passero Associates. Reliance on this report by Passero Associates and all authorized parties will be subject to the terms, conditions, and limitations stated in the proposal, this report, and Terracon Agreement for Services. The limitations of liability defined in Terracon Agreement for Services is the aggregate limit of Terracon's liability to Passero Associates.

1.0 BUILDING DESCRIPTION

The areas surveyed included the interior and exterior of the Terminal Building (Lowe's Aviation).

2.0 FIELD ACTIVITIES

The survey was conducted by Mr. David Price, Georgia certified asbestos inspector. Copies of the asbestos inspector Certificates can be found in Appendix D. A summary of survey activities is provided below.

2.1 Asbestos Containing Materials Survey

2.1.1 Visual Assessment

Survey activities were initiated with visual observation of the Interior of the areas of the building that make up the project site to identify and document homogeneous areas of suspect ACM. A homogeneous area (HA) consists of building materials that appear similar throughout in terms of color and texture with consideration given to the date of application. The assessment was conducted in visually accessible areas of the building proposed for Demolition. Although reasonable effort was made to survey accessible suspect materials, additional suspect but un-sampled materials could be located in walls, in voids, or in other concealed areas.

2.1.2 Physical Assessment

A physical assessment of each HA of suspect ACM was conducted to assess the friability and condition of the materials. A friable material is defined by the USEPA as a material which can be crumbled, pulverized, or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

2.1.3 Sample Collection

Based on results of the visual observation, 44 bulk samples of suspect ACM were collected in general accordance with the sampling protocols outlined in 40 CFR Part 763, Subpart E. Samples of suspect materials were collected from randomly selected locations in each HA. Bulk samples were collected using wet methods, as applicable, to reduce the potential for fiber release. Samples were placed in sealable containers and labeled with unique sample numbers using an indelible marker.

The selection of sample locations and frequency of sampling were based on Terracon's observations and the assumption that like materials in the same area are homogeneous in content.

Terracon collected 44 bulk samples from 12 homogeneous areas of suspect ACM. A summary of suspect ACM samples collected during the survey are included as Appendix A.

2.1.4 Sample Analysis

Bulk samples were submitted under chain of custody (COC) to Analytical Environmental Services, Inc. (AES) of Atlanta, Georgia for analysis by polarized light microscopy (PLM) with dispersion staining

Hazardous Materials Survey Report

Terminal Building (Lowe Aviation) ■ Macon, GA
June 27, 2023 ■ Terracon Project No. HN225215



techniques in accordance with methodology approved by the USEPA, Method for the Determination of Asbestos in Bulk Building Materials number 600/R-93/116. The percentage of asbestos, where applicable, was determined by microscopic visual estimation. AES is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP) Accreditation No. E87582. The laboratory analytical report and COC are provided in Appendix B.

When the laboratory identifies discrete layers within a sample, each layer is treated as a separate material and analyzed individually. When joint compound and/or tape is applied to wallboard it becomes an integral part of the wallboard and in effect becomes one material forming a wall system (i.e. drywall system). If the analysis shows an asbestos content of greater than one percent and at least 160 square feet of the wall system is involved in the demolition or renovation activities (whether planned or unplanned, during a calendar year), then the activities would be subject to the asbestos NESHAP regulation.



NESHAP requires that any analytical detection of asbestos by PLM less than 10% must be assumed to contain greater than 1% unless analysis by PLM Point Count proves that the samples contained less than or equal to 1% asbestos.

In addition to the asbestos survey Terracon collected one composite sample from both the Terminal Building (Lowe Aviation) and the Avionics Building. The sample was analyzed for waste characterization for lead content by the Toxicity Characteristic Leaching Procedure (TCLP). The sample was reported to be below laboratory detection limits (BRL), therefore, demolition waste can be disposed as general construction debris at a facility that is permitted to receive such waste.

3.0 LIMITATIONS/GENERAL COMMENTS

Terracon did not perform sampling which required demolition or destructive activities such as knocking holes in walls, dismantling of equipment, or removal of protective coverings. Reasonable efforts to access suspect materials within known areas of restricted access were made. Sampling did not include suspect materials which could not be safely reached with available ladders/man-lifts.

