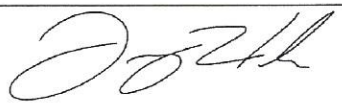
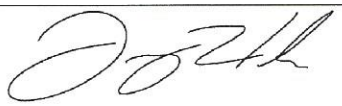
1.0 Signature Page

As authorized by our client, Tabithea Busby, property owner, Applied Environmental Solutions (AES) has completed an Asbestos Building Inspection on the Commercial Property located at 1013 Carver St. in Myrtle Beach, South Carolina. The inspection was conducted by and the report was prepared and reviewed by the undersigned.

Inspection Conducted By:	**SCDHEC #**	**License Expiration Date**	**Signature**	**Date**
Jeremy Hudson	BI-01530	06/13/2019		01/09/2019
Report Prepared By:	**SCDHEC #**	**License Expiration Date**	**Signature**	**Date**
Jeremy Hudson	BI-01530	06/13/2019		01/22/2019

2.0 Executive Summary

As authorized by Tabithea Busby, AES conducted an Asbestos Survey of the facility on Wednesday January 09, 2019. The purpose of this survey was to identify any Asbestos Containing Building Materials (ACBM's) within the structure. The structure is severely dilapidated and is scheduled for future demolition.

Site Description

The subject building, totaling approximately 787 Sq Ft± contains four (4) individual rental units, each containing an open room with two (2) conjoining bathrooms and two (2) small kitchenettes. It should be noted that severe structural damage and an excess of debris made it impossible to navigate the interior spaces to complete a proper visual inspection and design of layout and dimensions. There were no indications that it had ever been utilized for the manufacturing and/or storage of materials that would be considered a threat to human health. Information gained would estimate that the building was originally constructed in the early 1950s.

Sampling Methods

During the asbestos survey, a total of fourteen (14) samples of suspect/unknown building materials were collected and submitted for laboratory analysis by Polarized Light Microscopy (PLM) and the Transmission Electron Microscope (TEM) methods. Materials with a * were suspected of containing asbestos, were sampled and were sent for laboratory analysis (There were materials suspect of being Asbestos Containing Building Materials found within the facility).

A visual description of building materials found within the facility would include floor coverings of *Blue 9x9 Floor Tiles on a concrete slab. Ceiling coverings consisted of non suspect wood paneling. Interior walls consisted of concrete block w/*Texture. There was no insulation observed within the interior wall cavities. The roof consisted of a sloped roof system with *Asphalt Shingles, *Black Tar-Like Material and a wooden substrate.

Limitations and Exceptions

Only areas subject to the demolition, in this case, the entire structure, were analyzed for ACBM's. If the scope of demolition changes at any time during the project, work should stop and the property should be re-assessed. This report is based on a non-destructive survey of an unfamiliar site. Every effort was made to locate the presence of asbestos containing building materials (ACBMs) within the areas included in the survey.

It is recognized that construction techniques often create inaccessible void spaces, which without destructive sampling techniques being employed, would not be accessed during this survey. It must therefore be assumed that ACBMs other than those located within the survey may exist within the facility.

For the reasons set above, we cannot give assurances that all asbestos containing materials have been located and as such we recommend that further sampling be undertaken should these areas become accessible during the course of any future renovation and/or demolition activities.

Findings

- Asbestos Containing Building Materials (ACBMs) WERE identified within the facility
  - *HA1 – Blue 9x9 Floor Tiles (Assumed Positive)
  - *HA81 – Roofing Materials – Black Tar-Like Material (2% Chrysotile)
- See Section 4.1 - Material Data Tables for more details

***These materials are currently classified as Friable Asbestos Containing Building Materials (ACBMs) and will need to be removed by a South Carolina Licensed Abatement Contractor.**

***Due to excessive structural damage and contamination of ACBMs within the structure, it is recommended to proceed with Abatement by Demolition, as it would be unsafe for workers to enter the structure and perform standard Abatement procedures.**

If desired, *Applied Environmental Solutions* will assist in preparing, an *Asbestos Abatement Project Licenses Application* (DHEC form 3430) and a *Notification of Demolition* (DHEC Form 3428), and forward them to the South Carolina Department of Health and Environmental Control-Asbestos Division for action as appropriate. The projected date for approval to proceed will be approximately ten (10) working days after date of posting.

This report is based on a non-destructive survey of an unfamiliar site. Every effort was made to locate the presence of asbestos containing building materials (ACBMs) within the areas included in the survey. It is recognized that construction techniques often create inaccessible void spaces, which without destructive sampling techniques being employed, would not be accessed during this survey. It must therefore be assumed that ACBMs other than those located within the survey may exist within the facility.

Jeremy Hudson
Consultant
SCDHEC # BI-01530

3.0 Scope of Work

Applied Environmental Solutions utilized only SCDHEC licensed and AHERA certified asbestos building inspectors, management planners and/or project designers, as needed, to complete the project. The laboratory utilized, EHS Laboratories, is accredited IAW 40 CFR 163 & FR/ Vol. 52. No. 210_763.91 Analysis.

Visual Inspection

An initial building walk-through was attempted to determine the presence and condition of suspect materials that were accessible and/or exposed. Excessive structural damage and debris within the interior spaces made it impossible to conduct a thorough walk-through of the building. Materials which were visually similar in color, texture, and general appearance, and which appeared to have been installed at the same time were grouped into homogeneous sampling areas. Such materials are termed "homogeneous materials" by the EPA. During this walk-through, the approximate locations of the observed homogeneous materials were noted. Only materials that were accessible and/or exposed and suspected to contain asbestos were identified. Following the EPA inspection protocol, each identified suspect homogeneous material may be placed in one of the following EPA classifications:

- Surfacing Materials (spray or trowel applied to building members)
- Thermal System Insulation (materials generally applied to various mechanical systems)
- Miscellaneous Materials (any materials which do not fit either of the above categories)

Sampling Procedures

Following the visual survey, the inspector collected representative samples of exposed and/or accessible materials identified as suspect ACM. Sampling was limited to those accessible materials not involving wholesale destruction of walls, other building elements, physical barriers, or the structural integrity of the component being tested.

General EPA guidelines were used to determine the sampling protocol. Sampling locations were chosen to be representative of the homogeneous materials.

Quantification

Quantities of accessible and/or exposed building materials that were identified as suspect asbestos-containing materials were estimated. This estimation was conducted by taking approximate measurements in the field.

