2021 AHERA Update Horry County School District July 12, 2021 Terracon Project No.EN217074

State of South Carolina

LEA	Horry County School District
Address	335 Four Mile Road
	Conway, SC
County	Horry County
Phone:	
Date:	July 12, 2021
School	Waccamaw Elementary School

lleuscon

AHERA MANAGEMENT PLAN COVER SHEET

Management Plan Submission: □Original ⊠I	Resubmittal	□New Building	Reinspection	
List of Documents Attached:				
⊠List of School Buildings □Preventive Measures and Response		Surveillance Plan tion Plan		□Bulk Sample Analysis Form □Resources Needed

Preventive measures and Response	LIReinspection Plan	Resources Needed
□Actions Scheduled	☐Assessment of Materials	\Box Steps to Inform Others
Response Actions Recommended	Description of Each Sample Area	□Reinspection Report
oxtimesOperations and Maintenance Plan	Diagram of Homogeneous Areas	

The Waccamaw Elementary School is located at 251 Claridy Road in Conway, SC. The school was constructed in 1996. This AHERA Management Plan is intended to comply with the Asbestos Hazard Emergency Response Act (AHERA) of 1986 under the EPA Asbestos-Containing Material in Schools (AHERA) 40 CFR Part 763 Subpart E. This AHERA plan serves as an update documentation and only a <u>visual assessment</u> of suspect asbestos containing materials was performed. Terracon relied in part on the 2015 AHERA/NESHAP Asbestos Inspection Report (Summit) and a site visit and visual reconnaissance of the school.

This plan does not comply with the Environmental Protection Agency (EPA) regulation 40 CFR 61, Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP) and the South Carolina Department of Health and Environmental Control (SCDHEC) Regulation 61-86.1 Standards of Performance for Asbestos Projects in which suspects ACMs may be disturbed during renovations. SCDHEC defines a renovation as, "altering a facility or one or more facility components in any way, including the stripping or removal of RACM from any facility component." A demolition is defined as, "Wrecking or taking out any load-supporting structural member of a facility together with any related handling operations, the burning of any facility, or moving of a structure."

AHERA REINSPECTION REPORT STATE OF SOUTH CAROLINA

LEA: ADDRESS: COUNTY:	Horry County School District 335 Four Mile Road Conway, South Carolina Horry	Dat	phone: te:July 12, 2021 nool: <u>Waccamaw Elementary Sch</u> ool
Submit to LE	A Designee –		
LIST OF DOC	CUMENTS ATTACHED:		
⊠1. List of S	chool Buildings	□7.	Description of Each Sample Area & Assessment of Materials
⊠2. Reasses ACB	ssment of Areas of ACBM or Suspect M	□8	Response Actions Recommended, Response Actions Selected and Dates
	Iomogeneous Areas of ACBM of ect ACBM	⊠9.	Operations and Maintenance Plan
•	n of Each New or Altered Area of or Suspect ACBM	⊠10.	Periodic Surveillance
□5. Descripti	on of Each New Homogeneous Area ermination of Sampling Location	□9.	Copy of Inspector's License
	nple Analysis	□10.	Copy of Management Planner's License

No person or firm shall offer to perform, perform or be hired to perform as professionals in providing the services of inspection, preparation of management plans, designing of response actions, or supervising of response action except as properly accredited under the provisions of Public Law 99-519, EPA Regulations 40 CFR Part 763 and SCDHEC Regulation 61-86.1. In addition these persons or firms performing as professionals shall be registered in South Carolina under the registration laws of the State. Such professionals shall be independent practitioners and shall have no financial or other interest in contractors, subcontractors, manufacturers, or jobbers under their jurisdiction where direct conflict of interest could occur, except as permitted as follows. An employee of a public school, a private school association, a private school or an A/E may provide the services of inspection, and/or preparation of management plans, provided the employee is properly accredited under the "AHERA" Laws and Regulations. Where an employee of the LEA provides these services, the LEA must request a Waiver of Professionals Services. The signatures here on attest to the above statement and certify that it is the intent of the signatories to carry out all other provisions of the "AHERA" Laws and Regulations.

Name	Signature & Date	Telephone
HOURS TRAINING	WHERE TRAINED & DATE:	· ·
LEA OFFICER :		
Name	Sign. & Date	Telephone
BOARD CHAIRMAN (if applicable.):	5	·
N	Jame Sign. & Date	e Telephone
INSPECTOR: Craig C. Langford	Craig C. Larglock	843-277-8402
Name	Signature	Telephone
S.C. DHEC LICENSE NO: ASB-22775	Telephone: <u>843-277-8402</u>	
	VII A GP	
MANAGEMENT PLANNER: Jeffrey Gu	rrie, CIH	
Na	ime Signature	
S.C. DHEC LICENSE NO: MP-00197	Telephone: 843-277-8405	
		Registration Seal

COVER SHEET

LEA	Horry County School District
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State of South Carolina AHERA MANAGEMENT PLAN

1 -List of Buildings

BUILDING NAME	A Friable	CBM Non-friable	SUSPI Friable	NO ACBM	
Waccamaw Elementary School		X		Non-friable	

COMMENTS: Non-friable material may become friable if damaged

INSPECTOR: CRAIG C. LANGFORD

DATE OF INSPECTION: JULY 12, 2021

SCDHEC LICENSE NO: ASB-22775 EXP. DATE: 07/09/21

SIGNATURE:

DOCUMENT #1

LEA DESIGNEE:

DATE OF RE-INSPECTION REVIEW:

SIGNATURE: _____

LEA	Horry County School District
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State of South Carolina AHERA MANAGEMENT PLAN

2-REASSESSMENT OF AREAS OF ACBM OR SUSPECT ACBM

H.A. #	MATERIAL TYPE	AM'T	SAMPLES						CURRENT CONDITION: TYPE AND AMOUNT OF DAMAGE	DISTURBANCE POTENTIAL: TYPE AND AMOUNT OF DISTURBANCE	CHAN	GES?
			Old	New			Yes	No				
HA-001	Dark Gray Duct Mastic	100 LF	Х		Good	Low		Х				
HA-002	Gray Duct Mastic	100 LF	Х		Good	Low		Х				

INSPECTOR: CRAIG C. LANGFORD

DATE OF INSPECTION: JULY 12, 2021

SCDHEC LICENSE NO: ASB-22775

all A I -SIGNATURE:

LEA DESIGNEE:

DATE OF RE-INSPECTION REVIEW:

SIGNATURE: _____

DOCUMENT #2

LEA	Horry County School District
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State of South Carolina AHERA MANAGEMENT PLAN

3-ADDED HOMOGENEOUS AREAS OR ACBM OR SUSPECT ACBM

H.A. #	MATERIAL TYPE	AM'T	SAMPLES				CURRENT CONDITION: TYPE AND AMOUNT OF DAMAGE	DISTURBANCE POTENTIAL: TYPE AND AMOUNT OF DISTURBANCE	ASBEST	ros
			Old	New			TYPE	%		

INSPECTOR: CRAIG C. LANGFORD

DATE OF INSPECTION: JULY 12, 2021

SCDHEC LICENSE NO: ASB-22775

SIGNATURE:

LA S

LEA DESIGNEE:

DATE OF RE-INSPECTION REVIEW:

SIGNATURE: _____

DOCUMENT #3

AHERA REINSPECTION REPORT

AHERA REINSPECTION REPORT

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AHERA MANAGEMENT PLAN

4 -DIAGRAM OF EACH HOMOGENEOUS AREA

SEE ATTACHED DIAGRAM

INSPECTOR: CRAIG C. LANGFORD			
DATE OF INSPE	ECTION:	MAY 8, 2019	
SCDHEC LICEN	ISE NO:	ASB-22775	
SIGNATURE: SIGNATURE:			

LEA DESIGNEE:
DATE OF RE-INSPECTION REVIEW:
SIGNATURE:

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SEQUENCE#5

DOCUMENT #4 State of South Carolina AHERA MANAGEMENT PLAN 7 - DESCRIPTION OF EACH SAMPLE AREA

AND ASSESSMENT OF MATERIALS

DESCRIPTION OF EACH SAMPLE AREA					ASSESSMENT OF	MATERIALS			
		Photo Ho		Hom	mogeneous Area		Asbestos		
Date	Sample ID#	Location	Yes	No	HA ID#	ft²	Linear ft.	Туре	%

INSPECTOR: <u>CRAIG C. L</u>	ANGFORD
DATE OF INSPECTION:	JULY 12, 2021
SCDHEC LICENSE NO:	ASB-22775

SIGNATURE:

LEA DESIGNEE:

DATE OF RE-INSPECTION REVIEW:

SIGNATURE: _____

DOCUMENT #5

State of South Carolina AHERA MANAGEMENT PLAN

LEA	Horry County School District
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8-ACTIONS RECOMMENDED AND RESPONSE ACTION SELECTED

H.A. #	RECOMMENDED RESPONSE ACTION	SELECTED RESPONSE ACTION	ORIGINAL DATE	SCHEDULED DATE
HA-001	Periodically re-inspect condition of ABCMs and maintain under O&M Plan			
HA-02	Periodically re-inspect condition of ABCMs and maintain under O&M Plan			

INSPECTOR: CRAIG C. LANGFORD

SCDHEC LICENSE NO: ASB-22775 SIGNATURE:

DOCUMENT #6

LEA DESIGNEE:

DATE OF RE-INSPECTION REVIEW:

SIGNATURE:

AHERA REINSPECTION REPORT

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AHERA REINSPECTION REPORT

State of South Carolina AHERA MANAGEMENT PLAN 9 - OPERATIONS AND MAINTENANCE PLAN

HOMOGENEOUS AREAS:

Purpose: This Operations and Maintenance (O&M) program is designed to minimize or eliminate the exposure of building occupants and maintenance staff to asbestos fibers from asbestos containing building materials in these buildings. This will be accomplished through the use of special work practices and procedures.

I. Operations and Maintenance Activities Categories:

A. Small-Scale, Short-Duration Activities

Appendix B to Subpart E 763 AHERA Regulations define these activities as, but not limited to:

- 1. Installation or removal of a small section of drywall.
- 2. Installation of electrical conduits through or proximate to asbestos-containing

materials.

Small-scale, short-duration maintenance activities can be further defined for the purposes of this plan by the following considerations:

- 1. Removal of small quantities of asbestos-containing materials (ACM) only if required in the performance of another maintenance activity not intended as asbestos abatement.
- 2. Repairs to a piece of asbestos-containing wallboard.
- 3. Repairs, involving encapsulation, enclosure or removal, to small amounts of friable asbestos-containing material only if required in the performance of emergency or routine maintenance activity and not intended solely as asbestos abatement. Such work may not exceed amounts greater than those which can be contained in a single prefabricated mini-enclosure. Such an enclosure shall conform spatially and geometrically to the localized work area, in order to perform its intended containment function.
- B. Maintenance Activities Other Than Small-Scale, Short-Duration

(Major O&M) – Any maintenance activities that do not fit the small-scale category are considered major and shall be designed and conducted by accredited personnel.

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II. Training Categories

- A. All custodial and maintenance staff that work at this facility shall receive at least two (2) hours of awareness training in accordance with 40 CFR 763.92 (a). NOTE: This training does not qualify these individuals to disturb asbestos-containing building materials (ACBM) in any sense.
- B. All operations and maintenance staff (custodian, plumbers, etc.) that may disturb ACBM under a small-scale, short- duration project (see I.A) above) shall receive in addition to the two (2) hour awareness training an additional fourteen (14) hours of O&M training in accordance with 40 CFR 763.92 (a) 2. These will be school maintenance employees such as carpenters, plumbers, electricians and few custodians.
- III. Worker Protection
 - A. As part of the O&M Program, a written respiratory protection program shall be developed to protect all O&M employees who may disturb ACBM. This program shall be developed in accordance with EPA/NIOSH (Guidance Document) guide to Respiratory Protection for the Asbestos Abatement Industry (EPA 560/OPTS-86-001) and the OSHA Regulations 1926.58 and 1910.134. It shall cover, but not limited to such areas as Medical Evaluation, Fit Testing and Respirator selections. NOTE: For most small-scale, short-duration O&M activities a half-face air purifying respirator with replacement HEPA filters will provide adequate protection. See respiratory protection program for additional information.
 - B. Personal Protection Equipment

O&M personnel involved in activities that disturb ACBM shall wear disposable coveralls with disposable head and shoe coverings and gloves during these activities.

- IV. Work Procedures for ACM (Asbestos-Containing Material) Areas
 - A. Standard Operating Procedures for O&M Activities
 - 1. Before an O&M activity (small-scale and major) can begin that may disturb ACBM, written authorization from the asbestos program manager must be obtained.
 - 2. All O&M activity areas shall be restricted (isolated) to the appropriate O&M personnel (16 hour trained) who are conducting these activities.
 - 3. Signs shall be posted to prevent entry into these areas.
 - 4. The HVAC system will be shut off or modified if needed to restrict air movement.
 - 5. Remove any objects for the work area that may be contaminated during the maintenance activity. Any fixed objects shall be completely covered with 6-mil thick polyethylene plastic. Any object already contaminated shall be thoroughly HEPA vacuumed or wet wiped before moving or encasing in plastic.
 - 6. All O&M employees shall use appropriate worker protection:

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- a. full body coveralls with hood (i.e. tyvek)
- b. respiratory protection for glove bagging and minor repairs: half-face negative air purifying respirator with HEPA cartridges may be used. For additional protection requirements, refer to written respiratory program.
- 7. Appropriate work practices such as glovebag removal, wet methods, HEPA vacuuming, etc. (see Appendix B 763 AHERA) shall be used to control fiber release during maintenance activities. See appropriate section for details on each type of material.
- 8. Disposal of ACM
 - a. Double bag (6-mil) using a properly labeled asbestos disposal bag. NOTE: In situations where the waste will not fit into these bags, it will be permitted to wrap the material in 6-mil plastic for disposal.
 - b. Always make sure bagged material is adequately wet.
 - c. Stored bags or materials shall be stored under lock and key. Bagged material should be placed in 55-gallon drums and sealed.
 - d. All containers (bags, drums, wrapped) shall be labeled as follows:



- e. Transport asbestos waste in enclosed trucks.
- f. Dispose of waste in approved landfill. (Contact landfill prior to arrival to confirm acceptance).
- g. Maintain asbestos chain of custody forms for stored or disposed waste material.
- B. Specific Work Practices for ACM
 - 1. Miscellaneous Material
 - a. Non-Friable Materials (floor tile and mastic): follow all procedures under the Standard Operating Section IV A of O&M Plan for projects that involve the removal of these materials. No activities or equipment are to be used on these materials that could cause fiber release such as drilling, sawing, sanding or cutting with power tools. If this non-friable ACM must be disturbed, the following precautions should be taken:
 - Wet material with fine mist of water

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- Equip power tools with HEPA vacuum/filter systems
- Remove material intact (whole tiles, sheets, etc.)
- Avoid breaking or dropping of material
- NOTE: Floor Tiles Maintain a good coat of wax on floors. Avoid creating dust when buffing floors. Use soft pads at slow speeds when practical. Use wet methods.

V. Fiber Release Episodes

(EPA definition: any uncontrolled or unintentional disturbance of ACBM resulting in visible emission.)

- A. Minor: (The falling or dislodging of 3 square or linear feet or less of ACBM). In addition to following the guidelines for small-scale, short-duration O&M activities, the following procedures shall also be implemented.
 - 1. Wet debris and clean area using HEPA vacuum and/or wet methods.
 - 2. Repair damaged or exposed area with asbestos free materials or immediately have appropriate response action conducted.
- A. Major: (The falling or dislodging of more than 3 square or linear feet of ACBM). The following procedures shall be implemented.
 - 1. Restrict entry and post signs.
 - 2. Shut off or temporarily modify HVAC system if needed to prevent fiber distribution.
 - 3. Contact an outside accredited contractor(s) for design and implementation of the appropriate response action. NOTE: All fiber release episodes shall be reported to the asbestos program manager immediately.

VI. Air Monitoring

- A. Personal Air Samples as required by the OSHA standard 29 CFR 1926.58, initial air samples shall be collected for all types of maintenance activities that would disturb ACBM. This is to establish exposure levels for these activities. This sampling should be conducted by a CIH (Certified Industrial Hygienist) or a technician under his/her directions. NOTE: This sampling should be done initially for each type of O&M procedure and repeated periodically to verify good work practices for O&M activities.
- B. Area Air Samples are required under 763.90 2(i) for clearance after removal, encapsulation and enclosure project involving ACBM, except for small-scale, short-duration projects. NOTE: Area air monitoring performed by a SCDHEC licensed air monitor may be used as a supplement to your periodic surveillance program.

VII. Recordkeeping

A. All recordkeeping requirements of 40 CFR 763.94 shall be maintained in the administrative office of the school as part of the management plan. These include O&M records such as

AHERA REINSPECTION REPORT

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training certificates, initial periodic cleaning, O&M activities (small-scale, larger projects and major projects), work authorization forms and respiratory protection program (medical evaluations and fit testing). Also, records on preventative measures and release articles, short term workers, release forms and periodic surveillance shall be maintained as part of the plan.

VIII. SCDHEC

A. Additional requirements are applicable as required under SCDHEC regulation 61-86.1

The asbestos program manager shall be responsible for these and all activities in keeping the management plan updated.

INSPECTOR: CRAIG C. LANGFORD	LEA DESIGNEE:
DATE OF INSPECTION: JULY 12, 2021	DATE OF RE-INSPECTION REVIEW:
SCDHEC LICENSE NO: ASB-22775	
SIGNATURE: SIGNATURE:	SIGNATURE:

State of South Carolina

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State of South Carolina **AHERA MANAGEMENT PLAN** 10 - PERIODIC SURVEILLANCE PLAN

DISCUSSION OF PERIODIC SURVEILLANCE PLAN

At least once every six (6) months after the management plan has been approved by the Trident Academy Board of Directors each local educational agency shall conduct periodic surveillance in each building that it leases, owns, or otherwise uses as a school building that contain ACBM in the following manner.

1. The AHERA designee, or individual(s) with equivalent training, shall be the only person(s) allowed to conduct the periodic surveillance.

2. The AHERA designee or individual(s) shall visually inspect all areas that are identified in the management plan as ACBM or assumed ACBM.

3. The AHERA designee or individual(s) shall record the date of the periodic surveillance, his full name and any changes in the condition of the material(s).

4. The AHERA designee or individual(s) shall include a written record of the periodic surveillance for inclusion in the management plan.

5. Every three (3) years this plan shall be updated by a SCDHEC licensed inspector and reviewed by a SCDHEC management planner.

INSPECTOR: CRAIG	C. LANGFORD
DATE OF INSPECTION	N: JULY 12, 2021
SCDHEC LICENSE NO):ASB-22775
SIGNATURE:	hA I -

LEA DESIGNEE:

DATE OF RE-INSPECTION REVIEW:

SIGNATURE: _____

State of South Carolina

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DOCUMENT #8

INSPECTOR: CRAIG C. L	ANGFORD
DATE OF INSPECTION:	JULY 12, 2021
SCDHEC LICENSE NO:	ASB-22775
SIGNATURE: Craig (: Largford

LEA DESIGNEE:
DATE OF RE-INSPECTION REVIEW:
EXP. DATE:
SIGNATURE:



AHERA/NESHAP ASBESTOS INSPECTION REPORT WACCAMAW ELEMENTARY SCHOOL CONWAY, SC

CLIENT:

Horry County Schools 335 Four Mile Road Conway, SC 29526

LOCATION:

251 Claridy Road Conway, SC 29526

DATE OF INSPECTION:

August 12, August 17-19, 2015

DATE OF REPORT:

October 8, 2015

PREPARED BY:

Anthony B. Monk Environmental Project Manager

SUMMIT ELT, Inc. (SUMMIT)

7349 Peppermill Parkway - Suite A North Charleston, South Carolina 29418 843-606-6268

SUMMIT Job No. 1208.06

AHERA/NESHAP ASBESTOS INSPECTION REPORT

251 Claridy Road, North Myrtle Beach, SC, 29596

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1 Site Location Map

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1.0 REPORT CERTIFICATION

SUMMIT is pleased to provide environmental consulting services for Horry County Schools. Please contact this office at 843-606-6268 with any questions or comments regarding the findings submitted in this report.

This document, entitled *AHERA/NESHAP Asbestos Inspection Report*, was prepared for Horry County Schools and the South Carolina Department of Health and Environmental Control (SCDHEC) with sound practices and procedures and in accordance with Asbestos Hazard Emergency Response Act (AHERA), Title II of the Toxic Substance Control Act (TSCA), SCDHEC Regulation 61-86.1, 40 CFR 61, and 40 CFR 763 for Asbestos Containing Materials (ACM) guidance. The results obtained by the work documented in this report fulfill the requirements of federal, state, and local regulations regarding Asbestos Containing Materials.

Anthony B. Monk

SC DHEC AHERA Asbestos Building Inspector No. BI-01210 Expiration Date: November 4, 2015

SC DHEC AHERA Asbestos Air Sampler No. AS-00330 Expiration Date: November 5, 2015

SC DHEC AHERA Asbestos Supervisor No. SA-01863 Expiration Date: November 5, 2015

SC DHEC AHERA Asbestos Management Planner No. MP-0199 Expiration Date: November 4, 2015

SC DHEC AHERA Asbestos Project Designer No. PD-00160 Expiration Date: November 4, 2015 Date

10/8/15

2.0 EXECUTIVE SUMMARY

On August 12, and August 17 to August 19, 2015, SUMMIT ELT, Inc. (SUMMIT) performed an AHERA/NESHAP Asbestos Inspection for Waccamaw Elementary School located at 251 Claridy Road in Conway, South Carolina.

There are a total of eleven (11) structures. The structures are currently being used as a high school facility. Of the eleven (11) structures, six (6) of the portables were in the process of being removed from the property at the time of inspection. These portables were numbered as the following: 299, 221, 242, 125, 223 and 92. SUMMIT did not have access these portables, therefore the structures were not inspected. The main school structure was divided up into several wings for inspection purposes. All remaining structures were fully inspected. At least one (1) of the structures is expected to be renovated.

The purpose of this inspection was to investigate available records for the specification of ACM, inspect for suspect materials, sample and analyze suspect materials to test for asbestos, and assess the condition and location of the ACM and other characteristics of the structures.

The Waccamaw Elementary School Management Plan dated May 1, 1990, along with subsequent reinspection reports, were reviewed on August 11, 2015 prior to the inspection.

A homogeneous material is a material that appears to be uniform when properties such as age, color, and texture are compared. There were approximately seventy-six (76) homogeneous suspect materials observed on the structures. The homogeneous areas are described in detail in section 3.0 of this report.

