

# Asbestos Inspection Report

406 Roughfork Street  
Florence, South Carolina

Prepared for: City of Florence

324 W. Evans Street

Florence, SC 29501

Annie Brown [ahbrown@cityofflorence.com](mailto:ahbrown@cityofflorence.com)

Prepared by: Enga Hair, AHERA Building Inspector License #BI-01591 

Date of Inspection: October 19, 2025

Date of Report: October 27, 2025

Project Number: 25-770

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## ECH CONSULTANTS

1823 Trade Street  
Florence, SC  
803.807.6488

October 27, 2025

Dr. Annie Brown, Ph.D  
City of Florence  
324 W. Evans Street  
Florence, SC 29501

RE: 406 Roughfork Street  
Florence, SC

Dear Dr. Brown,

We are pleased submit the enclosed limited Asbestos Inspection Report for the above captioned project. The inspection was conducted on October 19, 2025, in conformance with the South Carolina Department Environmental Services (SCDES) Standards of Performance for Asbestos Projects, Regulation 61-86.1 and the Environmental Protection Agency (EPA) minimum sampling requirements.

If you have any questions or need any additional information please do not hesitate to call me at 803.807.6488 or email me at [enga@echconsultants.com](mailto:enga@echconsultants.com).

Respectfully,

  
Enga Hair, CIH, PE

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## EXECUTIVE SUMMARY

The purpose of this investigation was to conduct a visual inspection, sample and analyze suspect asbestos containing materials (ACM) which may be disturbed during the future **demolition**, to determine if any occupational exposures and/or environmental releases of airborne asbestos may occur.

The suspect materials were those identified in the United States Environmental Protection Agency (EPA) manual, Guidance for Controlling Asbestos. The identification of ACM meet compliance standards established the EPA under regulation 40 CFR, Part 61, National Emission Standards for Hazardous Air Pollutants, Asbestos NESHAP Revision, Final Rule. Additional suspect ACMs may be present in locations that are inaccessible. If discovered, these suspect materials should be sampled and tested. A material that is of similar color, texture, age and size throughout the building to a material that has been identified as asbestos containing should be assumed to contain asbestos.

The survey was conducted by licensed inspector Enga Hair - #01591 on October 19, 2025. Bulk samples were recorded on a Chain of Custody and submitted to a Polarized Light Microscopy (PLM) laboratory. Eurofins|CEI Labs, Inc., located in Cary, North Carolina, is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) for satisfactory compliance with criteria established in Title 15, part 7, Code of Regulations, by the National Institute of Standards and Technology (NIST). The laboratory analysis reports the specific type of asbestos identified (there are six (6) types of asbestos minerals) and the percentage of asbestos present.

The EPA defines materials as asbestos containing IF an asbestos content of greater than 1% is detected in a representative sample. The sampling strategy utilized throughout the survey complies with the instructions specified in the EPA Regulation 40 CFR, Part 763.

ECH Consultants appreciates the opportunity to provide this limited asbestos inspection report for use by City of Florence and their assigns.

## BACKGROUND

The structure located at 406 Roughfork Street, Florence, South Carolina, is scheduled for a future demolition. The facility has the following characteristics:

- Single story brick and wooden structure partially burned
  - Approximately 1,300 Square Feet
  - Approximately 1,300 Square Feet of Shingles
  - Wood ceilings and floors
  - Approximately 2,800 Square Feet of plaster on walls
- Approximately 100 Square Feet of VFC#1 under carpet in bedroom
  - Approximately 50 Square Feet of VFC#2 in bathroom
  - Approximately 100 Square Feet of VFC#1 in kitchen
- Wooden windows with Approximately 120 LF of window glaze

