

# Ashe County



## Request for Proposals

RFP #2023-01

Asbestos Abatement (remodel)

Issue Date: March 8, 2023

Due Date: March 24, 2023

## 1. SUMMARY AND BACKGROUND

Ashe County is seeking cost and qualifications proposals for the price of pre-remodeling asbestos abatement at a county-owned non-residential structures at the following locations: 413 McConnell St, Jefferson, NC 28640.

The purpose of this Request for Proposal (RFP) is to solicit proposals from various candidate organizations, conduct a fair and extensive evaluation based on criteria listed herein, and select the candidate who best fulfills the needs of Ashe County.

The County commissioned an asbestos inspection in January 11, 2023 the results of that inspection are summarized in the attached reports (Attachment A)

Proposals will be received by:

Ashe County Administration  
Attn: Adam Stumb  
County Manager  
150 Government Cir, Suite 2500  
Jefferson, NC 28640  
[administration@ashecountygov.com](mailto:administration@ashecountygov.com)

Proposals must be received by Friday, March 24, 2023 at 3:30pm EST. Both hard copy and emailed proposals will be accepted. Ashe County reserves the right to modify and waive any and all informalities or technicalities, or to reject any and all proposals and/or parts thereof, and to accept that proposal which it deems most favorable for the County.

## 2. PROPOSAL GUIDELINES

This Request for Proposal represents the requirements for an open and competitive process. Proposals will be accepted until 3:30pm EST on Friday, March 24, 2023 . Any proposals received after this date and time will be returned to the sender. All proposals must be signed by an official agent or representative of the company submitting the proposal.

If the organization submitting a proposal must outsource or contract any work to meet the requirements contained herein, this must be clearly stated in the proposal. Additionally, all costs included in proposals must be all-inclusive to include any outsourced or contracted work. Any proposals which call for outsourcing or contracting work must include a name and description of the organizations being contracted.

Copy of contractor's liability and property damage insurance shall be included in bid proposal. No additional bonding required. All costs must be itemized to include an explanation of all fees and costs.

Contract terms and conditions will be negotiated upon selection of the winning bidder for this RFP. All contractual terms and conditions will be subject to review by the County Attorney and will include scope, budget, schedule, and other necessary items pertaining to the project.

### 3. PROJECT PURPOSE

The purpose of this project is as follows: The County is seeking Cost and Qualifications Proposals for the price of pre-remodeling asbestos abatement at the County owned health department building at the following locations: 413 McConnell St, Jefferson, NC 28640.

### 4. PROJECT SCOPE

The County of Ashe seeks a firm to:

- Provide proper notification for abatement services.
- Properly remove and dispose of asbestos containing material consisting of those materials identified in the attached reports from Affinity Environmental Consulting.
- Provide employees, supervision, materials, equipment and services that are required to properly perform the abatement services.
- Perform work in accordance with all applicable federal, state and local regulations relating to the removal and disposal of asbestos containing materials.

### 5. REQUEST FOR PROPOSAL AND PROJECT TIMELINE

Request for Proposal Timeline:

The County of Ashe will evaluate all proposals based on the qualifications of the bidder, the ability of the bidder to meet the schedule requirements, and cost. Each bidder must either submit a copy of their proposal within a single envelope, or email at the address below. All proposals must be received by email or in person to the address below by March 24, 2023 at 3:30pm EST:

Ashe County Administration  
Attn: Adam Stumb  
County Manager  
150 Government Cir, Suite 2500  
Jefferson, NC 28640  
[administration@ashecountygov.com](mailto:administration@ashecountygov.com)

Emailed/electronic copies can be sent to [administration@ashecountygov.com](mailto:administration@ashecountygov.com). Confirmation of receipt is required, and the Consultant is responsible for obtaining confirmation of receipt. Consultant selection will be based on quality of proposal, qualifications of the design team, schedule and fee to complete the work.

Non-disclosure of the data contained within a proposal cannot be guaranteed because of Public Records Laws.

Project Timeline:

Time is of the essence. Scheduled completion of project is to occur within 60 days of award/notice to proceed. Consideration of an accelerated schedule is appreciated, and should be noted in the response. Proposals that cannot meet this timeline will still be considered.

6. BUDGET: All proposals must include proposed costs to complete the tasks described in the project scope.

#### 7. BIDDER QUALIFICATIONS

Bidders should provide the following items as part of their proposal for consideration:

- Prospective bidders are required to meet all qualifications and specifications of this Request For Proposal in order to be considered for award. If a vendor does not clearly demonstrate and provide documentation substantiating that they are compliant with the qualifications and specifications of this Request for Proposal, they may be disqualified.
- All prospective bidders are to make written proposals that present the firm's qualifications and understanding of the work to be performed. Failure to include any of the requested information may be cause for proposal to be considered non-responsive and rejected.