Quantities are estimates should be confirmed by an engineering survey if demolition activities are contemplated. The level of detail provided by an engineering survey, which is required for a construction estimate, is beyond the scope of the present survey.

Material Assessment

The condition of the suspect material is an indication of the likelihood that it may release asbestos fibers in to the environment. The combination of its current condition coupled with the potential for damage to the material in the future determines which EPA response priority is appropriate for that material.

The condition of each homogeneous suspect material identified within the facility was assessed using the EPA decision tree approach. The friability of each material was determined and then its condition and potential for future damage was assessed using the following criteria:

Source and type of damage

- Physical contact
- Water or air erosion
- Deterioration or material delamination

Extent of damage:

- Good: No damage or little damage
- Damaged: Less than 10% damage, evenly distributed over the entire material or less than 25% damage confined to a localized area of the material.
- Significantly damaged: 10% or more damage distributed evenly over the entire material or 25% or more damage within a localized area of the material

Potential for future damage:

- Frequency of access to material
- Height of material
- Location of material in a plenum
- Exposure of material
- Accessibility
- Presence in an area of air movement, vibrations, loud noises

4.0Material Data Tables

4.1 Suspect Material Data Table

Project Name: AS1903 – Commercial Property
Site: 1013 Carver St. Myrtle Beach, SC
Inspector Name: Jeremy Hudson
Date: 22 January, 2019

HA #	ACM	MATERIAL DESCRIPTION	CATEGORY	FRIABLE F/NF	QUANTITY SQ FT±	NO. SAMPLE TAKEN	PRESENT CONDITION	POTENTIAL FOR DISTURBANCE	POSITIVE (P) OR NON DETECTED (ND)
1	AP	BLUE 9X9 FLOOR TILES	MISC	F	787 SQ FT±	N/A	SD	PD	ASSUMED POSITIVE
	LOCATION: ALL INTERIOR SPACES						NOTE: FRIABLE DUE TO EXCESSIVE DAMAGE		
20	ND	INTERIOR WALL TEXTURE	SURF	NF	2,550 SQ FT±	5	D	LPD	ND
	LOCATION: ALL INTERIOR WALLS						NOTE: POSITIVE BY CONTAMINATION OF ROOFING MATERIALS		
50	ND	EXTERIOR WALL TEXTURE	SURF	NF	950 SQ FT±	3	D	LPD	ND
	LOCATION: ALL EXTERIOR WALLS						NOTE:		
80	P/A	ROOFING MATERIALS – ROLLED ASPHALT SHINGLES	MISC	F	925 SQ FT±	3	SD	PSD	POSITIVE BY ASSOCIATION WITH HA81 ROOFING MATERIALS
	LOCATION: ENTIRE ROOF, TOP LAYER						NOTE: FRIABLE DUE TO EXCESSIVE DAMAGE		
81	P	ROOFING MATERIAL – BLACK TAR-LIKE	MISC	F	925 SQ FT±	3	SD	PSD	2% CHRYSOTILE PRESENT
	LOCATION: ENTIRE ROOF, BOTTOM LAYER						NOTE: FRIABLE DUE TO EXCESSIVE DAMAGE		
	LOCATION:						NOTE:		
	LOCATION:						NOTE:		

(ACM) ASBESTOS FINDINGS P = POSITIVE (%) ND = NON DETECT

CATEGORY (SURF) SURFACING, TSI, (MISC) MISCELLANEOUS

PRESENT CONDITION
G =GOOD (VERY LOCALIZED LIMITED DAMAGE)
D= DAMAGED (DAMAGE < 10% DISTRIBUTED OR < 25% LOCALIZED)
SD= SIGNIFICANTLY DAMAGED (DAMAGE = OR > 10% DISTRIBUTED / 25% LOCALIZED

POTENTIAL FOR FUTURE DISTURBANCES
LPD = LOW POTENTIAL FOR DISTURBANCE (CONTACT/VIBRATION/AIEROSION ALL OF LOW CONCERN)
PD = POTENTIAL FOR DAMAGE (CONTACT/ VIBRATION/ AIR EROSION OF MODERATE CONCERN)
PSD = POTENTIAL FOR SIGNIFICANT DAMAGE (CONTACT/VIBRATION/AIR EROSION OF HIGH CONCERN

HA# = HOMOGENOUS AREA NUMBER

4.2 Building Materials

Project Name:	AS1903 – Commercial Property	**Inspector Name:**	Jeremy Hudson
Site:	1013 Carver St. Myrtle Beach, SC	**Date:**	22 January, 2019
Floors:	**All**	**Building Size:**	787 SQ FT±

BUILDING MATERIALS/ CONSTRUCTION	**SQ FT**	*** Tested for ACM's**
EXTERIOR		
STRUCTURE:		CONCRETE SLAB FOUNDATION, CONCRETE BLOCK WALLS, PITCHED ROOF
EXTERIOR COVERING:		STUCCO
EXTERIOR COATING:		PAINT
DOORS:		WOOD
WINDOWS:		WOOD/GLASS
ROOF MATERIALS:		*ASPAHLT SHINGLES, *BLACK TAR-LIKE MATERIAL, WOODEN SUBSTRATE
ROOF INSULATION:		NONE
EAVES:		WOOD
ROOF DRAIN:		NONE
INTERIOR		
FLOOR COVERING:		*9X9 FLOOR TILES
WALL COVERING:		CONCRETE BLOCK WALLS W/*TEXTURE
CEILING MATERIALS:		NON-SUSPECT WOOD PANELING
WATERPROOFING:		NONE
FIRE DOORS:		NONE
MECHANICAL		
FURNACE/ BOILER JACKET:		NONE
EXHAUST BREECHING:		NONE
PIPE INSULATION		NONE
FITTING INSULATION:		NONE
HEAT SHIELDS:		NONE
EXPANSION TANK INSULATION:		NONE
PIPE INSULATION:		NONE
FITTING INSULATION:		NONE
HVAC DUCTWORK:		N/A
FLEX CONNECTORS:		NONE
NOTE: THERE WERE NO OTHER SUSPECT MATERIALS IDENTIFIED		

5.0 Conclusion

A visual inspection and sampling survey of impacted materials within the facility was conducted in accordance with the general Environmental Protection Agency (EPA) / Asbestos Hazard Emergency Response Act (AHERA) sampling guidelines to determine the presence of exposed and/or accessible suspect asbestos-containing materials.