## ASBESTOS FINDINGS

The following Table details the twenty-two (20) Bulk Samples taken

Sample #	Description	Classification	Condition	Potential for Disturbance
1	Plaster	None Detected	Damaged	Low
2	Plaster	None Detected	Damaged	Low
3	Plaster	None Detected	Damaged	Low
4	Plaster	None Detected	Damaged	Low
5	Plaster	None Detected	Damaged	Low
6	Blue Sheet Vinyl	None Detected	Good	Low
7	Blue Sheet Vinyl	None Detected	Good	Low
8	Blue Sheet Vinyl	None Detected	Good	Low
9	Grey Cream Sheet Vinyl	None Detected	Good	Low
10	Grey Cream Sheet Vinyl	None Detected	Good	Low
11	Grey Cream Sheet Vinyl	None Detected	Good	Low
12	Blue Cream Black Sheet Vinyl	None Detected	Good	Low
13	Blue Cream Black Sheet Vinyl	None Detected	Good	Low
14	Blue Cream Black Sheet Vinyl	None Detected	Good	Low
15	Glazing	None Detected	Good	Low
16	Glazing	None Detected	Good	Low
17	Glazing	None Detected	Good	Low

<b>Sample #</b>	<b>Description</b>	<b>Classification</b>	<b>Condition</b>	<b>Potential for Disturbance</b>
18	Shingle	None Detected	Good	Low
19	Shingle	None Detected	Good	Low
20	Shingle	None Detected	Good	Low

**Please refer to the enclosed Asbestos Analysis for additional information**

## ASBESTOS CONCLUSIONS

The following represents areas that are POSITIVE for Asbestos:

Non-Friable: N/A

Friable: N/A

\*No Asbestos Containing Materials identified in this inspection



## PHOTOGRAPHS



PHOTOGRAPH 1



PHOTOGRAPH 2



PHOTOGRAPH 3



PHOTOGRAPH 4

# ASBESTOS BULK SAMPLE ANALYSIS

October 23, 2025

Enga Hair  
ECH Consultants  
1823 Trade Street  
Florence, SC 29501

**CLIENT PROJECT:** 406 Roughfork St  
**LAB CODE:** 699695-1

Dear Enga,

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on October 22, 2025. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials and EPA 40 CFR Appendix E to Subpart E of Part 763: Interim Method of the Determination of Asbestos in Bulk Insulation Samples.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% by calibrated visual estimate.

Thank you for your business and we look forward to continuing good relations.

Kind Regards,



Kamila Reichert,  
Laboratory Director

NVLAP 101768-0

**ASBESTOS ANALYTICAL REPORT**  
**By: Polarized Light Microscopy**

Prepared for

**ECH Consultants**

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CLIENT PROJECT:	406 Roughfork St
LAB CODE:	699695-1
TEST METHOD:	EPA 600 / R93 / 116 and EPA 40 CFR Appendix E to Subpart E of Part 763
REPORT DATE:	10/23/25
TOTAL SAMPLES ANALYZED:	15
# SAMPLES >1% ASBESTOS:	0
TOTAL LAYERS ANALYZED:	15

**Project:** 406 Roughfork St

**Lab Code:** 699695-1

**Method:** EPA 600 / R93 / 116 and EPA 40 CFR Appendix E to Subpart E of Part 763

Client ID	Lab ID	Layer	Sample Description	Asbestos %
1	3822686		Light-gray plaster	None Detected
2	3822687		Light-gray plaster	None Detected
3	3822688		Light-gray plaster	None Detected
4	3822689		Light-gray plaster	None Detected
5	3822690		Light-gray plaster	None Detected
6	3822691		Blue/cream/black sheet vinyl	None Detected
7	3822692		Blue/cream/black sheet vinyl	None Detected
8	3822693		Sample Submitted for TEM Analysis	
9	3822694		Gray/cream sheet vinyl	None Detected
10	3822695		Gray/cream sheet vinyl	None Detected
11	3822696		Sample Submitted for TEM Analysis	
12	3822697		Blue/cream/black sheet vinyl	None Detected
13	3822698		Blue/cream/black sheet vinyl	None Detected
14	3822699		Sample Submitted for TEM Analysis	
15	3822700		Off-white/white glazing	None Detected
16	3822701		Off-white/white glazing	None Detected
17	3822702		Sample Submitted for TEM Analysis	
18	3822703		Black/gray shingle	None Detected
19	3822704		Black/gray shingle	None Detected
20	3822705		Sample Submitted for TEM Analysis	

