ASBESTOS ASSESSMENT

DWELLING DEMOLITION

605 NORTH MAPLE STREET
SUMMERVILLE, SOUTH CAROLINA 29483

ECS PROJECT NO. 49:11848

FOR: TOWN OF SUMMERVILLE

JUNE 29, 2020

June 29, 2020

Mr. Russ Cornette
Town of Summerville
200 S Main Street
Summerville, South Carolina 29483

ECS Project No. 49:11848

Reference: Asbestos Assessment, Dwelling Demolition, 605 North Maple Street, Summerville, South Carolina

Dear Mr. Cornette:

ECS Southeast, LLP (ECS) is pleased to provide Town of Summerville with the results of the above referenced Asbestos Assessment performed at the dwelling located at 605 North Maple Street in Summerville, South Carolina. This report summarizes our observations, analytical results, findings, and recommendations related to the work performed. The work described in this report was performed by ECS in general accordance with the Scope of Services described in ECS Proposal Number 49:19226 and the terms and conditions of the agreement authorizing those services.

ECS appreciates this opportunity to provide Town of Summerville with our services. If we can be of further assistance to you, please do not hesitate to contact us.

Sincerely,

ECS Southeast, LLP

Kurt Robert Gauthier
Assistant Staff Project Manager
kgauthier@ecslimited.com
843-654-4448

Justin Roth, CHMM
Environmental Principal
jroth@ecslimited.com
(843) 749-2754

EXECUTIVE SUMMARY

The subject property is improved with an approximately 996 square foot, single-family dwelling building reportedly originally constructed in 1985. At the time of our survey the subject building was vacant and is currently scheduled to be demolished.

The purpose of the survey was to determine if asbestos-containing materials (ACMs) are present on the subject property. The assessment was performed within interior and exterior areas of the residence as well as the roof.

Based on the laboratory analysis of the bulk samples collected during the survey, the following materials were reported to contain asbestos:

- **White, Grey and Black Duct Mastic: (Sample ID: 04-01,02,03)**
- **Window Caulking: (Sample ID: 05-01,02,03)**

The executive summary is an integral portion of this report, however, ECS recommends the report be read in its entirety.

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1.0 SITE DESCRIPTION

The subject property is improved with an approximately 996 square foot, single-family dwelling building reportedly originally constructed in 1985. Building finishes observed within the residence consist of a concrete sub-floor, carpet and ceramic tiles; the wall systems consist of drywall wallboard; and the ceiling systems consist of drywall. The exterior walls of the residence consist mainly of brick.

2.0 PURPOSE

The purpose of the Asbestos Assessment was to identify asbestos-containing materials (ACMs), which may require special handling and/or disposal if removed during construction activities. The identification of ACMs may require trained labor, regulated work practices, and special disposal.

3.0 METHODOLOGY

ECS performed the authorized Scope of Services in general accordance with our proposal, standard industry practice(s) and methods specified by regulation(s) for the identification of Asbestos-Containing Materials (ACMs).

3.1 Asbestos-Containing Materials

The non-destructive asbestos assessment was performed by an asbestos inspector who has received EPA accredited training and is licensed by South Carolina (Kurt Gauthier SC Building Inspector No. BI-01787). Samples of suspect ACMs were collected utilizing hand tools and placed into individual, labeled plastic bags. Unique bulk suspect ACM samples were submitted to SAI Lab in Greensboro, North Carolina for analysis via Polarized Light Microscopy (PLM) in accordance with current EPA-600 methodology. Materials consisting of additional layers were analyzed separately. SAI Lab is listed as an accredited laboratory by the National Voluntary Laboratory Accreditation Plan (NVLAP) managed by the National Institute of Standards and Technology (NIST) for bulk sample analysis by currently approved EPA methodology by PLM and TEM.

During the survey, ECS attempted to identify suspect ACMs in readily accessible areas. However, due to the destructive means required to identify some materials, certain areas were deemed inaccessible (i.e. behind walls or sub grade materials) and were not surveyed for suspect ACMs. Unidentified suspect ACMs may be located in these and/or other inaccessible areas.

