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May 1, 2020

Mr. Chris Kingsbury
Atlas Technical Consultants
DeKalb SPLOST PM
Legacy MA Project Number - 18DEK000
2450 Commerce Ave., Suite 100
Duluth, GA 30096-8910

Subject: Asbestos Sampling Roof Sampling Report
DeKalb County Fire Station #25
7136 Rockbridge Road
Stone Mountain, Georgia 30087
Legacy MA Project Number 18DEK000, WA#10
ATC Project Number: 127MA20002

Dear Mr. Kingsbury:

ATC was retained by Atlas Technical Consultants, to perform sampling of the roofing systems which are scheduled for replacement at the DeKalb County Fire House #25 (Site) located at 7136 Rockbridge Road, in Stone Mountain, Georgia. This investigation included a visual inspection and physical survey to identify suspect asbestos-containing materials (ACMs) that could be impacted during the re-roofing efforts.

Site Description

The DeKalb County Fire Station #25 (Site) consists of three different roofing systems, ATC's scope of work for this survey focused on each roof system observed as a distinct homogeneous area for the purposes of sampling.

ACM Survey

The collection of bulk samples was conducted in general accordance with procedures outlined in the Asbestos Hazard Emergency Response Act (40 CFR 763.86) and the U.S. Environmental Protection Agency (EPA) guidance document entitled Guidance for Controlling Asbestos-Containing Materials in Buildings (Document No. 560/5-85/024). The survey was conducted on April 21, 2020 by Mr. Tony Davis, an EPA-accredited Asbestos Building Inspector.

ATC collected fifteen (15) bulk samples of suspect ACMs from the roofing systems and thirty (30) samples were analyzed by Polarized Light Microscopy (PLM) based on the distinct number of layers (materials) associated with each bulk sample. For example, roof fields and insulations are collected as one bulk sample but are analyzed as individual samples (layers) within the matrix of the sample materials by the asbestos laboratory, as required by the Occupational Safety and Health Administration (OSHA). The Bulk samples of identified suspect ACM were collected and placed into individual containers for transport to EMSL Analytical, Inc. (EMSL) in Smyrna, Georgia for analysis.

DeKalb County Fire Station #25
7136 Rockbridge Road, Stone Mountain, GA
May 1, 2020

EMSL is accredited by the National Institute of Standards and Technology (NIST) National Voluntary Accreditation Program (NVLAP) for laboratories analyzing bulk materials by polarized light microscopy (accreditation #101048-1) and utilizes approved polarized light microscopy with dispersion staining (PLM/DS) methods. The PLM/DS analytical method is modeled after U.S. EPA Publication EPA/600/R-93/116: Test Method for the Determination of Asbestos in Bulk Materials, July 1993. If a material is identified as containing greater than one percent (>1.0%) asbestos, it is considered to be an ACM. The complete asbestos laboratory report, dated May 1, 2020, is attached.

Laboratory analysis of the bulk samples collected from DeKalb County Fire Station #25 **did not** indicate that asbestos is present in quantities of 1% or greater in any of the suspect materials sampled.

These materials are not regulated by State and Federal regulations and may be removed and disposed of as construction debris.

Any concealed building materials discovered during maintenance, renovation, or demolition activities which are suspected to contain asbestos, should be sampled and analyzed to confirm the presence of asbestos prior to disturbing.

A building owner is required under OSHA regulation to communicate information regarding the location of ACM to outside contractors, tenants and employees who occupy areas containing ACM. Subcontractors and employees working within the structures at the site should be made aware of the locations of the ACM and the possibility of concealed ACM that could be found during renovation/demolition activities in accordance with the rules and regulations of the Georgia Environmental Protection Division (GEPD).

The following recommendations should be followed for demolition projects including contracting the services of an environmental consultant to monitor/document that the demolition contractor activities comply with the GEPD, OSHA, EPA, and NESHAP requirements.