This Hazardous Materials Survey was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the same locale. The results, findings, conclusions, and recommendations expressed in this report are based on conditions observed during our survey of the Terminal Bldg. (Lowe Aviation). The information contained in this report is relevant to the dates on which this survey was performed and should not be relied upon to represent conditions at a later date. This report has been prepared on behalf of and exclusively for use by Passero Associates for specific application to their project as discussed. This report is not a bidding document. Contractors or consultants reviewing this report must draw their own conclusions regarding further investigation or remediation deemed necessary. Terracon does not warrant the work of regulatory agencies, laboratories, or other third parties supplying information which may have been used in the preparation of this report. No warranty, express or implied is made.

Site Photographs	Remarks
	<p>General view of the asbestos containing floor tile (Black Mastic) under ceramic tile hallway.</p>
	<p>General view of the asbestos containing floor tile (Black Mastic) in storage closet under stairway</p>

APPENDIX A

ASBESTOS/TCLP RESULTS

**CHAIN OF CUSTODY
 BULK ASBESTOS ANALYSIS**

Client Name: Terracon
 Address: 514 Hillcrest Industrial Blvd
 City, State, Zip: Macon, GA 31204
 Contact: T. Gordon, D. Price, J. Cannon
 Sampler's Name: D. Price
 Report To: All
 Report to Email: All

Project Name: New Corporate GA Terminal (low)
 Project Number: HN225215
 Sampling Date: 5-24-23
 Phone #: 478-757-1606
 Invoice To Name(s):
 Invoice To Email(s):
 PO #:

Sample ID	Sample Location/Description	Analysis Requested	Turnaround Time (TAT)	Comments
1	L-1A beige carpet mastic front lounge	PLM	STD	
2	L-2A joint compound utility closet			
3	L-3A wallboard utility closet			
4	L-2B joint compound from utility			
5	L-4A 2x4 worm hole ceiling pilot lounge			
6	L-4B / closet			
7	L-5A red 12x12 tile under floor utility			First floor
8	L-6A beige cove mastic pilot lounge			
9	L-7A carpet mastic pilot lounge			
10	8A 2x4 JC			
11	L-4C 4C 2x4 worm hole ceiling pilot lounge			
12	L-7B carpet mastic office next to lounge			
13	L-6B beige cove mastic upstairs office			2 floor
14	L-6C beige cove mastic upstairs hall			2 floor
15	L-5B red 12x12 tile w/ black mastic			first floor
16	L-5E red 12x12 tile w/ black mastic			first floor
17	L-2BB JC in hallway downstairs			
18	L-2C JC in hall downstairs			
19	L-8A red 12x12 tile in stairwell			
20	L-8B /			

Relinquished by: Jared Cannon
 Received by: [Signature]
 Relinquished by: [Signature]
 Received by: _____

Date/Time: 5-26-23 0826
 Date/Time: 5-26 1037
 Date/Time: 5-26 310
 Date/Time: _____

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Client assumes sole responsibility for damage or loss of samples before we accept them. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT.

Asbestos COC7.15.19

Lab Recipient: LEILA DYE FOR LAB USE ONLY Date/Time: 5.26.23 15:10 Method of Shipment: COURIER

**CHAIN OF CUSTODY
BULK ASBESTOS ANALYSIS**

Client Name: Terracon Project Name: New Corporate GA Terminal (Low)
 Address: 514 Hillcrest Industrial Boulevard Project Number: HN225215
 City, State, Zip: Macon, GA 31204 Sampling Date: 5-24-23
 Contact: T. Gordon, D. Price, J. Cannon Phone #: 478-757-1606
 Sampler's Name: D. Price Invoice To Name(s): _____
 Report To: All Invoice To Email(s): _____
 Report to Email: All PO #: _____