# ASBESTOS BULK ANALYSIS

By: Polarized Light Microscopy

**Client:** ECH Consultants  
1823 Trade Street  
Florence, SC 29501

**Lab Code:** 699695-1  
**Date Received:** 10/22/25  
**Date Analyzed:** 10/23/25  
**Date Reported:** 10/23/25

**Project:** 406 Roughfork St

**Method:** ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibrous		Non-Fibrous		%
1	Plaster	Heterogeneous	2%	Hair	63%	Binder	None Detected
3822686		Light-gray Non-Fibrous Bound			35%	Silica	
2	Plaster	Heterogeneous	2%	Hair	63%	Binder	None Detected
3822687		Light-gray Non-Fibrous Bound			35%	Silica	
3	Plaster	Heterogeneous	2%	Hair	63%	Binder	None Detected
3822688		Light-gray Non-Fibrous Bound			35%	Silica	
4	Plaster	Heterogeneous	2%	Hair	63%	Binder	None Detected
3822689		Light-gray Non-Fibrous Bound			35%	Silica	
5	Plaster	Heterogeneous	2%	Hair	63%	Binder	None Detected
3822690		Light-gray Non-Fibrous Bound			35%	Silica	
6	Sheet Vinyl	Heterogeneous	25%	Cellulose	50%	Vinyl	None Detected
3822691		Blue/cream/black	5%	Synthetics	20%	Tar	
		Fibrous Tightly Bound					
7	Sheet Vinyl	Heterogeneous	25%	Cellulose	50%	Vinyl	None Detected
3822692		Blue/cream/black	5%	Synthetics	20%	Tar	
		Fibrous Tightly Bound					
8		Sample Submitted for TEM Analysis					
3822693							

# ASBESTOS BULK ANALYSIS

By: Polarized Light Microscopy

**Client:** ECH Consultants  
1823 Trade Street  
Florence, SC 29501

**Lab Code:** 699695-1  
**Date Received:** 10/22/25  
**Date Analyzed:** 10/23/25  
**Date Reported:** 10/23/25

**Project:** 406 Roughfork St

**Method:** ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibrous		Non-Fibrous		%
9	Sheet Vinyl	Heterogeneous	35%	Cellulose	50%	Vinyl	None Detected
3822694		Gray/cream	15%	Glass			
		Fibrous					
		Tightly Bound					
10	Sheet Vinyl	Heterogeneous	35%	Cellulose	50%	Vinyl	None Detected
3822695		Gray/cream	15%	Glass			
		Fibrous					
		Tightly Bound					
11		Sample Submitted for TEM Analysis					
3822696							
12	Sheet Vinyl	Heterogeneous	25%	Cellulose	50%	Vinyl	None Detected
3822697		Blue/cream/black	5%	Synthetics	20%	Tar	
		Fibrous					
		Tightly Bound					
13	Sheet Vinyl	Heterogeneous	25%	Cellulose	50%	Vinyl	None Detected
3822698		Blue/cream/black	5%	Synthetics	20%	Tar	
		Fibrous					
		Tightly Bound					
14		Sample Submitted for TEM Analysis					
3822699							
15	Glazing	Homogeneous			100%	Binder	None Detected
3822700		Off-white/white					
		Non-Fibrous					
		Bound					
16	Glazing	Homogeneous			100%	Binder	None Detected
3822701		Off-white/white					
		Non-Fibrous					
		Bound					
17		Sample Submitted for TEM Analysis					
3822702							



# ASBESTOS BULK ANALYSIS

By: Polarized Light Microscopy

**Client:** ECH Consultants  
1823 Trade Street  
Florence, SC 29501

**Lab Code:** 699695-1  
**Date Received:** 10/22/25  
**Date Analyzed:** 10/23/25  
**Date Reported:** 10/23/25

**Project:** 406 Roughfork St

**Method:** ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibrous		Non-Fibrous		%
18 3822703	Shingle	Heterogeneous Black/gray Fibrous Bound	50%	Glass	10% 40%	Gravel Tar	None Detected
19 3822704	Shingle	Heterogeneous Black/gray Fibrous Bound	50%	Glass	10% 40%	Gravel Tar	None Detected
20 3822705		Sample Submitted for TEM Analysis					

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**LEGEND:**

Non-Anth = Non-Asbestiform Anthophyllite  
Non-Trem = Non-Asbestiform Tremolite  
Calc Carb = Calcium Carbonate

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**METHOD:** EPA 600 / R93 / 116 and EPA 40 CFR Appendix E to Subpart E of Part 763

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**REPORTING LIMIT:** 1% by calibrated visual estimation

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**REGULATORY LIMIT:** 1%

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Due to the limitations of the EPA 600 / R93 / 116 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation. Estimated measurement of uncertainty is available on request.

