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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 (Avionics Building)
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 (Avionics Building) 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 (Avionics Building) ■ Macon, GA
June 27, 2023 ■ Terracon Project No. HN225215



EXECUTIVE SUMMARY

Terracon Consultants, Inc. conducted a Hazardous Materials Survey at the Terminal Building (Avionics Building) located at Middle Georgia Regional Airport, Macon, Georgia. We understand this Hazardous Materials Survey was requested in support of the planned Renovation/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 55 bulk samples from 18 homogeneous areas of suspect ACM.

Findings

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

The materials sampled included: brown base mastic, ceiling tiles, wallboard, joint compound, **window caulk, windowpane caulk, black tar pipe elbows and fittings, mudded pipe elbows and fittings**, HVAC duct wrap, pipe wrap, fireproof caulk, roof decking, **black flashing tar**, asphalt shingles, **exterior door and window caulks and exterior window glaze**.

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*
A-5B Layer 1	Window caulk	Side window	3% Chrysotile	CAT II	*32 Windows
A-5C Layer 1	Window caulk	Side window	3% Chrysotile	CAT II	
A-6A Layer 1	Windowpane and frame caulk	Front	2% Chrysotile	CAT II	
A-6B Layer 1	Windowpane and frame caulk	Back	2% Chrysotile	CAT II	
A-6C Layer 1	Windowpane and frame caulk	Side	2% Chrysotile	CAT II	
A-7A Layer 1	Black tar on pipe elbow	Main Area	15% Chrysotile	CAT II	**28 Elbows and/or Fittings
A-7B Layer 1	Black tar on pipe elbow	Main Area	15% Chrysotile	CAT II	
A-6D Layer 1	Windowpane and frame caulk	Side Window	2% Chrysotile	CAT II	*
A-7C Layer 1	Black tar on pipe elbow	Main Area	15% Chrysotile	CAT II	**
A-8A Layer 1	Mudded pipe elbow	Closet water heat	3% Amosite	RACM	
A-8B Layer 1	Mudded pipe elbow	Closet water heat	5% Chrysotile	RACM	

Hazardous Materials Survey Report

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



Sample ID	Material Description	Sample Location	% and Type Asbestos	Category	Estimated Quantity*
A-8C Layer 1	Mudded pipe elbow	Closet water heat	5% Chrysotile	RACM	30 Elbows and/or Fittings
A-13A Layer 2	Black flashing tar	Roof	15% Chrysotile	CAT II	420 LF
A-13C Layer 1	Black flashing tar	Roof	15% Chrysotile	CAT II	
A-16A Layer 1	Exterior door caulk	Exterior	5% Chrysotile	CAT II	180 LF
A-16B Layer 1	Exterior door caulk		5% Chrysotile	CAT II	
A-16C Layer 1	Exterior door caulk		5% Chrysotile	CAT II	
A-17A Layer 1	Exterior window glaze		2% Chrysotile	CAT II	32 Windows
A-17B Layer 1	Exterior window glaze		2% Chrysotile	CAT II	
A-17C Layer 1	Exterior window glaze		2% Chrysotile	CAT II	
A-18A Layer 2	Exterior window caulk		5% Chrysotile	CAT II	
A-18B Layer 2	Exterior window caulk		5% Chrysotile	CAT II	
A-18C Layer 2	Exterior window caulk		5% Chrysotile	CAT II	

LF=linear feet, Cat II = All other non-friable ACMs such as caulks, mastic, etc. RACM = Regulated Asbestos Containing Material.

***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 (Avionics Building).

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, 55 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 55 bulk samples from 18 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 (Avionics Bldg.) ■ 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 A.

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 Building (Avionics Bldg.). 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 black mastic on pipe elbows</p>
	<p>General view of the Mechanical Rooms asbestos containing elbows and fittings</p>

Site Photographs	Remarks
	<p>General view of the asbestos containing window pane frame caulk</p>
	<p>General view of the asbestos containing pipe elbows and fittings</p>

Site Photographs	Remarks
	<p>General view of asbestos containing pipe elbow water heater closet</p>