Sample ID	Sample Location/Description	Analysis Requested	Turnaround Time (TAT)	Comments		
1	L-8C red 12x12 floor tile stairwell	PLM	STD			
2	L-9A beige 12x12 floor tile upstairs hall	↓	↓			
3	L-9B /					
4	L-9C /					
5	L-10A grey HVAC duct mastic upstairs					
6	L-10B /					
7	L-10C /					
8	L-7C carpet mastic upstairs office					
9	L-2D joint compound hallway					
10	L-2E /					
11	L-2F /					
12	L-2G joint compound upstairs hall					
13	L-3B wallboard upstairs hall					
14	L-3C /					
15	L-5D 12x12 floor tile, w/black mastic					
16	L-5E /					
17	L-11A 2x2 textured ceiling upstairs					
18	L-11B /					
19	L-11C /					
20	L-12A gray exterior window caulk			↓	↓	

Relinquished by: Jared Cannon Date/Time: 5-26-23 0826
 Received by: [Signature] Date/Time: 5-26 1037
 Relinquished by: [Signature] Date/Time: 5-26 310
 Received by: _____ Date/Time: _____

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Client assumes sole responsibility for damage or loss of samples before we accept them. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT.

Asbestos COC7.15.19

FOR LAB USE ONLY

Lab Recipient: _____ Date/Time: _____ Method of Shipment: _____

**CHAIN OF CUSTODY
BULK ASBESTOS ANALYSIS**

Client Name: Terracon
 Address: 514 Millcrest Industrial Blvd
 City, State, Zip: Macon, GA 31204
 Contact: T. Gordon, D. Price, J. Cannon
 Sampler's Name: D. Price
 Report To: All
 Report to Email: All

Project Name: New Corporate GA Terminal (Low)
 Project Number: HN225215
 Sampling Date: 5-24-23
 Phone #: 478-757-1606
 Invoice To Name(s): _____
 Invoice To Email(s): _____
 PO #: _____

Sample ID	Sample Location/Description	Analysis Requested	Turnaround Time (TAT)	Comments
1	L-12B grey exterior window caulk	PLM	STD	
2	L-12C	↓	↓	
3	L-12D	↓	↓	
4	L-12E	↓	↓	
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Relinquished by: Jared Cannon
 Received by: _____
 Relinquished by: _____
 Received by: _____

Date/Time: 5-26-23 0826
 Date/Time: 5-26 1057
 Date/Time: 5-26 210
 Date/Time: _____

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Client assumes sole responsibility for damage or loss of samples before we accept them. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT.

Asbestos COC7.15.19

FOR LAB USE ONLY

Lab Recipient: _____ Date/Time: _____ Method of Shipment: _____



3080 Presidential Drive
Atlanta, GA 30340
Tel : (770) 457-8177
Fax: (770) 457-8188

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

Bulk Sample Summary Report



Report Date: 6-Jun-23

Client Name: Terracon	AES Job Number: 2305Y57
Project Name: New Corporate GA Terminal (Lowe)	Project Number: HN225215

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
L-1A Layer: 1	2305Y57-001A	Beige Carpet Mastic Front Lounge	ND	ND	ND	ND	ND	ND	
L-2A Layer: 1	2305Y57-002A	Joint Compound Utility Closet	ND	ND	ND	ND	ND	ND	Paint included as binder
L-3A Layer: 1	2305Y57-003A	Wallboard Utility Closet	ND	ND	ND	ND	ND	ND	
L-3A Layer: 2	2305Y57-003A	Wallboard Utility Closet	ND	ND	ND	ND	ND	ND	
L-2B Layer: 1	2305Y57-004A	Joint Compound From Utility	ND	ND	ND	ND	ND	ND	Paint included as binder
L-4A Layer: 1	2305Y57-005A	2X4 Worm Hole Ceiling Pilot Lounge Closet	ND	ND	ND	ND	ND	ND	Paint included as binder

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite
For comments on the samples, see the individual analysis sheets.
ND = None Detected