Eurofins Built Environment Testing East, LLC makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins Built Environment Testing East, LLC. Samples were received in acceptable condition unless otherwise noted. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

Information provided by customer includes customer sample ID and sample description.



Santiago Nicoletta  
Analyst

**DATA QA:**



Samantha Webster  
10/23/2025

**APPROVED BY:**



Kamila Reichert,  
Laboratory Director



Built Environment Testing


RES Job #: 699695

SUBMITTED BY	INVOICE TO	CONTACT INFORMATION	SERIES
Company: <b>ECH Consultants</b>	Company: <b>ECH Consultants</b>	Contact: <b>Enga Hair</b>	<b>-1 PLM Priority</b>
Address: <b>1823 Trade Street</b>	Address: <b>1823 Trade Street</b>	Phone: <b>(803) 807-6488</b>	
<b>Florence, SC 29501</b>	<b>Florence, SC 29501</b>	Fax:	
		Cell: <b>(803) 807-6488</b>	
Project Number and/or P.O. #: <b>Florence</b>	Project Zip Code:	Final Data Deliverable Email Address: <b>enga@echconsultants.com (+ 1 ADDNL. CONTACTS)</b>	
Project Description/Location: <b>406 Roughfork St</b>			

ASBESTOS LABORATORY					REQUESTED ANALYSIS										VALID MATRIX CODES						LAB NOTES	
PLM / PCM / TEM / NYS DTL RUSH PRIORITY STANDARD					PLM - PLM Short Report (EPA/600/R-93/116)	TEM	PCM	NYS	DUST	METALS	ORGANICS	VIABLES	MEDICAL	MOLD	Air = A		Bulk = B		SC			
															Dust = D		Food = F					
															Paint = P		Soil = S					
															Surface = SU		Swab = SW					
															Tape = T		Wipe = W					
															Drinking Water = DW							
															Waste Water = WW							
															**ASTM E1792 approved wipe media only**							
CHEMISTRY LABORATORY															Sample Volume (L) / Area	Sample Temperature (°C)	Length (or Aliquots) x Width (or Area) (Aliquot)	Matrix Code	# of Containers	Date Collected mm/dd/yy	Time Collected hh:mm	Laboratory Analysis Instructions
Dust RUSH PRIORITY STANDARD																						
Metals RUSH PRIORITY STANDARD *PRIOR NOTICE REQUIRED FOR SAME DAY TAT																						
Organics* SAME DAY RUSH PRIORITY STANDARD																						
MICROBIOLOGY LABORATORY																						
Viable Analysis** PRIORITY STANDARD **TAT DEPENDENT ON SPEED OF MICROBIAL GROWTH																						
Medical Device Analysis RUSH STANDARD																						
Mold Analysis RUSH PRIORITY STANDARD																						
**Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.**																						
Special Instructions: See COC																						
Client Sample ID Number (Sample ID's must be unique)					ASBESTOS	CHEMISTRY	MICROBIOLOGY	ICO														
1 1					X											B						
2 2					X											B						
3 3					X											B						
4 4					X											B						
5 5					X											B						
6 6					X											B						
7 7					X											B						
8 8					X											B						
9 9					X											B						
10 10					X											B						
11 11					X											B						
12 12					X											B						
13 13					X											B						

Eurofins Built Environment Testing East, LLC establishes a unique Lab Sample ID, for each sample, by preceding each unique Client Sample ID with the laboratory RES Job Number.


Eurofins Built Environment Testing East, LLC will analyze incoming samples based on information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing, client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET30. Failure to comply with payment terms may result in a 18% APR finance charge.