Samples were collected in general accordance with EPA Standard 40 CFR 763 Subpart E, Asbestos Hazard Emergency Response Act (AHERA) and OSHA Standard 29 CFR 1926.1101 Inspection Protocol. Multiple samples of each unique material were submitted. Samples were analyzed using “Positive Stop” methodology. If one sample of a homogeneous material is reported to contain asbestos, the remaining samples of that material are not analyzed. EPA regulations stipulate that if one sample contains asbestos the entire quantity of that material contains asbestos, regardless of additional analysis.

If one sample of a material from a homogeneous area was reported to contain greater than 1% asbestos, then by EPA definition, it was characterized as asbestos-containing material. If samples of non-friable organically bound (NOB) materials were collected and reported by the laboratory to contain less than 1% asbestos by PLM, these materials were re-analyzed in accordance with SC-DHEC requirements for NOB's by transmission electron microscopy (TEM) using the Chatfield method.

4.0 RESULTS

The following is a summary of laboratory results, findings and observations.

4.1 Asbestos-Containing Materials

In total, 26 bulk samples from 8 homogeneous areas were submitted to the laboratory of which 30 layers were analyzed.

An Asbestos-Containing Material (ACM) is defined as any material containing more than one percent (>1%) asbestos as determined using the method specified in Appendix A, Subpart F, 40 CFR Part 763, Section 1, PLM. Materials are categorized by the U.S. EPA in the following categories:

- Friable ACMs are defined as any ACM that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure. Non-friable ACMs are defined as any ACM that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.
- Category I non-friable ACM are listed as following: packings, gaskets, resilient floor coverings, and asphalt roofing products containing more than one percent (>1%) asbestos.
- Category II non-friable ACM are listed as any material, excluding Category I non-friable ACM, containing more than one percent (>1%) asbestos.

Regulated Asbestos Containing Materials (RACM) are friable ACM or non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading or has crumbled, been pulverized, or reduced to powder in the course of renovation and/or demolition operations.

SAI Lab submitted a signed final laboratory report to ECS on June 29, 2020. Of the bulk samples submitted for analysis, four materials were reported to contain asbestos in detectable concentrations. These materials are summarized below. A complete list of the sampled materials submitted for analysis and sample locations are located in the Appendix of this report. Additional details regarding the overall locations of the materials identified as asbestos-containing are provided further in the report. Photographs of collected samples reported as asbestos-containing are also located in the Appendix of this report.

Summary of Asbestos-Containing Materials Identified

Sample ID	Location	Material Description	Analytical Results	Category	Estimated Quantity
01-01,02,03	Kitchen & bathroom	Brown Wall Panel Mastic	None Detected	Non Friable/ Good Condition	20 SF
02-01,02,03	Throughout	Drywall	None Detected	Friable/ Good Condition	2,200 SF
03-01,02,03,04,05	Throughout	Joint Compound	None Detected	Friable/ Good Condition	2,200 SF
04-01,02,03	**HVAC ducts**	**White, Grey and Black Duct Mastic**	**5% Chrysotile**	**Non Friable/ Good Condition**	**100 SF**
05-01,02,03	**Windows**	**Window Caulking**	**2% Chrysotile**	**Non Friable/ Good Condition**	**50 LF**
06-01,02,03	Doors	Door Caulking	None Detected	Non Friable/ Good Condition	16 LF
07-01,02,03	Throughout	Textured Popcorn Ceiling	None Detected	Friable/ Good Condition	990 SF
08-01,02,03	Roof	Roof Shingle & Felt Paper	None Detected	Non Friable/ Good Condition	1,300 SF

*Quantities are estimated and should not be utilized for bidding purposes for abatement.

4.2 Suspect or Assumed Asbestos-Containing Materials

Due to the inaccessibility or the destructive means that asbestos sampling requires, additional suspect ACMs may remain within the building hidden behind inaccessible areas that include, but are not limited to, sub-grade walls, structural members, topping slabs, sub-grade sealants, flooring located below underlayments, areas behind exterior walls, pipe trenches, and subsurface utilities, etc. These areas were deemed inaccessible and were not assessed.

If these materials are discovered during construction activities, they should be presumed to contain asbestos and be treated as ACMs or be sampled immediately upon discovery and prior to disturbance for asbestos content by a certified asbestos inspector in accordance with 29 CFR 1926.1101.

5.0 RECOMMENDATIONS AND REGULATORY REQUIREMENTS

Based on our understanding of the purpose of the Asbestos Assessment, the results of laboratory analysis, and our findings and observations, ECS presents the following recommendations.