AES, Inc. is accredited by NIST's National Voluntary Laboratory Accreditation Program (NVLAP) for Polarized Light Microscopy (PLM) analysis, Lab Code 102082-0. All analyses performed in accordance with EPA "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" (EPA 600/M4-82-020), 1982 as found in 40 CFR, Part 763, Appendix E to Subpart E and "Method for the Determination of Asbestos in Bulk Building Materials" (EPA/600/R-93/116), 1993.
These test results apply only to those samples actually tested, as submitted by the client. All percentages are reported by visually estimated volume. PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials, quantitative TEM is currently the only method that can be used to determine conclusive asbestos content. Interpretation and use of test results are the client's responsibility. Laboratory liability is limited to the cost of analysis. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP or any agency of the Federal Government.
This report must not be reproduced except in full without written approval of Analytical Environmental Services, Inc

Microanalyst:

Penka Topuzova

QC Analyst:

Yelena Khanina



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Atlanta, GA 30340
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Fax: (770) 457-8188

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

Bulk Sample Summary Report



Report Date: 6-Jun-23

Client Name: Terracon	AES Job Number: 2305Y57
Project Name: New Corporate GA Terminal (Lowe)	Project Number: HN225215

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
L-4B Layer: 1	2305Y57-006A	2X4 Worm Hole Ceiling Pilot Lounge Closet	ND	ND	ND	ND	ND	ND	
L-5A Layer: 1	2305Y57-007A	Red 12X12 Tile Under Floor Utility	ND	ND	ND	ND	ND	ND	Floor tile
L-5A Layer: 2	2305Y57-007A	Red 12X12 Tile Under Floor Utility	5	ND	ND	ND	ND	ND	Black mastic
L-6A Layer: 1	2305Y57-008A	Beige Cove Mastic Pilot Lounge	ND	ND	ND	ND	ND	ND	
L-7A Layer: 1	2305Y57-009A	Carpet Mastic Pilot Lounge	ND	ND	ND	ND	ND	ND	
L-4C Layer: 1	2305Y57-010A	2X4 Worm Hole Ceiling Pilot Lounge	ND	ND	ND	ND	ND	ND	Paint included as binder

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite
For comments on the samples, see the individual analysis sheets.
ND = None Detected

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Microanalyst:

Penka Topuzova

QC Analyst:

Yelena Khanina



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Bulk Sample Summary Report



Report Date: 6-Jun-23

Client Name: Terracon	AES Job Number: 2305Y57
Project Name: New Corporate GA Terminal (Lowe)	Project Number: HN225215

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
L-7B Layer: 1	2305Y57-011A	Carpet Mastic Office Next To Lounge	ND	ND	ND	ND	ND	ND	
L-6B Layer: 1	2305Y57-012A	Beige Cove Mastic Upstair Office	ND	ND	ND	ND	ND	ND	
L-6C Layer: 1	2305Y57-013A	Beige Cove Mastic Upstairs Hall	ND	ND	ND	ND	ND	ND	
L-5B Layer: 1	2305Y57-014A	Red 12X12 Tile W/Black Mastic	ND	ND	ND	ND	ND	ND	Glue
L-5B Layer: 2	2305Y57-014A	Red 12X12 Tile W/Black Mastic	ND	ND	ND	ND	ND	ND	Floor tile
L-5B Layer: 3	2305Y57-014A	Red 12X12 Tile W/Black Mastic	5	ND	ND	ND	ND	ND	Black mastic

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite
For comments on the samples, see the individual analysis sheets.
ND = None Detected

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Report Date: 6-Jun-23

Client Name: Terracon	AES Job Number: 2305Y57
Project Name: New Corporate GA Terminal (Lowe)	Project Number: HN225215

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
L-5C Layer: 1	2305Y57-015A	Red 12X12 Tile W/Black Mastic	ND	ND	ND	ND	ND	ND	Glue
L-5C Layer: 2	2305Y57-015A	Red 12X12 Tile W/Black Mastic	ND	ND	ND	ND	ND	ND	Floor tile
L-5C Layer: 3	2305Y57-015A	Red 12X12 Tile W/Black Mastic	5	ND	ND	ND	ND	ND	Black mastic
L-2BB Layer: 1	2305Y57-016A	JC In Hallway Downstairs	ND	ND	ND	ND	ND	ND	
L-2C Layer: 1	2305Y57-017A	JC In Hall Downstairs	ND	ND	ND	ND	ND	ND	
L-8A Layer: 1	2305Y57-018A	Red 12X12 Tile In Stairwell	ND	ND	ND	ND	ND	ND	Floor tile