100 WING:

DUCT MAS-1, DUCT MAS-2 AND DUCT MAS-3

The gray duct mastic is located on the ducts above the ceiling in the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is classified as ACM. The duct mastic contains 5% Chrysotile and there approximately 1500 linear feet of the material. The material is classified as TSI. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

EXTERIOR ROOMS:

DK GRAY DUCT MAS-1, DK GRAY DUCT MAS-2 AND DK GRAY DUCT MAS-3

The dark gray duct mastic is located on the ducts above the ceiling in the exterior rooms of the main structure. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is classified as ACM. The duct mastic contains 5% Chrysotile and there approximately 100 linear feet of the material. The material is classified as TSI. The sample analysis of the

material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

GRAY DUCT MAS-1, GRAY DUCT MAS-2 AND GRAY DUCT MAS-3

The gray duct mastic is located on the ducts above the ceiling in the exterior rooms of the main structure. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is classified as ACM. The duct mastic contains 5% Chrysotile and there approximately 100 linear feet of the material. The material is classified as TSI. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

EXTERIOR – MAIN STRUCTURE:

T.PANEL-1 THROUGH T.PANEL-4

The transite panels are located above the exterior doorways of the 100 Wing of the main structure. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is classified as ACM. The transite panels contain 10% Chrysotile and there is approximately 500 sq.ft. of the material. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

ENTIRE MAIN STRUCTURE:

The fire doors are located throughout the main structure of the school. The material is currently in good condition and is non-friable with a low potential for damage. The fire doors were not sampled. Since sampling of the doors would be unsuitable, all fire doors shall be assumed to be ACM and treated as ACM, unless sampling is performed to prove the material is not ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.0 SUSPECT MATERIALS

I. 100 WING:

3.1 Wallboard

WB-1 THROUGH WB-5

The wallboard is located in several rooms throughout the area. The material is currently in good condition and is friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as surfacing. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.2 <u>Ceiling Tile</u>

2x4 RANDOM CT-1, 2X4 RANDOM CT-2 AND 2X4 RANDOM CT-3

The random patterned ceiling tile is located throughout the area. The material is currently in good condition and is friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

2x4 FISSURE CT-1, 2X4 FISSURE CT-2 AND 2X4 FISSURE CT-3

The fissure patterned ceiling tile is located throughout the area. The material is currently in good condition and is friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

ROUGH CT-1, ROUGH CT-2 AND ROUGH CT-3

The rough textured ceiling tile is located in the cafeteria/kitchen area. The material is currently in good condition and is friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

2x4 PIN CT-1, 2X4 PIN CT-2 AND 2X4 PIN CT-3

The pin patterned ceiling tile is located in the bookroom area. The material is currently in good condition and is friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3X6 CT-1, 3X6 CT-2 AND 3X6 CT-3

The ceiling tile is located in the commons area. The material is currently in good condition and is friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.3 <u>Fireproofing</u>

WH FP MAT-1 THROUGH WH FP MAT-5

The white fireproofing material is located above the ceiling in the bookroom area. The material is currently in good condition and is friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as surfacing. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.4 <u>Duct Mastic</u>

DUCT MAS-1, DUCT MAS-2 AND DUCT MAS-3

The gray duct mastic is located on the ducts above the ceiling in the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is classified as ACM. The duct mastic contains 5% Chrysotile and there approximately 1500 linear feet of the material. The material is classified as TSI. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.5 <u>Carpet</u>

BL STR CAR-1, BL STR CAR-2 AND BL STR CAR-3

The blue colored carpet/mastic is located in the media center area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

BL HATCH CAR-1, BL HATCH CAR-2 AND BL HATCH CAR-3

The blue hatch patterned carpet/mastic is located in the media center area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

GRAY BRN CAR-1, GRAY BRN CAR-2 AND GRAY BRN CAR-3

The gray brown colored carpet/mastic is located in several rooms throughout the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

ORG CAR-1, ORG CAR-2 AND ORG CAR-3

The orange colored carpet/mastic is located in the bookroom area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.6 <u>Baseboard</u>

DK BRN BB-1, DK BRN BB-2 AND DK BRN BB-3

The dark brown baseboard/mastic is located in the janitor's closet in the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

DK BRN BB-4, DK BRN BB-5 AND DK BRN BB-6

The dark brown baseboard/mastic is located in the bookroom area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

BL BB-1, BL BB-2 AND BL BB-3

The blue baseboard/mastic is located in several rooms throughout the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

LT BRN BB-1, LT BRN BB-2 AND LT BRN BB-3

The light brown baseboard/mastic is located in the media center area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

BRN BB-1, BRN BB-2 AND BRN BB-3

The brown baseboard/mastic is located in the classrooms throughout the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.7 <u>Floor Tile</u>

WH PINK MOT FT-1, WH PINK MOT FT-2 AND WH PINK MOT FT-3

The white pink mottled floor tile/mastic is located in the itenerant area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

BEIGE FT-1, BEIGE FT-2 AND BEIGE FT-3

The beige floor tile/mastic is located in several rooms throughout the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

WH/YEL FT-1, WH/YEL FT-2 AND WH/YEL FT-3

The white/yellow floor tile/mastic is located in the table/chair storage room in the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

CREAM FT-1, CREAM FT-2 AND CREAM FT-3

The cream floor tile/mastic is located in the west storage room area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as

miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

II. 200 WING:

3.8 <u>Fireproofing</u>

FP-1 THROUGH FP-7

The fireproofing is located above the ceiling in the area. The material is currently in good condition and is friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as surfacing. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.9 <u>Wallboard</u>

WB-1, WB-2 AND WB-3

The wallboard is located on the bathroom ceilings in the area. The material is currently in good condition and is friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as surfacing. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.10 Ceiling Tile

2X2 RANDOM CT-1, 2X2 RANDOM CT-2 AND 2X2 RANDOM CT-3

The random patterned ceiling tile is located throughout the area. The material is currently in good condition and is friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

2X4 FISSURE CT-1, 2X4 FISSURE CT-2 AND 2X4 FISSURE CT-3

The fissure patterned ceiling tile is located throughout the area. The material is currently in good condition and is friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

2X4 DOT CT-1, 2X4 DOT CT-2 AND 2X4 DOT CT-3

The dot patterned ceiling tile is located throughout the area. The material is currently in good condition and is friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.11 Duct Mastic

DK GRAY DUCT MAS-1, DK GRAY DUCT MAS-2 AND DK GRAY DUCT MAS-3

The dark gray duct mastic is located throughout the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as TSI. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

BRN DUCT MAS-1, BRN DUCT MAS-2 AND BRN DUCT MAS-3

The brown duct mastic is located throughout the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as TSI. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

GRAY DUCT MAS-1, GRAY DUCT MAS-2 AND GRAY DUCT MAS-3

The gray duct mastic is located on the ducts above the ceiling throughout the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as TSI. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.12 <u>Firestop</u>

PINK FS-1, PINK FS-2 AND PINK FS-3

The pink firestop is located above the ceiling throughout the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.13 <u>Baseboard</u>

RED BB-1, RED BB-2 AND RED BB-3

The red baseboard/mastic is located in the electrical room area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

BRN BB-1, BRN BB-2 AND BRN BB-3

The brown baseboard/mastic is located throughout the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

LT BRN BB-1, LT BRN BB-2 AND LT BRN BB-3

The light brown baseboard/mastic is located throughout the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.14 <u>Flooring</u>

BEIGE FT-1, BEIGE FT-2 AND BEIGE FT-3

The beige floor tile/mastic is located in the classrooms throughout the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

PINK FT-1, PINK FT-2 AND PINK FT-3

The pink floor tile/mastic is located in the west corridor in the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

BEIGE/WH FL-1, BEIGE/WH FL-2 AND BEIGE/WH FL-3

The beige/white flooring/mastic is located in the classrooms throughout the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

CREAM FT-1, CREAM FT-2 AND CREAM FT-3

The cream floor tile/mastic is located in the halls of the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as

miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

ORANGE FT-1, ORANGE FT-2 AND ORANGE FT-3

The orange floor tile/mastic is located as inlay/border tiles in the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

III. 300 WING:

3.15 <u>Ceiling Tile</u>

2x4 DOT CT-1, 2X4 DOT CT-2 AND 2X4 DOT CT-3

The pinhole patterned ceiling tile is located throughout the area. The material is currently in good condition and is friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.16 Duct Mastic

GRAY DUCT MAS-1, GRAY DUCT MAS-2 AND GRAY DUCT MAS-3

The gray duct mastic is located on the ducts above the ceiling throughout the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as TSI. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.17 Stage Curtain

GRN STAGE CUR-1, GRN STAGE CUR-2 AND GRN STAGE CUR-3

The green stage curtain is located in the stage area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

BLK STAGE CUR-1, GRN STAGE CUR-2 AND GRN STAGE CUR-3

The black stage curtain is located in the stage area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.18 <u>Baseboard</u>

BLK-1, BLK-2 AND BLK-3

The black baseboard/mastic is located throughout the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as

miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

LT BRN BB-1, LT BRN BB-2 AND LT BRN BB-3

The light brown baseboard/mastic is located throughout the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.19 Firestop

FS-1, FS-2 AND FS-3

The red firestop is located above the ceiling throughout the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.20 Window Caulk

WC-1, WC-2 AND WC-3

The window caulking is located on the windows throughout the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.21 Stair Tread

ST-1, ST-2 AND ST-3

The stair tread is located on the stairs in the stage area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.22 <u>Flooring</u>

WOOD FL-1, WOOD FL-2 AND WOOD FL-3

The wood patterned flooring/mastic is located in the stage area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as

miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

TEX FL-1, TEX FL-2 AND TEX FL-3

The textured flooring/mastic is located on the ramps in the stage area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

BEIGE FT-1, BEIGE FT-2 AND BEIGE FT-3

The beige flooring/mastic is located throughout the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

ORANGE FT-1, ORANGE FT-2 AND ORANGE FT-3

The orange flooring/mastic is located as inlay/border tiles in the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

IV. 400 WING:

3.23 <u>Wallboard</u>

WB-1 THROUGH WB-7

The wallboard is located throughout the area. The material is currently in good condition and is friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as surfacing. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.24 <u>Ceiling Tile</u>

ROUGH CT-1, ROUGH CT-2 AND ROUGH CT-3

The rough textured ceiling tile is located throughout the area. The material is currently in good condition and is friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.25 <u>Duct Mastic</u>

GRAY DUCT MAS-1, GRAY DUCT MAS-2 AND GRAY DUCT MAS-3

The gray duct mastic is located on the ducts above the ceiling throughout the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as TSI. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.26 <u>Window Caulking</u>

BLK WC-1, BLK WC-2 AND BLK WC-3

The black caulking is located around the windows throughout the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.27 <u>Baseboard</u>

LT BRN BB-1, LT BRN BB-2 AND LT BRN BB-3

The light brown baseboard/mastic is located throughout the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.28 <u>Flooring</u>

BEIGE FT-1, BEIGE FT-2 AND BEIGE FT-3

The beige flooring/mastic is located throughout the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

V. EXTERIOR ROOMS – MAIN STRUCTURE:

3.29 Ceiling Tile

LUMP CT-1, LUMP CT-2 AND LUMP CT-3

The lumpy textured ceiling tile is located in the exterior rooms of the main structure. The material is currently in good condition and is friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.30 Duct Mastic

DK GRAY DUCT MAS-1, DK GRAY DUCT MAS-2 AND DK GRAY DUCT MAS-3

The dark gray duct mastic is located on the ducts above the ceiling in the exterior rooms of the main structure. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is classified as ACM. The duct mastic contains 5% Chrysotile and there approximately 100 linear feet of the material. The material is classified as TSI. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

GRAY DUCT MAS-1, GRAY DUCT MAS-2 AND GRAY DUCT MAS-3

The gray duct mastic is located on the ducts above the ceiling in the exterior rooms of the main structure. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is classified as ACM. The duct mastic contains 5% Chrysotile and there approximately 100 linear feet of the material. The material is classified as TSI. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

VI. EXTERIOR – MAIN STRUCTURE:

3.31 Ceiling Texture

C.TEX-1 THROUGH C.TEX-5

The ceiling texture is located on the exterior of the main structure. The material is currently in good condition and is friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as surfacing. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.32 Roofing Roll Seam Seal

RSS-1, RSS-2 AND RSS-3

The roofing roll seam seal is located on the exterior roof of the main structure. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.33 Flash Seal

F.SEAL-1, F.SEAL-2 AND F.SEAL-3

The roof flashing seal is located on the exterior roof of the main structure. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.34 Exterior Window Caulk

EXT. WC-1, EXT. WC-2 AND EXT. WC-3

The window caulking is located on the exterior of the main structure. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.35 Brick/Mortar

B&M-1, B&M-2 AND B&M-3

The brick/mortar is located on the exterior of the main structure. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.36 <u>Roofing</u>

ROOF-1 THROUGH ROOF-9

The roofing is located on the exterior roof of the main structure. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.37 <u>Transite Panels</u>

T.PANEL-1 THROUGH T.PANEL-4

The transite panels are located above the exterior doorways of the 100 Wing of the main structure. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is classified as ACM. The transite panels contain 10% Chrysotile and there is approximately 500 sq.ft. of the material. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.38 Exterior Finish System

WH EFS-1, WH EFS-2 AND WH EFS-3

The white finish system is located on the exterior of the main structure. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

VII. PORTABLES:

3.39 <u>Flooring</u>

LT GRAY MOT FT-1, LT GRAY MOT FT-2 AND LT GRAY MOT FT-3

The light gray floor tile is located throughout the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

GRAY MOT FT-1, GRAY MOT FT-2 AND GRAY MOT FT-3

The gray floor tile is located throughout the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.40 <u>Roofing</u>

ROOF-1, ROOF-2 AND ROOF-3

The roofing shingles are located on the exterior roof of the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

PATCH ROOF-1, PATCH ROOF-2 AND PATCH ROOF-3

The roofing shingles are located on the exterior roof of the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

VIII. ENTIRE MAIN STRUCTURE:

3.41 <u>Cinderblock</u>

CB-1, CB-2 AND CB-3

The cinderblock is located throughout the main structure of the school. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is not classified as ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

3.42 <u>Fire Doors</u>

The fire doors are located throughout the main structure of the school. The material is currently in good condition and is non-friable with a low potential for damage. The fire doors were not sampled. Since sampling of the doors would be unsuitable, all fire doors shall be assumed to be ACM and treated as ACM, unless sampling is performed to prove the material is not ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

4.0 SUSPECT MATERIAL QUANTITIES

Summary of Suspect Material Quantities:

	SUSPECT MATERIAL	ACM? ¹ (Y/N)	APPROXIMATE QUANTITY ²
	WALLBOARD SYSTEM	N	4200 SF
	2X4 RANDOM PATTERNED CEILING TILE	N	14000 SF
	2X4 FISSURE PATTERNED CEILING TILE	N	4000 SF
	ROUGH TEXTURED CEILING TILE	N	2400 SF
	2X4 PIN PATTERNED CEILING TILE	N	700 SF
	3X6 CEILING TILE	Ν	3200 SF
	WHITE FIREPROOFING MATERIAL	N	1200 SF
	GRAY DUCT MASTIC	Y	1500 LF
	BLUE STRIPE PATTERNED CARPET/MASTIC	Ν	3000 SF
5 S	BLUE HATCH PATTERNED CARPET/MASTIC	N	3000 SF
100 WING	GRAY BROWN CARPET /MASTIC	Ν	1300 SF
0 N	ORANGE CARPET/MASTIC	Ν	600 SF
10	DARK BROWN BASEBOARD/MASTIC – JANITORS CLOSET	N	50 LF
	DARK BROWN BASEBOARD/MASTIC – BOOK ROOM	N	40 LF
	BLUE BASEBOARD/MASTIC	N	110 LF
	LIGHT BROWN BASEBOARD/MASTIC	N	2000 LF
	BROWN BASEBOARD/MASTIC	Ν	300 LF
	WHITE/PINK MOTTLED FLOOR TILE/MASTIC	Ν	600 SF
	BEIGE FLOOR TILE/MASTIC	N	500 SF
	WHITE/YELLOW FLOOR TILE/MASTIC	N	350 SF
	CREAM FLOOR TILE/MASTIC	N	15000 SF

FIREPROOFING	Ν	15000 SF
WALLBOARD SYSTEM	Ν	600 SF
2X2 RANDOM PATTERNED CEILING TILE	Ν	14000 SF
2X4 FISSURE PATTERNED CEILING TILE	Ν	1000 SF
2X4 DOT PATTERNED CEILING TILE	Ν	1200 SF
DARK GRAY DUCT MASTIC	N	100 LF
BROWN DUCT MASTIC	N	100 LF
GRAY DUCT MASTIC	N	400 LF
PINK FIRESTOP	N	50 SF
RED BASEBOARD/MASTIC	Ν	30 LF
BROWN BASEBOARD/MASTIC	Ν	1500 LF
LIGHT BROWN BASEBOARD/MASTIC	N	2500 LF
BEIGE FLOOR TILE/MASTIC	Ν	15000 SF
PINK FLOOR TILE/MASTIC	Ν	1400 SF
BEIGE/WHITE FLOORING/MASTIC	N	500 SF
CREAM FLOOR TILE/MASTIC	N	3000 SF
ORANGE FLOOR TILE/MASTIC	Ν	150 SF
	WALLBOARD SYSTEM 2X2 RANDOM PATTERNED CEILING TILE 2X4 FISSURE PATTERNED CEILING TILE 2X4 DOT PATTERNED CEILING TILE DARK GRAY DUCT MASTIC BROWN DUCT MASTIC GRAY DUCT MASTIC PINK FIRESTOP RED BASEBOARD/MASTIC BROWN BASEBOARD/MASTIC LIGHT BROWN BASEBOARD/MASTIC BEIGE FLOOR TILE/MASTIC PINK FLOOR TILE/MASTIC BEIGE/WHITE FLOORING/MASTIC CREAM FLOOR TILE/MASTIC	WALLBOARD SYSTEMN2X2 RANDOM PATTERNED CEILING TILEN2X4 FISSURE PATTERNED CEILING TILEN2X4 DOT PATTERNED CEILING TILENDARK GRAY DUCT MASTICNBROWN DUCT MASTICNGRAY DUCT MASTICNPINK FIRESTOPNRED BASEBOARD/MASTICNBROWN BASEBOARD/MASTICNDEIGE FLOOR TILE/MASTICNBEIGE FLOOR TILE/MASTICNBEIGE FLOOR TILE/MASTICNCREAM FLOOR TILE/MASTICNNNOPINK FLOOR TILE/MASTICNOPINK FLOOR TILE/MASTICN

NG	2X4 DOT PATTERNED CEILING TILE	Ν	20000 SF
	GRAY DUCT MASTIC	Ν	500 LF
	GREEN STAGE CURTAIN	Ν	1000 SF
N O	BLACK STAGE CURTAIN	Ν	1000 SF
300	BLACK BASEBOARD/MASTIC	Ν	200 LF
	LIGHT BROWN BASEBOARD/MASTIC	Ν	3000 LF

AHERA/NESHAP Asbestos Inspection Waccamaw Elementary School, Conway, SC

FIRESTOP	N	100 SF
WINDOW CAULKING	Ν	500 LF
STAIR TREAD	Ν	200 SF
WOOD FLOORING/MASTIC	Ν	1300 SF
TEXTURED FLOORING/MASTIC	Ν	400 SF
BEIGE FLOOR TILE/MASTIC	Ν	20000 SF
ORANGE FLOOR TILE/MASTIC	Ν	200 SF

/ING	WALLBOARD SYSTEM	Ν	10000 SF
	ROUGH CEILING TILE	Ν	4000 SF
	GRAY DUCT MASTIC	Ν	100 LF
M	BLACK WINDOW CAULKING	Ν	100 LF
400	LIGHT BROWN BASEBOARD/MASTIC	Ν	800 LF
	BEIGE FLOOR TILE/MASTIC	Ν	4000 SF

R	LUMPY TEXTURED CEILING TILE	Ν	1100 SF
\mathbf{S}	DARK GRAY DUCT MASTIC	Y	100 LF
RIO	GRAY DUCT MASTIC	Y	100 LF
EXTE ROC		Ν	
		Ν	
		Ν	

	CEILING TEXTURE	Ν	2000 LF
	ROOFING SEAM SEAL	Ν	1700 LF
R	FLASHING SEAL	Ν	2500 LF
OI	WINDOW CAULK	Ν	1500 LF
EXTERIOR	CONCRETE PANEL CAULK	Ν	500 LF
	BRICK/MORTAR	Ν	90000 SF
	ROOFING	Ν	110000 SF
	TRANSITE PANELS	Y	500 SF
	WHITE EXTERIOR FINISH SYSTEM	Ν	1400 SF

\sim	LIGHT GRAY MOTTLED FLOOR TILE/MASTIC	N	500 SF
LE	GRAY MOTTLED FLOOR TILE/MASTIC	Ν	1800 SF
AB	ROOFING SHINGLES	N	2600 SF
Ľ.	PATCHED ROOFING SHINGLES		150 SF
OF			
Р			

	CINDERBLOCK	Ν	135000 SF
R E	FIRE DOORS	Ν	150 UNITS
RE			
ED			
RE			
LS			

Quantities: SF = Square Feet, LF = Linear Feet, CF = Cubic Feet

Note 1: ACM = Material containing asbestos of any type, in an amount greater than 1% Note 2: All quantities are estimated and should not be used for bidding purposes

5.0 CONCLUSIONS AND RECOMMENDATIONS

On August 12, and August 17 to August 19, 2015, SUMMIT ELT, Inc. (SUMMIT) performed an AHERA/NESHAP Asbestos Inspection for Waccamaw Elementary School located at 251 Claridy Road in Conway, South Carolina.

There are a total of eleven (11) structures. The structures are currently being used as a high school facility. Of the eleven (11) structures, six (6) of the portables were in the process of being removed from the property at the time of inspection. These portables were numbered as the following: 299, 221, 242, 125, 223 and 92. SUMMIT did not have access these portables, therefore the structures were not inspected. The main school structure was divided up into several wings for inspection purposes. All remaining structures were fully inspected. At least one (1) of the structures is expected to be renovated.

100 WING:

DUCT MAS-1, DUCT MAS-2 AND DUCT MAS-3

The gray duct mastic is located on the ducts above the ceiling in the area. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is classified as ACM. The duct mastic contains 5% Chrysotile and there approximately 1500 linear feet of the material. The material is classified as TSI. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

EXTERIOR ROOMS:

DK GRAY DUCT MAS-1, DK GRAY DUCT MAS-2 AND DK GRAY DUCT MAS-3

The dark gray duct mastic is located on the ducts above the ceiling in the exterior rooms of the main structure. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is classified as ACM. The duct mastic contains 5% Chrysotile and there approximately 100 linear feet of the material. The material is classified as TSI. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

GRAY DUCT MAS-1, GRAY DUCT MAS-2 AND GRAY DUCT MAS-3

The gray duct mastic is located on the ducts above the ceiling in the exterior rooms of the main structure. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is classified as ACM. The duct mastic contains 5% Chrysotile and there approximately 100 linear feet of the material. The material is classified as TSI. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

EXTERIOR – MAIN STRUCTURE:

T.PANEL-1 THROUGH T.PANEL-4

The transite panels are located above the exterior doorways of the 100 Wing of the main structure. The material is currently in good condition and is non-friable with a low potential for damage. The material was sampled and the results indicated that the material is classified as ACM. The transite panels contain 10% Chrysotile and there is approximately 500 sq.ft. of the material. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

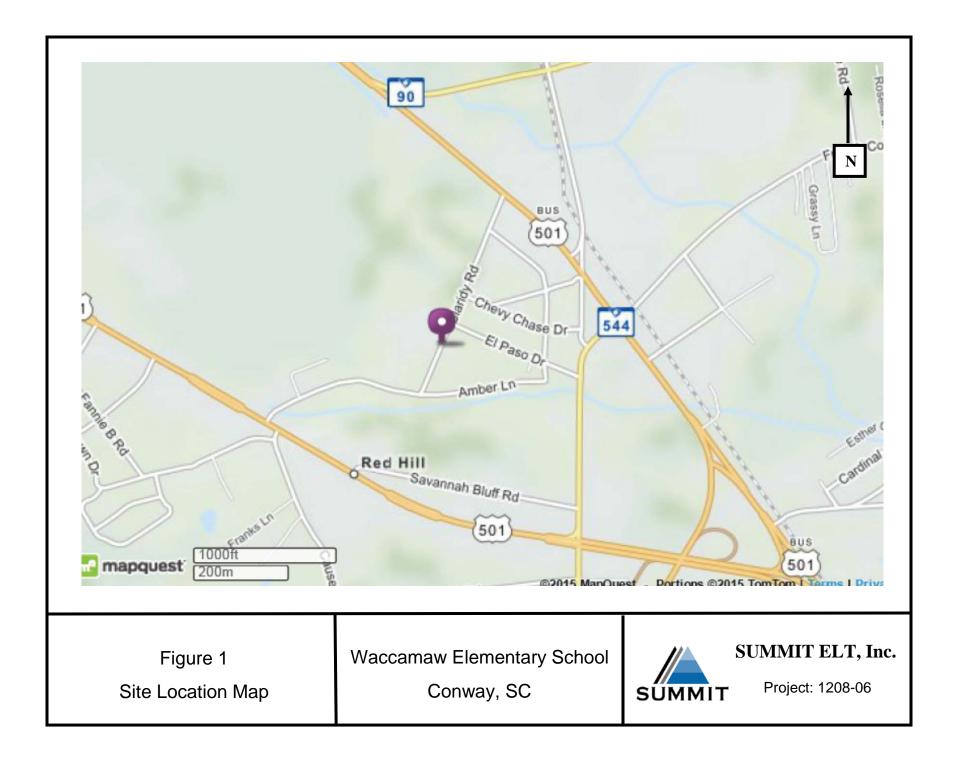
ENTIRE MAIN STRUCTURE:

The fire doors are located throughout the main structure of the school. The material is currently in good condition and is non-friable with a low potential for damage. The fire doors were not sampled. Since sampling of the doors would be unsuitable, all fire doors shall be assumed to be ACM and treated as ACM, unless sampling is performed to prove the material is not ACM. The material is classified as miscellaneous. The sample analysis of the material is enclosed in Appendix A. A detailed map showing the locations of the sampling locations can be found in SUMMIT Documentation.