5.1 Asbestos-Containing Materials

Based on the laboratory analysis of the bulk samples collected during the assessment, the following materials were reported to contain asbestos:

- **White, Grey and Black Duct Mastic: (Sample ID: 04-01,02,03)**
- **Window Caulking: (Sample ID: 05-01,02,03)**

NESHAP requires the identification of friable ACM and non-friable ACM likely to become friable during demolition and/or renovation activities. NESHAP requires that the identified ACM be removed prior to initiating activities likely to disturb the ACM. Notification to the SC-DHEC is required for demolitions including move-off of a facility and the intentional burning of a facility within South Carolina. Notification is also required for renovations that include the disturbing or removal of regulated quantities of RACM; it is also required for planned renovations to occur at the same facility or project during a year's time. Each structure or facility must have a separate notification. Notification is required for facilities which do not contain asbestos as well. The starting date for demolition or renovation must be at least 10 working days from the date of submission of a complete notification to SCDHEC. ECS recommends abating asbestos containing materials in the structure prior to disturbance. Based on the square footage of friable asbestos containing material, the SCDHEC will require a project design for this abatement project.

ECS recommends that a project specification be prepared to delineate and quantify known and suspect hazardous and regulated materials in the buildings and to outline proper procedures for the abatement. This will help protect the owner's liability in better defining the scope of work and contractors' roles and responsibilities in the abatement process and holding the contractor accountable for the performance of the project. The specification typically defines the Contractor's scope of work and outline requirements and procedures that must be followed for the project. The intent of the specification is to give performance requirements for the Contractor so that the project can be completed safely and in compliance with applicable federal and state regulations. Typically, the specification document serves as part of the site owner's contract with the contractor.

ECS recommends where a material type has been identified as asbestos containing that other materials with similar color, texture, age and size throughout the building's interior and exterior be assumed to contain asbestos. Please refer to Section 4.1 for a complete list of building materials that were reported positive for asbestos and to Section 4.2 for materials that were assumed to contain asbestos.

If ACMs are to be removed, it is recommended that an industrial hygienist monitor the project. This involves collecting air samples from within and outside abatement work areas to monitor the asbestos abatement contractor's work practices over the course of the project. The industrial hygienist should evaluate if the asbestos abatement work is in accordance with project specifications, U.S. EPA regulation 40 CFR Part 61-National Emission Standards for Hazardous Air Pollutants Subpart M: National Emission Standard for Asbestos, and U.S. Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1926.1101 – Asbestos in Construction. The industrial hygienist should assess each work area to monitor the removal of ACMs. Only after the industrial hygienist has determined the identified ACMs have been removed should final clearance air samples be collected (if necessary).

6.0 LIMITATIONS

The conclusions and recommendations presented within this report are based upon a reasonable level of assessment within normal bounds and standards of professional practice for a site in this particular geographic setting. ECS is not responsible or liable for the discovery and elimination of hazards that may potentially cause damage, accidents, or injuries.

The observations, conclusions, and recommendations pertaining to environmental conditions at the subject site are necessarily limited to conditions observed, and/or materials reviewed at the time this study was undertaken. No warranty, expressed or implied, is made with regard to the conclusions and recommendations presented within this report. This report is provided for the exclusive use of the client. This report is not intended to be used or relied upon in connection with other projects or by other unidentified third parties without the written consent of ECS and the client.

Our recommendations are in part based on federal, state, and local regulations and guidelines. ECS does not assume the responsibility of the person(s) in charge of the site, or otherwise undertake responsibility for reporting to any local, state, or federal public agencies, any conditions at the site that may present a potential danger to public health, safety, or the environment. Under this scope of services, ECS assumes no responsibility regarding any response actions initiated as a result of these findings. General compliance with regulations and response actions are the sole responsibility of the Client and should be conducted in accordance with local, state, and/or federal requirements.