During the asbestos survey, a total of fourteen (14) samples of suspect/unknown building materials were collected and submitted for laboratory analysis by Polarized Light Microscopy (PLM) and the Transmission Electron Microscope (TEM) methods. Materials with a * were suspected of containing asbestos, were sampled and were sent for laboratory analysis (There were materials suspect of being Asbestos Containing Building Materials found within the facility).

Findings

- Asbestos Containing Building Materials (ACBMs) WERE identified within the facility
  - *HA1 – Blue 9x9 Floor Tiles (Assumed Positive)
  - *HA81 – Roofing Materials – Black Tar-Like Material (2% Chrysotile)
- See Section 4.1 - Material Data Tables for more details

***These materials are currently classified as Friable Asbestos Containing Building Materials (ACBMs) and will need to be removed by a South Carolina Licensed Abatement Contractor.**

***Due to excessive structural damage and contamination of ACBMs within the structure, it is recommended to proceed with Abatement by Demolition, as it would be unsafe for workers to enter the structure and perform standard Abatement procedures.**

If desired, *Applied Environmental Solutions* will assist in preparing, an *Asbestos Abatement Project Licenses Application* (DHEC form 3430) and a *Notification of Demolition* (DHEC Form 3428), and forward them to the South Carolina Department of Health and Environmental Control-Asbestos Division for action as appropriate. The projected date for approval to proceed will be approximately ten (10) working days after date of posting.

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Jeremy Hudson
Consultant
SCDHEC # BI-01530

6.0 Recommendations

It is recommended that notification of the presence of ACBMs be provided to personnel engaged in day-to-day activities within the structure.

Due to excessive structural damage and contamination of ACBMs within the structure, it is recommended to proceed with Abatement by Demolition, as it would be unsafe for workers to enter the structure and perform standard Abatement procedures.

During demolition activities, if additional materials suspect of containing asbestos are identified, suspend work activities, and contact Jeremy Hudson @ 843.742.1344

Jeremy Hudson
Jeremy Hudson
SCDHEC # BI-01530

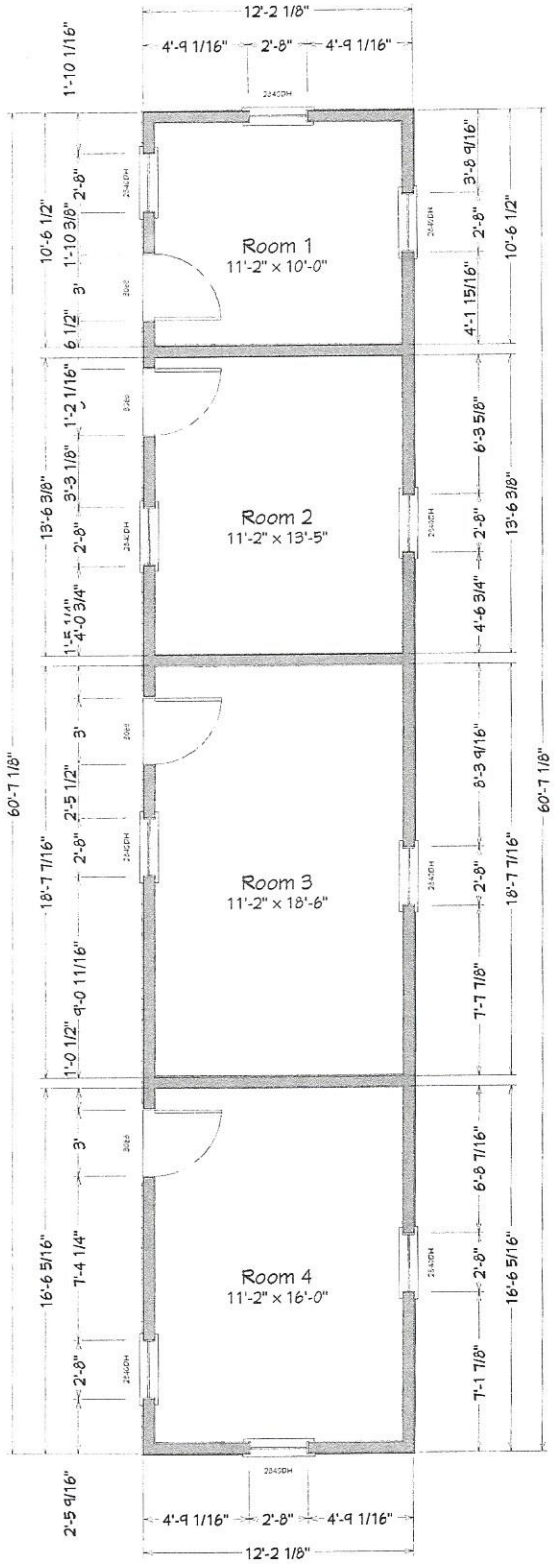
GRAPHICS

GRAPHICS – SITE PLANS

1013 Carver St. Myrtle Beach, SC

Original Site Plan - Ground Level

AES - Asbestos Division
Jeremy Hudson
SCDHEC# BI-01530
Exp. 06/13/19



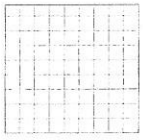
Notes:

*NOTE: Due to structural damage causing lack of access to the interior, dimensions may not be accurate. Drawings are for reference only.