Written notification is required by state and local regulations prior to beginning any renovation or demolition work. Send written notification, as required by the USEPA NESHAP Asbestos Regulations (40 CFR 61. Sub part m.), to the designated regional Asbestos NESHAP notification office at least 10 working days prior to beginning any renovation or demolition work. Send notification to the following address:

Department of Natural Resources Environmental Protection Division Asbestos Licensing and Certification
4244 International Parkway, Suite 104
Atlanta, Georgia 30354
(404) 363-7026

There may be additional suspect asbestos containing materials in inaccessible or concealed spaces. These spaces include, but are not limited to, pipe chases, spaces between wall/ceiling cavities, underneath carpeting, interior of mechanical components such as boiler cavities, interior ducts, etc. All such unidentified materials should be treated as Presumed Asbestos Containing Material (PACM) in accordance with 29 CFR 1926.1101 and 1910.1001.

DeKalb County Fire Station #25
7136 Rockbridge Road, Stone Mountain, GA
May 1, 2020

Limitations

This report is not to be utilized as a bidding document or as a project specification document since it does not have all the components required to serve as an Asbestos Project Design document or an Abatement Work plan.

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

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

Attached are copies of the Laboratory Analysis Report and the corresponding chain of custody. Please feel free to contact the undersigned should you have any questions or require additional information.

Sincerely,

ATC Group Services, LLC.



Tony Davis
Senior Project Hygienist
Direct +1 770.702.6562
Email: tony.davis@atcgs.com



Darryl Watson, Esq., CIH, CSP, JD
Industrial Hygiene Manager
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Attachments: Table 1 – Summary of Analytical Results
Laboratory Analysis Report
Chain-of-Custody Form
Licenses/Certifications

**Table 1
Asbestos Roof Bulk Sample Summary
DeKalb County Fire House #25
7136 Rockbridge Road
Stone Mountain, Georgia**

Sample Number	Material Description	Sample Location	Approximate Quantity	*EPA Category	Asbestos Content
S25-0421-01A	Lower Roof Field	Lower Roof Field West	NA	NA	Layer 1 NAD Layer 2 NAD Layer 3 NAD
S25-0421-01B	Lower Roof Field	Lower Roof Field East	NA	NA	Layer 1 NAD Layer 2 NAD Layer 3 NAD
S25-0421-02A	Flashing Material	Lower Roof South	NA	NA	Layer 1 NAD Layer 2 NAD
S25-0421-02B	Flashing Material	Lower Roof West	NA	NA	Layer 1 NAD Layer 2 NAD
S25-0421-02C	Flashing Material	Lower Roof East	NA	1	Layer 1 NAD Layer 2 NAD
S25-0421-03A	Black Penetration Mastic	Lower Roof Vent Pipe	NA	NA	NAD
S25-0421-03B	Black Penetration Mastic	Lower Roof Vent Pipe	NA	NA	NAD
S25-0421-03C	Black Penetration Mastic	Lower Roof Vent Pipe	NA	NA	NAD
S25-0421-04A	Upper Roof Field	Upper Roof Field North	NA	NA	Layer 1 NAD Layer 2 NAD Layer 3 NAD
S25-0421-04B	Upper Roof Field	Upper Roof Field South	NA	NA	Layer 1 NAD Layer 2 NAD Layer 3 NAD
S25-0421-05A	White Penetration Mastic	Upper Roof Vent Pipe	NA	NA	NAD
S25-0421-05B	White Penetration Mastic	Upper Roof Vent Pipe	NA	NA	NAD
S25-0421-05C	White Penetration Mastic	Upper Roof Vent Pipe	NA	NA	NAD
S25-0421-06A	Flashing Material	Upper Roof West	NA	NA	Layer 1 NAD Layer 2 NAD
S25-0421-06B	Flashing Material	Upper Roof North	NA	NA	Layer 1 NAD Layer 2 NAD
S25-0421-06C	Flashing Material	Upper Roof South	NA	NA	Layer 1 NAD Layer 2 NAD

NA = Not Applicable, NAD = No Asbestos Detected.



EMSL Analytical, Inc.