Appendix I: Figures

ASBESTOS ASSESSMENT

SITE LOCATION

605 North Maple Street,
Summerville, South Carolina
29483
ECS Project No. 49-11848

Source: Dorchester County GIS

ASBESTOS ASSESSMENT

SAMPLE LOCATIONS

605 North Maple Street,
Summerville, South Carolina
29483
ECS Project No. 49-11848

LEGEND:

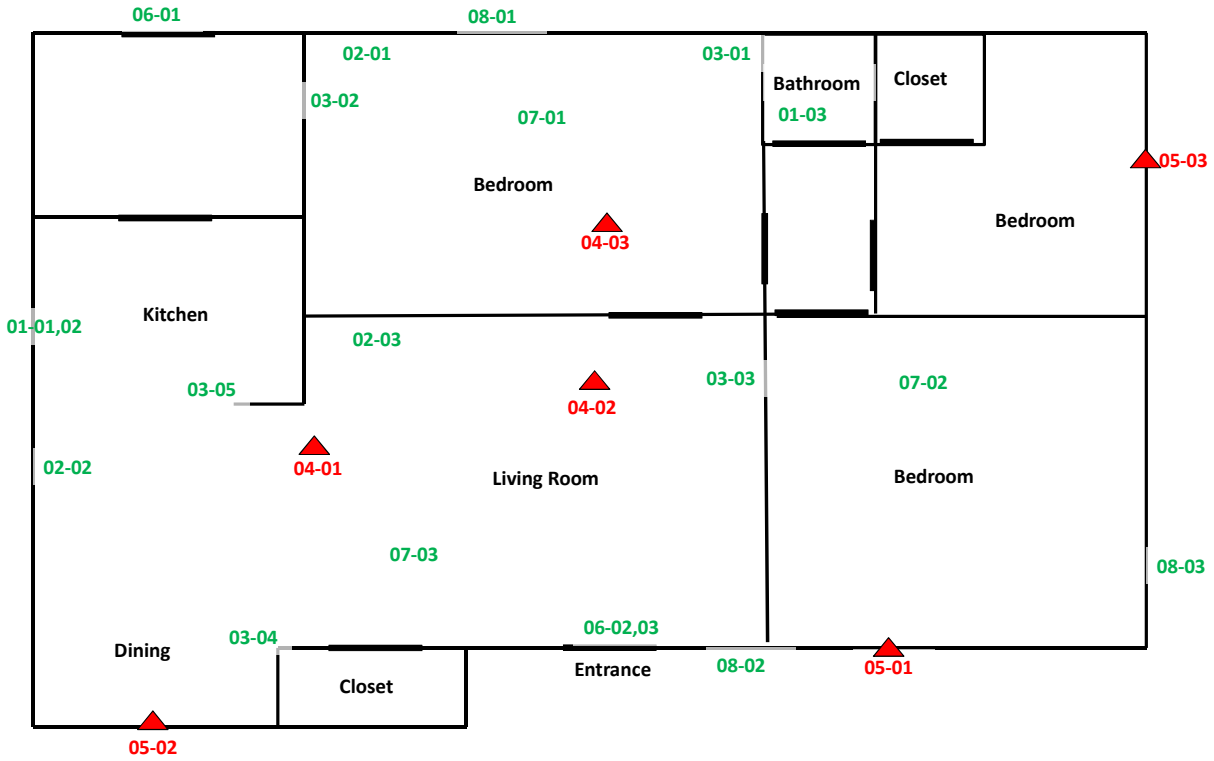
XX-XX Sample Negative

Sample Positive

NOTES:

- Not to scale
- Samples Color Coded

It is important to note that the HVAC Duct Mastic throughout the ductwork in the residence along with the exterior window caulking are reported to be asbestos containing



Appendix II: Site Photographs

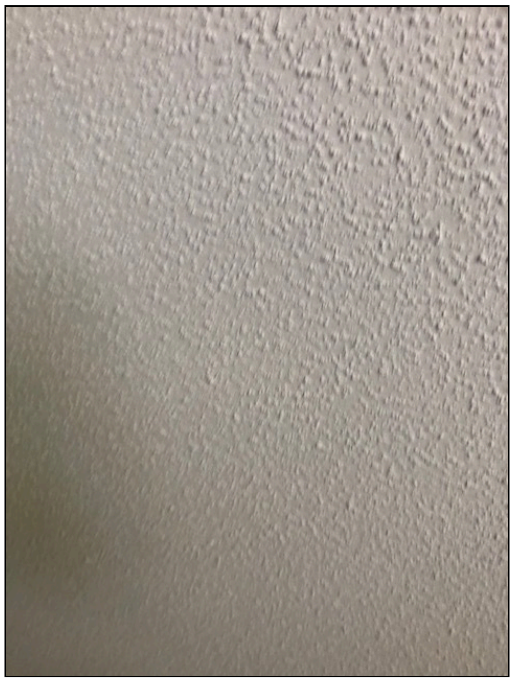
1 - Image of the subject property

2 - Image of white, grey and black duct mastic: (Sample ID 04-01,02,03)