1013 Carver St. Myrtle Beach, SC

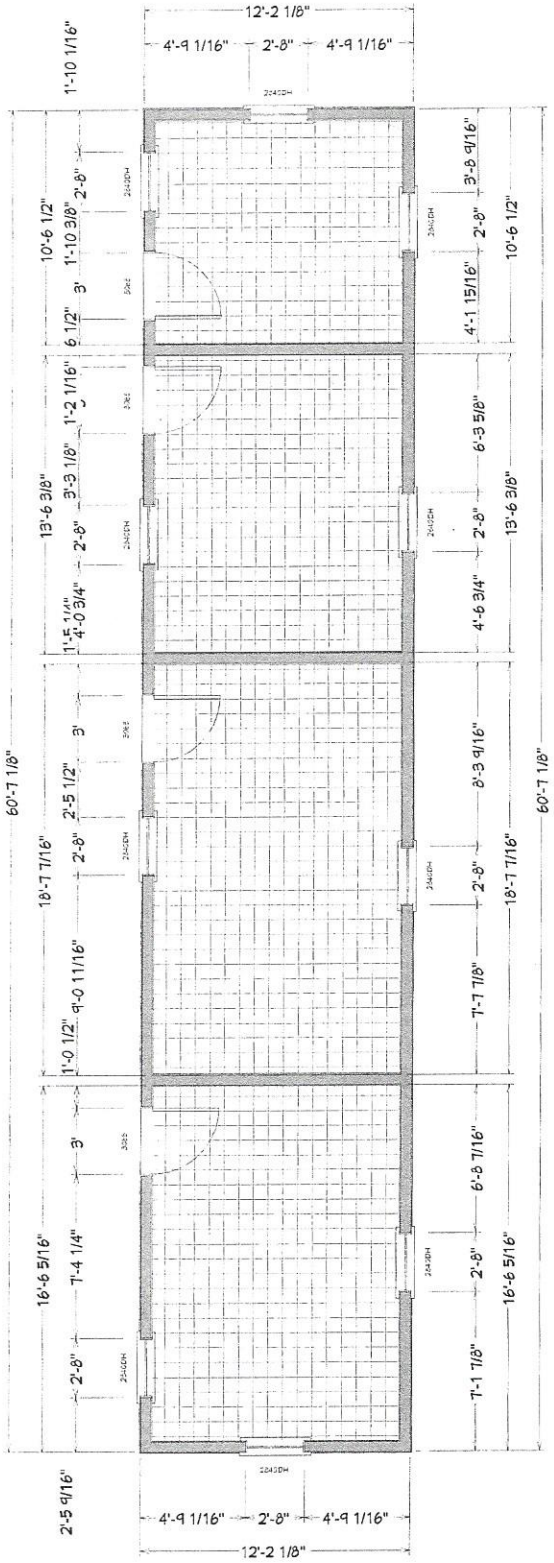
ACBM Site Plan - Ground Level

AES - Asbestos Division
Jeremy Hudson
SCDHEC# BI-01530
Exp. 06/13/19



HA1 - 9x9 Floor Tiles
Assumed Positive
Approx. 787 sq ft

Notes: _____

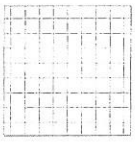


*NOTE: Due to structural damage causing lack of access to the interior, dimensions may not be accurate. Drawings are for reference only.

1013 Carver St. Myrtle Beach, SC

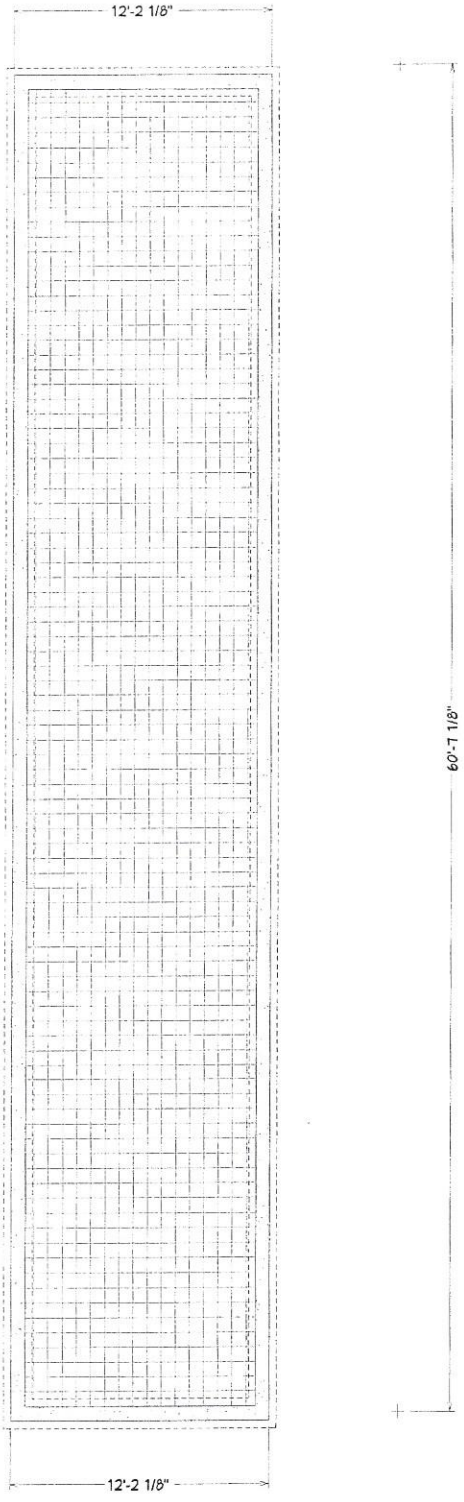
ACBM Site Plan - Roof Level

AES - Asbestos Division
Jeremy Hudson
SCDHEC# BI-01530
Exp. 06/13/19



HA81 - Roofing Materials - Tar-Like Material
2% Chrysotile Present in Black Tar-Like Material
Approx. 925 sq ft

Notes:

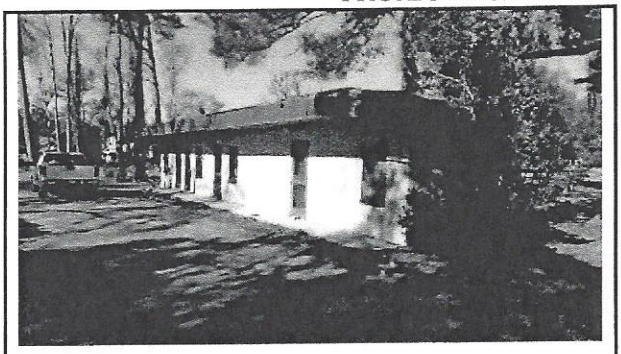


LIVING AREA
738 sq ft

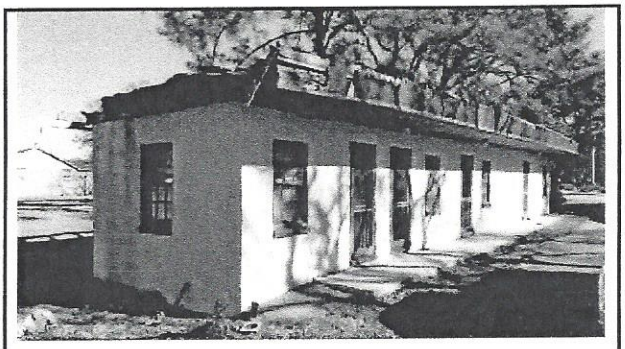
*NOTE: Due to structural damage causing lack of access to the interior, dimensions may not be accurate. Drawings are for reference only.