If the structure is to be renovated or demolished, a copy of this report and a notification of demolition or renovation forms must be submitted to The South Carolina Department of Health and Environmental Control (SCDHEC) at least ten working days prior to these activities taking place.

Bidders are responsible for their own calculations and estimates of quantities. Actual quantities may be more or less than indicated. Though every effort was made to examine wall cavities and other areas for pipe insulation, spray-applied or trowel applied surfacing material or other miscellaneous materials and other Presumed Asbestos Containing Material (PACM), this survey and report only deals with accessible areas of the building. There may be additional inaccessible areas above ceiling, behind walls and below floors that become evident during demolition or renovation activities. If suspect materials are found, additional asbestos testing may be required.

FIGURES



APPENDIX A

ANALYTICAL RESULTS



EMSL Order: CustomerID: CustomerPO: ProjectID:

411505999 SECS21B

Attn: Tony Monk Phone: (704) 965-9235 Summit ELT Fax: Received: 08/26/15 9:45 AM 7349 Peppermill Pkwy Received: 08/26/15 9:45 AM Suite A Onorth Charleston, SC 29418 Collected:	
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Project: Waccamaw - 100

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

				Non-As	bestos	<u>Asbestos</u>
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
WB-1-Wallboard 411505999-0001	- Wallboard	Brown/Gray Fibrous Homogeneous	20% 1%		79% Non-fibrous (other)	None Detected
WB-1-Joint Compound 411505999-0001A	- Wallboard	White Non-Fibrous Homogeneous			30% Ca Carbonate 70% Non-fibrous (other)	None Detected
WB-1-Tape 411505999-0001B	- Wallboard	Beige Fibrous Homogeneous	100%	Cellulose	0% Non-fibrous (other)	None Detected
WB-2-Wallboard 411505999-0002	- Wallboard	Brown/Gray Fibrous Homogeneous	10% 1%		89% Non-fibrous (other)	None Detected
WB-2-Joint Compound 411505999-0002A	- Wallboard	White Non-Fibrous Homogeneous			30% Ca Carbonate 70% Non-fibrous (other)	None Detected
WB-2-Tape 411505999-0002B	- Wallboard	Beige Fibrous Homogeneous	100%	Cellulose	0% Non-fibrous (other)	None Detected
WB-3-Wallboard 411505999-0003	- Wallboard	Brown/Gray Fibrous Homogeneous	10% 1%	Cellulose Glass	89% Non-fibrous (other)	None Detected
WB-3-Joint Compound 411505999-0003A	- Wallboard	White Non-Fibrous Homogeneous			30% Ca Carbonate 70% Non-fibrous (other)	None Detected

Analyst(s)

Kristie Elliott (58) Nicole Shutts (42)

Evan L. Phumler

Lee Plumley, Laboratory Manager or other approved signatory

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EMSL Order: 411505999 CustomerID: SECS21B CustomerPO: ProjectID:

Attn:	Tony Monk	Phone:	(704) 965-9235
	Summit ELT	Fax:	22/22/47 2 47 11
	7349 Peppermill Pkwy	Received: Analysis Date:	08/26/15 9:45 AM 9/9/2015
	Suite A	Collected:	5/5/2015
	North Charleston, SC 29418		
Proje	et: Waccamaw - 100		

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

				Non-Ast	pestos	Asbestos	
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type	
WB-3-Tape	- Wallboard	Beige	100%	Cellulose	0% Non-fibrous (other)	None Detected	
411505999-0003B		Fibrous Homogeneous					
WB-4-Wallboard	- Wallboard	Brown/Gray	10%	Cellulose	89% Non-fibrous (other)	None Detected	
411505999-0004		Fibrous Heterogeneous	1%	Glass			
WB-4-Joint	- Wallboard	White			30% Ca Carbonate	None Detected	
Compound		Non-Fibrous			70% Non-fibrous (other)		
411505999-0004A		Homogeneous					
WB-5-Wallboard	- Wallboard	Brown/Gray	10%	Cellulose	89% Non-fibrous (other)	None Detected	
411505999-0005		Fibrous Heterogeneous	1%	Glass			
WB-5-Joint	- Wallboard	White			30% Ca Carbonate	None Detected	
Compound		Non-Fibrous			70% Non-fibrous (other)		
411505999-0005A		Homogeneous					
2x4 RANDOM CT-		Gray/White	50%	Cellulose	20% Perlite	None Detected	
411505999-0006	Ceiling Tile	Fibrous Homogeneous	10%	Min. Wool	20% Non-fibrous (other)		
2x4 RANDOM CT-2		Gray/White	50%	Cellulose	20% Perlite	None Detected	
411505999-0007	Ceiling Tile	Fibrous Homogeneous	10%	Min. Wool	20% Non-fibrous (other)		
2x4 RANDOM CT-3		Gray/White	55%	Cellulose	20% Perlite	None Detected	
411505999-0008	Ceiling Tile	Fibrous Heterogeneous	10%	Min. Wool	15% Non-fibrous (other)		

Analyst(s)

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EMSL Order: CustomerID: CustomerPO: ProjectID:

411505999 SECS21B

Attn:	Tony Monk Summit ELT 7349 Peppermill Pkwy Suite A North Charleston, SC 29418	Phone: Fax: Received: Analysis Date: Collected:	(704) 965-9235 08/26/15 9:45 AM 9/9/2015
	North Charleston, SC 29418		

Project: Waccamaw - 100

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

				<u>Non-Asb</u>	<u>Asbestos</u>	
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
2x4 FISSURE CT-1		Tan/White	45%	Cellulose	10% Perlite	None Detected
411505999-0009	Ceiling Tile	Fibrous Homogeneous	20%	Min. Wool	25% Non-fibrous (other)	
2x4 FISSURE CT-2	2 - 2x4 Fissure	Tan/White	45%	Cellulose	10% Perlite	None Detected
411505999-0010	Ceiling Tile	Fibrous Homogeneous	20%	Min. Wool	25% Non-fibrous (other)	
2x4 FISSURE CT-3		Gray/White	40%	Cellulose	10% Perlite	None Detected
411505999-0011	Ceiling Tile	Fibrous Heterogeneous	25%	Min. Wool	25% Non-fibrous (other)	
ROUGH CT-1	- 2x4 Rough	Brown/Gray	20%	Cellulose	79% Non-fibrous (other)	None Detected
411505999-0012	Texture Ceiling Tile	Fibrous Homogeneous	1%	Glass		
ROUGH CT-2	- 2x4 Rough	Brown/Gray	8%	Cellulose	91% Non-fibrous (other)	None Detected
411505999-0013	Texture Ceiling Tile	Fibrous Homogeneous	1%	Glass		
ROUGH CT-3	- 2x4 Rough	Brown/Gray	5%	Cellulose	94% Non-fibrous (other)	None Detected
411505999-0014	Texture Ceiling Tile	Fibrous Heterogeneous	1%	Glass		
2x4 PIN CT-1	- Ceiling Tile	Tan/White	40%	Cellulose	10% Perlite	None Detected
411505999-0015		Fibrous Homogeneous	30%	Min. Wool	20% Non-fibrous (other)	
2x4 PIN CT-2	- Ceiling Tile	Tan/White	40%	Cellulose	10% Perlite	None Detected
411505999-0016		Fibrous Homogeneous	30%	Min. Wool	20% Non-fibrous (other)	

Analyst(s)

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EMSL Order: CustomerID: CustomerPO: ProjectID:

411505999 SECS21B

Attn:	Summit ELT 7349 Peppermill Pkwy Suite A	Phone: Fax: Received: Analysis Date: Collected:	(704) 965-9235 08/26/15 9:45 AM 9/9/2015
	North Charleston, SC 29418		

Project: Waccamaw - 100

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

			Non-Ast	Asbestos	
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
2x4 PIN CT-3	- Ceiling Tile	Tan/White	40% Cellulose	10% Perlite	None Detected
411505999-0017		Fibrous Heterogeneous	30% Min. Wool	20% Non-fibrous (other)	
3x6 CT-1	- Ceiling Tile	Tan/White	40% Cellulose	10% Perlite	None Detected
411505999-0018		Fibrous Homogeneous	30% Min. Wool	20% Non-fibrous (other)	
3x6 CT-2	- Ceiling Tile	Tan/White	40% Cellulose	10% Perlite	None Detected
411505999-0019		Fibrous Homogeneous	30% Min. Wool	20% Non-fibrous (other)	
3x6 CT-3	- Ceiling Tile	Tan/White	40% Cellulose	10% Perlite	None Detected
411505999-0020		Fibrous Heterogeneous	30% Min. Wool	20% Non-fibrous (other)	
WH FP MAT-1	- White	White	<1% Cellulose	25% Ca Carbonate	None Detected
411505999-0021	Fireproofing Material	Non-Fibrous Homogeneous		75% Non-fibrous (other)	
WH FP MAT-2	- White	White	<1% Cellulose	25% Ca Carbonate	None Detected
411505999-0022	Fireproofing Material	Non-Fibrous Homogeneous		75% Non-fibrous (other)	
WH FP MAT-3	- White	White	<1% Cellulose	25% Ca Carbonate	None Detected
411505999-0023	Fireproofing Material	Non-Fibrous Homogeneous		75% Non-fibrous (other)	
WH FP MAT-4	- White	White	<1% Cellulose	30% Ca Carbonate	None Detected
411505999-0024	Fireproofing Material	Non-Fibrous Homogeneous		70% Non-fibrous (other)	

Analyst(s)

Kristie Elliott (58) Nicole Shutts (42)

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EMSL Order: CustomerID: CustomerPO: ProjectID:

411505999
SECS21B

Attn:	Tony Monk Summit ELT	Phone: Fax:	(704) 965-9235
	7349 Peppermill Pkwy Suite A North Charleston, SC 29418	Received: Analysis Date: Collected:	08/26/15 9:45 AM 9/9/2015
Projec	ct: Waccamaw - 100		

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

			Non-As	Asbestos		
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type	
WH FP MAT-5 411505999-0025	- White Fireproofing Material	White Non-Fibrous Homogeneous	<1% Cellulose	30% Ca Carbonate 70% Non-fibrous (other)	None Detected	
DUCT MAS-1 411505999-0026	- Duct Mastic	Gray Fibrous Homogeneous	3% Glass	92% Non-fibrous (other)	5% Chrysotile	
DUCT MAS-2 411505999-0027	- Duct Mastic	Gray Fibrous Heterogeneous	3% Glass <1% Cellulose	92% Non-fibrous (other)	5% Chrysotile	
DUCT MAS-3 411505999-0027A	- Duct Mastic	Gray Fibrous Heterogeneous	3% Glass <1% Cellulose	92% Non-fibrous (other)	5% Chrysotile	
BL STR CAR-1- Carpet 411505999-0028	- Blue Stripe Carpet	Red/Blue Fibrous Homogeneous	85% Synthetic	15% Non-fibrous (other)	None Detected	
BL STR CAR-1- Mastic 411505999-0028A	- Blue Stripe Carpet	Yellow Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected	
BL STR CAR-2- Carpet 411505999-0029	- Blue Stripe Carpet	Gray/Blue Fibrous Heterogeneous	85% Synthetic	15% Non-fibrous (other)	None Detected	
BL STR CAR-2- Mastic 411505999-0029A	- Blue Stripe Carpet	Yellow Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected	

Analyst(s)

Kristie Elliott (58) Nicole Shutts (42)

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Project: Waccamaw - 100

EMSL Analytical, Inc. 376 Crompton Street, Charlotte, NC 28273 (704) 525-2205 / (704) 525-2382 Phone/Fax: http://www.EMSL.com charlottelab@emsl.com EMSL Order: CustomerID: SECS21B CustomerPO: ProjectID:

411505999

Summit ELT Fax:	4) 965-9235 26/15 9:45 AM /2015
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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

			Non-As	bestos	Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
BL STR CAR-3- Carpet 411505999-0030	- Blue Stripe Carpet	Tan/Red/Blue Fibrous Homogeneous	85% Synthetic 1% Glass	14% Non-fibrous (other)	None Detected
BL HATCH CAR-1- Carpet 411505999-0031	Blue Hatch Carpet	Gray/Blue/Green Fibrous	95% Synthetic	5% Non-fibrous (other)	None Detected
BL HATCH CAR-1 Mastic	- Blue Hatch Carpet	Homogeneous Yellow Non-Fibrous	<1% Cellulose	100% Non-fibrous (other)	None Detected
411505999-0031A		Homogeneous			
BL HATCH CAR-2 Carpet	Blue Hatch Carpet	Brown/Gray/Blue Fibrous	85% Synthetic	15% Non-fibrous (other)	None Detected
411505999-0032		Homogeneous			
BL HATCH CAR-2 Mastic	- Blue Hatch Carpet	Yellow Non-Fibrous	<1% Cellulose	100% Non-fibrous (other)	None Detected
411505999-0032A		Homogeneous			
BL HATCH CAR-3 Carpet	Blue Hatch Carpet	Gray/Blue/Green Fibrous	95% Synthetic	5% Non-fibrous (other)	None Detected
411505999-0033		Homogeneous			
GRAY-BRN CAR-1 Carpet	Gray Brown Carpet	Brown/Tan/Beige Fibrous	85% Synthetic 1% Glass	14% Non-fibrous (other)	None Detected
411505999-0034		Homogeneous			

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EMSL Order: CustomerID: SECS21B CustomerPO: ProjectID:

411505999

Attn:	Tony Monk	Phone:	(704) 965-9235
	Summit ELT	Fax:	
	7349 Peppermill Pkwy	Received:	08/26/15 9:45 AM
		Analysis Date:	9/9/2015
	Suite A	Collected:	
	North Charleston, SC 29418		
Proje	ct: Waccamaw - 100		

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

			<u>Non-As</u>	bestos	Asbestos	
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type	
GRAY-BRN CAR- ⁻ Mastic	 Gray Brown Carpet 	Tan Non-Fibrous	<1% Cellulose	100% Non-fibrous (other)	None Detected	
411505999-0034A		Homogeneous				
GRAY-BRN CAR-		Beige/Peach		30% Ca Carbonate	None Detected	
Floor Tile	Carpet	Fibrous		70% Non-fibrous (other)		
411505999-0034B		Homogeneous				
GRAY-BRN CAR- Mastic	 Gray Brown Carpet 	Tan Non-Fibrous	<1% Cellulose	100% Non-fibrous (other)	None Detected	
411505999-0034C		Homogeneous				
GRAY-BRN CAR-2		Brown/Tan/Beige	85% Synthetic	14% Non-fibrous (other)	None Detected	
Carpet	Carpet	Fibrous	1% Glass			
411505999-0035		Homogeneous				
GRAY-BRN CAR-2		Tan	<1% Cellulose	100% Non-fibrous (other)	None Detected	
Mastic	Carpet	Non-Fibrous				
411505999-0035A		Homogeneous				
GRAY-BRN CAR-2		Tan/Beige		30% Ca Carbonate	None Detected	
Floor Tile	Carpet	Non-Fibrous		70% Non-fibrous (other)		
411505999-0035B		Homogeneous				
GRAY-BRN CAR-2		Tan	<1% Cellulose	100% Non-fibrous (other)	None Detected	
Mastic	Carpet	Non-Fibrous				
411505999-0035C		Homogeneous				

Analyst(s)

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EMSL Order: CustomerID: SECS21B CustomerPO: ProjectID:

411505999

Attn:	Tony Monk Summit ELT 7349 Peppermill Pkwy Suite A	Phone: Fax: Received: Analysis Date: Collected:	(704) 965-9235 08/26/15 9:45 AM 9/9/2015
	North Charleston, SC 29418		
Projec	ot: Waccamaw - 100		

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

			<u>Non-As</u>	Asbestos		
ample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type	
GRAY-BRN CAR-3 Carpet	Gray Brown Carpet	Brown/Tan/Beige Fibrous	85% Synthetic 1% Glass	14% Non-fibrous (other)	None Detected	
411505999-0036		Homogeneous				
ORG CAR-1-Carpe	t - Orange Carpet	Orange	95% Synthetic	3% Non-fibrous (other)	None Detected	
411505999-0037		Fibrous Homogeneous	2% Glass			
ORG CAR-1-Mastic	- Orange Carpet	Tan/Green	<1% Cellulose	100% Non-fibrous (other)	None Detected	
411505999-0037A		Non-Fibrous Homogeneous				
ORG CAR-2-Carpe	t - Orange Carpet	Brown/Tan/Orange	95% Synthetic	3% Non-fibrous (other)	None Detected	
411505999-0038		Fibrous Homogeneous	2% Glass			
ORG CAR-2-Mastic	- Orange Carpet	Tan	<1% Cellulose	100% Non-fibrous (other)	None Detected	
411505999-0038A		Non-Fibrous Homogeneous				
ORG CAR-3-Carpe	t - Orange Carpet	Orange	85% Synthetic	12% Non-fibrous (other)	None Detected	
411505999-0039		Fibrous Homogeneous	3% Glass			
CB-1	- Cinderblock	Gray/Beige		10% Quartz	None Detected	
411505999-0040		Non-Fibrous		5% Ca Carbonate		
		Homogeneous		85% Non-fibrous (other)		
CB-2	- Cinderblock	Gray/Beige		10% Quartz	None Detected	
411505999-0041		Non-Fibrous		5% Ca Carbonate		
		Homogeneous		85% Non-fibrous (other)		

Analyst(s)

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EMSL Order: 411505999 CustomerID: SECS21B CustomerPO: ProjectID:

Attn:	Tony Monk	Phone:	(704) 965-9235
	Summit ELT	Fax:	
	7349 Peppermill Pkwy	Received:	08/26/15 9:45 AM
		Analysis Date:	9/9/2015
	Suite A	Collected:	
	North Charleston, SC 29418		
Proje	ct: Waccamaw - 100		

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

				Non-Asbestos	Asbestos
Sample	Description	Appearance	% Fibrou	s % Non-Fibrous	% Type
CB-3	- Cinderblock	Gray/Tan/Beige		10% Quartz	None Detected
411505999-0042		Non-Fibrous		5% Ca Carbonate	
		Heterogeneous		85% Non-fibrous (other)	
DK BRN BB-1-	- Dark Brown	Brown		100% Non-fibrous (other)	None Detected
Baseboard	Baseboard	Non-Fibrous			
411505999-0043		Homogeneous			
DK BRN BB-1-	- Dark Brown	Tan	<1% Cellul	ose 100% Non-fibrous (other)	None Detected
Mastic	Baseboard	Non-Fibrous			
411505999-0043A		Homogeneous			
DK BRN BB-2-	- Dark Brown	Brown		100% Non-fibrous (other)	None Detected
Baseboard	Baseboard	Non-Fibrous			
411505999-0044		Homogeneous			
DK BRN BB-2-	- Dark Brown	Tan	<1% Cellul	ose 100% Non-fibrous (other)	None Detected
Mastic	Baseboard	Non-Fibrous			
411505999-0044A		Homogeneous			
BL BB-1-Baseboard	- Blue Baseboard	Blue		100% Non-fibrous (other)	None Detected
411505999-0045		Non-Fibrous Homogeneous			
BL BB-1-Mastic	- Blue Baseboard	Beige	<1% Cellul	ose 100% Non-fibrous (other)	None Detected
411505999-0045A		Non-Fibrous Homogeneous			

Analyst(s)

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Attn:	Tony Monk	Phone:	(704) 965-9235
	Summit ELT	Fax:	
	7349 Peppermill Pkwy	Received:	08/26/15 9:45 AM
		Analysis Date:	9/9/2015
	Suite A	Collected:	
	North Charleston, SC 29418	Concered.	
Projec	ct: Waccamaw - 100		

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

				Non-Asbestos	Asbestos
Sample	Description	Appearance	% Fibrou	us % Non-Fibrous	% Type
BL BB-2-Baseboard 411505999-0046	- Blue Baseboard	Blue Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
BL BB-2-Mastic 411505999-0046A	- Blue Baseboard	Beige Non-Fibrous Homogeneous	<1% Cellu	lose 100% Non-fibrous (other)	None Detected
DK BRN BB-4- Baseboard 411505999-0047	- Dark Brown Baseboard	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
DK BRN BB-4- Mastic 411505999-0047A	- Dark Brown Baseboard	Brown Non-Fibrous Homogeneous	<1% Cellu	lose 100% Non-fibrous (other)	None Detected
DK BRN BB-5- Baseboard 411505999-0048	- Dark Brown Baseboard	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
DK BRN BB-5- Mastic 411505999-0048A	- Dark Brown Baseboard	Brown Non-Fibrous Homogeneous	<1% Cellu	lose 100% Non-fibrous (other)	None Detected
LT BRN BB-1- Baseboard 411505999-0049	- Light Brown Baseboard	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

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411505999 SECS21B

Attn:	Tony Monk	Phone:	(704) 965-9235
	Summit ELT	Fax:	
	7349 Peppermill Pkwy	Received:	08/26/15 9:45 AM
		Analysis Date:	9/9/2015
	Suite A	Collected:	
	North Charleston, SC 29418		
Projec	ct: Waccamaw - 100		

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

		Non-Asbestos			<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
LT BRN BB-1- Mastic	- Light Brown Baseboard	Yellow Non-Fibrous	<1% Cellulose	100% Non-fibrous (other)	None Detected
411505999-0049A		Homogeneous			
LT BRN BB-2- Baseboard	- Light Brown Baseboard	Tan Non-Fibrous		100% Non-fibrous (other)	None Detected
411505999-0050		Homogeneous			
LT BRN BB-2- Mastic	- Light Brown Baseboard	Tan Non-Fibrous	<1% Cellulose	100% Non-fibrous (other)	None Detected
411505999-0050A		Homogeneous			
BRN BB-1- Baseboard	- Brown Baseboard	Gray Non-Fibrous		100% Non-fibrous (other)	None Detected
411505999-0051		Homogeneous			
BRN BB-1-Mastic	- Brown	Tan	<1% Cellulose	100% Non-fibrous (other)	None Detected
411505999-0051A	Baseboard	Non-Fibrous Homogeneous			
BRN BB-2- Baseboard	- Brown Baseboard	Tan Non-Fibrous		100% Non-fibrous (other)	None Detected
411505999-0052		Homogeneous			
BRN BB-2-Mastic	- Brown Baseboard	Tan	<1% Cellulose	100% Non-fibrous (other)	None Detected
411505999-0052A	Dasedoard	Non-Fibrous Homogeneous			

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EMSL Order: CustomerID: CustomerPO: ProjectID:

411505999 SECS21B

Tony Monk Summit ELT 7349 Peppermill Pkwy Suite A	Phone: Fax: Received: Analysis Date:	(704) 965-9235 08/26/15 9:45 AM 9/9/2015
Suite A North Charleston, SC 29418	Collected:	

Project: Waccamaw - 100

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

				Non-Asl	<u>bestos</u>	Asbestos
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
WH/PINK MOT FI 1-Floor Tile	White/ Pink Mottled Floor Tile	Gray/Beige Non-Fibrous			30% Ca Carbonate 70% Non-fibrous (other)	None Detected
411505999-0053		Homogeneous				
WH/PINK MOT FT 1-Mastic	White/ Pink Mottled Floor Tile	Black Non-Fibrous	3%	Cellulose	97% Non-fibrous (other)	None Detected
411505999-0053A		Homogeneous				
WH/PINK MOT FT 1-Leveler	White/ Pink Mottled Floor Tile	Brown Non-Fibrous	1%	Cellulose	5% Ca Carbonate 94% Non-fibrous (other)	None Detected
411505999-0053B		Homogeneous				
WH/PINK MOT FT 2-Floor Tile	White/ Pink Mottled Floor Tile	Gray/Beige Non-Fibrous			30% Ca Carbonate 70% Non-fibrous (other)	None Detected
411505999-0054		Homogeneous				
WH/PINK MOT FT 2-Mastic	White/ Pink Mottled Floor Tile	Black Non-Fibrous	3%	Cellulose	97% Non-fibrous (other)	None Detected
411505999-0054A		Homogeneous				
BEIGE FT-1-Floor Tile	- Beige Floor Tile	Tan/Beige Non-Fibrous			30% Ca Carbonate	None Detected
411505999-0055		Homogeneous			70% Non-fibrous (other)	
BEIGE FT-1-Masti 411505999-0055A	c - Beige Floor Tile	Tan Non-Fibrous Homogeneous	<1%	Cellulose	100% Non-fibrous (other)	None Detected