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite
For comments on the samples, see the individual analysis sheets.
ND = None Detected

AES, Inc. is accredited by NIST's National Voluntary Laboratory Accreditation Program (NVLAP) for Polarized Light Microscopy (PLM) analysis, Lab Code 102082-0. All analyses performed in accordance with EPA "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" (EPA 600/M4-82-020), 1982 as found in 40 CFR, Part 763, Appendix E to Subpart E and "Method for the Determination of Asbestos in Bulk Building Materials" (EPA/600/R-93/116), 1993.
These test results apply only to those samples actually tested, as submitted by the client. All percentages are reported by visually estimated volume. PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials, quantitative TEM is currently the only method that can be used to determine conclusive asbestos content. Interpretation and use of test results are the client's responsibility. Laboratory liability is limited to the cost of analysis. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP or any agency of the Federal Government.
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Bulk Sample Summary Report



Report Date: 6-Jun-23

Client Name: Terracon	AES Job Number: 2305Y57
Project Name: New Corporate GA Terminal (Lowe)	Project Number: HN225215

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
L-8B Layer: 1	2305Y57-019A	Red 12X12 Tile In Stairwell	ND	ND	ND	ND	ND	ND	Floor tile
L-8C Layer: 1	2305Y57-020A	Red 12X12 Floor Tile Stairwell	ND	ND	ND	ND	ND	ND	Floor tile
L-9A Layer: 1	2305Y57-021A	Beige 12X12 Floor Tile Upstairs Hall	ND	ND	ND	ND	ND	ND	Floor tile
L-9A Layer: 2	2305Y57-021A	Beige 12X12 Floor Tile Upstairs Hall	ND	ND	ND	ND	ND	ND	Glue
L-9B Layer: 1	2305Y57-022A	Beige 12X12 Floor Tile Upstairs Hall	ND	ND	ND	ND	ND	ND	Floor tile
L-9B Layer: 2	2305Y57-022A	Beige 12X12 Floor Tile Upstairs Hall	ND	ND	ND	ND	ND	ND	Glue

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite
For comments on the samples, see the individual analysis sheets.
ND = None Detected

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This report must not be reproduced except in full without written approval of Analytical Environmental Services, Inc

Microanalyst:

Penka Topuzova

QC Analyst:

Yelena Khanina



3080 Presidential Drive
Atlanta, GA 30340
Tel : (770) 457-8177
Fax: (770) 457-8188

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

Bulk Sample Summary Report



Report Date: 6-Jun-23

Client Name: Terracon	AES Job Number: 2305Y57
Project Name: New Corporate GA Terminal (Lowe)	Project Number: HN225215

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
L-9C Layer: 1	2305Y57 -023A	Beige 12X12 Floor Tile Upstairs Hall	ND	ND	ND	ND	ND	ND	Floor tile
L-9C Layer: 2	2305Y57 -023A	Beige 12X12 Floor Tile Upstairs Hall	ND	ND	ND	ND	ND	ND	Glue
L-10A Layer: 1	2305Y57 -024A	Grey HVAC Duct Mastic Upstairs	ND	ND	ND	ND	ND	ND	
L-10B Layer: 1	2305Y57 -025A	Grey HVAC Duct Mastic Upstairs	ND	ND	ND	ND	ND	ND	
L-10C Layer: 1	2305Y57 -026A	Grey HVAC Duct Mastic Upstairs	ND	ND	ND	ND	ND	ND	
L-7C Layer: 1	2305Y57 -027A	Carpet Mastic Upstairs Office	ND	ND	ND	ND	ND	ND	

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite
For comments on the samples, see the individual analysis sheets.
ND = None Detected

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ANALYTICAL ENVIRONMENTAL SERVICES, INC.