PHOTOGRAPHS

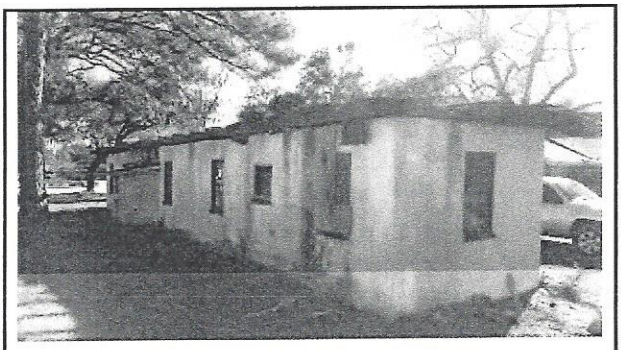
Picture 1 – Property Map



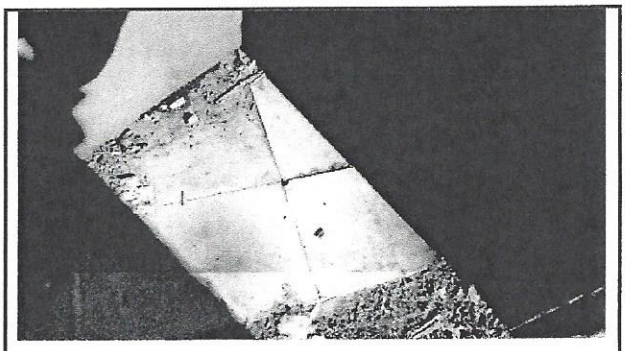
Picture 2 – Front of Building



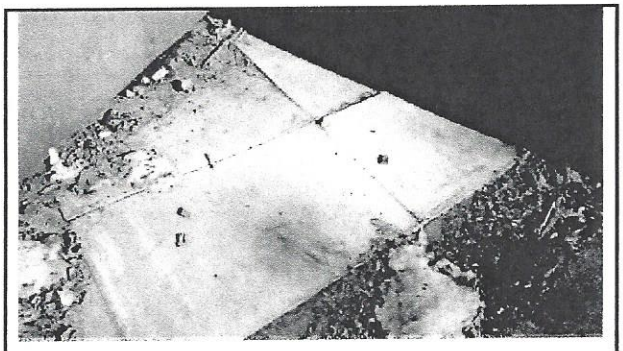
Picture 3 – Rear of Building



Picture 4 – Spivey Ave. Side of Building

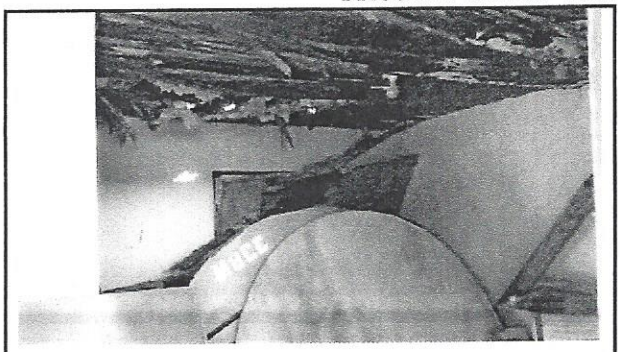


Picture 5 – *HA1 9x9 Floor Tiles
Assumed Positive, Approx. 787 sq ft±

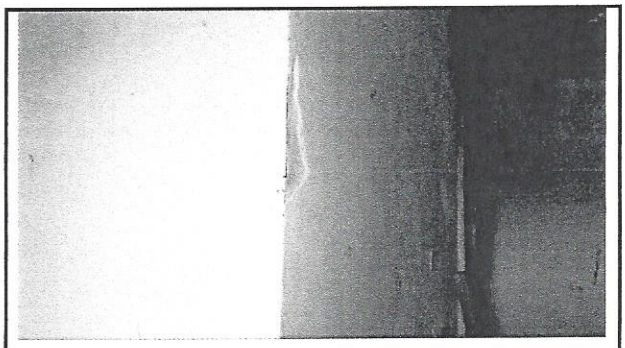


Picture 6 – *HA1 9x9 Floor Tiles
Assumed Positive, Approx. 787 sq ft±

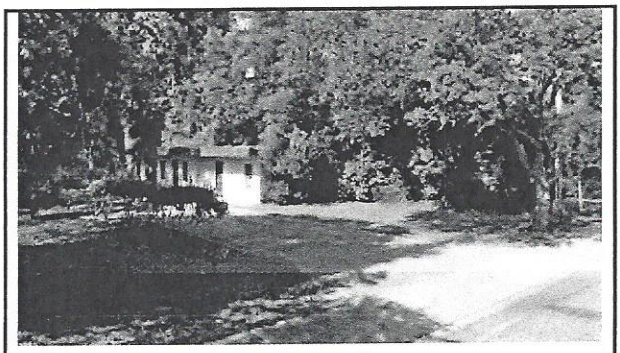
Picture 7 – Room Interior, excessive clutter and structural damage from ceiling collapse



Picture 8 – Room Interior, excessive clutter and structural damage from ceiling collapse



Picture 9 – *HA20 Concrete Walls w/Texture



Picture 10 – Street View

CHAIN OF CUSTODY
AND
LABORATORY RESULTS

CHAIN OF CUSTODY
&
LABORATORY RESULTS

EHS Laboratories™

Environmental Hazards Services, LLC
www.lead.com 7469 Whitepine Rd
(800) 347-4010 Richmond, VA 23237
(804) 275-4907 (fax)

Asbestos Chain-of-Custody

COMPANY USE ONLY

Company Name: Environmental Service Group Address: PO Box 2798 City/State/Zip: Myrtle Beach, SC 29578

Phone: (843) 902-4495 Fax: (843) 293-7977 E-mail: environmentalservice@sc.rr.com Acct. Number: 42-6337

Project Name / Testing Address: Commercial Property – 1013 Carver St. City/State (Required): Myrtle Beach, SC

Collected by: Jeremy Hudson Purchase Order No. AS1903

Turn Around Times: **If No TAT is specified, sample(s) will be processed and charged as 3-day TAT.**

1-Day 2-Day X 3-Day Same Day (Must call ahead) Weekend (Must call ahead)