APPENDIX A

ASBESTOS/TCLP RESULTS

**CHAIN OF CUSTODY
BULK ASBESTOS ANALYSIS**

Client Name: Terracon Project Name: New Corporate GA Terminal (Avionics)
 Address: 514 Millcrest Industrial Blvd Project Number: MN225215
 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 A-1A	Brown base mastic	PLM	STD	
2 A-1B	/			
3 A-1C				
4 A-2A	ceiling tile mens bath			
5 A-2B	ceiling tile womens bath			
6 A-2C	ceiling tile air handler room			
7 A-3A	Wallboard from offices			
8 A-3B	/			
9 A-3C				
10 A-4A	WB + JC from offices			
11 A-4B	/			
12 A-4C				
13 A-5A	Window caulk from front door			
14 A-5B	window caulk side window			
15 A-5C	/			
16 A-6A	Window pane + frame caulk front			
17 A-6B	back			
18 A-6C	side			
19 A-7A	black tar on pipe elbow			
20 A-7B				

Relinquished by: Jared Cannon Date/Time: 5-26-23 0833
 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

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
 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 (Avion)
 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 A- 6D	window pane + frame caulk side	PLM	STD	
2 A- 7C	black tar from pipe elbow			
3 A- 8A	mudded pipe elbow closet water heater			
4 A- 9A	HVAC duct wrap air handler room			
5 A- 9B	/			
6 A- 9C	/			
7 A-8B	#0 mudded pipe elbow closet water heat			
8 A-8C				
9 A- 10A	pipe wrap			
10 A- 10B	/			
11 A- 10C	/			
12 A- 11A	Fireproofing caulk			
13 A- 11B	/			
14 A- 11C	/			
15 A- 12A	roof deck			
16 A- 12B	/			
17 A- 12C	/			
18 A- 13A	black flashing tar			
19 A- 13B	/			
20 A- 13C	/			

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

Date/Time: 5-26-23 0833
 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

FOR LAB USE ONLY
 Lab Recipient: LEILA DYE Date/Time: 5-26-23 15:10 Method of Shipment: COURIER

**CHAIN OF CUSTODY
 BULK ASBESTOS ANALYSIS**

Client Name: Terracon
 Address: 514 Millon St 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 (Avionics)
 Project Number: 14N225215
 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 A- 14A	Asphalt shingle w/ Flashing tar			
2 A- 14B	/			
3 A- 14C				
4 A- 15A	interior window caulk			
5 A- 15B	/			
6 A- 15C				
7 A- 16A	exterior door caulk			
8 A- 16B	/			
9 A- 16C				
10 A- 17A	exterior window glaze			
11 A- 17B	/			
12 A- 17C				
13 A- 18A	exterior window caulk			
14 A- 18B	/			
15 A- 18C				
16				
17				
18				
19				
20				

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

Date/Time: 5-26-23 0833
 Date/Time: 5-26 1037
 Date/Time: 5-26 310
 Date/Time: _____

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Asbestos COC7.15.19

Lab Recipient: LENA DYE FOR LAB USE ONLY Date/Time: 5/26/23 15:18 Method of Shipment: COURIER



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: 2305Y77
Project Name: New Corporate GA Terminal (Avionics)	Project Number: HN225215

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
A-1A Layer: 1	2305Y77 -001A	Brown Base Mastic	ND	ND	ND	ND	ND	ND	
A-1B Layer: 1	2305Y77 -002A	Brown Base Mastic	ND	ND	ND	ND	ND	ND	
A-1C Layer: 1	2305Y77 -003A	Brown Base Mastic	ND	ND	ND	ND	ND	ND	
A-2A Layer: 1	2305Y77 -004A	Ceiling Tile Mens Bath	ND	ND	ND	ND	ND	ND	Paint included as binder
A-2B Layer: 1	2305Y77 -005A	Ceiling Tile Womens Bath	ND	ND	ND	ND	ND	ND	Paint included as binder
A-2C Layer: 1	2305Y77 -006A	Ceiling Tile Air Handler Room	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:

Svetlana Arkhipov

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: 2305Y77
Project Name: New Corporate GA Terminal (Avionics)	Project Number: HN225215

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
A-3A Layer: 1	2305Y77-007A	Wallboard From Offices	ND	ND	ND	ND	ND	ND	Paint included as binder
A-3A Layer: 2	2305Y77-007A	Wallboard From Offices	ND	ND	ND	ND	ND	ND	
A-3B Layer: 1	2305Y77-008A	Wallboard From Offices	ND	ND	ND	ND	ND	ND	Paint included as binder
A-3B Layer: 2	2305Y77-008A	Wallboard From Offices	ND	ND	ND	ND	ND	ND	
A-3C Layer: 1	2305Y77-009A	Wallboard From Offices	ND	ND	ND	ND	ND	ND	Paint included as binder
A-4A Layer: 1	2305Y77-010A	WB + JC From Offices	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:

Svetlana Arkhipov

QC Analyst:

Yelena Khanina



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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: 2305Y77
Project Name: New Corporate GA Terminal (Avionics)	Project Number: HN225215

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
A-4B Layer: 1	2305Y77 -011A	WB + JC From Offices	ND	ND	ND	ND	ND	ND	Paint included as binder
A-4B Layer: 2	2305Y77 -011A	WB + JC From Offices	ND	ND	ND	ND	ND	ND	
A-4B Layer: 3	2305Y77 -011A	WB + JC From Offices	ND	ND	ND	ND	ND	ND	
A-4C Layer: 1	2305Y77 -012A	WB + JC From Offices	ND	ND	ND	ND	ND	ND	Paint included as binder
A-4C Layer: 2	2305Y77 -012A	WB + JC From Offices	ND	ND	ND	ND	ND	ND	
A-4C Layer: 3	2305Y77 -012A	WB + JC From Offices	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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Microanalyst:

Svetlana Arkhipov

QC Analyst:

Yelena Khanina



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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: 2305Y77
Project Name: New Corporate GA Terminal (Avionics)	Project Number: HN225215

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
A-5A Layer: 1	2305Y77 -013A	Window Caulk From Front Door	ND	ND	ND	ND	ND	ND	
A-5B Layer: 1	2305Y77 -014A	Window Caulk Side Window	3	ND	ND	ND	ND	ND	Caulk. Paint included as binder
A-5C Layer: 1	2305Y77 -015A	Window Caulk Side Window	3	ND	ND	ND	ND	ND	Caulk. Paint included as binder
A-6A Layer: 1	2305Y77 -016A	Window Pane + Frame Caulk Front	2	ND	ND	ND	ND	ND	
A-6B Layer: 1	2305Y77 -017A	Window Pane + Frame Caulk Back	2	ND	ND	ND	ND	ND	
A-6C Layer: 1	2305Y77 -018A	Window Pane + Frame Caulk Side	2	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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Microanalyst:

Svetlana Arkhipov

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: 2305Y77
Project Name: New Corporate GA Terminal (Avionics)	Project Number: HN225215

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
A-7A Layer: 1	2305Y77 -019A	Black Tar On Pipe Elbow	15	ND	ND	ND	ND	ND	
A-7A Layer: 2	2305Y77 -019A	Black Tar On Pipe Elbow	ND	ND	ND	ND	ND	ND	
A-7B Layer: 1	2305Y77 -020A	Black Tar On Pipe Elbow	15	ND	ND	ND	ND	ND	
A-6D Layer: 1	2305Y77 -021A	Window Pane + Frame Caulk Side	2	ND	ND	ND	ND	ND	
A-7C Layer: 1	2305Y77 -022A	Black Tar From Pipe Elbow	15	ND	ND	ND	ND	ND	
A-8A Layer: 1	2305Y77 -023A	Mudded Pipe Elbow Closet Water Heat	ND	3	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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Report Date: 6-Jun-23

Client Name: Terracon	AES Job Number: 2305Y77
Project Name: New Corporate GA Terminal (Avionics)	Project Number: HN225215

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
A-9A Layer: 1	2305Y77 -024A	HVAC Duct Wrap Air Handler Room	ND	ND	ND	ND	ND	ND	
A-9A Layer: 2	2305Y77 -024A	HVAC Duct Wrap Air Handler Room	ND	ND	ND	ND	ND	ND	
A-9B Layer: 1	2305Y77 -025A	HVAC Duct Wrap Air Handler Room	ND	ND	ND	ND	ND	ND	
A-9B Layer: 2	2305Y77 -025A	HVAC Duct Wrap Air Handler Room	ND	ND	ND	ND	ND	ND	
A-9C Layer: 1	2305Y77 -026A	HVAC Duct Wrap Air Handler Room	ND	ND	ND	ND	ND	ND	
A-9C Layer: 2	2305Y77 -026A	HVAC Duct Wrap Air Handler Room	ND	ND	ND	ND	ND	ND	

Note: CH=chrysotile, AM=amosite, CR=crocidolite, AC=actinolite, TR=tremolite, AN=anthophyllite
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Report Date: 6-Jun-23

Client Name: Terracon	AES Job Number: 2305Y77
Project Name: New Corporate GA Terminal (Avionics)	Project Number: HN225215