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EMSL Order: CustomerID: CustomerPO: ProjectID:

411505999 SECS21B

Project: Waccamaw - 100

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

		Non-Asbestos			bestos	<u>Asbestos</u>
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
BEIGE FT-2-Floor Tile	- Beige Floor Tile	Tan/Beige Non-Fibrous			30% Ca Carbonate 70% Non-fibrous (other)	None Detected
411505999-0056		Homogeneous				
BEIGE FT-2-Mastic	- Beige Floor Tile	Tan	<1%	Cellulose	100% Non-fibrous (other)	None Detected
411505999-0056A		Non-Fibrous Homogeneous				
WH/YEL FT-1-Floo		Tan/Beige			30% Ca Carbonate	None Detected
Tile	Floor Tile	Non-Fibrous			70% Non-fibrous (other)	
411505999-0057		Homogeneous				
WH/YEL FT-1-	- White/ Yellow	Black	3%	Cellulose	97% Non-fibrous (other)	None Detected
Mastic	Floor Tile	Non-Fibrous				
411505999-0057A		Homogeneous				
WH/YEL FT-2-Floo		Tan/Beige			30% Ca Carbonate	None Detected
Tile	Floor Tile	Non-Fibrous			70% Non-fibrous (other)	
411505999-0058		Homogeneous				
WH/YEL FT-2-	- White/ Yellow	Black	3%	Cellulose	97% Non-fibrous (other)	None Detected
Mastic	Floor Tile	Non-Fibrous				
411505999-0058A		Homogeneous				
CREAM FT-1-Floor	- Cream Floor Tile	Beige			30% Ca Carbonate	None Detected
Tile		Non-Fibrous			70% Non-fibrous (other)	
411505999-0059		Homogeneous				

Analyst(s)

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EMSL Order: CustomerID: CustomerPO: ProjectID:

411505999 SECS21B

Attn:		Phone:	(704) 965-9235
	Summit ELT 7349 Peppermill Pkwy Suite A	Fax: Received: Analysis Date:	08/26/15 9:45 AM 9/9/2015
Projec	North Charleston, SC 29418	Collected:	

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

		Non-Asbestos		<u>bestos</u>	Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
CREAM FT-1- Mastic 411505999-0059A	- Cream Floor Tile	Tan Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
CREAM FT-2-Floor Tile 411505999-0060	- Cream Floor Tile	Beige Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (other)	None Detected
CREAM FT-2- Mastic 411505999-0060A	- Cream Floor Tile	Tan Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected

Analyst(s)

Kristie Elliott (58) Nicole Shutts (42)

Evan L. Phumler

Lee Plumley, Laboratory Manager or other approved signatory

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Project: Waccamaw - 100

EMSL Order: 4115 CustomerID: SEC CustomerPO: ProjectID:

411505999 SECS21B

Attn: Tony Monk Summit ELT 7349 Peppermill Pkwy Suite A North Charleston, SC 29418
 Phone:
 (704) 965-9235

 Fax:
 Received:
 09/10/15 9:45 AM

 Analysis Date:
 9/15/2015
 Collected:

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
BL STR CAR-3- Mastic 411505999-0061	- Blue Stripe Carpet	Beige Non-Fibrous	100	None	No Asbestos Detected
		Homogeneous			
BL HATCH CAR-3- Mastic 411505999-0062	- Blue Hatch Carpet	Tan Non-Fibrous	100	None	No Asbestos Detected
411303333-0002		Homogeneous			
GRAY-BRN-CAR-3- Mastic 411505999-0063	- Gray Brown Carpet	Tan Non-Fibrous	100	None	No Asbestos Detected
411000000-0000		Homogeneous			
GRAY-BRN-CAR-3- Floor Tile 411505999-0064	- Gray Brown Carpet	Tan/Beige Non-Fibrous	100	None	No Asbestos Detected
		Homogeneous			
GRAY-BRN-CAR-3- Mastic 411505999-0065	- Gray Brown Carpet	Tan Non-Fibrous	100	None	No Asbestos Detected
		Homogeneous			
ORG-CAR-3-Mastic 411505999-0066	- Orange Carpet	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
DK-BRN BB-3- Baseboard 411505999-0067	- Dark Brown Baseboard	Brown Non-Fibrous	100	None	No Asbestos Detected
		Homogeneous			
DK-BRN BB-3-Mastic 411505999-0068	- Dark Brown Baseboard	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected

Analyst(s)

Stephen Bennett (24)

Evan L Plumber

Lee Plumley, Laboratory Manager or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Samples analyzed by EMSL Analytical, Inc. Kernersville, NC

Initial report from 09/15/2015 15:05:32



Project: Waccamaw - 100

EMSL Order: 4115 CustomerID: SEC CustomerPO: ProjectID:

411505999 SECS21B

Attn: Tony Monk Summit ELT 7349 Peppermill Pkwy Suite A North Charleston, SC 29418

 Phone:
 (704) 965-9235

 Fax:
 Received:
 09/10/15 9:45 AM

 Analysis Date:
 9/15/2015
 Collected:

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
BL BB-3-Baseboard 411505999-0069	- Blue Baseboard	Blue Non-Fibrous Homogeneous	100	None	No Asbestos Detected
BL BB-3-Mastic 411505999-0070	- Blue Baseboard	Beige Non-Fibrous Homogeneous	100	None	No Asbestos Detected
DK BRN BB-6- Baseboard 4115059999-0071	- Dark Brown Baseboard	Brown Non-Fibrous Homogeneous	100	None	No Asbestos Detected
DK BRN BB-6-Mastic 411505999-0072	- Dark Brown Baseboard	Brown Non-Fibrous Homogeneous	100	None	No Asbestos Detected
LT BRN BB-3- Baseboard 411505999-0073	- Light Brown Baseboard	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
LT BRN BB-3-Mastic 411505999-0074	- Light Brown Baseboard	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
BRN BB-3-Baseboard 411505999-0075	- Brown Baseboard	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
BRN BB-3-Mastic 411505999-0076	- Brown Baseboard	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
WH/PINK MOT FL-3- Floor Tile 411505999-0077	- White/ Pink Mottled Floor Tile	Beige Non-Fibrous	100	None	No Asbestos Detected
		Homogeneous			

Analyst(s)

Stephen Bennett (24)

Evan L Plumber

Lee Plumley, Laboratory Manager or other approved signatory

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Initial report from 09/15/2015 15:05:32



EMSL Order: CustomerID: CustomerPO: ProjectID:

411505999 SECS21B

Attn:	Tony Monk	Phone:	(704) 965-9235
	Summit ELT	Fax:	
	7349 Peppermill Pkwy	Received:	09/10/15 9:45 A
	Suite A	Analysis Date:	9/15/2015
	North Charleston, SC 29418	Collected:	

9/10/15 9:45 AM 9/15/2015

Project: Waccamaw - 100

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
WH/PINK MOT FL-3- Mastic 411505999-0078	- White/ Pink Mottled Floor Tile	Black Non-Fibrous	100	None	No Asbestos Detected
		Homogeneous			
BEIGE FT-3-Floor Tile 411505999-0079	- Beige Floor Tile	Tan/Beige Non-Fibrous	100	None	No Asbestos Detected
		Homogeneous			
BEIGE FT-3-Mastic 411505999-0080	- Beige Floor Tile	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
WH-YEL FT-3-Floor Tile 411505999-0081	- White/ Yellow Floor Tile	Tan/Beige Non-Fibrous Homogeneous	100	None	No Asbestos Detected
WH-YEL FT-3-Mastic 411505999-0082	- White/ Yellow Floor Tile	Black Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CREAM FT-3-Floor Tile 411505999-0083	- Cream Floor Tile	Gray/Beige Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CREAM FT-3-Mastic 411505999-0084	- Cream Floor Tile	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected

Analyst(s)

Stephen Bennett (24)

Evan L. Plumber

Lee Plumley, Laboratory Manager or other approved signatory

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Initial report from 09/15/2015 15:05:32



Asbestos Bulk Building Material Chain of Custody EMSL Order Number (Lab Use Only):

376 Crompton Street

Charlotte, NC 28273 PHONE: (704) 525-2205 FAX: (704) 525 2382

411505999

Company				_	If Bill to is Different no	Same Different
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		Anthony Monk		Telephone #:	7049659235	
			companies.com	Fax #:		Purchase Order:
Project Na	me/Num	ber: Waccan-q	~-100	Please Provid		Fax 🖌 Email Mail
U.S. State	Samples	Taken: SC				Taxable 🗌 Residential/Tax E
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		and the second state of the second state and the			ethod 198.4 (TEM)	a bije baldan bad baragan an shan dada sana shirida ar shirida ar shirida ar shirida ar shirida ar shirida ar s
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Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

411505999

376 Crompton Street

Charlotte, NC 28273 PHONE: (704) 525-2205 FAX: (704) 525 2382

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

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		Asbestos Bulk Building Material	376 Crompton Street
EM	-	Chain of Custody EMSL Order Number (Lab Use Only):	Charlotte, NC 28273 PHONE: (704) 525-2205
EMSL ANALY	or the party of the second s	411505999	FAX: (704) 525 2382
Additional	Pages of t <mark>h</mark> e (Chain of Custody are only necessary if needed for additional s	ample information
Sample #	HA#	Sample Location	Material Description
PPN		1 AL	PROWN CARDET

Sample #	HA #	Sample Location	Material Description
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BillTo: Summit I		tions: Mill, SC, 29715, United States 5 Email: amonk@summit-companies.com Purchase Order:	

EMSL ANALYTICAL, INC.		Asbestos Bulk Buil Chain of Cus EMSL Order Numbe	stody Charlotte NC 28272
		41150	5999 FAX: (704) 525 23
Additional	Pages of the Cl	nain of Custody are only necessary if	needed for additional sample information
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*Commen	its/Special Instru	ctions:	
		rt Mill, SC, 29715, United States 35 Email: amonk@summit-companies.com Purchase Order:	

Page . _ OT _ pages



EMSL Order: CustomerID: CustomerPO: ProjectID:

411506001 SECS21B

Attn:	^{n:} Tony Monk Summit ELT	Phone: Fax:	(704) 965-9235
	7349 Peppermill Pkwy	Received: Analysis Date:	08/26/15 9:45 AM 9/10/2015
	Suite A North Charleston, SC 29418	Collected:	3/10/2013

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

				Non-Asb	<u>estos</u>	Asbestos	
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type	
FP-1	- Fireproofing	Gray	50%	Min. Wool	20% Ca Carbonate	None Detected	
411506001-0001		Fibrous Homogeneous			30% Non-fibrous (other)		
FP-2	- Fireproofing	Gray	50%	Min. Wool	20% Ca Carbonate	None Detected	
411506001-0002		Fibrous Homogeneous	<1%	Cellulose	30% Non-fibrous (other)		
FP-3	- Fireproofing	Gray	50%	Min. Wool	20% Ca Carbonate	None Detected	
411506001-0003		Fibrous Homogeneous	<1%	Cellulose	30% Non-fibrous (other)		
FP-4	- Fireproofing	Gray	50%	Min. Wool	20% Ca Carbonate	None Detected	
411506001-0004		Fibrous Homogeneous	<1%	Cellulose	30% Non-fibrous (other)		
FP-5	- Fireproofing	Gray/White	80%	Min. Wool	20% Non-fibrous (other)	None Detected	
411506001-0005		Fibrous Heterogeneous	<1%	Cellulose			
FP-6	- Fireproofing	Gray/White	65%	Min. Wool	10% Ca Carbonate	None Detected	
411506001-0006		Fibrous Heterogeneous	1%	Cellulose	24% Non-fibrous (other)		
FP-7	- Fireproofing	Gray/Tan/White	70%	Min. Wool	5% Ca Carbonate	None Detected	
411506001-0007		Fibrous Heterogeneous	1%	Cellulose	24% Non-fibrous (other)		
WB-1-Wallboard	- Wallboard	Brown/Gray	5%	Cellulose	94% Non-fibrous (other)	None Detected	
411506001-0008		Fibrous Homogeneous	1%	Glass			

Analyst(s)

Kristie Elliott (36) Scott Combs (28)

Evan L. Phumler

Lee Plumley, Laboratory Manager or other approved signatory

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EMSL Order: CustomerID: CustomerPO: ProjectID:

411506001 SECS21B

Attn:	Tony Monk	Phone:	(704) 965-9235
	Summit ELT	Fax:	
	7349 Peppermill Pkwy	Received:	08/26/15 9:45 AM
		Analysis Date:	9/10/2015
	Suite A	Collected:	
	North Charleston, SC 29418		

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

				<u>Non-Ast</u>	<u>Asbestos</u>	
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
WB-1-Joint Compound	- Wallboard	White Non-Fibrous			30% Ca Carbonate 70% Non-fibrous (other)	None Detected
411506001-0008A		Homogeneous				
WB-1-Tape	- Wallboard	Beige	100%	Cellulose	0% Non-fibrous (other)	None Detected
411506001-0008B		Fibrous Homogeneous				
WB-2-Wallboard	- Wallboard	Brown/Gray	5%	Cellulose	94% Non-fibrous (other)	None Detected
411506001-0009		Fibrous Homogeneous	1%	Glass		
WB-2-Joint	- Wallboard	White			30% Ca Carbonate	None Detected
Compound		Non-Fibrous			70% Non-fibrous (other)	
411506001-0009A		Homogeneous				
WB-2-Tape	- Wallboard	Beige	100%	Cellulose	0% Non-fibrous (other)	None Detected
411506001-0009B		Fibrous Homogeneous				
WB-3-Wallboard	- Wallboard	Brown/Gray	8%	Cellulose	91% Non-fibrous (other)	None Detected
411506001-0010		Fibrous Heterogeneous	1%	Glass		
WB-3-Joint	- Wallboard	White	<1%	Cellulose	30% Ca Carbonate	None Detected
Compound		Non-Fibrous			70% Non-fibrous (other)	
411506001-0010A		Homogeneous				
WB-3-Tape	- Wallboard	Beige	100%	Cellulose	0% Non-fibrous (other)	None Detected
411506001-0010B		Fibrous Homogeneous				

Analyst(s)

Kristie Elliott (36) Scott Combs (28)

Evan L. Plumler

Lee Plumley, Laboratory Manager or other approved signatory

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EMSL Order: CustomerID: CustomerPO: ProjectID:

411506001 SECS21B

Attn:	Tony Monk	Phone:	(704) 965-9235
	Summit ELT	Fax:	
	7349 Peppermill Pkwy	Received:	08/26/15 9:45 AM
	Suite A	Analysis Date:	9/10/2015
		Collected:	
	North Charleston, SC 29418		

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

			Non-As	Asbestos	
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
2x2 RANDOM	CT-1 - Ceiling Tile	Tan/White	45% Cellulose	15% Perlite	None Detected
411506001-0011		Fibrous Homogeneous	10% Min. Wool	30% Non-fibrous (other)	
2x2 RANDOM	CT-2 - Ceiling Tile	Tan/White	45% Cellulose	15% Perlite	None Detected
411506001-0012		Fibrous Homogeneous	10% Min. Wool	30% Non-fibrous (other)	
2x2 RANDOM	CT-3 - Ceiling Tile	Gray/White	45% Cellulose	20% Perlite	None Detected
411506001-0013		Fibrous Heterogeneous	15% Min. Wool	20% Non-fibrous (other)	
2x4 FISSURE	CT-1 - Ceiling Tile	Gray/White	45% Cellulose	20% Perlite	None Detected
411506001-0014		Fibrous Homogeneous	20% Min. Wool	15% Non-fibrous (other)	
2x4 FISSURE	CT-2 - Ceiling Tile	Tan/White	40% Cellulose	15% Perlite	None Detected
411506001-0015		Fibrous Homogeneous	25% Min. Wool	20% Non-fibrous (other)	
2x4 FISSURE	CT-3 - Ceiling Tile	Gray/White	40% Cellulose	20% Ca Carbonate	None Detected
411506001-0016		Fibrous Heterogeneous	20% Min. Wool	20% Non-fibrous (other)	
2x4 DOT CT-1	- Ceiling Tile	White/Beige	45% Cellulose	20% Perlite	None Detected
411506001-0017		Fibrous Homogeneous	10% Min. Wool	25% Non-fibrous (other)	
2x4 DOT CT-2	- Ceiling Tile	Tan/White	45% Cellulose	20% Perlite	None Detected
411506001-0018		Fibrous Homogeneous	10% Min. Wool	25% Non-fibrous (other)	

Analyst(s)

Kristie Elliott (36) Scott Combs (28)

Evan L. Plumler

Lee Plumley, Laboratory Manager or other approved signatory

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EMSL Order: 411506001 CustomerID: SECS21B CustomerPO: ProjectID:

Attn:	Tony Monk Summit ELT 7349 Peppermill Pkwy Suite A North Charleston, SC 29418	Phone: Fax: Received: Analysis Date: Collected:	(704) 965-9235 08/26/15 9:45 AM 9/10/2015
	North Charleston, SC 29418	Collected:	

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

				Non-Asb	estos	Asbestos
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
2x4 DOT CT-3	- Ceiling Tile	Gray/White	45%	Cellulose	30% Perlite	None Detected
411506001-0019		Fibrous Heterogeneous	15%	Min. Wool	10% Non-fibrous (other)	
DK GRAY DUCT MAS-1	- Dark Gray Duct Mastic	Gray Fibrous	10% 5%	Glass Cellulose	85% Non-fibrous (other)	None Detected
411506001-0020		Homogeneous	0,0			
DK GRAY DUCT MAS-2	- Dark Gray Duct Mastic	Gray Fibrous	10% 5%	Glass Cellulose	85% Non-fibrous (other)	None Detected
411506001-0021		Homogeneous	570	Ochulose		
BRN DUCT MAS-1		Brown	5%	Glass	94% Non-fibrous (other)	None Detected
411506001-0022	Mastic	Fibrous Homogeneous	1%	Cellulose		
BRN DUCT MAS-2 411506001-0023	 Brown Duct Mastic 	Brown Non-Fibrous Homogeneous	<1%	Cellulose	100% Non-fibrous (other)	None Detected
GRAY DUCT MAS	Mastic	White	5%	Glass	93% Non-fibrous (other)	None Detected
1 411506001-0024		Fibrous	2%	Cellulose		
411500001-0024		Homogeneous				
GRAY DUCT MAS	Mastic	White	5%		94% Non-fibrous (other)	None Detected
2		Fibrous	1%	Cellulose		
411506001-0025		Homogeneous				
PINK FS-1	- Pink Firestop	White/Pink	<1%	Cellulose	100% Non-fibrous (other)	None Detected
411506001-0026		Non-Fibrous Homogeneous				

Analyst(s)

Kristie Elliott (36) Scott Combs (28)

Evan L. Plumber

Lee Plumley, Laboratory Manager or other approved signatory

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EMSL Order: 411506001 CustomerID: SECS21B CustomerPO: ProjectID:

Attn:	Tony Monk Summit ELT	Phone: Fax:	(704) 965-9235
	7349 Peppermill Pkwy	Received:	08/26/15 9:45 AM
	Suite A	-)	9/10/2015
	North Charleston, SC 29418	Collected:	

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

				<u>bestos</u>	Asbestos	
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type	
PINK FS-2	- Pink Firestop	White/Pink	<1% Cellulose	100% Non-fibrous (other)	None Detected	
411506001-0027		Non-Fibrous Homogeneous				
RED BB-1- Baseboard	- Red Baseboard	Red Non-Fibrous		100% Non-fibrous (other)	None Detected	
411506001-0028		Homogeneous				
RED BB-1-Mastic	- Red Baseboard	White	<1% Cellulose	100% Non-fibrous (other)	None Detected	
411506001-0028A		Non-Fibrous Homogeneous				
RED BB-2- Baseboard	- Red Baseboard	Red Non-Fibrous		100% Non-fibrous (other)	None Detected	
411506001-0029		Homogeneous				
RED BB-2-Mastic	- Red Baseboard	White	<1% Cellulose	100% Non-fibrous (other)	None Detected	
411506001-0029A		Non-Fibrous Homogeneous				
BRN BB-1- Baseboard	- Brown Baseboard	Brown/Gray Non-Fibrous		100% Non-fibrous (other)	None Detected	
411506001-0030		Homogeneous				
BRN BB-1-Mastic	- Brown	Tan	<1% Cellulose	100% Non-fibrous (other)	None Detected	
411506001-0030A	Baseboard	Non-Fibrous Homogeneous				
BRN BB-2-	- Brown	Brown/Gray		100% Non-fibrous (other)	None Detected	
Baseboard	Baseboard	Non-Fibrous				
411506001-0031		Homogeneous				

Analyst(s)

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Initial report from 09/10/2015 08:28:03



North Charleston, SC 29418

Attn:

EMSL Analytical, Inc. 376 Crompton Street, Charlotte, NC 28273 Phone/Fax: (704) 525-2205 / (704) 525-2382 http://www.EMSL.com charlottelab@emsl.com EMSL Order: 411506001 CustomerID: SECS21B CustomerPO: ProjectID:

Tony Monk	Phone:	(704) 965-9235	
Summit ELT	Fax:		
7349 Peppermill Pkwy	Received:	08/26/15 9:45 AM	
	Analysis Date:	9/10/2015	
Suite A	Collected:		

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

			Non-Ast	<u>bestos</u>	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
BRN BB-2-Mastic	- Brown	Tan/Yellow	1% Synthetic	99% Non-fibrous (other)	None Detected
411506001-0031A	Baseboard	Non-Fibrous Homogeneous	<1% Cellulose		
LT BRN BB-1-	- Light Brown	Tan		100% Non-fibrous (other)	None Detected
Baseboard	Baseboard	Non-Fibrous			
411506001-0032		Homogeneous			
LT BRN BB-1-	- Light Brown	Tan	<1% Cellulose	100% Non-fibrous (other)	None Detected
Mastic	Baseboard	Non-Fibrous			
411506001-0032A		Homogeneous			
LT BRN BB-2-	- Light Brown	Tan		100% Non-fibrous (other)	None Detected
Baseboard	Baseboard	Non-Fibrous			
411506001-0033		Homogeneous			
LT BRN BB-2-	- Light Brown	Gold	<1% Synthetic	100% Non-fibrous (other)	None Detected
Mastic	Baseboard	Non-Fibrous	<1% Cellulose		
411506001-0033A		Homogeneous			
BEIGE FT-1-Floor	- Beige Floor Tile	Tan/Beige		30% Ca Carbonate	None Detected
Tile		Non-Fibrous		70% Non-fibrous (other)	
411506001-0034		Homogeneous			
BEIGE FT-1-Mastic	- Beige Floor Tile	Tan	<1% Cellulose	100% Non-fibrous (other)	None Detected
411506001-0034A		Non-Fibrous Homogeneous			

Analyst(s)

Kristie Elliott (36) Scott Combs (28)

Evan L. Plumber

Lee Plumley, Laboratory Manager or other approved signatory

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Initial report from 09/10/2015 08:28:03



EMSL Order: 411506001 CustomerID: SECS21B CustomerPO: ProjectID:

Attn:	Tony Monk Summit ELT	Phone: Fax:	(704) 965-9235
	7349 Peppermill Pkwy	Received:	08/26/15 9:45 AM
	Suite A	Analysis Date: Collected:	9/10/2015
	North Charleston, SC 29418	Concerca.	