No.	Client Sample ID	Date Collected	ASBESTOS							AIR					COMMENTS
			PLM	PLM Point Count 400	PLM Point Count 1000	PLM NY Protocol	PCM	TEM (Chatfield Bulk)	TEM AHERA (Air)	Time On	Time Off	Flow Rate (L/Min)	Total Time (minutes)	Volume (Total Liters)	
1	20-T1	01/09/19	X												Concrete Walls w/Texture
2	20-T2		X												Concrete Walls w/Texture
3	20-T3		X												Concrete Walls w/Texture
4	20-T4		X								POSITIVE STOP IF MASTIC POSITIVE; STOP OTHER POSITIVE BY ASSOCIATION				Concrete Walls w/Texture
5	20-T5		X												Concrete Walls w/Texture
6	50-EC1		X												Exterior Wall Covering
7	50-EC2		X												Exterior Wall Covering
8	50-EC3		X												Exterior Wall Covering
9	80-R1		X												Roofing Materials – Asphalt Shingles
10	80-R2		X												Roofing Materials – Asphalt Shingles

Released by: Jeremy Hudson	Signature: *Jeremy Hudson*	1 OF 2 PAGES	Date/Time: 01/11/2019 1600 hrs
Received by:	Signature:		Date/Time:

EHS Laboratories™

Environmental Hazards Services, LLC
www.lead.com 7469 Whitepine Rd
(800) 347-4010 Richmond, VA 23237
(804) 275-4907 (fax)

Asbestos Chain-of-Custody

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____ 1-Day ____ 2-Day X 3-Day ____ Same Day (Must call ahead) ____ Weekend (Must call ahead)

No.	Client Sample ID	Date Collected	ASBESTOS							AIR					COMMENTS
			PLM	PLM Point Count 400	PLM Point Count 1000	PLM NY Protocol	PCM	TEM (Chatfield Bulk)	TEM AHERA (Air)	Time On	Time Off	Flow Rate (L/Min)	Total Time (minutes)	Volume (Total Liters)	
11	80-R3	01/09/19						X							Roofing Materials – Asphalt Shingles
12	81-R1		X												Roofing Materials – Tar-Like Material
13	81-R2		X												Roofing Materials – Tar-Like Material
14	81-R3							X			POSITIVE STOP IF MASTIC POSITIVE; STOP OTHER POSITIVE BY ASSOCIATION				Roofing Materials – Tar-Like Material

Released by: Jeremy Hudson	Signature: *Jeremy Hudson*	2 OF 2 PAGES	Date/Time: 01/11/2019 1600 hrs
Received by:	Signature:		Date/Time:

EHS Laboratories

Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237

Telephone: 800.347.4010

Asbestos Bulk Analysis Report

Report Number: 19-01-01265

Client: Environmental Service Group
P.O. Box 2798
Myrtle Beach, SC 29578

Received Date: 01/11/2019
Analyzed Date: 01/15/2019
Reported Date: 01/16/2019

Project/Test Address: Commercial Property; 1013 Carver St; Myrtle Beach, Sc

Client Number:
42-6337

Fax Number:
843-293-7977

Laboratory Results

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-01-01265-001	20-T1		Green Textured Paint-Like; White/Gray Granular; Inhomogeneous	NAD	100% Non-Fibrous
19-01-01265-002	20-T2		Green Textured Paint-Like; White/Gray Granular; Inhomogeneous	NAD	100% Non-Fibrous
19-01-01265-003	20-T3		Green Textured Paint-Like; White/Gray Granular; Inhomogeneous	NAD	100% Non-Fibrous
19-01-01265-004	20-T4		Green Textured Paint-Like; White/Gray Granular; Inhomogeneous	NAD	100% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 42-6337 **Report Number:** 19-01-01265

Project/Test Address: Commercial Property; 1013 Carver St; Myrtle Beach, Sc

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-01-01265-005	20-T5		Green Textured Paint-Like; White/Gray Granular; Inhomogeneous	NAD	100% Non-Fibrous
19-01-01265-006	50-EC1		Beige Paint-Like; White Granular; Inhomogeneous	NAD	100% Non-Fibrous
19-01-01265-007	50-EC2		Beige Paint-Like; White Granular; Inhomogeneous	NAD	100% Non-Fibrous
19-01-01265-008	50-EC3		Beige Paint-Like; White/Gray Granular; Inhomogeneous	NAD	100% Non-Fibrous
19-01-01265-009	80-R1		Tan Aggregate; Black Tar-Like; Fibrous; Inhomogeneous	NAD	25% Fibrous Glass 75% Non-Fibrous
19-01-01265-010	80-R2		Tan Aggregate; Black Tar-Like; Fibrous; Inhomogeneous	NAD	25% Fibrous Glass 75% Non-Fibrous
19-01-01265-011	81-R1		Gray/Black Tar-Like; Brown Fibrous; Inhomogeneous	2% Chrysotile	10% Cellulose 88% Non-Fibrous
			Total Asbestos:	**2%**	

Chrysotile present in tar material

Environmental Hazards Services, L.L.C

Client Number: 42-6337 **Report Number:** 19-01-01265

Project/Test Address: Commercial Property; 1013 Carver St; Myrtle Beach, Sc

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-01-01265-012	81-R2			Did Not Analyze (Positive Stop)	

QC Sample: 23-M12010-4

QC Blank: SRM 1866 Fiberglass

Reporting Limit: 1% Asbestos

Method: EPA Method 600/R-93/116, EPA Method 600/M4-82-020

Analyst: Keleigh King

Reviewed By Authorized Signatory: Melissa Kanode

Missy Kanode
QA/QC Clerk

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Each distinct component in an inhomogeneous sample was analyzed separately and reported as a composite. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Service, L.L.C. California Certification #2319 NY ELAP #11714 NVLAP #101882-0 VELAP 460172. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), (for enhanced detection capabilities) for materials regulated by EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

400 Point Count Analysis, where noted, performed per EPA Method 600/R-93/116 with a Reporting Limit of 0.25%.

* All California samples analyzed by Polarized Light Microscopy, EPA Method 600/M4-82-020, Dec. 1982.