3 - Image of window caulking: (Sample ID 05-01,02,03)

4 - Image of roof shingle & felt paper

5 - Image of door caulking



6 - Image of textured ceiling

7 - Image of drywall sample

8 - Image of joint compound sample

9 - Image of brown wall panel mastic

Appendix III: Asbestos Bulk Sample Results

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E

NVLAP LAB CODE 200644-0

Customer: ECS Carolinas, LLP
3820 Faber Place
North Charleston, SC 29405

Attn: Kurt Gauthier

Project: 18048: 605 N. Maple St.

Lab Order ID: 71945062
Analysis ID: 71945062_PLM
Date Received: 6/25/2020
Date Reported: 6/26/2020

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
01-01	Brown wall panel mastic	None Detected	20% Cellulose	80% Other	Tan Non Fibrous Heterogeneous
71945062PLM_1					Ashed
01-02	Brown wall panel mastic	None Detected	20% Cellulose	80% Other	Tan Non Fibrous Heterogeneous
71945062PLM_2					Ashed
01-03	Brown wall panel mastic	None Detected	20% Cellulose	80% Other	Tan Non Fibrous Heterogeneous
71945062PLM_3					Ashed
02-01	Drywall	None Detected	10% Cellulose	90% Other	Gray Non Fibrous Heterogeneous
71945062PLM_4					Crushed
02-02	Drywall	None Detected	10% Cellulose	90% Other	Gray Non Fibrous Heterogeneous
71945062PLM_5					Crushed
02-03	Drywall	None Detected	10% Cellulose	90% Other	Gray Non Fibrous Heterogeneous
71945062PLM_6					Crushed
03-01	Joint compound	None Detected		100% Other	White Non Fibrous Heterogeneous
71945062PLM_7					Crushed
03-02	Joint compound	None Detected		100% Other	White Non Fibrous Heterogeneous
71945062PLM_8					Crushed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Jalen Moore (29)

Analyst

Approved Signatory

P-F-002 r15 1/16/2021

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E

NVLAP LAB CODE 200644-0

Customer: ECS Carolinas, LLP
3820 Faber Place
North Charleston, SC 29405

Attn: Kurt Gauthier

Project: 18048: 605 N. Maple St.

Lab Order ID: 71945062
Analysis ID: 71945062_PLM
Date Received: 6/25/2020
Date Reported: 6/26/2020

Sample ID *Lab Sample ID*	Description *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
03-03 *71945062PLM_9*	Joint compound	**None Detected**		**100% Other**	White Non Fibrous Heterogeneous Crushed
03-04 *71945062PLM_10*	Joint compound	**None Detected**		**100% Other**	White Non Fibrous Heterogeneous Crushed
03-05 *71945062PLM_11*	Joint compound	**None Detected**		**100% Other**	White Non Fibrous Heterogeneous Crushed
04-01 *71945062PLM_12*	White, grey & black duct mastic	**5% Chrysotile**	**15% Cellulose** **15% Fiber Glass**	**65% Other**	White, Gray Non Fibrous Heterogeneous Ashed
04-02 *71945062PLM_13*	White, grey & black duct mastic	**Not Analyzed**			
04-03 *71945062PLM_14*	White, grey & black duct mastic	**Not Analyzed**			
05-01 *71945062PLM_15*	Window caulking	**2% Chrysotile**		**98% Other**	Gray Non Fibrous Heterogeneous Ashed
05-02 *71945062PLM_16*	Window caulking	**Not Analyzed**			

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Jalen Moore (29)

Analyst

Approved Signatory

P-F-002 r15 1/16/2021

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E

NVLAP LAB CODE 200644-0

Customer: ECS Carolinas, LLP
3820 Faber Place
North Charleston, SC 29405

Attn: Kurt Gauthier

Project: 18048: 605 N. Maple St.