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

		Non-Asbestos		pestos	Asbestos	
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
BEIGE FT-2-Floor Tile	- Beige Floor Tile	Tan/Beige Non-Fibrous			20% Quartz 80% Non-fibrous (other)	None Detected
411506001-0035		Homogeneous				
BEIGE FT-2-Mastic	- Beige Floor Tile	Yellow	<1%	Cellulose	100% Non-fibrous (other)	None Detected
411506001-0035A		Non-Fibrous Homogeneous				
PINK FT-1-Floor Til	e - Pink Floor Tile	Pink			30% Ca Carbonate	None Detected
411506001-0036		Non-Fibrous Homogeneous			70% Non-fibrous (other)	
PINK FT-1-Mastic	- Pink Floor Tile	Brown	<1%	Cellulose	100% Non-fibrous (other)	None Detected
411506001-0036A		Non-Fibrous Homogeneous				
PINK FT-2-Floor Til	e - Pink Floor Tile	Pink			20% Quartz	None Detected
411506001-0037		Non-Fibrous Homogeneous			80% Non-fibrous (other)	
PINK FT-2-Mastic	- Pink Floor Tile	Tan/Yellow	<1%	Cellulose	100% Non-fibrous (other)	None Detected
411506001-0037A		Non-Fibrous Homogeneous				
BEIGE/ WH FL-1-	- Beige/ White	Gray/Beige	15%	Cellulose	83% Non-fibrous (other)	None Detected
Flooring	Flooring	Fibrous	1%	Glass		
411506001-0038		Homogeneous	1%	Synthetic		
BEIGE/ WH FL-1-	- Beige/ White	Beige	<1%	Cellulose	100% Non-fibrous (other)	None Detected
Mastic	Flooring	Non-Fibrous				
411506001-0038A		Homogeneous				

Analyst(s)

Kristie Elliott (36) Scott Combs (28)

Evan L. Plumber

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Initial report from 09/10/2015 08:28:03

Test Report PLM-7.28.9 Printed: 9/10/2015 8:28:03 AM



EMSL Order: 411506001 CustomerID: SECS21B CustomerPO: ProjectID:

Attn:	Tony Monk	Phone:	(704) 965-9235
	Summit ELT	Fax:	
	7349 Peppermill Pkwy	Received:	08/26/15 9:45 AM
		Analysis Date:	9/10/2015
	Suite A	Collected:	
	North Charleston, SC 29418		

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

			<u>Non-Ast</u>	<u>bestos</u>	Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
BEIGE/ WH FL-2- Flooring 411506001-0039	- Beige/ White Flooring	Gray/Tan/Beige Fibrous	20% Cellulose 2% Glass 1% Synthetic	77% Non-fibrous (other)	None Detected
		Heterogeneous	170 Oynaneae		
BEIGE/ WH FL-2- Mastic	- Beige/ White Flooring	Yellow/Beige Non-Fibrous	<1% Cellulose	100% Non-fibrous (other)	None Detected
411506001-0039A		Homogeneous			
CREAM FT-1-Floor	- Cream Floor Tile	White		30% Ca Carbonate	None Detected
Tile		Non-Fibrous		70% Non-fibrous (other)	
411506001-0040		Homogeneous			
CREAM FT-1- Mastic	- Cream Floor Tile	Tan Non-Fibrous	<1% Cellulose	100% Non-fibrous (other)	None Detected
411506001-0040A		Homogeneous			
CREAM FT-2-Floor	- Cream Floor Tile	Beige		20% Quartz	None Detected
Tile		Non-Fibrous		80% Non-fibrous (other)	
411506001-0041		Homogeneous			
CREAM FT-2- Mastic	- Cream Floor Tile	Yellow/Orange Non-Fibrous	<1% Cellulose	100% Non-fibrous (other)	None Detected
411506001-0041A		Homogeneous			
ORANGE FT-1-	- Floor Tile	Orange		30% Ca Carbonate	None Detected
Floor Tile		Non-Fibrous		70% Non-fibrous (other)	
411506001-0042		Homogeneous			

Analyst(s)

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Evan L. Plumler

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Initial report from 09/10/2015 08:28:03

Test Report PLM-7.28.9 Printed: 9/10/2015 8:28:03 AM



EMSL Order: 411506001 CustomerID: SECS21B CustomerPO: ProjectID:

Attn:	Tony Monk	Phone:	(704) 965-9235	
	Summit ELT 7349 Peppermill Pkwy Suite A	Fax:		
		Received:	08/26/15 9:45 AM	
		Analysis Date:	9/10/2015	
		Collected:		
	North Charleston, SC 29418			

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

			Non-Asl	Asbestos	
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
ORANGE FT-1- Mastic	- Floor Tile	Yellow Non-Fibrous	<1% Cellulose	100% Non-fibrous (other)	None Detected
411506001-0042A		Homogeneous			
ORANGE FT-2	- Floor Tile	Orange		20% Quartz	None Detected
411506001-0043		Non-Fibrous Homogeneous		80% Non-fibrous (other)	

Analyst(s)

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Initial report from 09/10/2015 08:28:03



EMSL Order: 4 CustomerID: S CustomerPO: ProjectID:

411506001 SECS21B

Attn: Tony Monk Summit ELT 7349 Peppermill Pkwy Suite A North Charleston, SC 29418

 Phone:
 (704) 965-9235

 Fax:
 Received:
 09/10/15 9:45 AM

 Analysis Date:
 9/14/2015
 Collected:

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
DK GRAY DUCT MAS-3 411506001-0044	- Dark Gray Duct Mastic	Gray Fibrous	100	None	No Asbestos Detected
411506001-0044		Heterogeneous			
BRN DUCT MAS-3 411506001-0045	- Brown Duct Mastic	Tan Fibrous Heterogeneous	100	None	No Asbestos Detected
GRAY DUCT MAS-3 411506001-0046	- Mastic	White Fibrous Heterogeneous	100	None	No Asbestos Detected
PINK FS-3 411506001-0047	- Pink Firestop	White/Pink Non-Fibrous Homogeneous	100	None	No Asbestos Detected
RED BB-3-Baseboard 411506001-0048	- Red Baseboard	Red Non-Fibrous Homogeneous	100	None	No Asbestos Detected
RED BB-3-Mastic 411506001-0049	- Red Baseboard	Beige Non-Fibrous Homogeneous	100	None	No Asbestos Detected
BRN BB-3-Baseboard 411506001-0050	- Brown Baseboard	Beige Non-Fibrous Homogeneous	100	None	No Asbestos Detected
BRN BB-3-Mastic 411506001-0051	- Brown Baseboard	Brown/Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
LT BRN BB-3- Baseboard 411506001-0052	- Light Brown Baseboard	Beige Non-Fibrous	100	None	No Asbestos Detected
		Homogeneous			

Analyst(s)

Stephen Bennett (20)

Evan L Plumber

Lee Plumley, Laboratory Manager or other approved signatory

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Initial report from 09/15/2015 15:07:15



EMSL Order: 41 CustomerID: SI CustomerPO: ProjectID:

411506001 SECS21B

Attn: Tony Monk Summit ELT 7349 Peppermill Pkwy Suite A North Charleston, SC 29418

 Phone:
 (704) 965-9235

 Fax:
 Received:
 09/10/15 9:45 AM

 Analysis Date:
 9/14/2015
 Collected:

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
LT BRN BB-3-Mastic 411506001-0053	- Light Brown Baseboard	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
BEIGE FT-3-Floor Tile 411506001-0054	- Beige Floor Tile	Tan/Beige Non-Fibrous Homogeneous	100	None	No Asbestos Detected
BEIGE FT-3-Mastic 411506001-0055	- Beige Floor Tile	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
PINK FT-3-Floor Tile 411506001-0056	- Pink Floor Tile	Pink Non-Fibrous Homogeneous	100	None	No Asbestos Detected
PINK FT-3-Mastic 411506001-0057	- Pink Floor Tile	Brown/Black Non-Fibrous Homogeneous	100	None	No Asbestos Detected
BEIGE/WH FL-3- Flooring 411506001-0058	- Beige/White Flooring	Gray/Various/Beige Fibrous Heterogeneous	100	None	No Asbestos Detected
BEIGE/WH FL-3- Mastic 411506001-0059	- Beige/White Flooring	Beige Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CREAM FT-3-Floor Tile 411506001-0060	- Cream Floor Tile	Beige Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CREAM FT-3-Mastic 411506001-0061	- Cream Floor Tile	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected

Analyst(s)

Stephen Bennett (20)

Evan L Plumley

Lee Plumley, Laboratory Manager or other approved signatory

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Initial report from 09/15/2015 15:07:15



EMSL Order: 4 CustomerID: 5 CustomerPO: ProjectID:

411506001 SECS21B

Attn:	Tony Monk	Phone:	(704) 965-9235
	Summit ELT	Fax:	
	7349 Peppermill Pkwy	Received:	09/10/15 9:45 AM
	Suite A	Analysis Date:	9/14/2015
		Collected:	
	North Charleston, SC 29418		

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
ORANGE FT-3-Floor Tile 411506001-0062	- Floor Tile	Orange Non-Fibrous	100	None	No Asbestos Detected
411000001 0002		Homogeneous			
ORANGE FT-3- Mastic 411506001-0063	- Floor Tile	Tan Non-Fibrous	100	None	No Asbestos Detected
		Homogeneous			

Analyst(s)

Stephen Bennett (20)

Evan L. Plumber

Lee Plumley, Laboratory Manager or other approved signatory

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Initial report from 09/15/2015 15:07:15



Asbestos Bulk Building Material Chain of Custody

376 Crompton Street

EMSL Order Nu			mber (Lab		Charlotte, NC 28273		
EMSL ANALY				SOGOO (PHONE: (704) 525- FAX: (704) 525			
Company:	Summit	ELT				Same Different	
		mill Pkwy Suit	Α	-		note instructions in Comments**	
and a local distance in the second			State/Province: SC	and the second se		written authorization from third party	
City: North		a contraction of the second	State/Province: 50		Il Code: 29418	Country: United States	
and the second sec		nthony Monk			e #: 7049659235		
the state of the state of the state of the		A second s	companies.com	Fax #:		Purchase Order:	
Project Na U.S. State				Please Provide Results: Fax 🖌 Email Mail CT Samples: Commercial/Taxable Residential/Tax Exe			
0.0.00000	oumpies		Turnaround Time (T				
	r 3 hr through		24 Hour 48 Hou head to schedule.*There is a p	premium charge f	Hour 96 Ho	our 1 Week 2 Week or EPA Level II TAT. You will be asked to sign is located in the Analytical Price Guide.	
und		- Bulk (reporti				M – Bulk	
PLM EP		3/116 (<1%)		TEM EP/	testing of the later of the lat	-93/116 Section 2.5.5.1	
	A NOB (<	1%)		NY ELAF	P Method 198.4 (TEN	/)	
		<0.25%) 🗌 100	and send the send of and a little and server. All a proves the set of a send of the	Chatfield	Protocol (semi-quar	ntitative)	
Point Count	t w/Gravim	etric 🗌 400 (<0).25%) 🔲 1000 (<0.1%)		The second	R-93/116 Section 2.5.5.2	
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	ID-191 Mo	198.6 NOB (no	n-triable-INY)			Other	
	rd Addition						
		Statement of the second					
Samplers I			Nonk		te Sampled: ers Signature:	Alter	
campione		., , , ,	7	Toumpin		presigni S	
Sample #	HA #		Sample Location			Material Description	
FP-1	1				FIRE	PRUDFING	
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WB-1	2	1			WALL	BARD	
WB-2		1					
NB-3	4					t	
Client Sam	nple # (s):	24	-		Tota	I # of Samples: 55	
Relinquish	ed (Client	1: Anthan	Da Da	ite: 8-2	5-15	Time: 10:15	
Received (The NO	Da	ite: 8/26	lis	Time: 9:45AM FA	
BillTo: Summit	ELT, 3575 Cent	re Circle, Fort Mill, SC, 27049659235 Email: a	29715, United States monk@summit-companies.com Purcha	Every 7	ed sampleby i	ten aly	
			and the state of the state in the state of the				

Page 1 of _____ pages

7743 5680 3070

EMSL ANALY		Asbestos Bulk Building Ma Chain of Custody EMSL Order Number (Lab Use C	Charlotte NC 28273
LABORATORY+PRO		411506001	FAX: (704) 525 2382
Additional	Pages of the C	hain of Custody are only necessary if needed for a	additional sample information
Sample #	HA #	Sample Location	Material Description
RANDOM CT-	3		CEILLING TILE
- 2	1		
3	+		L L
FISSURG CT-1	4		
2	1 1		
3	+		
DOT CT-1	5		
2			
3	4		+
GRAY DUCT MA	-16		BARK GRAY DUCT MASTIC
	+		+
MCT MAS-1	7		BROWN DUCT aNTITLE
2			
3	*		
Y DUCT MAS-1	8		MASINC
7			
	9		PINK FIRESTOP
K <u>RS-1</u> 2			PINK FIRESTOP
3			
BB BB. 1	10		RED BASEBOARD
2			1
3	T		+
	nts/Special Instr	Uctions: Fort Mill, SC, 29715, United States	

Page _____ of ____ pages

Additional F		41150600	
		hain of Custody are only necessary if nec	
	HA #	Sample Location	Material Description
NBR-1	11		BROWN BASEBOARD
2	1		1
3	t		
BRNBE-1	12		LIGHT BRUNN BASEBOARD
2	1		1
3	T		+
GE FT-1	13		BEIGE PLOOR THE
2	1		
3	+		L
PAUK FTI	14		PINK FLOR TILE
2	1		
3	t	States of the st	
iceluit FL-	15		BEIGE INITITE FLOORING
2			
	*		- F
EAN FT-1	16	and the first second second	CHEAM PLOOR TILE
3			
	17		FLOR TILL
Note FT-1 Z	17		1000 1102
3			
BillTo: Summit El		Uctions: Fort Mill, SC, 29715, United States 9235 Email: amonk@summit-companies.com Purchase Order:	

ł



EMSL Order: CustomerID: CustomerPO: ProjectID:

Attn: **Tony Monk** Phone: (704) 965-9235 Fax: Summit ELT Received: 08/26/15 9:45 AM 7349 Peppermill Pkwy Analysis Date: 9/9/2015 Suite A Collected: North Charleston, SC 29418 Project: Waccamaw Elementary - 300

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

				Non-Asbest	Asbestos	
Sample	Description	Appearance	% Fibro	ous	% Non-Fibrous	% Туре
2x4 DOT CT-1	- Ceiling Tile	White/Beige	45% Cel	llulose	20% Perlite	None Detected
411506095-0001		Fibrous Homogeneous	15% Min	n. Wool	20% Non-fibrous (other)
2x4 DOT CT-2	- Ceiling Tile	White/Beige	45% Cel	llulose	20% Perlite	None Detected
411506095-0002		Fibrous Homogeneous	15% Min	n. Wool	20% Non-fibrous (other)
2x4 DOT CT-3	- Ceiling Tile	White/Beige	45% Cel	llulose	20% Perlite	None Detected
411506095-0003		Fibrous Heterogeneous	15% Min	n. Wool	20% Non-fibrous (other)
GRAY DUCT MAS	Duct Mastic	White	2% Wo	ollastonite	98% Non-fibrous (other) None Detected
1		Non-Fibrous	<1% Cel	llulose		
411506095-0004		Homogeneous				
GRAY DUCT MAS	Duct Mastic	White	2% Wo	ollastonite	98% Non-fibrous (other) None Detected
2		Non-Fibrous	<1% Cel	llulose		
411506095-0005		Homogeneous				
GRN STAGE CUR		Green	99% Cel	llulose	1% Non-fibrous (other) None Detected
1	Curtain	Fibrous				
411506095-0006		Homogeneous				
GRN STAGE CUR		Green	99% Cel	llulose	1% Non-fibrous (other) None Detected
2	Curtain	Fibrous				
411506095-0007		Homogeneous				
GRN STAGE CUR	0	Green	99% Cel	llulose	1% Non-fibrous (other) None Detected
3	Curtain	Fibrous				
411506095-0008		Homogeneous				

Analyst(s)

Kristie Elliott (23) Nicole Shutts (20)

Evan L Plumker

Lee Plumley, Laboratory Manager or other approved signatory

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EMSL Order: CustomerID: SECS21B CustomerPO: ProjectID:

411506095

Attn:	Tony Monk	Phone:	(704) 965-9235
	Summit ELT	Fax:	
	7349 Peppermill Pkwy	Received:	08/26/15 9:45 AM
	Suite A	Analysis Date:	9/9/2015
	North Charleston, SC 29418	Collected:	
Proje	ct: Waccamaw Elementary - 300		

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

			Non-Asbestos			<u>Asbestos</u>
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
BLK STAGE CUR-1 411506095-0009	- Black Stage Curtain	Black Fibrous Homogeneous		Cellulose Synthetic	10% Non-fibrous (other)	None Detected
BLK STAGE CUR-2 411506095-0010	- Black Stage Curtain	Black Fibrous Homogeneous		Cellulose Synthetic	10% Non-fibrous (other)	None Detected
BLK STAGE CUR-3 411506095-0011	- Black Stage Curtain	Black Fibrous Heterogeneous		Cellulose Synthetic	10% Non-fibrous (other)	None Detected
BLK BB-1- Baseboard 411506095-0012	- Black Baseboard	Black Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
BLK BB-1-Mastic 411506095-0012A	- Black Baseboard	Black/Beige Non-Fibrous Homogeneous	<1%	Cellulose	100% Non-fibrous (other)	None Detected
BLK BB-2- Baseboard 411506095-0013	- Black Baseboard	Black Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
BLK BB-2-Mastic	- Black Baseboard	Black/Beige Non-Fibrous Homogeneous	<1%	Cellulose	100% Non-fibrous (other)	None Detected
LT BRN BB-1- Baseboard 411506095-0014	- Light Brown Baseboard	Tan Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected

Analyst(s)

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Initial report from 09/09/2015 14:28:47

Test Report PLM-7.28.9 Printed: 9/9/2015 2:28:47 PM



EMSL Order: CustomerID: CustomerPO: ProjectID:

411506095 SECS21B

Sui 734 Sui	ny Monk mmit ELT 49 Peppermill Pkwy ite A rth Charleston, SC 29418	Phone: Fax: Received: Analysis Date: Collected:	(704) 965-9235 08/26/15 9:45 AM 9/9/2015
	rtn Charleston, SC 29418 Vaccamaw Elementary - 300		

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

				<u>Non-Ast</u>	pestos	Asbestos
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
LT BRN BB-1- Mastic	- Light Brown Baseboard	Tan Non-Fibrous	<1%	Cellulose	100% Non-fibrous (other)	None Detected
411506095-0014A		Homogeneous				
LT BRN BB-2- Baseboard	- Light Brown Baseboard	Brown/Tan Non-Fibrous			100% Non-fibrous (other)	None Detected
411506095-0015		Homogeneous				
LT BRN BB-2- Mastic	- Light Brown Baseboard	Tan Non-Fibrous	<1%	Cellulose	100% Non-fibrous (other)	None Detected
411506095-0015A		Homogeneous				
FS-1	- Fire Stop	Red/Black Fibrous	3%	Glass	97% Non-fibrous (other)	None Detected
411506095-0016		Homogeneous				
FS-2	- Fire Stop	Red/Black	3%	Glass	97% Non-fibrous (other)	None Detected
411506095-0017		Non-Fibrous Homogeneous				
WC-1	- Window Caulk	Brown			100% Non-fibrous (other)	None Detected
411506095-0018		Non-Fibrous Homogeneous				
WC-2	- Window Caulk	Black			100% Non-fibrous (other)	None Detected
411506095-0019		Non-Fibrous Homogeneous				
ST-1-Stair Tread	Stage - Stair Tread	Tan Non-Fibrous			100% Non-fibrous (other)	None Detected
411506095-0020		Homogeneous				

Analyst(s)

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Initial report from 09/09/2015 14:28:47

Test Report PLM-7.28.9 Printed: 9/9/2015 2:28:47 PM



EMSL Order: 411506095 CustomerID: SECS21B CustomerPO: ProjectID:

Attn:	Tony Monk Summit ELT	Phone: Fax:	(704) 965-9235
	7349 Peppermill Pkwy Suite A North Charleston, SC 29418	Received: Analysis Date: Collected:	08/26/15 9:45 AM 9/9/2015
Proje	ct: Waccamaw Elementary - 300		

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

			<u>Non-Ast</u>	pestos	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
ST-1-Mastic	Stage - Stair Tread	White	<1% Cellulose	100% Non-fibrous (other)	None Detected
411506095-0020A		Non-Fibrous Homogeneous			
ST-2-Stair Tread	Stage - Stair Tread	Tan		100% Non-fibrous (other)	None Detected
411506095-0021		Non-Fibrous Homogeneous			
ST-2-Mastic	Stage - Stair Tread	White	<1% Cellulose	100% Non-fibrous (other)	None Detected
411506095-0021A		Non-Fibrous Homogeneous			
WOOD FL-1-	- Wood Pattern	Brown/Tan		100% Non-fibrous (other)	None Detected
Flooring	Flooring	Non-Fibrous			
411506095-0022		Homogeneous			
WOOD FL-1-Mastic		Tan	<1% Cellulose	100% Non-fibrous (other)	None Detected
411506095-0022A	Flooring	Non-Fibrous Homogeneous			
WOOD FL-2-	- Wood Pattern	Brown/Tan		100% Non-fibrous (other)	None Detected
Flooring	Flooring	Non-Fibrous			
411506095-0023		Homogeneous			
WOOD FL-2-Mastic		Tan	<1% Cellulose	100% Non-fibrous (other)	None Detected
411506095-0023A	Flooring	Non-Fibrous Homogeneous			
TEX FL-1-Floor Tile		Gray/Tan/White		30% Ca Carbonate	None Detected
411506095-0024	Flooring	Non-Fibrous Homogeneous		70% Non-fibrous (other)	

Analyst(s)

Kristie Elliott (23) Nicole Shutts (20)

Evan L. Phumler

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Project: Waccamaw Elementary - 300

Attn:

EMSL Analytical, Inc. 376 Crompton Street, Charlotte, NC 28273 Phone/Fax: (704) 525-2205 / (704) 525-2382 http://www.EMSL.com charlottelab@emsl.com EMSL Order: 411506095 CustomerID: SECS21B CustomerPO: ProjectID:

Tony Monk	Phone:	(704) 965-9235
Summit ELT	Fax:	
7349 Peppermill Pkwy	Received:	08/26/15 9:45 AM
	Analysis Date:	9/9/2015
Suite A	Collected:	
North Charleston, SC 29418		

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

			5	. ,	
			<u>Non-Asl</u>	<u>pestos</u>	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
TEX FL-1-Mastic	Ramp - Textured	Tan	<1% Cellulose	100% Non-fibrous (other)	None Detected
411506095-0024A	Flooring	Non-Fibrous Homogeneous			
TEX FL-2-Floor Tile		Gray/Tan/White		30% Ca Carbonate	None Detected
411506095-0025	Flooring	Non-Fibrous Homogeneous		70% Non-fibrous (other)	
TEX FL-2-Mastic	Ramp - Textured	Tan	<1% Cellulose	100% Non-fibrous (other)	None Detected
411506095-0025A	Flooring	Non-Fibrous Homogeneous			
BEIGE FT-1-Floor	- Beige Flooring	Tan/Beige		30% Ca Carbonate	None Detected
Tile		Non-Fibrous		70% Non-fibrous (other)	
411506095-0026		Homogeneous			
BEIGE FT-1-Mastic	c - Beige Flooring	Orange	<1% Cellulose	100% Non-fibrous (other)	None Detected
411506095-0026A		Non-Fibrous Homogeneous			
FEIGE FT-2-Floor	- Beige Flooring	Tan/Beige		30% Ca Carbonate	None Detected
Tile		Non-Fibrous		70% Non-fibrous (other)	
411506095-0027		Homogeneous			
FEIGE FT-2-Mastic	- Beige Flooring	Orange	<1% Cellulose	100% Non-fibrous (other)	None Detected
411506095-0027A		Non-Fibrous Homogeneous			
ORANGE FT-1-	- Orange Flooring	Orange		30% Ca Carbonate	None Detected
Floor Tile		Non-Fibrous		70% Non-fibrous (other)	
411506095-0028		Homogeneous			

Analyst(s)

Kristie Elliott (23) Nicole Shutts (20)

Evan L. Phumler

Lee Plumley, Laboratory Manager or other approved signatory

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Initial report from 09/09/2015 14:28:47

Test Report PLM-7.28.9 Printed: 9/9/2015 2:28:47 PM



EMSL Order: 411506095 CustomerID: SECS21B CustomerPO: ProjectID:

Attn:	Tony Monk	Phone:	(704) 965-9235	
	Summit ELT	Fax:		
	7349 Peppermill Pkwy	Received:	08/26/15 9:45 AM	
		Analysis Date:	9/9/2015	
	Suite A	Collected:		
	North Charleston, SC 29418			

Project: Waccamaw Elementary - 300

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

			<u>Non-Asl</u>	<u>bestos</u>	Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
ORANGE FT-1- Mastic	- Orange Flooring	Gray/Beige Non-Fibrous	<1% Cellulose	100% Non-fibrous (other)	None Detected
411506095-0028A		Homogeneous			
ORANGE FT-2-	- Orange Flooring	Orange		30% Ca Carbonate	None Detected
Floor Tile		Non-Fibrous		70% Non-fibrous (other)	
411506095-0029		Homogeneous			
ORANGE FT-2- Mastic	- Orange Flooring	Beige Non-Fibrous	<1% Cellulose	100% Non-fibrous (other)	None Detected
411506095-0029A		Homogeneous			