2205 Corporate Plaza Parkway SE, Suite 200 Smyrna, GA 30080

Tel/Fax: (770) 956-9150 / (770) 956-9181

<http://www.EMSL.com> / atlantalab@emsl.com

EMSL Order: 072003023

Customer ID: ATEC51

Customer PO:

Project ID:

Attention: Greg Czachor
ATC Group Services LLC
9874 Main Street, Suite 100
Woodstock, GA 30188

Phone: (770) 906-3347

Fax: (770) 926-5383

Received Date: 04/24/2020 11:25 AM

Analysis Date: 04/30/2020 - 05/01/2020

Collected Date:

Project: Dekalb Co. Roofs/ Station #25

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
S25.0421.01A-Membrane 072003023-0001	Roof Core - Lower Roof West	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: 1		
S25.0421.01A-Felt 072003023-0001A	Roof Core - Lower Roof West	Black Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
			HA: 1		
S25.0421.01A-Insulation 072003023-0001B	Roof Core - Lower Roof West	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: 1		
S25.0421.01B-Membrane 072003023-0002	Roof Core - Lower Roof East	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: 1		
S25.0421.01B-Felt 072003023-0002A	Roof Core - Lower Roof East	Black Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
			HA: 1		
S25.0421.01B-Insulation 072003023-0002B	Roof Core - Lower Roof East	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: 1		
S25.0421.02A-Membrane 072003023-0003	Flashing Material - Lower Roof - South	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: 2		
S25.0421.02A-Glue 072003023-0003A	Flashing Material - Lower Roof - South	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: 2		
S25.0421.02B-Membrane 072003023-0004	Flashing Material - Lower Roof - West	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: 2		
S25.0421.02B-Glue 072003023-0004A	Flashing Material - Lower Roof - West	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: 2		
S25.0421.02C-Membrane 072003023-0005	Flashing Material - Lower Roof - East	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: 2		

Initial report from: 05/01/2020 09:42:47



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<http://www.EMSL.com> / atlantab@emsl.com

EMSL Order: 072003023
Customer ID: ATEC51
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
S25.0421.02C-Glue <small>072003023-0005A</small>	Flashing Material - Lower Roof - East	Yellow Non-Fibrous Homogeneous	HA: 2	100% Non-fibrous (Other)	None Detected
S25.0421.03A <small>072003023-0006</small>	Penetration Mastic, Black - Lower Roof Vent Pipe	Gray Non-Fibrous Homogeneous	HA: 3	100% Non-fibrous (Other)	None Detected
S25.0421.03B <small>072003023-0007</small>	Penetration Mastic, Black - Lower Roof Vent Pipe	Gray Non-Fibrous Homogeneous	HA: 3	100% Non-fibrous (Other)	None Detected
S25.0421.03C <small>072003023-0008</small>	Penetration Mastic, Black - Lower Roof Vent Pipe	Gray Non-Fibrous Homogeneous	HA: 3	100% Non-fibrous (Other)	None Detected
S25.0421.04A-Membrane <small>072003023-0009</small>	Roof Core - Upper Roof - South	Black Non-Fibrous Homogeneous	HA: 4	100% Non-fibrous (Other)	None Detected
S25.0421.04A-Felt <small>072003023-0009A</small>	Roof Core - Upper Roof - South	Black Fibrous Homogeneous	HA: 4	80% Cellulose 20% Non-fibrous (Other)	None Detected
S25.0421.04A-Insulation <small>072003023-0009B</small>	Roof Core - Upper Roof - South	Yellow Non-Fibrous Homogeneous	HA: 4	100% Non-fibrous (Other)	None Detected
S25.0421.04B-Membrane <small>072003023-0010</small>	Roof Core - Upper Roof - North	Black Non-Fibrous Homogeneous	HA: 4	100% Non-fibrous (Other)	None Detected
S25.0421.04B-Felt <small>072003023-0010A</small>	Roof Core - Upper Roof - North	Black Fibrous Homogeneous	HA: 4	80% Cellulose 20% Non-fibrous (Other)	None Detected
S25.0421.04B-Insulation <small>072003023-0010B</small>	Roof Core - Upper Roof - North	Yellow Non-Fibrous Homogeneous	HA: 4	100% Non-fibrous (Other)	None Detected
S25.0421.05A <small>072003023-0011</small>	Penetration Mastic, White - Upper Roof - Vent Pipe	Gray Non-Fibrous Homogeneous	HA: 5	100% Non-fibrous (Other)	None Detected
S25.0421.05B <small>072003023-0012</small>	Penetration Mastic, White - Upper Roof - Vent	Gray Non-Fibrous Homogeneous	HA: 5	100% Non-fibrous (Other)	None Detected
S25.0421.05C <small>072003023-0013</small>	Penetration Mastic, White - Upper Roof - Vent Pipe	White Non-Fibrous Homogeneous	HA: 5	100% Non-fibrous (Other)	None Detected