Bulk Sample Summary Report



Report Date: 6-Jun-23

Client Name: Terracon	AES Job Number: 2305Y57
Project Name: New Corporate GA Terminal (Lowe)	Project Number: HN225215

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
L-2D Layer: 1	2305Y57-028A	Joint Compound Hallway	ND	ND	ND	ND	ND	ND	Paint included as binder
L-2E Layer: 1	2305Y57-029A	Joint Compound Hallway	ND	ND	ND	ND	ND	ND	Paint included as binder
L-2F Layer: 1	2305Y57-030A	Joint Compound Hallway	ND	ND	ND	ND	ND	ND	Paint included as binder
L-2G Layer: 1	2305Y57-031A	Joint Compound Upstairs Hall	ND	ND	ND	ND	ND	ND	Paint included as binder
L-3B Layer: 1	2305Y57-032A	Wallboard Upstairs Hall	ND	ND	ND	ND	ND	ND	
L-3B Layer: 2	2305Y57-032A	Wallboard Upstairs Hall	ND	ND	ND	ND	ND	ND	

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite
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ND = None Detected

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ANALYTICAL ENVIRONMENTAL SERVICES, INC.

Bulk Sample Summary Report



Report Date: 6-Jun-23

Client Name: Terracon	AES Job Number: 2305Y57
Project Name: New Corporate GA Terminal (Lowe)	Project Number: HN225215

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
L-3C Layer: 1	2305Y57 -033A	Wallboard Upstairs Hall	ND	ND	ND	ND	ND	ND	
L-3C Layer: 2	2305Y57 -033A	Wallboard Upstairs Hall	ND	ND	ND	ND	ND	ND	
L-5D Layer: 1	2305Y57 -034A	12X12 Floor Tile W/Black Mastic	ND	ND	ND	ND	ND	ND	Floor tile
L-5D Layer: 2	2305Y57 -034A	12X12 Floor Tile W/Black Mastic	5	ND	ND	ND	ND	ND	Black mastic
L-5D Layer: 3	2305Y57 -034A	12X12 Floor Tile W/Black Mastic	ND	ND	ND	ND	ND	ND	Wood
L-5D Layer: 4	2305Y57 -034A	12X12 Floor Tile W/Black Mastic	ND	ND	ND	ND	ND	ND	Joint compound. Paint included as binder

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite
For comments on the samples, see the individual analysis sheets.
ND = None Detected

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ANALYTICAL ENVIRONMENTAL SERVICES, INC.

Bulk Sample Summary Report



Report Date: 6-Jun-23

Client Name: Terracon	AES Job Number: 2305Y57
Project Name: New Corporate GA Terminal (Lowe)	Project Number: HN225215

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
L-5E Layer: 1	2305Y57 -035A	12X12 Floor Tile W/Black Mastic	ND	ND	ND	ND	ND	ND	Floor tile
L-5E Layer: 2	2305Y57 -035A	12X12 Floor Tile W/Black Mastic	5	ND	ND	ND	ND	ND	Black mastic
L-11A Layer: 1	2305Y57 -036A	2X2 Textured Ceiling Upstairs	ND	ND	ND	ND	ND	ND	Paint included as binder
L-11A Layer: 2	2305Y57 -036A	2X2 Textured Ceiling Upstairs	ND	ND	ND	ND	ND	ND	
L-11B Layer: 1	2305Y57 -037A	2X2 Textured Ceiling Upstairs	ND	ND	ND	ND	ND	ND	Paint included as binder
L-11B Layer: 2	2305Y57 -037A	2X2 Textured Ceiling Upstairs	ND	ND	ND	ND	ND	ND	

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite
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ND = None Detected

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Atlanta, GA 30340
Tel : (770) 457-8177
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ANALYTICAL ENVIRONMENTAL SERVICES, INC.