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
A-9C Layer: 3	2305Y77 -026A	HVAC Duct Wrap Air Handler Room	ND	ND	ND	ND	ND	ND	
A-8B Layer: 1	2305Y77 -027A	Mudded Pipe Elbow Closet Water Heat	5	ND	ND	ND	ND	ND	
A-8C Layer: 1	2305Y77 -028A	Mudded Pipe Elbow Closet Water Heat	5	ND	ND	ND	ND	ND	
A-10A Layer: 1	2305Y77 -029A	Pipe Wrap	ND	ND	ND	ND	ND	ND	
A-10A Layer: 2	2305Y77 -029A	Pipe Wrap	ND	ND	ND	ND	ND	ND	
A-10B Layer: 1	2305Y77 -030A	Pipe Wrap	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: 2305Y77
Project Name: New Corporate GA Terminal (Avionics)	Project Number: HN225215

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
A-10C Layer: 1	2305Y77 -031A	Pipe Wrap	ND	ND	ND	ND	ND	ND	
A-10C Layer: 2	2305Y77 -031A	Pipe Wrap	ND	ND	ND	ND	ND	ND	
A-11A Layer: 1	2305Y77 -032A	Fireproofing Caulk	ND	ND	ND	ND	ND	ND	
A-11B Layer: 1	2305Y77 -033A	Fireproofing Caulk	ND	ND	ND	ND	ND	ND	
A-11C Layer: 1	2305Y77 -034A	Fireproofing Caulk	ND	ND	ND	ND	ND	ND	
A-12A Layer: 1	2305Y77 -035A	Roof Deck	ND	ND	ND	ND	ND	ND	

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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: 2305Y77
Project Name: New Corporate GA Terminal (Avionics)	Project Number: HN225215

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
A-12A Layer: 2	2305Y77 -035A	Roof Deck	ND	ND	ND	ND	ND	ND	
A-12B Layer: 1	2305Y77 -036A	Roof Deck	ND	ND	ND	ND	ND	ND	
A-12B Layer: 2	2305Y77 -036A	Roof Deck	ND	ND	ND	ND	ND	ND	
A-12C Layer: 1	2305Y77 -037A	Roof Deck	ND	ND	ND	ND	ND	ND	
A-12C Layer: 2	2305Y77 -037A	Roof Deck	ND	ND	ND	ND	ND	ND	
A-12C Layer: 3	2305Y77 -037A	Roof Deck	ND	ND	ND	ND	ND	ND	

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Bulk Sample Summary Report



Report Date: 6-Jun-23

Client Name: Terracon	AES Job Number: 2305Y77
Project Name: New Corporate GA Terminal (Avionics)	Project Number: HN225215

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
A-13A Layer: 1	2305Y77 -038A	Black Flashing Tar	ND	ND	ND	ND	ND	ND	
A-13A Layer: 2	2305Y77 -038A	Black Flashing Tar	15	ND	ND	ND	ND	ND	
A-13B Layer: 1	2305Y77 -039A	Black Flashing Tar	ND	ND	ND	ND	ND	ND	
A-13B Layer: 2	2305Y77 -039A	Black Flashing Tar	ND	ND	ND	ND	ND	ND	
A-13C Layer: 1	2305Y77 -040A	Black Flashing Tar	15	ND	ND	ND	ND	ND	Paint included as binder
A-14A Layer: 1	2305Y77 -041A	Asphalt Shingle W/Flashing Tar	ND	ND	ND	ND	ND	ND	

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Bulk Sample Summary Report



Report Date: 6-Jun-23

Client Name: Terracon	AES Job Number: 2305Y77
Project Name: New Corporate GA Terminal (Avionics)	Project Number: HN225215

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
A-14B Layer: 1	2305Y77 -042A	Asphalt Shingle W/Flashing Tar	ND	ND	ND	ND	ND	ND	
A-14C Layer: 1	2305Y77 -043A	Asphalt Shingle W/Flashing Tar	ND	ND	ND	ND	ND	ND	
A-15A Layer: 1	2305Y77 -044A	Interior Window Caulk	ND	ND	ND	ND	ND	ND	
A-15B Layer: 1	2305Y77 -045A	Interior Window Caulk	ND	ND	ND	ND	ND	ND	
A-15C Layer: 1	2305Y77 -046A	Interior Window Caulk	ND	ND	ND	ND	ND	ND	
A-16A Layer: 1	2305Y77 -047A	Exterior Door Caulk	5	ND	ND	ND	ND	ND	Paint included as binder