LEGEND: NAD = no asbestos detected

EHS Laboratories

Environmental Hazards Services, LLC
www.lead.com 7469 Whitepine Rd
(800) 347-4010 Richmond, VA 23237
(804) 275-4907 (fax)

Asbestos Chain-of-Custody

19-01-01265

Due Date: 01/16/2019 (Wednesday) 12 PLM
KEK
AE

Company Name: Environmental Service Group Address: PO Box 2798 City/State/Zip: Myrtle Beach, SC 29578

Phone: (843) 902-4495 Fax: (843) 293-7977 E-mail: environmentalservice@sc.rr.com Acct. Number: 42-6337

Project Name / Testing Address: Commercial Property – 1013 Carver St. City/State (Required): Myrtle Beach, SC

Collected by: Jeremy Hudson Purchase Order No. AS1903

Turn Around Times: **If No TAT is specified, sample(s) will be processed and charged as 3-day TAT.**

___ 1-Day ___ 2-Day X 3-Day ___ Same Day (Must call ahead) ___ Weekend (Must call ahead)

No.	Client Sample ID	Date Collected	ASBESTOS							AIR					COMMENTS
			PLM	PLM Point Count 400	PLM Point Count 1000	PLM NY Protocol	PCM	TEM (Chatfield Bulk)	TEM AHERA (Air)	Time On	Time Off	Flow Rate (L/Min)	Total Time (minutes)	Volume (Total Liters)	
1	20-T1	01/09/19	X												Concrete Walls w/Texture
2	20-T2		X												Concrete Walls w/Texture
3	20-T3		X												Concrete Walls w/Texture
4	20-T4		X								POSITIVE STOP IF MASTIC POSITIVE; STOP OTHER POSITIVE BY ASSOCIATION				Concrete Walls w/Texture
5	20-T5		X												Concrete Walls w/Texture
6	50-EC1		X												Exterior Wall Covering
7	50-EC2		X												Exterior Wall Covering
8	50-EC3		X												Exterior Wall Covering
9	80-R1		X												Roofing Materials – Asphalt Shingles
10	80-R2		X												Roofing Materials – Asphalt Shingles

Released by: Jeremy Hudson Signature: Jeremy Hudson 1 OF 2 PAGES Date/Time: 01/11/2019 1600 hrs

Received by: Stone Signature: J Stone Date/Time: 1/11/19 11:10am

EHS Laboratories

Environmental Hazards Services, LLC
www.lead.com 7469 Whitepine Rd
(800) 347-4010 Richmond, VA 23237
(804) 275-4907 (fax)

Asbestos Chain-of-Custody

1265

COMPANY USE ONLY

Company Name: Environmental Service Group Address: PO Box 2798 City/State/Zip: Myrtle Beach, SC 29578

Phone: (843) 902-4495 Fax: (843) 293-7977 E-mail: environmentalservice@sc.rr.com Acct. Number: 42-6337

Project Name / Testing Address: Commercial Property – 1013 Carver St. City/State (Required): Myrtle Beach, SC

Collected by: Jeremy Hudson Purchase Order No. AS1903

Turn Around Times: **If No TAT is specified, sample(s) will be processed and charged as 3-day TAT.**

___ 1-Day ___ 2-Day X 3-Day ___ Same Day (Must call ahead) ___ Weekend (Must call ahead)

No.	Client Sample ID	Date Collected	ASBESTOS							AIR					COMMENTS
			PLM	PLM Point Count 400	PLM Point Count 1000	PLM NY Protocol	PCM	TEM (Chatfield Bulk)	TEM AHERA (Air)	Time On	Time Off	Flow Rate (L/Min)	Total Time (minutes)	Volume (Total Liters)	
11	80-R3	01/09/19						X							Roofing Materials – Asphalt Shingles
12	81-R1		X												Roofing Materials – Tar-Like Material
13	81-R2		X												Roofing Materials – Tar-Like Material
14	81-R3							X			POSITIVE STOP IF MASTIC POSITIVE; STOP OTHER POSITIVE BY ASSOCIATION				Roofing Materials – Tar-Like Material

Released by: Jeremy Hudson	Signature: Jeremy Hudson	2 OF 2 PAGES	Date/Time: 01/11/2019 1600 hrs
Received by: TStone	Signature: JStone		Date/Time: 1/11/19 11:10am

AMA Analytical Services, Inc.
Focused On Results.

CERTIFICATE OF ANALYSIS

NY ELAP
Lab ID 10920

Chain of Custody:	304720	**Job Name:**	Commercial Property EHS 19-01-01265	**Date Submitted:**	01/24/2019
Client:	Environmental Hazards Services, LLC	**Job Location:**	1013 Carver Street, Myrtle Beach, SC	**Date Analyzed:**	01/25/2019
Address:	7469 Whitepine Road Richmond, VA 23237	**Job Number:**	19-01-02824	**Report Date:**	01/25/2019
				Date Sampled:	Not Provided
Attention:	Kathy Tyler	**P.O. Number:**	Not Provided	**Person Submitting:**	Tiffany Stone

Summary of Asbestos Analysis of Non-Friable Organically Bound (NOB) Bulk Samples

AMA Sample	Client Sample	Sample Type *	% Total Asbestos	% Asbestos by PLM ***	% Asbestos by TEM ***	Type(s) of Asbestos	% Organics	% Acid Soluble	% Other	Material Type	Sample Color	Comments
304720-1	80-R3	Whole	NAD	N/A	NAD		24.6	42.2	33.3	Roof	Black	

* Whole = Whole sample submitted and gravimetric reduction performed by AMA Analytical Services. Residue = Gravimetric reduction of sample performed by client and residue only submitted for analysis.

** NAD = "No Asbestos Detected" TR = "Trace equals less than 1% of this component"

*** PLM = Polarized Light Microscopy after gravimetric reduction (NY ELAP Method 198.6) TEM = Transmission Electron Microscopy after gravimetric reduction (NY ELAP Method 198.4)

All results are to be considered preliminary and subject to change unless signed by the Technical Director or Deputy.

Analyst(s): Christopher Dell

Technical Director Andreas Saldivar

AMA Analytical Services, Inc.
Focused on Results www.amalab.com
AIHA-LAP (#100470) NVLAP (#101143-0) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires) 304720

Mailing/Billing Information:
1. Client Name: EHS
2. Address 1:
3. Address 2:
4. Address 3:
5. Phone #: Fax #:

Submittal Information:
1. Job Name: Commercial Property EHS-19-01-01265
2. Job Location: 1013 Carver Street, Myrtle Beach, SC.
3. Job #: 19-01-03824 P.O. #:
4. Contact Person: Kathy Tyler Cell:
5. Collected by: Cell:

Reporting Info (Results provided as soon as technically feasible). If no TAT/Reporting Info is provided, AMA will assign defaults of 5-Day and email/fax to contacts on file.