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<http://www.EMSL.com> / atlantalab@emsl.com

EMSL Order: 072003023
Customer ID: ATEC51
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
S25.0421.06A-Membrane <small>072003023-0014</small>	Flashing Material - Upper Roof - West	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
S25.0421.06A-Glue <small>072003023-0014A</small>	Flashing Material - Upper Roof - West	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
S25.0421.06B-Membrane <small>072003023-0015</small>	Flashing Material - Upper Roof - North	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
S25.0421.06B-Glue <small>072003023-0015A</small>	Flashing Material - Upper Roof - North	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
S25.0421.06C-Membrane <small>072003023-0016</small>	Flashing Material - Upper Roof - South	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
S25.0421.06C-Glue <small>072003023-0016A</small>	Flashing Material - Upper Roof - South	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)
 Anthony Sanaie (23)
 Kyle Rich (7)



Michael Murphy
 or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc Smyrna, GA NVLAP Lab Code 101048-1

Initial report from: 05/01/2020 09:42:47



Project Name:
 Project Location 072003023
 Project Number:
 Project Manager:

DEKALB CO. ROOFS
 STATION # 25

Bulk Sampling Field Sheet

G. CZACHOR

ATC Sample No.	Sample Description	Material Type	Sample Location	Approximate Quantity	HA	Results
525-0421-01A	ROOF CORE	M	LOWER ROOF - WEST		1	
"-01B	↓	"	"- EAST		"	
525-0421-02A	FLASHING MATERIAL	M	LOWER ROOF - SOUTH		2	
"-02B	↓	↓	"- WEST		↓	
"-02C	↓	↓	"- EAST		↓	
525-0421-03A	PENETRATION MASTIC,	M	LOWER ROOF - VENT PIPE		3	
"-03B	BLACK ↓	↓	"- VENT PIPE		↓	
"-03C	↓	↓	"- VENT PIPE		↓	
525-0421-04A	ROOF CORE	M	UPPER ROOF - SOUTH		4	
"-04B	"	"	"- NORTH		"	
525-0421-05A	PENETRATION MASTIC,	M	UPPER ROOF - VENT PIPE		5	
"-05B	WHITE ↓	↓	"- VENT		↓	
"-05C	"	↓	"- VENT PIPE		↓	
525-0421-06A	FLASHING MATERIAL	M	UPPER ROOF - WEST		6	
"-06B	↓	↓	"- NORTH		↓	
"-06C	↓	↓	"- SOUTH		↓	

Notes: _____

REQUESTED ANALYSIS: PLM / Point Count / TEM / Positive Stop
 REQUESTED TURNAROUND TIME: Same Day / Next Day / 3 Day / 3-5 Day

CHAIN OF CUSTODY RECORD

COLLECTED BY: TONY DAVIS DATE/TIME: 042120 / 0900

TRANSPORTED BY: ↓ DATE/TIME: _____

RELINQUISHED BY: _____ DATE/TIME: 042420 / 1100

LAB CUSTODY: MM DATE/TIME: 4/24/2020 11:25am DF

LAB ANALYSIS: _____ DATE/TIME: _____

THE ASBESTOS INSTITUTE

Certifies that

Anthony Davis

has attended and received instruction in the EPA approved course

AHERA Building Inspector Refresher

on

October 06, 2019

and successfully completed and passed the competency exam.

ON-4644-7512-100619

Date of Examination:

6-Oct-2019

Date of Expiration:

06-Oct-2020



William T. Cavness
Director



Approved Instructor

THE ASBESTOS INSTITUTE

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602-864-6564 – www.theasbestosinstitute.com

This training meets all requirements for asbestos certification under Toxic Substance Control Act Title II.