Analyst(s)

Kristie Elliott (23) Nicole Shutts (20)

Evan L. Plumber

Lee Plumley, Laboratory Manager or other approved signatory

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EMSL Order: 4115 CustomerID: SEC CustomerPO: ProjectID:

411506095 SECS21B

Attn:	Tony Monk	Phone:	(704) 965-9235
	Summit ELT	Fax:	
	7349 Peppermill Pkwy	Received:	09/10/15 9:45 AM
	Suite A	Analysis Date:	9/14/2015
	North Charleston, SC 29418	Collected:	

Project: Waccamaw Elementary - 300

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
GRAY DUCT MAS-3 411506095-0030	- Duct Mastic	Beige Fibrous Heterogeneous	98.1	1.9 Fibrous (other)	No Asbestos Detected
MgAlSi fiber	s present.				
BLK BB-3-Baseboard 411506095-0031	- Black Baseboard	Black Non-Fibrous Homogeneous	100	None	No Asbestos Detected
BLK BB-3-Mastic 411506095-0031A	- Black Baseboard	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
LT BRN BB-3- Baseboard 411506095-0032	- Light Brown Baseboard	Tan Non-Fibrous	100	None	No Asbestos Detected
		Homogeneous			
LT BRN BB-3-Mastic 411506095-0032A	- Orange Flooring	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
FS-3 411506095-0033	- Fire Stop	Red/Black Non-Fibrous Homogeneous	100	None	No Asbestos Detected
WC-3 411506095-0034	- Window Caulk	Black Non-Fibrous Homogeneous	100	None	No Asbestos Detected
ST-3-Stair Tread 411506095-0035	Stage - Stair Tread	Beige Non-Fibrous Homogeneous	100	None	No Asbestos Detected
ST-3-Mastic 411506095-0035A	Stage - Stair Tread	White Non-Fibrous Homogeneous	100	None	No Asbestos Detected

Analyst(s)

Stephen Bennett (17)

Evan L Plumler

Lee Plumley, Laboratory Manager or other approved signatory

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Initial report from 09/14/2015 15:55:17



Project: Waccamaw Elementary - 300

EMSL Order: 4115 CustomerID: SEC CustomerPO: ProjectID:

411506095 SECS21B

Attn:Tony MonkPhone:Summit ELTFax:7349 Peppermill PkwyReceiveSuite AAnalysiNorth Charleston, SC 29418Collecter

 Phone:
 (704) 965-9235

 Fax:
 Received:
 09/10/15 9:45 AM

 Analysis Date:
 9/14/2015
 Collected:

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
WOOD FL-3- Flooring 411506095-0036	- Wood Pattern Flooring	Brown/Tan Non-Fibrous	100	None	No Asbestos Detected
		Homogeneous			
WOOD FL-3-Mastic 411506095-0036A	- Wood Pattern Flooring	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
TEX FT-3-Floor Tile 411506095-0037	Ramp - Textured Flooring	Gray/Tan/White Non-Fibrous Homogeneous	100	None	No Asbestos Detected
TEX FT-3-Mastic 411506095-0037A	Ramp - Textured Flooring	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
BEIGE FT-3-Floor Tile 411506095-0038	- Beige Flooring	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
BEIGE FT-3-Mastic 411506095-0038A	- Beige Flooring	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
ORANGE FT-3-Floor Tile 411506095-0039	- Orange Flooring	Orange Non-Fibrous Homogeneous	100	None	No Asbestos Detected
ORANGE FT-3- Mastic 411506095-0039A	- Orange Flooring	Tan Non-Fibrous	100	None	No Asbestos Detected
		Homogeneous			

Analyst(s)

Stephen Bennett (17)

Evan L Plumber

Lee Plumley, Laboratory Manager or other approved signatory

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Initial report from 09/14/2015 15:55:17



Asbestos Bulk Building Material Chain of Custody EMSL Order Number (Lab Use Only):

376 Crompton Street

Charlotte, NC 28273 PHONE: (704) 525-2205 FAX: (704) 525 2382

411506095

	-	-			EMSL-Bill to: Same 🗹 Different
Company	: Summit	t ELT			If Bill to is Different note instructions in Comments**
Street: 73	49 Peppe	ermill Pkwy Suit	eA	Third Pan	ty Billing requires written authorization from third party
City: North	n Charles	ston	State/Province: SC	Zip/Postal Cod	the second se
Report To	(Name):	Anthony Monk		Telephone #: 7	
the second s	and the second se	the second adapted of the second state of the	companies.com	Fax #:	
				Please Provide	Purchase Order: e Results: Fax V Email Mail
U.S. State	Samples	Taken: SC	- Elementery - 300		Commercial/Taxable Residential/Tax Exe
			Turnaround Time (TAT) Options* - Pl	
*For TEM A an a	ir 3 hr throu	gh 6 hr, please call a	24 Hour 48 Hou head to schedule.*There is a Analysis completed in acco	premium charge for 3 H	96 Hour 1 Week 2 Week lour TEM AHERA or EPA Level II TAT. You will be asked to ms and Conditions located in the Analytical Price Guide.
		A - Bulk (reportin			TEM – Bulk
DPLM E	PA 600/R-	93/116 (<1%)		TEM EPA NO	B – EPA 600/R-93/116 Section 2.5.5.1
	A NOB (<1%)		NY ELAP Met	
Point Cour	nt 🗌 400	(<0.25%) 🔲 100	0 (<0.1%)	A CONTRACTOR OF A CONTRACTOR O	ocol (semi-quantitative)
Point Cour	nt w/Gravi	metric 🗌 400 (<0	.25%) 🗌 1000 (<0.1%)	the second s	ss - EPA 600/R-93/116 Section 2.5.5.2
		and the second second second second	and the second se	the second	ve via Filtration Prep Technique
and the second of the second of the second	be with the best of a set bear of a factor of the base of the	d 198.1 (friable in	NY)	and the state of t	ve via Drop Mount Prep Technique
NY EL	AP Metho	d 198.6 NOB (noi	n-friable-NY)		Other
OSHA	ID-191 M	odified			
Standa	rd Additio	on Method			
Check	For Posit	ive Stop - Clear	ly Identify Homogenous	Group Date Sa	mpled:
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Sample #	HA #	1	Sample Location		
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2 3 107 MAS-1 2 3 146E 5 VR - 1	1 1 2 1 3				CELLING THE
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3 TA612	+ 3 + 4				CERME THE L DUCT MASTIC L GREGEN STAGE CURTAIN L
2 3 $107 MAS - 1$ 2 3 $746E$ $CVE - 1$ 7 3 $746E$ $CME - 1$ $Client San$ Relinquisl	3 4 4 4	Att		nte: 8-25-15	CELLING THE L DUCT MASTIC L CREEN STAGE CURTAIN L BUGU STAGE CURTAIN Total # of Samples: 39 Time: 10:15
$\frac{2}{3}$ $\frac{107 \text{ MAS} - 1}{2}$ $\frac{3}{7462}$ $\frac{7}{642}$ $\frac{3}{7462}$ $\frac{7}{642}$ $\frac{3}{7462}$ $\frac{7}{642}$ $\frac{1}{10}$ Client San Relinquist Received	3 4 4 4 1 4	Att	-	te: 8/26/15	CELLING THE L DUCT MASTIC L GREEN STAGE CURTAIN L BLACK STAGE CURTAIN Total # of Samples: 39

EMSL ANALYTICAL, INC. LABORATORY-PRODUCTS-TRAINENO Additional Pages of the Chain of Cl			Chain of Cust EMSL Order Number (ab Use Only): PHONE: (704) 525-2
		the Chain of Cu	411506 stody are only necessary if ne	
Sample #	HA#		Sample Location	Material Description
	4		Campie Location	BLACK STUGE CURTHIN
STACK STACK UN-3	"		Sample Conversion	"
BB-1	5			BLACK RASEBOARD
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-3	4			The second secon
EN BB-1	6			LIGHT BRUNN BASEBEARD
2	I			
3	+			t t
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2				
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FL-1	11	RAMP		TEXTURES PLUORING
2				and the second s
3	V	*		¥
E FT-1	12			BEIGE FLORING
BillTo: Summit	ELT, 3575 Cen	al Instructions: tre Circle, Fort Mill, SC, 297 e: 7049659235 Email: amor	15, United States k@summit-companies.com Purchase Order:	
			Page of	

	Asbestos Bulk Building Material	376 Crompton Street
EMEL	Chain of Custody EMSL Order Number (Lab Use Only):	Charlotte, NC 28273 PHONE: (704) 525-2205
EMSL ANALYTICAL, INC.	411506095	FAX: (704) 525 2382

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	HA#	Sample	e Location	Material Description
612 FT-2	12			BEIGE FLOURING
-3	"			+
NOR FT-1	13			ORANGE FLOS RING
2				
3				¥
				·
			The second second	
*Comme	nts/Special	Instructions: Circle, Fort Mill, SC, 29715, United Stat	De	

Page _____ of ____ pages



EMSL Order: CustomerID: CustomerPO: ProjectID:

411506097 SECS21B

Tony Monk	Phone: Fax:	(704) 965-9235
Summit ELT 7349 Peppermill Pkwy Suite A North Charleston, SC 29418	Fax: Received: Analysis Date: Collected:	08/26/15 9:45 AM 9/9/2015

Project: Waccamaw - 400

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

				Non-Asl	<u>bestos</u>	<u>Asbestos</u>
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
WB-1-Wallboard	- Wallboard	Brown/Gray Fibrous Homogeneous	20% 1%	Cellulose Glass	79% Non-fibrous (other)	None Detected
WB-1-Joint Compound 411506097-0001A	- Wallboard	White Non-Fibrous Homogeneous			30% Ca Carbonate 70% Non-fibrous (other)	None Detected
WB-1-Tape 411506097-0001B	- Wallboard	Beige Fibrous Homogeneous	100%	Cellulose	0% Non-fibrous (other)	None Detected
WB-2-Wallboard 411506097-0002	- Wallboard	Brown/Gray Fibrous Homogeneous	60% 1%		39% Non-fibrous (other)	None Detected
WB-2-Joint Compound 411506097-0002A	- Wallboard	White Non-Fibrous Homogeneous			30% Ca Carbonate 70% Non-fibrous (other)	None Detected
WB-2-Tape 411506097-0002B	- Wallboard	Beige Fibrous Homogeneous	100%	Cellulose	0% Non-fibrous (other)	None Detected
WB-3-Wallboard 411506097-0003	- Wallboard	Brown/Gray Fibrous Homogeneous	20% 1%	Cellulose Glass	79% Non-fibrous (other)	None Detected
WB-3-Joint Compound 411506097-0003A	- Wallboard	White Non-Fibrous Homogeneous			30% Ca Carbonate 70% Non-fibrous (other)	None Detected

Analyst(s)

Kristie Elliott (20) Nicole Shutts (16)

Evan L. Phumler

Lee Plumley, Laboratory Manager or other approved signatory

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EMSL Order: CustomerID: CustomerPO: ProjectID:

411506097 SECS21B

Attn:	Tony Monk Summit ELT	Phone: Fax:	(704) 965-9235
	7349 Peppermill Pkwy Suite A North Charleston, SC 29418	Received: Analysis Date: Collected:	08/26/15 9:45 AM 9/9/2015
Projec	ct: Waccamaw - 400		

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

			Non-Asl	<u>Asbestos</u>		
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
WB-3-Tape 411506097-0003B	- Wallboard	Beige Fibrous Homogeneous	100%	Cellulose	0% Non-fibrous (other)	None Detected
WB-4-Wallboard	- Wallboard	Brown/Gray Fibrous Homogeneous	20% 1%	Cellulose Glass	79% Non-fibrous (other)	None Detected
WB-4-Joint Compound 411506097-0004A	- Wallboard	White Non-Fibrous Homogeneous			30% Ca Carbonate 70% Non-fibrous (other)	None Detected
WB-4-Tape 411506097-0004B	- Wallboard	Beige Fibrous Homogeneous	100%	Cellulose	0% Non-fibrous (other)	None Detected
WB-5-Wallboard 411506097-0005	- Wallboard	Gray/W hite Fibrous Heterogeneous	10% 1%	Cellulose Glass	89% Non-fibrous (other)	None Detected
WB-5-Joint Compound 411506097-0005A	- Wallboard	White Non-Fibrous Homogeneous			30% Ca Carbonate 70% Non-fibrous (other)	None Detected
WB-5-Tape 411506097-0005B	- Wallboard	Beige Fibrous Homogeneous	100%	Cellulose	0% Non-fibrous (other)	None Detected
WB-6-Wallboard 411506097-0006	- Wallboard	Brown/Gray Fibrous Heterogeneous	10% 1%	Cellulose Glass	89% Non-fibrous (other)	None Detected

Analyst(s)

Kristie Elliott (20) Nicole Shutts (16)

Evan L. Plumler

Lee Plumley, Laboratory Manager or other approved signatory

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EMSL Order: CustomerID: CustomerPO: ProjectID:

411506097 SECS21B

Attn:	Tony Monk	Phone: Fax:	(704) 965-9235
	Summit ELT 7349 Peppermill Pkwy Suite A North Charleston, SC 29418	Received: Analysis Date: Collected:	08/26/15 9:45 AM 9/9/2015
Projec	et: Waccamaw - 400		

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

				Non-Asb	Asbestos	
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
WB-6-Joint Compound	- Wallboard	White Non-Fibrous			30% Ca Carbonate 70% Non-fibrous (other)	None Detected
411506097-0006A		Homogeneous				
WB-6-Tape	- Wallboard	Beige	100%	Cellulose	0% Non-fibrous (other)	None Detected
411506097-0006B		Fibrous Homogeneous				
WB-7-Wallboard	- Wallboard	Brown/Gray	10%		89% Non-fibrous (other)	None Detected
411506097-0007		Fibrous Heterogeneous	1%	Glass		
WB-7-Joint	- Wallboard	White			30% Ca Carbonate	None Detected
Compound		Non-Fibrous			70% Non-fibrous (other)	
411506097-0007A		Homogeneous				
WB-7-Tape	- Wallboard	Beige	100%	Cellulose	0% Non-fibrous (other)	None Detected
411506097-0007B		Fibrous Homogeneous				
ROUGH CT-1	- Rough Ceiling	Gray/White	90%	Min. Wool	9% Non-fibrous (other)	None Detected
Tile 411506097-0008	Fibrous Homogeneous	1%	Cellulose			
ROUGH CT-2	- Rough Ceiling	Gray/White	90%	Min. Wool	9% Non-fibrous (other)	None Detected
411506097-0009	Tile	Fibrous Homogeneous	1%	Cellulose		
ROUGH CT-3	- Rough Ceiling	Gray/White	90%	Min. Wool	9% Non-fibrous (other)	None Detected
411506097-0010	Tile	Fibrous Heterogeneous	1%	Cellulose		

Analyst(s)

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EMSL Order: CustomerID: CustomerPO: ProjectID:

411506097 SECS21B

	Tony Monk Summit ELT 7349 Peppermill Pkwy Suite A North Charleston, SC 29418	Phone: Fax: Received: Analysis Date: Collected:	(704) 965-9235 08/26/15 9:45 AM 9/9/2015	
Projec	·			

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

				Non-Asbe	estos	Asbestos
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
GRAY DUCT MAS	- Gray Duct Mastic	White Non-Fibrous	2% <1%	Wollastonite Cellulose	98% Non-fibrous (other)	None Detected
411506097-0011		Homogeneous				
GRAY DUCT MAS	Gray Duct Mastic	White Non-Fibrous	2%		98% Non-fibrous (other)	None Detected
411506097-0012		Non-Fibrous Homogeneous	<1%	Cellulose		
BLK WC-1	- Black Window	Black			100% Non-fibrous (other)	None Detected
411506097-0013	Caulk	Non-Fibrous Homogeneous				
BLK WC-2	- Black Window Caulk	Black			100% Non-fibrous (other)	None Detected
411506097-0014	Caulk	Non-Fibrous Homogeneous				
LT BRN BB-1- Baseboard	- Light Brown Baseboard	Brown/Tan			100% Non-fibrous (other)	None Detected
411506097-0015	Daseboard	Non-Fibrous				
		Homogeneous				
LT BRN BB-1- Mastic	- Light Brown Baseboard	Tan Non-Fibrous	<1%	Cellulose	100% Non-fibrous (other)	None Detected
411506097-0015A		Homogeneous				
LT BRN BB-2-	- Light Brown	Brown/Tan			100% Non-fibrous (other)	None Detected
Baseboard 411506097-0016	Baseboard	Non-Fibrous				
+11000097-0010		Homogeneous				

Analyst(s)

Kristie Elliott (20) Nicole Shutts (16)

Evan L. Plumler

Lee Plumley, Laboratory Manager or other approved signatory

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EMSL Order: CustomerID: CustomerPO: ProjectID:

411506097 SECS21B

Attn:	Tony Monk	Phone:	(704) 965-9235
	Summit ELT	Fax:	
	7349 Peppermill Pkwy	Received:	08/26/15 9:45 AM
		Analysis Date:	9/9/2015
	Suite A	Collected:	
	North Charleston, SC 29418		
Proje	et: Waccamaw - 400		

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

		Non-Asbestos			<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
LT BRN BB-2- Mastic	- Light Brown Baseboard	Tan Non-Fibrous	<1% Cellulose	100% Non-fibrous (other)	None Detected
411506097-0016A		Homogeneous			
BEIGE FT-1-Floor	- Beige Floor Tile	Tan/Beige		30% Ca Carbonate	None Detected
Tile		Non-Fibrous		70% Non-fibrous (other)	
411506097-0017		Homogeneous			
BEIGE FT-1-Mastic	- Beige Floor Tile	Tan	<1% Cellulose	100% Non-fibrous (other)	None Detected
411506097-0017A		Non-Fibrous Homogeneous			
BEIGE FT-2-Floor	- Beige Floor Tile	Tan/Beige		30% Ca Carbonate	None Detected
Tile		Non-Fibrous		70% Non-fibrous (other)	
411506097-0018		Homogeneous			
BEIGE FT-2-Mastic	- Beige Floor Tile	Tan	<1% Cellulose	100% Non-fibrous (other)	None Detected
411506097-0018A		Non-Fibrous Homogeneous			

Analyst(s)

Kristie Elliott (20) Nicole Shutts (16)

Evan L. Phumber

Lee Plumley, Laboratory Manager or other approved signatory

5

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EMSL Order: CustomerID: CustomerPO: ProjectID:

411506097 SECS21B

Attn:	Tony Monk	Phone:	(704) 965-9235
	Summit ELT	Fax:	
	7349 Peppermill Pkwy	Received:	09/10/15 9:45 AM
	Suite A North Charleston, SC 29418	Analysis Date: Collected:	9/14/2015

Project: Waccamaw - 400

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
GRAY DUCT MAS-3 411506097-0019	- Gray Duct Mastic	White Fibrous Heterogeneous	100	None	No Asbestos Detected
BLK WC-3 411506097-0020	- Black Window Caulk	Gray Non-Fibrous Homogeneous	100	None	No Asbestos Detected
LT BRN BB-3- Baseboard 411506097-0021	- Light Brown Baseboard	Tan Non-Fibrous Homogeneous	100	<0.1 Fibrous (other)	No Asbestos Detected
CaS fibers p	resent				
LT BRN BB-3-Mastic 411506097-0021A	- Light Brown Baseboard	Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected
BEIGE FT-3-Floor Tile 411506097-0022	- Beige Floor Tile	Tan/Beige Non-Fibrous Homogeneous	100	None	No Asbestos Detected
BEIGE FT-3-Mastic 411506097-0022A	- Beige Floor Tile	Brown/Tan Non-Fibrous Homogeneous	100	None	No Asbestos Detected

Analyst(s)

Stephen Bennett (6)

Evan L. Plumler

Lee Plumley, Laboratory Manager or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Samples analyzed by EMSL Analytical, Inc. Kernersville, NC

Initial report from 09/14/2015 18:17:24



Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

376 Crompton Street

Charlotte, NC 28273 PHONE: (704) 525-2205 FAX: (704) 525 2382

LABORATORY+PRODUCTS+TRAINING	411	506097		FAX: (704) 525 2382	
Company : Summit ELT				Same Different	
Street: 7349 Peppermill Pkwy S	Suite A			nstructions in Comments**	
City: North Charleston	State/Province: SC	Zip/Postal Cod	and the second se	ten authorization from third party Country: United States	
Report To (Name): Anthony Mor	and we have been a start of the start of t	Telephone #: 7	and the state of t	Country: Onned States	
Email Address: amonk@sumn			043033233		
Project Name/Number: Wacco		Fax #: Please Provide	Doculte: East	Purchase Order:	
U.S. State Samples Taken: SC			Commercial/Tax		
	Turnaround Time (TAT) Options* - Pl	ease Check		
3 Hour 6 Hour	24 Hour 48 Hou	and and a second s		A Level II TAT. You will be asked to sign	
an authorization form for this ser	vice. Analysis completed in acco	rdance with EMSL's Te	rms and Conditions loca	ated in the Analytical Price Guide.	
PLM - Bulk (repo			<u>TEM –</u>		
PLM EPA 600/R-93/116 (<1%)		and a stand of the set	B – EPA 600/R-93/	116 Section 2.5.5.1	
PLM EPA NOB (<1%)		NY ELAP Met			
Point Count 400 (<0.25%) · · · Point Count w/Gravimetric 400	and the standard and the standard and the standard is a standard in the standard st	 ☐ Chatfield Protocol (semi-quantitative) 〕 ☐ TEM % by Mass – EPA 600/R-93/116 Section 2.5.5.2 			
a second s	(<0.25%) [] 1000 (<0.1%)	and a state of the second seco	ve via Filtration Pre	and the second second state in a second state of the second second second second second second second second s	
 □ NIOSH 9002 (<1%) □ NY ELAP Method 198.1 (friable) 			ve via Prop Mount F	and the second	
NY ELAP Method 198.6 NOB			Oth		
OSHA ID-191 Modified		-			
Standard Addition Method					
Check For Positive Stop - Cl	early Identify Homogenous	Group Date Sa	mpled:		
	ony Month	Samplers S	C.	that	
	0	1	1		
	Sample Location		N	laterial Description	
WB-1 1			Wall	Board	
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7		and the second			
ROUGH 2			Dent	1	
CT-1 C			rough	- Ceiling Jule	
21			The states of		
3			1		
Client Sample # (s):			Total # c	of Samples: 22	
Relinquished (Client):	thip Da	ate: 8-23		Time: 10:15	
Received (Lab):	Da	ate: 8/26/15		Time: 9:45 An	
Comments/Special Instructions BillTo: Summit ELT, 3575 Centre Circle, Fort Mill, Attention: Anthony Monk Phone: 7049659235 Em	SC, 29715, United States	Every	312 NOB 60	inple 6y TEM	
	Page 1 of Z	pages	F/x	7743 5680 3070	

	Asbestos
EMSL	Ch
-	EMSL Or
EMSL ANALYTICAL, INC.	