AFTER HOURS (must be pre-scheduled)
☐ 4 Hours ☐ Late Night
☐ Immediate Date Due:
☐ 24 Hours Time Due:
Comments:

NORMAL BUSINESS HOURS
☐ 4 Hours ☐ 3 Day ☐ Results Required By Noon
☐ Same Day ☐ 5 Day +
☒ Next Day Date Due: 1/25/19
☐ 2 Day

REPORT TO:
☐ Email:
☐ Email 2:
☐ Verbals:

Asbestos Analysis
*PCM Air – Please Indicate Filter Type:
☐ NIOSH 7400 (QTY)
☐ Fiberglass (QTY)
TEM Air* – Please Indicate Filter Type:
☐ AHERA (QTY)
☐ NIOSH 7402 (QTY)
☐ Other (specify) (QTY)
PLM Bulk
☐ EPA 600 – Visual Estimate (QTY) ☐ Pos Stop
☐ EPA Point Count (QTY)
☐ NY State Friable 198.1 (QTY)
☐ Grav. Reduction ELAP 198.6 (QTY)
☐ Other (specify) (QTY)
MISC
☐ Asbestos Soil PLM (Qual) PLM (Quan) PLM/TEM (Qual) PLM/TEM (Quan)
*It is recommended that blank samples be submitted with all air and surface samples

TEM Bulk
☐ ELAP 198.4/Chatfield (QTY)
☐ NY State PLM/TEM (QTY)
☐ Residual Ash (QTY)
☐ Vermiculite
TEM Dust*
☐ Qual. (pres/abs) Vacuum/Dust (QTY)
☐ Quan. (s/area) Vacuum D5755-95 (QTY)
☐ Quan. (s/area)Dust D6480-99 (QTY)
TEM Water
☐ Qual. (pres/abs) (QTY)
☐ ELAP 198.2/EPA 100.2 (QTY)
☐ EPA 100.1 (QTY)
☑ All samples received in good condition unless otherwise noted.
(TEM Water samples °C)
If field data sheets are submitted, there is no need to complete bottom section.

Metals Analysis
☐ Pb Paint Chip (QTY)
☐ *Pb Dust Wipe (wipe type) (QTY)
☐ *Pb Air (QTY)
☐ Pb Soil/Solid (QTY)
☐ Pb TCLP (QTY)
☐ Drinking Water ☐ Pb (QTY) ☐ Cu (QTY) ☐ As (QTY)
☐ Waste Water ☐ Pb (QTY) ☐ Cu (QTY) ☐ As (QTY)
☐ Pb Furnace (Media) (QTY)
Fungal Analysis
Collection Apparatus for Spore Traps/Air Samples:
Collection Media
☐ *Spore-Trap (QTY) ☐ Surface Vacuum Dust (QTY)
☐ *Surface Swab (QTY)
☐ *Surface Tape (QTY)
☐ Other (Specify) (QTY)

CLIENT ID #	SAMPLE INFORMATION SAMPLE LOCATION/ ID	DATE/ TIME	VOL (L)/ Wipe Area	ANALYSIS TEM	PCM	PLM	LEAD	MOLD	MATRIX AIR	BULK	DUST	WATER AND OTHER	SPORE TRAP	TAPE	SWAB	COMMENTS / SPECIAL INSTRUCTIONS

	Print Name	Signature	Date	Time
Relinquished by:	Tiffany Stone			
Received by:			1/24/19	1130

Shipping Information
☒ UPS ☐ In-Person ☐ Other
☐ FedEx ☐ Drop Box
☐ USPS ☐ Courier

TEM Bulk 1-Day

Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237
Telephone: 800.347.4010

Received Date: 01/23/2019

Due Date: 01/25/2019

EHS Client #: 42-6337

Report Number: 19-01-02824

Project/Test Address: Commercial Property; 1013 Carver St; Myrtle Beach, Sc; EHS# 19-01-01265

1-Day

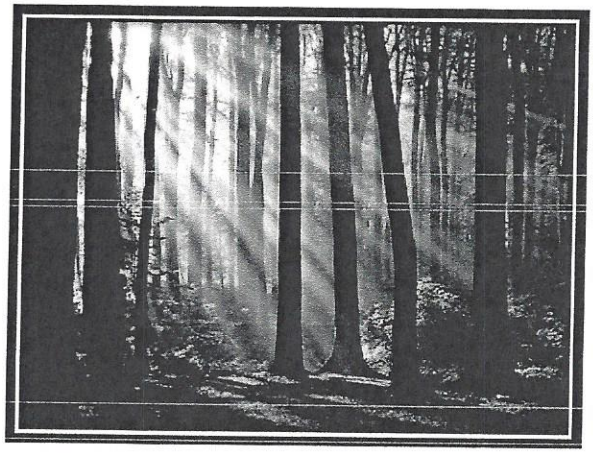
Analysis Requested: TEM Bulk 1-Day

Sample #	Sample Type	Sample Location and/or Comments	Volume (liters)
80-123	TEM BULK		

Date/Time	Released By:	Date/Time	Received By:
1/23/19 3:17 pm	Jeffrey Stone		

Applied Environmental Solutions

AES - Asbestos Division
P.O. Box 2669
Murrells Inlet, SC 29576
843.222.5305
appliedenvironmentalsolutions@gmail.com

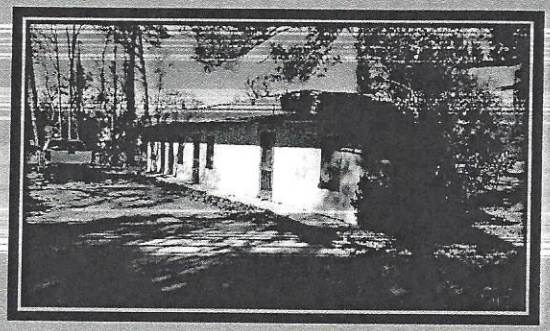


Working Today…
…For a Cleaner Tomorrow

Asbestos Inspection

Commercial Property – Residential Rentals
1013 Carver St.
Myrtle Beach, SC

AES Job # AS-1903



Prepared For

Tabithea Busby
P.O. Box 686
Myrtle Beach, SC 29578

January 22, 2019