Relinquished By:	Date/Time: <b>10/22/2025 9:47:35</b>	Sample Condition: <b>Acceptable</b>
Received By: 	Date/Time: <b>10/22/2025 13:05:10</b>	Carrier: <b>Fed-Ex</b>



RES Job #: 699695

Submitted By: ECH Consultants



Built Environment Testing

RES Job #:

699695

Submitted By:

ECH Consultants

										REQUESTED ANALYSIS						VALID MATRIX CODES						LAB NOTES			
<div> <div>PLM - PLM Short Report (EPA/600/R-93/116)</div> <div> <div>TEM</div> <div>PCM</div> <div>NYS</div> <div>DUST</div> <div>METALS</div> <div>ORGANICS</div> <div>VIABLES</div> <div>MEDICAL</div> <div>MOLD</div> </div> </div>																								<div>SC</div>	



730 SE Maynard Road, Cary, NC 27511  
Tel: 866-481-1412; Fax: 919-481-1442

CEI

## CHAIN OF CUSTODY

LAB USE ONLY:

CEI Lab Code:

CEI Lab I.D. Range:

COMPANY INFORMATION		PROJECT INFORMATION	
CEI CLIENT #:		Job Contact:	Enga Blair
Company:	ECOI Consultants	Email / Tel:	enga@eciconsultants.com
Address:	1823 Trade Street	Project Name:	406 Roughfork St
	Florence, SC 29501	Project ID#:	
Email:	enga@eciconsultants.com	PO #:	Florence
Tel:	803.907.0448	Fax:	
		STATE SAMPLES COLLECTED IN:	SC

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

ASBESTOS	METHOD	TURN AROUND TIME					
		4 HR	8 HR	1 DAY	2 DAY	3 DAY	5 DAY
PLM BULK	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (400)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (1000)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAY w POINT COUNT	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM BULK	CARB 405	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCM AIR	NIOSH 7400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	EPA AHERA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	NIOSH 7402	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR (POME)	ISO 10312	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	ASTM 6285-15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM BULK	CHATFIELD	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST WIFE	ASTM D6485-05 (2012)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST MICROVAC	ASTM D6755-06 (2014)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM SOIL	ASTM D7521-10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM VERMICULITE	CINCINNATI METHOD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM QUALITATIVE	IN-HOUSE METHOD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

REMARKS / SPECIAL INSTRUCTIONS:

Stop positives; Combine samples to make weight for TEM if needed

☒ Accept Samples  
☐ Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
Enga Blair	10/21/25 9:00	CEI	10/22/25 9:47 AM

Samples will be disposed of 30 days after analysis

Page 1 of 2  
Version: CCOC.01.18.1/2 LD

3944 8/6S 4952

## SAMPLING FORM

CEI

#### COMPANY CONTACT INFORMATION

Company: ECH Consultants	Job Contact: Figa Hair
Project Name: 406 Roughfork St	
Project ID #: Florence	Tel: 903.807.6088

[illegible]

October 24, 2025

Enga Hair  
ECH Consultants  
1823 Trade Street  
Florence, SC 29501

**CLIENT PROJECT:** 406 Roughfork St  
**LAB CODE:** 699695-2

Dear Enga,

Enclosed are asbestos analysis results for TEM bulk samples received at our laboratory on October 22, 2025. The samples were analyzed for asbestos using transmission electron microscopy (TEM) per Chatfield/EPA 600/R-93/116 Sec. 2.5.5.1 method.

Sample results containing > 1% asbestos are considered asbestos-containing materials (ACMs) per the EPA regulatory requirements. The detection limit for the TEM Chatfield/EPA 600/R-93/116 Sec. 2.5.5.1 method is <1% depending on the processed weight and constituents of the sample.

Thank you for your business and we look forward to continuing good relations.

Kind Regards,



Kamila Reichert,  
Laboratory Director

NVLAP 101768-0



**ASBESTOS ANALYTICAL REPORT**  
**By: Transmission Electron Microscopy**

Prepared for

**ECH Consultants**

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CLIENT PROJECT:	406 Roughfork St
LAB CODE:	699695-2
TEST METHOD:	Bulk Chatfield EPA 600 / R93 / 116 Sec. 2.5.5.1
REPORT DATE:	10/24/25