Bulk Sample Summary Report



Report Date: 6-Jun-23

Client Name: Terracon	AES Job Number: 2305Y57
Project Name: New Corporate GA Terminal (Lowe)	Project Number: HN225215

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
L-11C Layer: 1	2305Y57-038A	2X2 Textured Ceiling Upstairs	ND	ND	ND	ND	ND	ND	Paint included as binder
L-11C Layer: 2	2305Y57-038A	2X2 Textured Ceiling Upstairs	ND	ND	ND	ND	ND	ND	
L-12A Layer: 1	2305Y57-039A	Gray Exterior Window Caulk	ND	ND	ND	ND	ND	ND	
L-12B Layer: 1	2305Y57-040A	Grey Exterior Window Caulk	ND	ND	ND	ND	ND	ND	
L-12C Layer: 1	2305Y57-041A	Grey Exterior Window Caulk	ND	ND	ND	ND	ND	ND	
L-12D Layer: 1	2305Y57-042A	Grey Exterior Window Caulk	ND	ND	ND	ND	ND	ND	

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ND = None Detected

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Microanalyst:

Penka Topuzova

QC Analyst:

Yelena Khanina



Report Date: 6-Jun-23

Bulk Sample Summary Report

Client Name: Terracon	AES Job Number: 2305Y57
Project Name: New Corporate GA Terminal (Lowe)	Project Number: HN225215

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
L-12E Layer: 1	2305Y57 -043A	Grey Exterior Window Caulk	ND	ND	ND	ND	ND	ND	

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite
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 ND = None Detected

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Microanalyst:

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QC Analyst:

Yelena Khanina

End of Report



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

June 02, 2023

David Price
Terracon

514 Hillcrest Ind. Blvd
Macon GA 31204

RE: New Terminal Bldg

Dear David Price:

Order No: 2305X74

Analytical Environmental Services, Inc. received 1 samples on May 26, 2023 3:10 pm
for the analyses presented in following report.

"No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits.

AES's accreditations are as follows:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/22-06/30/23.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/23 and Total Coliforms/ E. coli, effective 04/25/23-04/24/24.

-AIHA LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Metals and PCM Asbestos), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/23.

These results relate only to the items tested as received. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Chris Pafford
Project Manager



CHAIN OF CUSTODY

3080 Presidential Drive Atlanta, GA 30340-3704
 Phone: (770) 457-8177 / Toll-Free: (800) 972-4889 / Fax: (770) 457-8188

COMPANY: Terracon		ADDRESS: 574 Hillcrest Industrial Macon, GA 31204		ANALYSIS REQUESTED		Visit our website www.aesatlanta.com for downloadable COCs and to log in to your AESAccess account.	Number of Containers
PHONE:		EMAIL:		PRESERVATION (see codes)			
SAMPLED BY: Dan O'Neil		SIGNATURE: <i>[Signature]</i>		MATRIX (see codes)		REMARKS	
#	SAMPLE ID	DATE	TIME	GRAB	COMPOSITE	MATRIX	
1	Nastesbran	5-26-23			✓	Other	
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
RECEIVED BY: <i>[Signature]</i>		DATE/TIME: 5-26-23 1030		RECEIVED BY: <i>[Signature]</i>		DATE/TIME: 5-26-23 1510	
1. PROJECT NAME: New Terminal Bldg		PROJECT #: 44225215		SITE ADDRESS:		PROJECT INFORMATION	
2. SEND REPORT TO: <i>[Signature]</i>		INVOICE TO (IF DIFFERENT FROM ABOVE):		QUOTE #:		PO#:	
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT METHOD OUT: / / VIA: IN: / / VIA:		client FedEx UPS US mail other:		Total # of Containers	

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Client assumes sole responsibility for damage or loss of samples before we accept them. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arrangements are made.

Matrix Codes: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water ST = Stormwater WW = Waste Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

Preservative Codes: H+I = Hydrochloric acid + Ice I = Ice only N = Nitric acid S+I = Sulfuric acid + Ice S/M+I = Sodium Bisulfate/Methanol + Ice O = Other (specify) NA = None

STATE PROGRAM (if any): E-mail? Fax? DATA PACKAGE: I II III IV

Turnaround Time (TAT) Request: Standard 2 Business Day Rush Next Business Day Rush Same-Day Rush (auth req.) Other