#### Terms and Conditions

If for any reason, the firm selected shall fail to fulfill the obligations agreed to in a timely manner, the County shall have the right to terminate the contract by specifying the date of termination in a written notice to the firm at least (7) days before the termination date. In this event, the firm shall be entitled to just and equitable compensation for the work satisfactorily completed.

The successful proposer will be required to furnish, within five (5) days of award notification and before commencing work, a certificate of insurance. The certificate shall name the County, its officers and employees, as additional insured.

The contract resulting from the award of this RFP shall commence on upon execution.

The County reserves the right to reject any or all proposals, to waive technicalities, or to accept the proposal deemed to serve the County's best interest.

All cost associated with preparation, submittal and presentation of proposals shall be borne by the proposer.



Contactor (Company Name): \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Email: \_\_\_\_\_

Complete Contract Price: \_\_\_\_\_

Time to Complete (# of days): \_\_\_\_\_

Owner Signature: \_\_\_\_\_

Date: \_\_\_\_\_

January 11, 2023

Mr. Adam Stumb, County Manager  
Ashe County Government  
150 Government Circle, Suite 2500  
Jefferson, NC 28640

**RE: Asbestos Inspection Report  
Ashe County Health Department  
413 McConnell Street  
Jefferson, NC  
AEC Project #23005**

Mr. Stumb:

Affinity Environmental Consulting, LLC conducted an asbestos inspection at the above referenced site. Please find the final report attached.

Thank you for the opportunity to be of service. If you have any questions or need additional information, please do not hesitate to call.

Sincerely,  
**Affinity Environmental Consulting, LLC**



Mike Cook, CIEC  
Principal

Attachment



Asbestos Inspection Report  
*for*  
Ashe County Health Department  
413 McConnell Street  
Jefferson, North Carolina

AEC Project #23005

*Prepared For:*  
Ashe County Government  
150 Government Circle, Suite 2500  
Jefferson, NC 28640

*Prepared By:*  
Affinity Environmental Consulting, LLC  
P.O. Box 7153  
Asheville, NC 28802

Asbestos Inspector: Mike G. Cook  
NC Accreditation # - 12016

*Report Prepared:* January 11, 2023

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## TABLE OF CONTENTS

- 1.1 Summary
- 1.2 Building Description
- 1.3 Sample Collection
- 1.4 Sample Analysis
- 1.5 Results
- 1.6 Recommendations & Requirements

### APPENDICES

- APPENDIX A - Asbestos Inspection Homogeneous Areas & Results
- APPENDIX B - Asbestos Bulk Sample Location Drawing
- APPENDIX C - Asbestos-Containing Material Location Drawings
- APPENDIX D - Asbestos PLM Bulk Sample Laboratory Results
- APPENDIX E - Asbestos-Containing Material Photographs

**1.1 SUMMARY:** On January 9<sup>th</sup>, 2023, Affinity Environmental Consulting, LLC (AEC) conducted an asbestos inspection of the Ashe County Health Department Building located at 413 McConnell Street in Jefferson, North Carolina. AEC was retained by Ashe County Government to conduct the inspection prior to renovation of the building. Bulk samples of suspect asbestos-containing materials (ACM) were collected and analyzed using Polarized Light Microscopy (PLM).

**1.2 BUILDING DESCRIPTION:** The Ashe County Health Department Building is a single story, wood framed structure with brick exterior. The roof has asphalt shingles. The building is in good condition. Walls finishes consist of concrete block and drywall. Ceiling finishes consist of drywall throughout. Floor finishes consists of vinyl floor tile and carpet. HVAC ducts in the attic space were observed to be insulated with fiberglass insulations.

**1.3 SAMPLE COLLECTION:** Bulk samples were collected of suspect asbestos-containing materials (ACM) in general accordance with sampling protocols established in US EPA Regulation 40 CFR Part 763 Asbestos Hazard Emergency Response Act (AHERA). The bulk sampling was conducted to fulfill requirements as set forth in EPA's National Emissions Standards for Hazardous Air Pollutants (NESHAPS) asbestos regulation, 40 CFR, Part 61, Subpart M which requires an asbestos evaluation of buildings scheduled for renovation or demolition.