Lab Order ID: 71945062
Analysis ID: 71945062_PLM
Date Received: 6/25/2020
Date Reported: 6/26/2020

Sample ID *Lab Sample ID*	Description *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
05-03 *71945062PLM_17*	Window caulking	**Not Analyzed**			
06-01 *71945062PLM_18*	Door caulking	**None Detected**		**100% Other**	Gray Non Fibrous Heterogeneous Ashed
06-02 *71945062PLM_19*	Door caulking	**None Detected**		**100% Other**	Gray Non Fibrous Heterogeneous Ashed
06-03 *71945062PLM_20*	Door caulking *TEM*	**Not Analyzed**			
07-01 *71945062PLM_21*	Textured popcorn ceiling	**None Detected**		**90% Other** **10% Vermiculite**	White Non Fibrous Heterogeneous Crushed
07-02 *71945062PLM_22*	Textured popcorn ceiling	**None Detected**		**90% Other** **10% Vermiculite**	White Non Fibrous Heterogeneous Crushed
07-03 *71945062PLM_23*	Textured popcorn ceiling	**None Detected**		**90% Other** **10% Vermiculite**	White Non Fibrous Heterogeneous Crushed
08-01 - A *71945062PLM_24*	Roof shingle & felt *shingle*	**None Detected**	**20% Fiber Glass**	**80% Other**	Black Non Fibrous Heterogeneous Dissolved

Jalen Moore (29)

Analyst

Approved Signatory

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E

NVLAP LAB CODE 200644-0

Customer: ECS Carolinas, LLP
3820 Faber Place
North Charleston, SC 29405

Attn: Kurt Gauthier

Project: 18048: 605 N. Maple St.

Lab Order ID: 71945062
Analysis ID: 71945062_PLM
Date Received: 6/25/2020
Date Reported: 6/26/2020

Sample ID *Lab Sample ID*	Description *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
08-01 - B	Roof shingle & felt	None Detected	60% Cellulose	40% Other	Black Fibrous Heterogeneous
71945062PLM_27	*felt*				Ashed
08-02 - A	Roof shingle & felt	None Detected	20% Fiber Glass	80% Other	Gray Non Fibrous Heterogeneous
71945062PLM_25	*shingle*				Dissolved
08-02 - B	Roof shingle & felt	None Detected	60% Cellulose	40% Other	Black Fibrous Heterogeneous
71945062PLM_28	*felt*				Ashed
08-03 - A	Roof shingle & felt	None Detected	20% Fiber Glass	80% Other	Black Non Fibrous Heterogeneous
71945062PLM_26	*shingle*				Dissolved
08-03 - B	Roof shingle & felt	None Detected	60% Cellulose	40% Other	Black Fibrous Heterogeneous
71945062PLM_29	*felt*				Ashed

Jalen Moore (29)

Analyst

Approved Signatory

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

Lab Use Only
Lab Order ID: 1194502
Client Code: _____

Company Contact Information	
Company: ECS Southeast	Contact: Kurt Gauthier
Address: 3820 Faber Place Dr.	Phone ☐:
S-200 N. Charleston	Fax ☐:
SC 29405	Email ☒: Kgauthier@ecslimited.com

Billing/Invoice Information	Turn Around Times	
Company: SAME ↑	90 Min. ☐	48 Hours ☐
Contact:	3 Hours ☐	72 Hours ☐
Address:	6 Hours ☐	96 Hours ☐
	12 Hours ☐	120 Hours ☐
	24 Hours ☒	144⁺Hours ☐

PLM&TEM

PO Number:
Project Name/Number: 10848: 605 N. Maple St

Asbestos Test Types	
PLM EPA 600/R-93/116 (PLM)	☒
Positive stop	☒
PLM Point Count 400 (PT4)	☐
PLM Point Count 1000 (PTM)	☐
PCM NIOSH 7400-A Rules (PCM)	☐
B Rules (PCB) ☐ TWA (PTA) ☐	
TEM AHERA (AHE)	☐
TEM Level II (LII)	☐
TEM NIOSH 7402 (TNI)	☐
TEM Bulk Qualitative (TBL)	☐
TEM Bulk Chatfield (TBS)	☒
TEM Bulk Quantitative (TBQ)	☐
TEM Wipe ASTM D6480-05	☐
TEM Microvac ASTM D5755-02	☐
TEM Water EPA 100.2 (TW1)	☐
Other: _____	☐