White Copy - Original: 2.14.19_CO

Client: Terracon	Client Sample ID: Waste Stream
Project Name: New Terminal Blds	Collection Date: 5/24/2023
Lab ID: 2305X74-001	Matrix: Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
ICP METALS, TCLP SW1311/6010D					(SW3010A)			
Lead	BRL	0.0500		mg/L	357291	1	06/01/2023 16:45	EH

Qualifiers:	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	F Analyzed in the lab which is a deviation from the method
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit



SAMPLE/COOLER RECEIPT CHECKLIST

Clear

Save as

Terracon

2305X74

AES Work Order Number:

- 1. Client Name: _____
- 2. Carrier: FedEx UPS USPS Client Courier Other _____

	Details			Comments
	Yes	No	N/A	
3. Shipping container/cooler received in good condition?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
4. Custody seals present on shipping container?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5. Custody seals intact on shipping container?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6. Temperature blanks present?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
7. Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Cooling initiated for recently collected samples / ice present <input type="checkbox"/>
8. Chain of Custody (COC) present?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
9. Chain of Custody signed, dated, and timed when relinquished and received?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
10. Sampler name and/or signature on COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
11. Were all samples received within holding time?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
12. TAT marked on the COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	If no TAT indicated, proceeded with standard TAT per Terms & Conditions. <input type="checkbox"/>

13. Cooler 1 Temperature AMBIENT _____ °C Cooler 2 Temperature _____ °C Cooler 3 Temperature _____ °C Cooler 4 Temperature _____ °C
 14. Cooler 5 Temperature _____ °C Cooler 6 Temperature _____ °C Cooler 7 Temperature _____ °C Cooler 8 Temperature _____ °C

15. Comments: _____ I certify that I have completed sections 1-15 (dated initials). MW 5/30/23

	Details			Comments
	Yes	No	N/A	
16. Were sample containers intact upon receipt?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
17. Custody seals present on sample containers?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
18. Custody seals intact on sample containers?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
19. Do sample container labels match the COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	incomplete info <input type="checkbox"/> illegible <input type="checkbox"/> no label <input type="checkbox"/> other <input type="checkbox"/>
20. Are analyses requested indicated on the COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
21. Were all of the samples listed on the COC received?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	samples received but not listed on COC <input type="checkbox"/> samples listed on COC not received <input type="checkbox"/>
22. Was the sample collection date/time noted?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
23. Did we receive sufficient sample volume for indicated analyses?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
24. Were samples received in appropriate containers?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
25. Were VOA samples received without headspace (< 1/4" bubble)?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
26. Were trip blanks submitted?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	listed on COC <input type="checkbox"/> not listed on COC <input type="checkbox"/>

27. Comments: _____ I certify that I have completed sections 16-27 (dated initials). MW 5/30/23

	Details			Comments
	Yes	No	N/A	
28. Have containers needing chemical preservation been checked? *	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
29. Containers meet preservation guidelines?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
30. Was pH adjusted at Sample Receipt?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	

* Note: Certain analyses require chemical preservation but must be checked in the laboratory and not upon Sample Receipt such as Coliforms, VOCs and Oil & Grease/TPH. I certify that I have completed sections 28-30 (dated initials). MW 5/30/23

End of Report

APPENDIX B

LICENSES AND CERTIFICATIONS

The Environmental Institute

David Price

Social Security Number - XXX-XX-2462

Terracon Consultants - 514 Hillcrest Industrial Boulevard, Macon, GA 31204

*Has completed 4 hours of coursework and satisfactorily
passed an examination that meets all criteria required for
EPA/AHERA/ASHARA (TSCA Title II) Approved Reaccreditation*

Asbestos in Buildings: Inspector Refresher

February 7, 2023

Course Date

19311

Certificate Number

February 7, 2023

Examination Date

February 7, 2024

Expiration Date


Beverly B. Campbell - Course Director/Training Manager



(Approved by the ABIH Certification Maintenance Committee for 1/2 CM point - Approval #11-577)

(Florida Provider Registration Number FL49-0001342 - Course #FL49-0002805)

TEI - 1395 S. Marietta Parkway SE - Building 100, Suite 124 - Marietta, GA 30067

Phone: 770-427-3600 - Website: www.tei-atl.com