L

Asbestos Bulk Building Material Chain of Custody

376 Crompton Street

MSL Order Number (Lab Use Only):

411506097

Charlotte, NC 28273 PHONE: (704) 525-2205 FAX: (704) 525 2382

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	HA#	Sample Location	Material Description
GRAY MAS-1	3		GrayDuctMasti
. 7			
3			
BLK WC-1			Black Window Caul
WC-1	T		Stack + theoweau
2			
BRN	5		Light Brown Base Ba
BB-1			
2			
BEIGE			Beige Floor Till
FT-I			Deige Jioor sill
3			
5	V		V
BillTo: Summ	it ELT, 3575 Centr	Instructions: a Circle, Fort Mill, SC, 29715, United States 7049659235 Email: amonk@summit-companies.com Purchase Order:	
			in the second



EMSL Order: 411506553 CustomerID: SECS21B CustomerPO: ProjectID:

Attn:	Tony Monk	Phone:	(704) 965-9235
	Summit ELT	Fax:	
	7349 Peppermill Pkwy	Received:	09/16/15 9:45 AM
	Suite A	Analysis Date: Collected:	9/16/2015
	North Charleston, SC 29418	Concered.	
Proje	ct: Waccamaw-Exterior Rooms		

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

		Non-Asbestos			Asbestos	
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	s % Type	
LUMP CT-1 411506553-0001	Ceiling Tile- Lump	Gray Non-Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected	
LUMP CT-2 411506553-0002	Ceiling Tile- Lump	Gray Non-Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected	
LUMP CT-3 411506553-0003	Ceiling Tile- Lump	Brown Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected	
DK Gray DM-1 411506553-0004	Dark Gray Duct Mastic	Gray Non-Fibrous Homogeneous		5% Ca Carbonate 91% Non-fibrous (other)	4% Chrysotile	
DK Gray DM-2 411506553-0005	Dark Gray Duct Mastic	Gray Non-Fibrous Homogeneous		5% Ca Carbonate 91% Non-fibrous (other)	4% Chrysotile	
GRAY DM-1 411506553-0006	Gray Duct Mastic	Gray Fibrous Heterogeneous		10% Ca Carbonate 85% Non-fibrous (other)	5% Chrysotile	
GRAY DM-2 411506553-0007	Gray Duct Mastic	Gray Non-Fibrous Homogeneous		5% Ca Carbonate 91% Non-fibrous (other)	4% Chrysotile	

Analyst(s)

Erin Guzowski (3) Eric Loomis (4)

Evan L. Phumber

Lee Plumley, Laboratory Manager or other approved signatory

1

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Initial report from 09/17/2015 08:41:38



Attn:	Tony Monk	Phone:	(704) 965-9235
	Summit ELT 7349 Peppermill Pkwy	Fax: Received:	09/16/15 9:45 AM
	Suite A North Charleston, SC 29418	Analysis Date: Collected:	9/16/2015
Projec	t: Waccamaw-Exterior Rooms		

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
DK Gray DM-2 411506553-0008	Dark Gray Duct Mastic				
Positive	Stop (Not Analyzed)				
GRAY DM-2 411506553-0009	Gray Duct Mastic				
Positive	Stop (Not Analyzed)				

Analyst(s)

Evan L. Plumler

Lee Plumley, Laboratory Manager or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Samples analyzed by EMSL Analytical, Inc. Charlotte, NC

Initial report from 09/17/2015 08:41:30

	As	bestos Chair	n of Custody			
EMSL		SL Order Num				
EMSL ANALYTICAL, INC.		4150655	3			
			EMSI-F	Bill to: Same D	ifferent	
Company: Sum	WIT ELT			ifferent note instructions in C		
Street: 7349	Peppenil Pl	eny	Third Party Billing re	equires written authorizat	ion from third party	
City: N. Charles	1 4	Province: 5	Zip/Postal Code: Z	9418 Cou	ntry: 154	
Report To (Name):	Anthony Mont	L	Fax #:			
Telephone #: 704	504 1717	,	Email Address: an	ank asimment	-, COMPANIER G	
Project Name/Numbe		- Exterior				
Please Provide Resu				S. State Samples Tak		
3 Hour 6	Hour 724 Hour		Options* – Please Chee	ck 16 Hour I∏1 Wee	k 2 Week	
	6 hr, please call ahead to so	chedule.*There is a premiu	Im charge for 3 Hour TEM AH	ERA or EPA Level II TAT	You will be asked to sign	
an authonization to PCM - Air	n <u>ui ioruiis service.</u> Analysi		e with EMSL's Terms and Con 5hr TAT (AHERA only)	TEM-Dust	yucal Mice Guide	
NIOSH 7400				Microvac - ASTM	D 5755	
w/ OSHA 8hr. TW/	N	NIOSH 7402		Wipe - ASTM D6	1	
PLM - Bulk (reporting	limit)	EPA Level II		1	n (EPA 600/J-93/167)	
		□ ISO 10312		Soil/Rock/Vermicul	ite	
PLM EPA NOB (<1	%)	TEM - Bulk			A (0.25% sensitivity)	
Point Count			TEM EPA NOB		B (0.1% sensitivity)	
☐ 400 (<0.25%) ☐ 10 Point Count w/Gravime		NYS NOB 198.4 (non-friable-NY)		TEM CARB 435 - B (0.1% sensitivity)		
400 (<0.25%) 1 10			TEM Mass Analysis-EPA 600 sec. 2.5		TEM CARB 435 - C (0.01% sensitivity) EPA Protocol (Semi-Quantitative)	
NYS 198.1 (friable		TEM - Water: EPA		EPA Protocol (Qu	,	
NYS 198.6 NOB (r			Waste Drinking	Other:		
NIOSH 9002 (<1%		All Fiber Sizes	Waste 🗍 Drinking)	
	Check For	Positive Stop - Cle	arly Identify Homoge	enous Group		
Samplers Name: /	Anthony Mon	k	Samplers Signature:	Pritte to	1	
Sample #	<u> </u>	Sample Description		Volume/Area (Air) HA # (Bulk)	Date/Time Sampled	
LIMP (T-1	CEILING	TILE -LV		HA#1		
				1		
LUMP CT-2 LUMP CT-3		\downarrow				
UK GRAY DM-1	DARK GAN	Y DUCT MA	ne	HA # 2		
2						
3				+	ļ]	
GRAY JM-1	GRAY DA	VET MASTI	76	MA#3		
- 4		-#				
Client Sample # (s):	NAL-A			Total V of Samples:		
Relinquished (Client)	Sinth-PM	Date:	9-15-15	Time		
Received (Lab):	M. Cow	Date:		Time	: 9:4Kaur FC	
Comments/Special In	structions:	Manna-M.	1312 NOBSAM	de by The	only T	
	ranjus c			y - y int	7	
				774	C 1697 774Z	

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Page 1 of ____ pages



EMSL Order: 411506096 CustomerID: SECS21B CustomerPO: ProjectID:

Attn:	Tony Monk Summit ELT 7349 Peppermill Pkwy Suite A	Phone: Fax: Received: Analysis Date:	(704) 965-9235 08/26/15 9:45 AM 9/9/2015
Proje	North Charleston, SC 29418	Collected:	

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

				Non-Asbestos	Asbestos	
Sample	Description	Appearance	% Fibrous % Non-Fibrous		% Non-Fibrous	% Type
C. TEX-1	- Ceiling Texture	White	1% Ce	ellulose	5% Quartz	None Detected
411506096-0001		Non-Fibrous			10% Ca Carbonate	
		Homogeneous			84% Non-fibrous (other)	
C. TEX-2	- Ceiling Texture	White	<1% Ce	ellulose	5% Quartz	None Detected
411506096-0002		Non-Fibrous			10% Ca Carbonate	
		Homogeneous			85% Non-fibrous (other)	
C. TEX-3	- Ceiling Texture	Tan/White	1% Ce	ellulose	5% Quartz	None Detected
411506096-0003		Non-Fibrous			10% Ca Carbonate	
		Homogeneous			84% Non-fibrous (other)	
C. TEX-4	- Ceiling Texture	White	<1% Ce	ellulose	10% Quartz	None Detected
411506096-0004		Non-Fibrous			10% Ca Carbonate	
		Homogeneous			80% Non-fibrous (other)	
C. TEX-5	- Ceiling Texture	White	<1% Ce	ellulose	15% Quartz	None Detected
411506096-0005		Non-Fibrous			10% Ca Carbonate	
		Homogeneous			75% Non-fibrous (other)	
RSS-1	- Roofing Roll	Gray/Black	<1% Ce	ellulose	100% Non-fibrous (other)	None Detected
411506096-0006	Seam Seal	Non-Fibrous Homogeneous				
RSS-2	- Roofing Roll	Brown/Gray	<1% Ce	ellulose	100% Non-fibrous (other)	None Detected
411506096-0007	Seam Seal	Non-Fibrous Homogeneous				

Analyst(s)

Kristie Elliott (18) Nicole Shutts (23)

Evan L. Plumber

Lee Plumley, Laboratory Manager or other approved signatory

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Initial report from 09/10/2015 09:00:59

Test Report PLM-7.28.9 Printed: 9/10/2015 9:00:59 AM



EMSL Order: CustomerID: CustomerPO: ProjectID:

411506096 SECS21B

Attn:	Tony Monk Summit ELT 7349 Peppermill Pkwy Suite A North Charleston, SC 29418	Phone: Fax: Received: Analysis Date: Collected:	(704) 965-9235 08/26/15 9:45 AM 9/9/2015
Proied	ct: Waccamaw Elementary - Exterior		

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

			<u>Non-Asl</u>	<u>bestos</u>	Asbestos	
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type	
F.SEAL-1	- Flashing Seal	Brown/Black		100% Non-fibrous (other)	None Detected	
411506096-0008		Non-Fibrous Homogeneous				
F.SEAL-2	- Flashing Seal	Brown/Gray	<1% Cellulose	100% Non-fibrous (other)	None Detected	
411506096-0009		Non-Fibrous Homogeneous				
EXT. WC-1	Exterior - Window	Black		100% Non-fibrous (other)	None Detected	
411506096-0010	Caulk	Non-Fibrous Homogeneous				
EXT. WC-2	Exterior - Window	Black		100% Non-fibrous (other)	None Detected	
411506096-0011	Caulk	Non-Fibrous Homogeneous				
CPC-1	- Concrete Panel	Brown/Black	<1% Cellulose	100% Non-fibrous (other)	None Detected	
411506096-0012	Caulk	Non-Fibrous Homogeneous				
CPC-2	- Concrete Panel	Brown/Black		100% Non-fibrous (other)	None Detected	
411506096-0013	Caulk	Non-Fibrous Homogeneous				
B&M-1-Brick	- Brick and Mortar	Brown/Tan		5% Quartz	None Detected	
411506096-0014		Non-Fibrous Heterogeneous		95% Non-fibrous (other)		
B&M-1-Mortar	- Brick and Mortar	Gray	<1% Cellulose	15% Quartz	None Detected	
411506096-0014A		Non-Fibrous		5% Ca Carbonate		
		Heterogeneous		80% Non-fibrous (other)		

Analyst(s)

Kristie Elliott (18) Nicole Shutts (23)

Evan L. Phumler

Lee Plumley, Laboratory Manager or other approved signatory

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Initial report from 09/10/2015 09:00:59



EMSL Order: CustomerID: SECS21B CustomerPO: ProjectID:

411506096

Attn:	Tony Monk	Phone:	(704) 965-9235				
	Summit ELT 7349 Peppermill Pkwy	Fax:					
		Received:	08/26/15 9:45 AM				
		Analysis Date:	9/9/2015				
	Suite A North Charleston, SC 29418	Collected:					
Project Wascamaw Elementary - Exterior							

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

			Non-Asbestos				Asbestos	
Sample	Description	Appearance	%	Fibrous	% Nor	n-Fibrous	% Type	
B&M-2-Brick	- Brick and Mortar	Brown			5%	Quartz	None Detected	
411506096-0015		Non-Fibrous Heterogeneous			95%	Non-fibrous (other)		
B&M-2-Mortar	- Brick and Mortar	Gray	<1%	Cellulose	15%	Quartz	None Detected	
411506096-0015A		Non-Fibrous			5%	Ca Carbonate		
		Heterogeneous			80%	Non-fibrous (other)		
B&M-3-Brick	- Brick and Mortar	Brown			5%	Quartz	None Detected	
411506096-0016		Non-Fibrous Homogeneous			95%	Non-fibrous (other)		
B&M-3-Mortar	- Brick and Mortar	Gray	<1%	Cellulose	15%	Quartz	None Detected	
411506096-0016A		Non-Fibrous			5%	Ca Carbonate		
		Homogeneous			80%	Non-fibrous (other)		
ROOF-1-Synthetic	- Roofing	White/Black	10%	Synthetic	88%	Non-fibrous (other)	None Detected	
Layer		Fibrous	2%	Cellulose				
411506096-0017		Heterogeneous						
ROOF-1-Glass	- Roofing	Black	20%	Glass	80%	Non-fibrous (other)	None Detected	
Layer		Fibrous						
411506096-0017A		Heterogeneous						
ROOF-2-Synthetic	- Roofing	White/Black	10%	Synthetic	88%	Non-fibrous (other)	None Detected	
Layer		Fibrous	2%	Cellulose				
411506096-0018		Heterogeneous						

Analyst(s)

Kristie Elliott (18) Nicole Shutts (23)

Evan L. Plumber

Lee Plumley, Laboratory Manager or other approved signatory

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Initial report from 09/10/2015 09:00:59



EMSL Order: CustomerID: CustomerPO: ProjectID:

411506096 SECS21B

Attn:	Tony Monk	Phone:	(704) 965-9235
	Summit ELT	Fax:	
	7349 Peppermill Pkwy	Received:	08/26/15 9:45 AM
	Suite A	Analysis Date:	9/9/2015
	North Charleston, SC 29418	Collected:	
Proiec	·		

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

			Non-A	sbestos	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
ROOF-2-Glass Layer 411506096-0018A	- Roofing	Black Fibrous	25% Glass <1% Cellulose	75% Non-fibrous (other)	None Detected
411506096-0018A		Heterogeneous			
ROOF-3-Synthetic Layer	- Roofing	Black Fibrous	15% Synthetic 2% Cellulose	83% Non-fibrous (other)	None Detected
411506096-0019		Heterogeneous			
ROOF-3-Glass Layer	- Roofing	Black Fibrous	25% Glass	75% Non-fibrous (other)	None Detected
411506096-0019A		Heterogeneous			
ROOF-4-Synthetic Layer	- Roofing	White/Black Fibrous	10% Synthetic 2% Cellulose	88% Non-fibrous (other)	None Detected
411506096-0020		Heterogeneous			
ROOF-4-Tar	- Roofing	Black	3% Cellulose	97% Non-fibrous (other)	None Detected
411506096-0020A		Non-Fibrous Homogeneous			
ROOF-4-Glass	- Roofing	Black	15% Glass	80% Non-fibrous (other)	None Detected
Layer 411506096-0020B		Fibrous Heterogeneous	5% Cellulose		
ROOF-4-Insulation	- Roofing	Yellow		100% Non-fibrous (other)	None Detected
411506096-0020C		Non-Fibrous Homogeneous			
ROOF-5-Tar	- Roofing	Black	5% Cellulose	95% Non-fibrous (other)	None Detected
411506096-0021		Fibrous Heterogeneous			

Analyst(s)

Kristie Elliott (18) Nicole Shutts (23)

Evan L. Phumler

Lee Plumley, Laboratory Manager or other approved signatory

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Initial report from 09/10/2015 09:00:59

Test Report PLM-7.28.9 Printed: 9/10/2015 9:00:59 AM



EMSL Order: CustomerID: CustomerPO: ProjectID:

411506096 SECS21B

Attn:	Tony Monk	Phone:	(704) 965-9235
	Summit ELT	Fax:	
	7349 Peppermill Pkwy	Received:	08/26/15 9:45 AM
	Suite A	Analysis Date:	9/9/2015
	North Charleston, SC 29418	Collected:	
	, ,		
Proiec	ct: Waccamaw Elementary - Exterior		

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

			<u>Non</u>	-Asbestos	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
ROOF-5-Glass	- Roofing	Black	25% Glass	73% Non-fibrous (other)	None Detected
Layer		Fibrous	2% Cellulose		
411506096-0021A		Heterogeneous			
ROOF-6-Tar	- Roofing	Black	5% Cellulose	95% Non-fibrous (other)	None Detected
411506096-0022		Fibrous Homogeneous			
ROOF-6-Glass	- Roofing	Black	15% Glass	84% Non-fibrous (other)	None Detected
Layer		Fibrous	1% Cellulose		
411506096-0022A		Homogeneous			
ROOF-6-White	- Roofing	White		100% Non-fibrous (other)	None Detected
Caulking		Non-Fibrous			
411506096-0022B		Homogeneous			
ROOF-6-Insulation	n - Roofing	Brown	90% Cellulose	8% Perlite	None Detected
411506096-0022C		Fibrous Homogeneous		2% Non-fibrous (other)	
ROOF-7-Synthetic	- Roofing	Gray/Black	8% Synthetic	90% Non-fibrous (other)	None Detected
Layer		Fibrous	2% Cellulose		
411506096-0023		Homogeneous			
ROOF-7-Glass	- Roofing	Black	5% Glass	95% Non-fibrous (other)	None Detected
Layer		Fibrous	<1% Cellulose		
411506096-0023A		Homogeneous			
ROOF-7-Insulation	- Roofing	Gray/W hite	50% Glass	50% Non-fibrous (other)	None Detected
411506096-0023B		Fibrous Homogeneous			

Analyst(s)

Kristie Elliott (18) Nicole Shutts (23)

Evan L. Phumler

Lee Plumley, Laboratory Manager or other approved signatory

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Initial report from 09/10/2015 09:00:59



EMSL Order: CustomerID: CustomerPO: ProjectID:

411506096 SECS21B

Attn:	Tony Monk	Phone:	(704) 965-9235
l	Summit ELT	Fax:	
	7349 Peppermill Pkwy	Received:	08/26/15 9:45 AM
	Suite A	Analysis Date:	9/9/2015
North Charleston, SC 29418		Collected:	
Proiec	ct Waccamaw Elementary - Exterior		

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

			<u>Non-Asl</u>	<u>bestos</u>	Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
ROOF-8-Synthetic Layer 411506096-0024	- Roofing	Gray/Black Fibrous Homogeneous	8% Synthetic 2% Cellulose	90% Non-fibrous (other)	None Detected
ROOF-8-Glass Layer 411506096-0024A	- Roofing	Black Fibrous Homogeneous	10% Glass <1% Cellulose	90% Non-fibrous (other)	None Detected
ROOF-8-Insulation 411506096-0024B	- Roofing	Gray Fibrous Homogeneous	20% Glass	80% Non-fibrous (other)	None Detected

Analyst(s)

Kristie Elliott (18) Nicole Shutts (23)

Evan L. Phumber

Lee Plumley, Laboratory Manager or other approved signatory

6

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Initial report from 09/10/2015 09:00:59



Project: Waccamaw Elementary - Exterior

EMSL Order: 4115 CustomerID: SECS CustomerPO: ProjectID:

411506096 SECS21B

Attn: Tony Monk Summit ELT 7349 Peppermill Pkwy Suite A North Charleston, SC 29418

 Phone:
 (704) 965-9235

 Fax:
 Received:
 08/26/15 9:45 AM

 Analysis Date:
 9/14/2015
 Collected:

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
RSS-3 411506096-0025		Gray/Black Non-Fibrous Homogeneous	100	None	No Asbestos Detected
F.SEAL-3 411506096-0026		Brown/Black Non-Fibrous Homogeneous	100	None	No Asbestos Detected
EXT. WC-3 411506096-0027		Gray Non-Fibrous Homogeneous	100	None	No Asbestos Detected
CPC-3 411506096-0028		Brown/Black Non-Fibrous Homogeneous	100	None	No Asbestos Detected
ROOF-1-Synthetic Layer 411506096-0029		White/Black Fibrous Heterogeneous	100	None	No Asbestos Detected
ROOF-1-Glass Lay 411506096-0030 CaS fiber	ver rs present.	Black Fibrous Heterogeneous	99.9	0.10 Fibrous (other)	No Asbestos Detected
ROOF-6-White Caulking 411506096-0031		Gray/White Non-Fibrous Homogeneous	100	None	No Asbestos Detected
ROOF-9-Tar 411506096-0032 MgAlSi fil	bers present.	Black Non-Fibrous Homogeneous	98.9	1.1 Fibrous (other)	No Asbestos Detected

Analyst(s)

Stephen Bennett (10)

Evan L Plumley

Lee Plumley, Laboratory Manager or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Samples analyzed by EMSL Analytical, Inc. Kernersville, NC

Initial report from 09/14/2015 15:56:21



EMSL Order: CustomerID: CustomerPO: ProjectID:

411506096 SECS21B

Attn:	Tony Monk	Phone:	(704) 965-9235
5	Summit ELT	Fax:	
	7349 Peppermill Pkwy	Received:	08/26/15 9:45 AM
	Suite A	Analysis Date:	9/14/2015
	North Charleston, SC 29418	Collected:	
Project:	Waccamaw Elementary - Exterior		

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
ROOF-9-Cellulose	9	Black	97.9	2.1 Fibrous (other)	No Asbestos Detected
Layer		Fibrous			
411506096-0033		Heterogeneous			
CaS and	d MgAlSi fibers present.	5			
ROOF-9-Felt		Black	99.5	0.55 Fibrous (other)	No Asbestos Detected
411506096-0034		Fibrous			
		Heterogeneous			
CaS and	d MgAISi fibers present.				

Analyst(s)

Stephen Bennett (10)

Evan L. Plumler

Lee Plumley, Laboratory Manager or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Samples analyzed by EMSL Analytical, Inc. Kernersville, NC

Initial report from 09/14/2015 15:56:21



Asbestos Bulk Building Material **Chain of Custody**

.... CTS .TI EMSL Order Number (Lab Use Only):

376 Crompton Street

Charlotte, NC 28273 PHONE: (704) 525-2205 FAX: (704) 525 2382

411506096

Company :	Summi	t ELT		6		Same Different e instructions in Comments**
		ermill Pkwy Suit	e A	Third Part	ty Billing requires wi	ritten authorization from third party
City: North	Charles	st <mark>o</mark> n	State/Province: SC	Zip/Postal Cod		Country: United States
Report To	(Name):	Anthony Monk		Telephone #: 7049659235		
		Provide a second a se	companies.com	Fax #:		Purchase Order:
Project Na	me/Num	ber: Naccama	in Elementary - Exter	Please Provide	e Results: F	ax 🖌 Email Mail
U.S. State	Samples	Taken: SC	/	CT Samples:	Commercial/T	axable 🔲 Residential/Tax Exempt
3 Hour	10	6 Hour	Turnaround Time (1 24 Hour 48 Hou		ease Check	r 1 Week 2 Week
*For TEM Air	3 hr throu	gh 6 hr, please call a	ahead to schedule.*There is a p	premium charge for 3 H	our TEM AHERA or L	EPA Level II TAT. You will be asked to sign
an au	an authorization form for this service. Analysis completed in accord PLM - Bulk (reporting limit)			rdance with EMSL's Ter		ocated in the Analytical Price Guide. – Bůlk
PLMEP	PLM EPA 600/R-93/116 (<1%)			THEM EPA NO		3/116 Section 2.5.5.1
the second second second second second	PLM EPA NOB (<1%)			NY ELAP Met	and the second s	
and the second second second second second second	Point Count 400 (<0.25%) 1000 (<0.1%)			Chatfield Proto		ative)
set of the set of the set of the set of the set	Point Count w/Gravimetric 400 (<0.25%) 1000 (<0.1%)			a service and the service of the service in the service of the ser	and the second se	03/116 Section 2.5.5.2
ten i alter peri entre la sete de	□ NIOSH 9002 (<1%)			TEM Qualitativ		the second s
and the second sec	the second s	d 198.1 (friable in	NY)	TEM Qualitativ	e via Drop Mount	Prep Technique
NY ELA	AP Metho	d 198.6 NOB (no	n-friable-NY)		<u>O</u>	ther
	D-191 M					
Standar	rd Additio	on Method				
Check F	or Posi	tive Stop – Clear	ly Identify Homogenous	Group Date Sa	mpled:	
Samplers I	Name:	Anthony	Monk	Samplers Si	ignature:	Shall
			a second second second second		T de	
Sample #	HA #		Sample Location			Material Description
C.TEX-1	1				Ceil	ingJexture
2						13
3		A CONTRACTOR			and the part	
4						
4						
	2				Roopin	g Roll Seam Seal
5	× 2 -				Roopin	gRoll Seam Seal
5 RSS-1	TN A				Roopin	gRoll Seam Seal
5 R55-1 2	N + N					1
5 R55-1 2 3	T					gRoll Seam Seal L hing Seal
5 RSS-1 2 3 F.SEAL-1	131				Flas	1
5 RSS-1 2 3 FSEAL-1 2	→ 3 → 1 ple # (s)	1744	- PA Da	ite: 8-25-1	Flas Total #	hing Seal
5 RSS-1 2 3 FSEAL-1 2 Client Sam Relinquish Received (J J ple # (s) ed (Clien Lab):	nt): The Ne	PL Da	te: 8/26/15	Flas Total #	tof Samples: 29 Time: 10:15 Time: 9:45An Flx
5 RSS-1 2 3 F.SEAL-1 2 Client Sam Relinquish Received (Comments BillTo: Summit	J J ple # (s) ed (Clien Lab): /Special	ht): Math Kyle N Instructions: ntre Circle, Fort Mill, Sc. 2	Da Da	te: 8/26/15 EveryRUN 3	Flas Total #	tof Samples: 29 Time: 10:15 Time: 9:45An Flx