Sample ID #		Volume/Area	Comments
01-01.02.03	Brown wall Panel Mastic	20 SF	Kitchen / Bathroom
02-01.02.03	Drywall	2,000SF	
03-01.02.03 04-05	Joint Compound	2,000SF	
04-01.02.03	White, Grey & Black duct Mastic	120 SF	HVAC
05-01.02.03	Window Caulking	40LF	
06-01.02.03	Door caulking	16LF	
07-01.02.03	Textured Popcorn ceiling	990 SF	
08-01.02.03	Roof Shingle + felt	1,300SF	Roof

Accepted ☒
Rejected ☐

Total # of Samples: 8

Relinquished by	Date/Time	Received by	Date/Time
	6/24/20 4:30pm	4/25	12pm

PLM 3 3 1 1 3 6 6 2 2 (11) (24) 96-96

Bulk Asbestos Analysis
by Transmission Electron Microscopy

Semi-Quantitative
Chatfield SOP 1988-02 Rev. 1

Customer: ECS Carolinas, LLP
3820 Faber Place
North Charleston, SC 29405

Attn: Kurt Gauthier

Project: 18048: 605 N Maple St

Lab Order ID: 71945126
Analysis ID: 71945126_TB
Date Received: 6/26/2020
Date Reported: 6/29/2020

Sample ID	Description	Organic	Acid Sol.	Asbestos	LCL-UCL
Lab Sample ID	*Lab Notes*	*(Wt. %)*	*(Wt. %)*	*(Wt. %)*	*(Wt. %)*
06-03	**Door caulking**	**27%**	**-**	**None Detected**	
71945126TBS_1					

Daniel Schwartz (1)

Analyst

Approved Signatory

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

Lab Use Only
Lab Order ID: 1194502
Client Code: _____

Company Contact Information	
Company: ECS Southeast	Contact: Kurt Gauthier
Address: 3820 Faber Place Dr.	Phone ☐:
S-200 N. Charleston	Fax ☐:
SC 29405	Email ☒: Kgauthier@ecslimited.com

Billing/Invoice Information	Turn Around Times	
Company: SAME ↑	90 Min. ☐	48 Hours ☐
Contact:	3 Hours ☐	72 Hours ☐
Address:	6 Hours ☐	96 Hours ☐
	12 Hours ☐	120 Hours ☐
	24 Hours ☒	144⁺Hours ☐

PLM&TEM

PO Number:
Project Name/Number: 10848: 605 N. Maple St

Asbestos Test Types	
PLM EPA 600/R-93/116 (PLM)	☒
Positive stop	☒
PLM Point Count 400 (PT4)	☐
PLM Point Count 1000 (PTM)	☐
PCM NIOSH 7400-A Rules (PCM)	☐
B Rules (PCB) ☐ TWA (PTA) ☐	
TEM AHERA (AHE)	☐
TEM Level II (LII)	☐
TEM NIOSH 7402 (TNI)	☐
TEM Bulk Qualitative (TBL)	☐
TEM Bulk Chatfield (TBS)	☒
TEM Bulk Quantitative (TBQ)	☐
TEM Wipe ASTM D6480-05	☐
TEM Microvac ASTM D5755-02	☐
TEM Water EPA 100.2 (TW1)	☐
Other: _____	☐

Sample ID #		Volume/Area	Comments
01-01.02.03	Brown wall Panel Mastic	20 SF	Kitchen / Bathroom
02-01.02.03	Drywall	2,000SF	
03-01.02.03 04-05	Joint Compound	2,000SF	
04-01.02.03	White, Grey & Black duct Mastic	120 SF	HVAC
05-01.02.03	Window Caulking	40LF	
06-01.02.03	Door caulking	16LF	
07-01.02.03	Textured Popcorn ceiling	990 SF	
08-01.02.03	Roof Shingle + felt	1,300SF	Roof

Accepted ☒
Rejected ☐

Total # of Samples: 8

Relinquished by	Date/Time	Received by	Date/Time
	6/24/20 4:30pm	4/25	12pm

PLM 3 3 1 1 3 6 6 2 2 (11) (24) 96-96

Appendix IV: Certifications/ Licenses

SCDHEC ISSUED

Asbestos ID Card

Justin Roth

CONSULTBI **BI-01189**

Expiration Date:
09/04/20

SCDHEC ISSUED

Asbestos ID Card

Kurt Gauthier

			Expire Date:
CONSULTBI	**BI-01787**	**02/02/21**
CONSULTPD	**PD-00209**	**03/29/20**