**Client:** ECH Consultants  
1823 Trade Street  
Florence, SC 29501

**Lab Code:** 699695-2  
**Date Received:** 10/22/25  
**Date Analyzed:** 10/24/25  
**Date Reported:** 10/24/25

**Project:** 406 Roughfork St

**Method:** TEM BULK CHATFIELD / EPA 600 / R93 / 116 Sec. 2.5.5.1

Client ID Lab ID	Material Description	Sample Weight (g)	Organic Material (%)	Acid Soluble Material (%)	Acid Insoluble Material (%)	ASBESTOS %
8 3825360	Blue/cream/black sheet vinyl	0.45	80.36	18.3	1.34	None Detected
11 3825361	Gray/cream sheet vinyl	0.47	59.19	39.74	1.07	None Detected
14 3825362	Blue/cream/black sheet vinyl	0.33	75.15	15.15	9.7	None Detected
17 3825363	Off-white/white glazing	0.48	19.08	78.83	2.1	None Detected
20 3825364	Black/gray shingle	0.65	27.37	44.65	27.98	None Detected

---

**LEGEND:** None

---

**METHOD:** Bulk Chatfield EPA 600 / R93 / 116 Sec. 2.5.5.1

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**LIMIT OF DETECTION:** Varies with the weight and constituents of the sample (<1%)

---

**REGULATORY LIMIT:** 1%

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Eurofins Built Environment Testing East, LLC makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins Built Environment Testing East, LLC. Estimated measurement of uncertainty is available on request. Samples were received in acceptable condition unless otherwise noted.

Information provided by customer includes customer sample ID, location, volume and area as well as date and time of sampling. Eurofins Built Environment Testing East, LLC recommends between 0.500 and 0.200 grams of sample material. Any weight below 0.100 grams is considered below protocol guidelines.



Partima Poudel Acharya  
Analyst

**DATA QA:**

Brunilda Gjoka  
10/24/2025

**APPROVED BY:**

Kamila Reichert,  
Laboratory Director



Built Environment Testing


RES Job #: 699695

SUBMITTED BY	INVOICE TO	CONTACT INFORMATION	SERIES
Company: <b>ECH Consultants</b>	Company: <b>ECH Consultants</b>	Contact: <b>Enga Hair</b>	<b>-1 PLM Priority</b>
Address: <b>1823 Trade Street</b>	Address: <b>1823 Trade Street</b>	Phone: <b>(803) 807-6488</b>	
<b>Florence, SC 29501</b>	<b>Florence, SC 29501</b>	Fax:	
		Cell: <b>(803) 807-6488</b>	
Project Number and/or P.O. #: <b>Florence</b>	Project Zip Code:	Final Data Deliverable Email Address: <b>enga@echconsultants.com (+ 1 ADDNL. CONTACTS)</b>	
Project Description/Location: <b>406 Roughfork St</b>			

ASBESTOS LABORATORY	REQUESTED ANALYSIS										VALID MATRIX CODES	LAB NOTES
<b>PLM</b> / PCM / TEM / NYS DTL RUSH <b>PRIORITY</b> STANDARD											Air = A Bulk = B Dust = D Food = F Paint = P Soil = S Surface = SU Swab = SW Tape = T Wipe = W Drinking Water = DW Waste Water = WW **ASTM E1792 approved wipe media only**	<b>SC</b>
CHEMISTRY LABORATORY												
Dust RUSH PRIORITY STANDARD												
Metals RUSH PRIORITY STANDARD												
Organics* SAME DAY RUSH PRIORITY STANDARD												
MICROBIOLOGY LABORATORY												Laboratory Analysis Instructions
Viable Analysis** PRIORITY STANDARD												
Medical Device Analysis RUSH STANDARD												
Mold Analysis RUSH PRIORITY STANDARD												
**Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.**												
Special Instructions: See COC												
Client Sample ID Number (Sample ID's must be unique)	ASBESTOS	CHEMISTRY	MICROBIOLOGY	ICO								
1 1	X										B	
2 2	X										B	
3 3	X										B	
4 4	X										B	
5 5	X										B	
6 6	X										B	
7 7	X										B	
8 8	X										B	
9 9	X										B	
10 10	X										B	
11 11	X										B	
12 12	X										B	
13 13	X										B	

Eurofins Built Environment Testing East, LLC establishes a unique Lab Sample ID, for each sample, by preceding each unique Client Sample ID with the laboratory RES Job Number.


Eurofins Built Environment Testing East, LLC will analyze incoming samples based on information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing, client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET30. Failure to comply with payment terms may result in a 18% APR finance charge.