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Bulk Sample Summary Report



Report Date: 6-Jun-23

Client Name: Terracon	AES Job Number: 2305Y77
Project Name: New Corporate GA Terminal (Avionics)	Project Number: HN225215

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
A-16B Layer: 1	2305Y77 -048A	Exterior Door Caulk	5	ND	ND	ND	ND	ND	Paint included as binder
A-16C Layer: 1	2305Y77 -049A	Exterior Door Caulk	5	ND	ND	ND	ND	ND	Paint included as binder
A-17A Layer: 1	2305Y77 -050A	Exterior Window Glaze	2	ND	ND	ND	ND	ND	
A-17B Layer: 1	2305Y77 -051A	Exterior Window Glaze	2	ND	ND	ND	ND	ND	
A-17C Layer: 1	2305Y77 -052A	Exterior Window Glaze	2	ND	ND	ND	ND	ND	
A-18A Layer: 1	2305Y77 -053A	Exterior Window Caulk	ND	ND	ND	ND	ND	ND	Caulk. Paint included as binder

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Report Date: 6-Jun-23

Client Name: Terracon	AES Job Number: 2305Y77
Project Name: New Corporate GA Terminal (Avionics)	Project Number: HN225215

Client ID	AES ID	Location	Asbestos Mineral Percentage						Comments
			CH	AM	CR	AN	TR	AC	
A-18A Layer: 2	2305Y77 -053A	Exterior Window Caulk	5	ND	ND	ND	ND	ND	Glazing
A-18B Layer: 1	2305Y77 -054A	Exterior Window Caulk	ND	ND	ND	ND	ND	ND	Caulk. Paint included as binder
A-18B Layer: 2	2305Y77 -054A	Exterior Window Caulk	5	ND	ND	ND	ND	ND	Glazing
A-18C Layer: 1	2305Y77 -055A	Exterior Window Caulk	ND	ND	ND	ND	ND	ND	Caulk. Paint included as binder
A-18C Layer: 2	2305Y77 -055A	Exterior Window Caulk	5	ND	ND	ND	ND	ND	Glazing

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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

Page of
 Date:

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>		DATE/TIME:		PROJECT INFORMATION	
SAMPLE ID		SAMPLED:		DATE/TIME:		PROJECT NAME: New Terminal Bldg	
#		DATE	TIME	GRAB	COMPOSITE	MATRIX (see codes)	
1	Nastes beam	5-26-23			✓	Other	
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
RELINQUISHED BY: <i>[Signature]</i>		DATE/TIME: 5-26-23 1030		RECEIVED BY: <i>[Signature]</i>		DATE/TIME: 5-26-23 1510	
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT METHOD		PROJECT ADDRESS: 414 225 215		SEND REPORT TO: <i>[Signature]</i>	
1. <i>[Signature]</i> 5-26-23 1030 2. <i>[Signature]</i> 5-26-23 310		OUT: / / VIA: IN: / / VIA:		PROJECT #: SITE ADDRESS:		Turnaround Time (TAT) Request <input checked="" type="checkbox"/> Standard <input type="checkbox"/> 2 Business Day Rush <input type="checkbox"/> Next Business Day Rush <input type="checkbox"/> Same-Day Rush (auth req.) <input type="checkbox"/> Other	
3.		client FedEx UPS US mail other:		INVOICE TO (IF DIFFERENT FROM ABOVE):		STATE PROGRAM (if any): E-mail? <input type="checkbox"/> Fax? <input type="checkbox"/> DATA PACKAGE: I <input type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> IV <input type="checkbox"/>	
QUOTE #:		PO#:		Total # of Containers		RECEIPT	

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

White Copy - Original: *[Signature]* Client

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

Table with 5 columns: Question, Yes, No, N/A, Details, Comments. Rows 3-12 covering shipping conditions, custody seals, temperature, and TAT.

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

Table with 5 columns: Question, Yes, No, N/A, Details, Comments. Rows 16-26 covering container integrity, analysis requests, and trip blanks.

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

Table with 5 columns: Question, Yes, No, N/A, Details, Comments. Rows 28-30 covering pH and chemical preservation.

* 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.
This also excludes metals by EPA 200.7, 200.8 and 245.1 which will be verified between 16 and 24 hours after preservation.
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

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