EMSL ANALYTICAL, INC.	
EMSI	

Asbestos Bulk Building Material Chain of Custody EMSL Order Number (Lab Use Only):

376 Crompton Street

Charlotte, NC 28273 PHONE: (704) 525-2205 FAX: (704) 525 2382

411506096

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	HA #	Sample Location	Material Description
F.SEAL-3	3		Flashing Seal
EXT. WC-1	4		Exterior Window Cault
Z	1		
3	V		
CPC-1	Б		Concrete Panel Caulk
2	1		
3			
Bd-M-1	ie		Brick and Mortar
Z	1		
3	Y		
ROOF-1	7		Rooling
2			
-3			
4			
5			
6		A MARCEN COMMON	
7			
8			
9			
a share			
BillTo: Summit E	LT, 3575 Ce	al Instructions: Intre Circle, Fort Mill, SC, 29715, United States ne: 7049859235 Email: amonk@summit-companies.com Purchase Order:	

Page_ of pages



EMSL Order: 411506818 CustomerID: SECS21B CustomerPO: ProjectID:

Attn:	Tony Monk	Phone:	(704) 965-9235
	Summit ELT	Fax:	
	7349 Peppermill Pkwy	Received:	09/23/15 9:30 AM
		Analysis Date:	9/23/2015
	Suite A	Collected:	9/21/2015
	North Charleston, SC 29418		
Proje	et: Waccamaw		

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

				Non-Asbes	stos	<u>A</u>	<u>sbestos</u>
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	%	Туре
TP-1	T. Panel - T. Panel	Gray/White			5% Ca Carbonate	8%	Chrysotile
411506818-0001		Fibrous Homogeneous			87% Non-fibrous (other)		
TP-2	T. Panel - T. Panel	Gray/White			5% Ca Carbonate	10%	Chrysotile
411506818-0002		Fibrous Homogeneous			85% Non-fibrous (other)		
TP-3	T. Panel - T. Panel	Gray			10% Ca Carbonate	8%	Chrysotile
411506818-0003		Fibrous Homogeneous			82% Non-fibrous (other)		
TP-4	T. Panel - T. Panel	Beige	5%	Fibrous (other)	90% Non-fibrous (other)		None Detected
411506818-0004		Fibrous	4%	Cellulose			
		Homogeneous	1%	Glass			
WH EFS-1-White	- White Exterior	White			5% Ca Carbonate		None Detected
Layer	Finish System	Non-Fibrous			95% Non-fibrous (other)		
411506818-0005		Homogeneous					
WH EFS-1-Gray	- White Exterior	Gray			15% Quartz		None Detected
Layer	Finish System	Non-Fibrous			5% Ca Carbonate		
411506818-0005A		Homogeneous			80% Non-fibrous (other)		
WH EFS-2-White	- White Exterior	White			5% Ca Carbonate		None Detected
Layer	Finish System	Non-Fibrous			95% Non-fibrous (other)		
411506818-0006		Homogeneous					

Analyst(s)

Aaron Hartley (6) Erin Guzowski (8)

Evan L. Phumler

Lee Plumley, Laboratory Manager or other approved signatory

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Initial report from 09/24/2015 12:26:06



EMSL Order: 411506818 CustomerID: SECS21B CustomerPO: ProjectID:

Attn:	Tony Monk Summit ELT 7349 Peppermill Pkwy Suite A	Phone: Fax: Received: Analysis Date:	(704) 965-9235 09/23/15 9:30 AM 9/23/2015
	North Charleston, SC 29418	Collected:	9/21/2015
Projec	et: Waccamaw		

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

			<u>Non-A</u>	sbestos	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
WH EFS-2-Gray	- White Exterior	Gray		10% Quartz	None Detected
Layer	Finish System	Non-Fibrous		5% Ca Carbonate	
411506818-0006A		Homogeneous		85% Non-fibrous (other)	
WH EFS-3-White	- White Exterior	White		5% Ca Carbonate	None Detected
Layer	Finish System	Non-Fibrous		95% Non-fibrous (other)	
411506818-0007		Homogeneous			
WH EFS-3-Gray	- White Exterior	Gray		20% Quartz	None Detected
Layer	Finish System	Non-Fibrous		5% Ca Carbonate	
411506818-0007A		Homogeneous		75% Non-fibrous (other)	
WH EFS-4-White	- White Exterior	White		15% Ca Carbonate	None Detected
Layer	Finish System	Non-Fibrous		85% Non-fibrous (other)	
411506818-0008		Homogeneous			
WH EFS-4-Gray	- White Exterior	Gray		10% Quartz	None Detected
Layer	Finish System	Non-Fibrous		15% Ca Carbonate	
411506818-0008A		Homogeneous		75% Non-fibrous (other)	
WH EFS-5-White	- White Exterior	White		20% Ca Carbonate	None Detected
Layer	Finish System	Non-Fibrous		80% Non-fibrous (other)	
411506818-0009		Homogeneous			
WH EFS-5-Gray	- White Exterior	Gray		5% Quartz	None Detected
Layer	Finish System	Non-Fibrous		15% Ca Carbonate	
411506818-0009A		Homogeneous		80% Non-fibrous (other)	

Analyst(s)

Aaron Hartley (6) Erin Guzowski (8)

Evan L. Phumler

Lee Plumley, Laboratory Manager or other approved signatory

2

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Initial report from 09/24/2015 12:26:06



Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

411506818

EMSL Analytical, Inc. 376 Crompton Street

Charlotte, NC 28273 PHONE: (704) 525-2205 FAX: (704) 525 2382

Company : Summit ELT		EMSL-Bill to: Same Z Different If Bill to is Different note instructions in Comments**		
Street: 7349 Peppermill Pkwy Suite	A	Third Party Billing requires written authorization from third party		
City: North Charleston	State/Province: SC	Zip/Postal Code: 29418 Country: United States		
Report To (Name): Anthony Monk		Telephone #: 7049659235		
Email Address: amonk@summit-c	ompanies.com	Fax #: Purchase Order:		
Project Name/Number: Wacrame	n	Please Provide Results: Fax 🗸 Email Mail		
U.S. State Samples Taken: SC		CT Samples: Commercial/Taxable Residential/Tax Exempt		
		AT) Options* – Please Check		
*For TEM Air 3 hr through 6 hr, please call ah	24 Hour 24 Hour ead to schedule.*There is a p Analysis completed in accord	r 72 Hour 96 Hour 1 Week 2 Week premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign redance with EMSL's Terms and Conditions located in the Analytical Price Guide.		
PLM - Bulk (reporting		TEM – Bulk		
PLM EPA 600/R-93/116 (<1%)		TEM EPA NOB – EPA 600/R-93/116 Section 2.5.5.1		
PLM EPA NOB (<1%)		NY ELAP Method 198.4 (TEM)		
Point Count 400 (<0.25%) 1000	(<0.1%)	Chatfield Protocol (semi-guantitative)		
Point Count w/Gravimetric 400 (<0.		TEM % by Mass – EPA 600/R-93/116 Section 2.5.5.2		
□ NIOSH 9002 (<1%)	,,	TEM Qualitative via Filtration Prep Technique		
NY ELAP Method 198.1 (friable in	NY)	TEM Qualitative via Drop Mount Prep Technique		
NY ELAP Method 198.6 NOB (non		Other		
OSHA ID-191 Modified				
Standard Addition Method				
Check For Positive Stop – Clearly	/ Identify Homogenous	Group Date Sampled: 9-21-15		
Samplers Name: Anthony M	lank	Samplers Signature:		
Sample # HA #	Sample Location	Material Description		
TP-1 1 T. PANI	SL	T. PANEL		
TPZ				
TP-3				
TP-4 + +		t		
WHERS-1 LITTE EX	TERIOR FINISH	SYSTEM "		
12	1			
3				
4				
45	T	+		
Client Sample # (s):		Total # of Samples:		
Relinquished (Client):	Dat Dat			
Received (Lab): Kyk Nbon	Dat			
Comments/Special Instructions: BillTo: Summit ELT, 3575 Centre Circle, Fort Mill, SC, 29 Attention: Anthony Monk Phone: 7049659235 Email: amo		7745 6300 1407		
	Page 1 of	pages		



North Charleston, SC 29418

Project: Waccamaw - Portables

Attn:

EMSL Analytical, Inc. 376 Crompton Street, Charlotte, NC 28273 Phone/Fax: (704) 525-2205 / (704) 525-2382 http://www.EMSL.com charlottelab@emsl.com EMSL Order: 411506098 CustomerID: SECS21B CustomerPO: ProjectID:

•)
Tony Monk	Phone:	(704) 965-9235	
Summit ELT	Fax:		
7349 Peppermill Pkwy	Received:	08/26/15 9:45 AM	
	Analysis Date:	9/9/2015	
Suite A			

Collected:

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

			<u>Non-Ast</u>	pestos	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
LT GRAY MOT FT 1-Floor Tile	 - Light Gray Mottled Floor Tile 	Gray/W hite Non-Fibrous		30% Ca Carbonate 70% Non-fibrous (other)	None Detected
411506098-0001		Homogeneous			
LT GRAY MOT FT 1-Mastic	Light Gray Mottled Floor Tile	Yellow Non-Fibrous	<1% Cellulose	100% Non-fibrous (other)	None Detected
411506098-0001A		Homogeneous			
LT GRAY MOT FT	3	Gray/White		30% Ca Carbonate	None Detected
2-Floor Tile	Mottled Floor Tile	Non-Fibrous		70% Non-fibrous (other)	
411506098-0002		Homogeneous			
LT GRAY MOT FT 2-Mastic	 - Light Gray Mottled Floor Tile 	Tan Non-Fibrous	<1% Cellulose	100% Non-fibrous (other)	None Detected
411506098-0002A		Homogeneous			
GRAY MOT FT-1-	- Gray Mottled	Gray/Beige		30% Ca Carbonate	None Detected
Floor Tile	Floor Tile	Non-Fibrous		70% Non-fibrous (other)	
411506098-0003		Homogeneous			
GRAY MOT FT-1- Mastic	- Gray Mottled Floor Tile	Tan Non-Fibrous	<1% Cellulose	100% Non-fibrous (other)	None Detected
411506098-0003A		Homogeneous			
GRAY MOT FT-2-	- Gray Mottled	Gray/Beige		30% Ca Carbonate	None Detected
Floor Tile	Floor Tile	Non-Fibrous		70% Non-fibrous (other)	
411506098-0004		Homogeneous			

Analyst(s)

Kristie Elliott (6) Nicole Shutts (6)

Evan L. Plumber

Lee Plumley, Laboratory Manager or other approved signatory

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Initial report from 09/10/2015 08:27:19

Test Report PLM-7.28.9 Printed: 9/10/2015 8:27:19 AM



EMSL Order: CustomerID: CustomerPO: ProjectID:

411506098 SECS21B

Attn:	Tony Monk	Phone: Fax:	(704) 965-9235
	Summit ELT 7349 Peppermill Pkwy Suite A North Charleston, SC 29418	Received: Analysis Date: Collected:	08/26/15 9:45 AM 9/9/2015
Projec	ct: Waccamaw - Portables		

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

				<u>Non-Asl</u>	<u>pestos</u>	Asbestos
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
GRAY MOT FT-2- Mastic	- Gray Mottled Floor Tile	Tan Non-Fibrous	<1%	Cellulose	100% Non-fibrous (other)	None Detected
411506098-0004A		Homogeneous				
ROOF-1	- Roofing	Black/Orange	8%	Glass	5% Quartz	None Detected
411506098-0005		Fibrous			10% Ca Carbonate	
		Heterogeneous			77% Non-fibrous (other)	
ROOF-2	- Roofing	Black/Orange	8%	Glass	5% Quartz	None Detected
411506098-0006		Fibrous			10% Ca Carbonate	
		Homogeneous			77% Non-fibrous (other)	
PATCH ROOF-1	- Patched Roofing	Brown/Black/Orang	8%	Glass	5% Quartz	None Detected
		e 			10% Ca Carbonate	
411506098-0007		Fibrous Heterogeneous			77% Non-fibrous (other)	
PATCH ROOF-2	- Patched Roofing	0	8%	Glass	5% Quartz	None Detected
		e			10% Ca Carbonate	
411506098-0008		Fibrous Homogeneous			77% Non-fibrous (other)	

Analyst(s)

Kristie Elliott (6) Nicole Shutts (6)

Evan L. Plumber

Lee Plumley, Laboratory Manager or other approved signatory

2

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Initial report from 09/10/2015 08:27:19



EMSL Order: 4115 CustomerID: SEC CustomerPO: ProjectID:

411506098 SECS21B

 Attn:
 Tony Monk
 Phone:
 (704) 965-9235

 Summit ELT
 Fax:
 Received:
 08/26/15 9:45 AM

 7349 Peppermill Pkwy
 Received:
 08/26/15 9:45 AM

 Suite A
 Only Source
 9/14/2015

 North Charleston, SC 29418
 Collected:
 Collected:

Project: Waccamaw - Portables

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
LT GRAY MOT FT-3- Floor Tile 411506098-0009	- Light Gray Mottled Floor Tile	Gray/White Non-Fibrous	100	None	No Asbestos Detected
		Homogeneous			
LT GRAY MOT FT-3- Mastic 411506098-0010	- Light Gray Mottled Floor Tile	Tan Non-Fibrous	100	None	No Asbestos Detected
		Homogeneous			
GRAY MOT FT-3- Floor Tile 411506098-0011	- Gray Mottled Floor Tile	Gray/Beige Non-Fibrous	100	None	No Asbestos Detected
411000000 0011		Homogeneous			
GRAY MOT FT-3- Mastic 411506098-0012	- Gray Mottled Floor Tile	Tan Non-Fibrous	100	None	No Asbestos Detected
		Homogeneous			
ROOF-3 411506098-0013	- Roofing	Brown/Black/Orange Fibrous Heterogeneous	100	None	No Asbestos Detected
PATCH ROOF-3 411506098-0014	- Patched Roofing	Brown/Gray/Black Fibrous Heterogeneous	100	None	No Asbestos Detected

Analyst(s)

Stephen Bennett (6)

Evan L Plumber

Lee Plumley, Laboratory Manager or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Samples analyzed by EMSL Analytical, Inc. Kernersville, NC

Initial report from 09/14/2015 15:58:23



Lt

Asbestos Bulk Building Material Chain of Custody EMSL Order Number (Lab Use Only):

376 Crompton Street

Charlotte, NC 28273 PHONE: (704) 525-2205 FAX: (704) 525 2382

411506098

and a first in the second state of the second				EMSL-Bill to:	Same Different	
Company : Sum	mit ELT				instructions in Comments**	
	ppermill Pkwy Sui	te A	Third Party	/ Billing requires wr	itten authorization from third party	
City: North Cha	rleston	State/Province: SC	Zip/Postal Code		Country: United States	
Report To (Nam	e): Anthony Monk		Telephone #: 7049659235			
Email Address:	amonk@summit-	companies.com	Fax #:		Purchase Order:	
Project Name/N	umber: Waccam	an - Portables				
U.S. State Samp			CT Samples: Commercial/Taxable Residential/Tax Exempt			
		Turnaround Time (1				
3 Hour	6 Hour	24 Hour 48 Hou		96 Hour		
an authorize	ation form for this service	ahead to schedule." There is a p e. Analysis completed in accor	dance with EMSL's Terr	our TEM AHERA or E ms and Conditions lo	PA Level II TAT. You will be asked to sig cated in the Analytical Price Guide.	
	PLM - Bulk (reporti				– Bulk	
PLM EPA 600)/R-93/116 (<1%)		TEM EPA NOB	- EPA 600/R-93	8/116 Section 2.5.5.1	
PLM EPA NO	and a second		NY ELAP Meth	od 198.4 (TEM)		
Point Count	oint Count 🔲 400 (<0.25%) 🔲 1000 (<0.1%)			col (semi-quantita	ative)	
Point Count w/Gr	avimetric 🗌 400 (<	0.25%) 🗌 1000 (<0.1%)	TEM % by Mas	s - EPA 600/R-9	3/116 Section 2.5.5.2	
NIOSH 9002	and the second sec		TEM Qualitative	e via Filtration Pre	ep Technique	
	thod 198.1 (friable in	NY)	TEM Qualitative		a same of the section	
	thod 198.6 NOB (no				her	
OSHA ID-19			-			
Standard Add	dition Method	Contraction of the second second				
Check For P	sitive Ston - Clear	rly Identify Homogenous	Group Date San	noled:		
				A	the pla	
	A A A .					
Samplers Name	: Anthony /	Monk	Samplers Sig	gnature:	Whayford	
Sample # HA		Sample Location	Samplers Sig	U	Material Description	
Sample # HA			Samplers Sig		Material Description Gray Mottled	
Sample # HA			Samplers Sig		Gray Mottled	
Sample # HA GRAY MOT FT			Samplers Sig			
Sample # HA GRAY MOTET I Z 3. Y GRAY			Samplers Sig	Light	FrayMottled Floor Dile	
Sample # HA GRAY MOTFT I Z 3. SRAY AOTFT-1 Z			Samplers Sig		Frony Mottled Floor Dile Mottled	
Sample # HA GRAY MOTFT I Z 3. V GRAY AOTFT-1 Z Z			Samplers Sig	Light	Frony Mottled Floor Dile Mottled	
Sample # HA GRAY MOTFT I Z JRAY AOTFT-IZ Z Z Z	#		Samplers Sig	Light	Frony Mottled J Floor Dile Mottled J Floor Dile	
Sample # HA GRAY MOTFTII Z JRAY AOTFTIZ Z Z J	#		Samplers Sig	Light	Frony Mottled J Floor Dile Mottled J Floor Dile	
Sample # HA GRAY MOTFT I Z JRAY AOTFT-IZ Z Z Z	#		Samplers Sig	Light	Frony Mottled J Floor Dile Mottled J Floor Dile	
Sample # HA C7RAY MOTFT 2 3. V 5. V 5. S V S S V S S S V S S V S S V S S V S S S S V S S S S S S S S S S S S S	#		Samplers Sig	Light	Frony Mottled J Floor Dile Mottled J Floor Dile	
Sample # HA CARAY MOT FT: 1 Z 3. V ADT FT: 2 2 3. V ADT FT: 2 2 3. V ADT FT: 2 2 3. V ADT FT: 3 V ADT FT: 3 V ADT FT: 3 V ADT FT: 1 2 3. V ADT FT: 1 3. V ADT FT: 1 4. ADT FT: 1 4. A	#		Samplers Sig	Light C Gray Rool	Frony Mottled J Floor Dile Mottled J Floor Dile	
Sample # HA GRAY MOT FT- 1 2 3. V JRAY AOT FT-1 2 2 3 V RAY AOT FT-1 2 2 3 V RAY AOT FT-1 2 2 3 V RAY AOT FT-1 4 2 3 V RAY AOT FT-1 7 2 3 V RAY AOT FT-1 7 2 2 4 4 2 4 4 2 4 2 4 2 4 2 4 4 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4	#		Samplers Sig	Light C Gray Roof Patch	Frony Mottled J Floor Dile Mottled J Floor Dile V ing	
Sample # HA $\neg RAY$ $\neg Z$ 3 $\neg RAY$ $\land OT FT-I Z$ 2 3 2 3 3 2 3 3 2 3	# (s):	Sample Location	Samplers Sig	Light C Gray Roof Patch Total #	Frony Mottled Floor Dile Mottled JELOOR Dile ing Led Rooping	
Sample # HA $\Box RAY$ $\Box TFT$ Z 3 / $\Box RAY$ AOTFT-1 Z 2 3 / Z Z	# (s): (s): (ulient): (ulient):	Sample Location	te: 8-2 5 -/ te: 8/26/15	Light C Gray Rcol Patch Total #	pray Mottled Floor Dile Mottled JELOOR Dile V ing ed Rooping of Samples: 12 Time: 10:15 Time: 9:45 An Fl	
Sample # HA ARAY NOT FT: 1 2 3 V AOT FT: 2 3 V AOT FT: 2 2 3 V AOT FT: 2 2 3 V AOT FT: 2 2 3 V AOT FT: 2 2 3 V AOT FT: 4 2 3 V AOT FT: 4 2 4 AOT FT: 4 AOT FT: 4 2 4 AOT FT: 4 AOT FT: 4	# (s): (s): (s): (interpretation of the second seco	Sample Location	te: 8-25-1 te: 8/26/15 Every 3	Light C Gray Roof Patch Total #	pray Mottled Floor Dile Mottled JELOOR Dile V ing ed Rooping of Samples: 12 Time: 10:15 Time: 9:45 An Fl	

-	
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EMSL ANALYTICAL,	INC
LABORATORY . PRODUCTS . TR	AINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

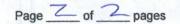
411506098

376 Crompton Street

Charlotte, NC 28273 PHONE: (704) 525-2205 FAX: (704) 525 2382

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	HA #		Sample Location	Material Description
PATCH ROOF-2	H			Patched Rooping
. 3	X			Material Description Patched Rooping
			A CONTRACTOR	
1.3	2 4			
and the set				
	<u></u>			
*Comme	ts/Spec	ial Instructions:		
BillTo: Summit ELT, 3575 Centre Circle, Fort Mill, SC, 29715. United States Attention: Anthony Monk Phone: 7049659235 Email: amonk@summit-companies.com Purchase Order:				



APPENDIX B

INSPECTOR'S LICENSES

SCDHEC ISSUED Asbestos ID Card

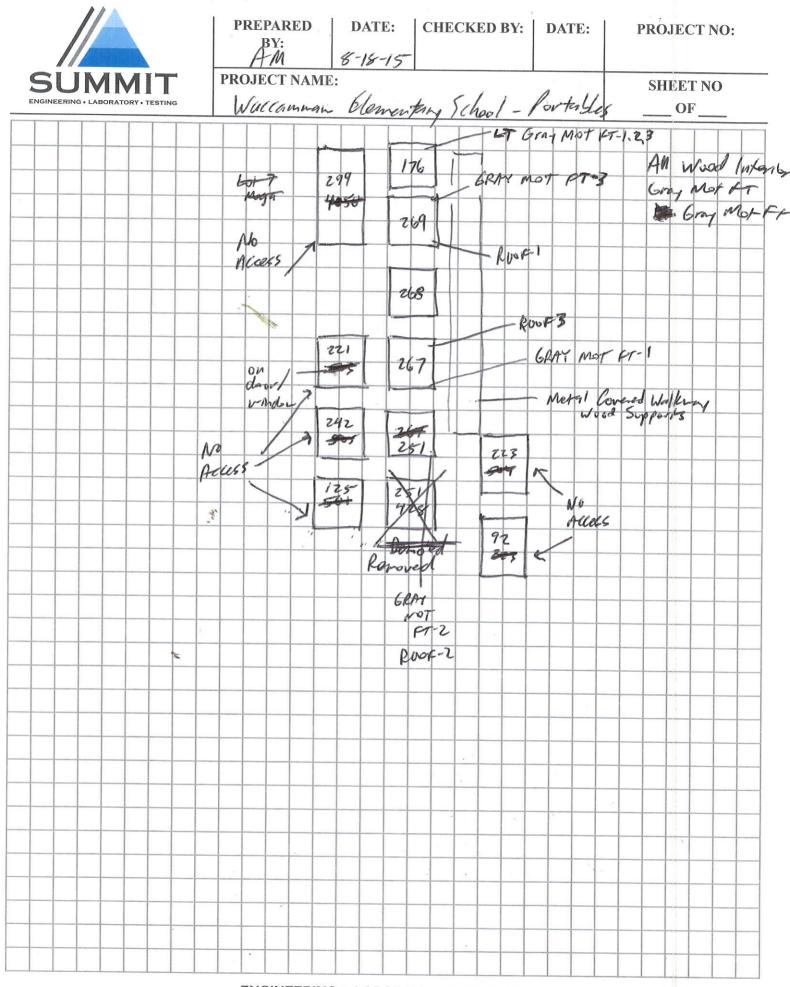
Anthony B Monk



AIRSAMPLER SUPERAHERA CONSULTBI CONSULTPD CONSULTMP Expires AS-00330 11/05/15 SA-01863 11/05/15 BI-01210 11/04/15 PD-00160 12/11/15 MP-00199 11/04/15

APPENDIX C

SUMMIT DOCUMENTATION



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