Relinquished By:	Date/Time: <b>10/22/2025 9:47:35</b>	Sample Condition: <b>Acceptable</b>
Received By: 	Date/Time: <b>10/22/2025 13:05:10</b>	Carrier: <b>Fed-Ex</b>



RES Job #: 699695

Submitted By: ECH Consultants



Built Environment Testing

RES Job #:

699695

Submitted By:

ECH Consultants

										REQUESTED ANALYSIS						VALID MATRIX CODES						LAB NOTES																									
<div> <div>PLM - PLM Short Report (EPA/600/R-93/116)</div> <div> <div>TEM</div> <div>PCM</div> <div>NYS</div> <div>DUST</div> <div>METALS</div> <div>ORGANICS</div> <div>VIABLES</div> <div>MEDICAL</div> <div>MOLD</div> </div> </div>																<div>Air = A</div> <div>Bulk = B</div> <div>Dust = D</div> <div>Food = F</div> <div>Paint = P</div> <div>Soil = S</div> <div>Surface = SU</div> <div>Swab = SW</div> <div>Tape = T</div> <div>Wipe = W</div> <div>Drinking Water = DW</div> <div>Waste Water = WW</div> <div>**ASTM E1792 approved wipe media only**</div>						SC																									
																														Sample Volume (L) / Area						Sample Temperature (°C)						Length(or Aliquots) x Width(or Area/Aliquot)					
																Matrix Code								# of Containers						Date Collected mm/dd/yy						Time Collected hh:mm											
																				Laboratory Analysis Instructions																											
Client Sample ID Number										(Sample ID's must be unique)																																					
14 14										X																																					
15 15										X																																					
16 16										X																																					
17 17										X																																					
18 18										X																																					
19 19										X																																					
20 20										X																																					



730 SE Maynard Road, Cary, NC 27511  
Tel: 866-481-1412; Fax: 919-481-1442

CEI

## CHAIN OF CUSTODY

LAB USE ONLY:

CEI Lab Code:

CEI Lab I.D. Range:

COMPANY INFORMATION		PROJECT INFORMATION	
CEI CLIENT #:		Job Contact:	Enga Blair
Company:	ECOI Consultants	Email / Tel:	enga@eciconsultants.com
Address:	1823 Trade Street	Project Name:	406 Roughfork St
	Florence, SC 29501	Project ID#:	
Email:	enga@eciconsultants.com	PO #:	Florence
Tel:	803.907.0448	Fax:	
		STATE SAMPLES COLLECTED IN:	SC

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

ASBESTOS	METHOD	TURN AROUND TIME					
		4 HR	8 HR	1 DAY	2 DAY	3 DAY	5 DAY
PLM BULK	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (400)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (1000)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAY w POINT COUNT	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM BULK	CASB 435	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCM AIR	NIOSH 7400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	EPA AHERA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	NIOSH 7402	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR (POME)	ISO 10312	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	ASTM 6281-15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM BULK	CHATFIELD	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST WIFE	ASTM D6485-05 (2012)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST MICROVAC	ASTM D6755-06 (2014)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM SOIL	ASTM D7521-10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM VERMICULITE	CINCINNATI METHOD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM QUALITATIVE	IN-HOUSE METHOD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

REMARKS / SPECIAL INSTRUCTIONS:

Stop positives; Combine samples to make weight for TEM if needed

☒ Accept Samples  
☐ Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
Enga Blair	10/21/25 9:00	CEI	10/22/25 9:47 AM

Samples will be disposed of 30 days after analysis

Page 1 of 2  
Version: CCOC.01.18.1/2 LD

3944 8/6S 4952

**COMPANY CONTACT INFORMATION**

Company: EC3I Consultants	Job Contact: Figa Hair
Project Name: 405 Roughfork St	
Project ID #: Florence	Tel: 803.807.6488

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
1	Wall		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
2	↓		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
3	↓		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
4	↓		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
5	↓		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
6	VFC #1 blue		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
7	↓		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
8	↓		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>
9	VFC #2 grey		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
10	↓		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
11	↓		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>
12	VFC #3		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
13	↓		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
14	↓		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>
15	glaze		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
16	↓		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
17	↓		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>
18	Shingle		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
19	↓		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
20	↓		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>

## SCDES INSPECTOR LICENSE