Suspect materials are divided into homogeneous areas for sampling. A homogeneous area is described as a section of material with the same color, texture, age, composition, and other characteristics that indicate a continuity of the material. The bulk samples were taken of non-friable and friable (material, which can be crumbled or reduced to powder by hand pressure). The suspected ACM samples were taken from Surfacing Materials (SURF) and Miscellaneous Materials (MISC). Attached in **Appendix A** are descriptions of the homogenous areas identified and an estimate of quantity of asbestos, location, and type of asbestos in each homogeneous area. All quantities are estimates and should be field verified for all other uses. If no asbestos was detected in a sample, it is indicated as None Detected.

**1.4 SAMPLE ANALYSIS:** The samples were shipped via FedEx to SAI, an NVLAP accredited laboratory, in Greensboro, NC for PLM analysis. PLM is the EPA approved method for analyzing bulk samples for asbestos. This method utilizes a light microscope equipped with polarizing filters. The identification of asbestos fibers is determined by the visual properties displayed when the sample is treated with various dispersion staining liquids. The actual structure of the fiber and the effect of polarized light on the fiber substantiate identification. The limit of detection of asbestos by PLM is about 1 percent by area; thus, samples containing less than 1 percent of asbestos are not reliably detected by this technique. The PLM method does determine both the percent (1% or above) and type of asbestos in the bulk sample.



**1.5 RESULTS:** Following are the asbestos-containing materials identified during this asbestos inspection of the Ashe County Health Department Building:

TABLE 1 – Asbestos-Containing Materials Identified			
Homogenous Area	Asbestos-Containing Material	Location (Quantity)	Photo #
A-06	9" x 9" (Green & Tan) Floor Tile & Black Mastic	Under Carpet or Non-ACM Floor Tile in Waiting Room, Exam Rooms, etc. See Drawing Attached in Appendices for Exact Locations. (2,600 SF)	1
A-08	Popcorn Ceiling Texture	Asbestos-Containing Sample Collected from Lounge in the South End of the Building - Assume All Ceiling Texture Positive in South End Building Section. (1,300 SF in South End Building Section)	2

Homogeneous area details and results are listed in Appendix A. Bulk sample location drawing is attached in Appendix B. Asbestos-Containing Material Location Drawings are attached in Appendix C. Laboratory analysis data is attached in Appendix D. Photographs are attached in Appendix E.

**1.6 RECOMMENDATIONS AND REQUIREMENTS:** Recommendations are made with knowledge of how asbestos-containing materials are generally handled during a renovation or demolition. Before proceeding with renovation or demolition of any building or the removal of any asbestos-containing materials, friable or non-friable, contact the regulatory agency with EPA-NESHAPS authority for the area where the work is to occur. In North Carolina, the NC DHHS/Division of Public Health Hazards Control Unit has that authority. Their contact information is:

Health Hazards Control Unit  
 NC DHHS/Division of Public Health  
 1912 Mail Service Center  
 Raleigh, NC 27699-1912  
 Phone: 919-707-5950

Website: [www.epi.state.nc.us/epi/asbestos/demolition.html](http://www.epi.state.nc.us/epi/asbestos/demolition.html)

According to current EPA regulations, asbestos-containing materials (ACM) are any materials containing more than 1% by weight of any mixture of asbestos types. The disposed asbestos must be placed in a landfill that is accredited to receive these materials. This landfill must be notified of the presence of ACM debris and waste before disposal. AEC recommends that the asbestos-containing materials identified be removed by a North Carolina Department of Health and Human Services Health Hazards Control Unit accredited asbestos contractor prior to disturbance.

**Additional sampling may be necessary if additional suspect asbestos-containing materials are discovered during the renovation process.**



## APPENDIX A

# Asbestos Inspection Homogeneous Areas & Results

# Asbestos Inspection Ashe County Health Department 413 McConnell Street Jefferson, NC

AEC Project #23005

Homogeneous Area					Material Description								
Number	Description	Sample #	Sample Location	Total Asbestos % and Type	Location(s)	Estimated Quantity	Condition	Potential for Disturbance					
A-01	12" x 12" White w/Blue & Purple Streaks Floor Tile & Mastic	A-01-01A(tile)	Corridor at Mech 2	None Detected	Throughout Corridors, Waiting Room, & Various Offices	5,240 SF	G	PD					
		A-01-01B(mastic)	Corridor at Mech 2	None Detected									
		A-01-02A(tile)	Dental Exam	None Detected									
		A-01-02B(mastic)	Dental Exam	None Detected									
		A-01-03A(tile)	Waiting Room	None Detected									
		A-01-03B(mastic)	Waiting Room	None Detected									
		A-01-04A(tile)	Storage #1	None Detected									
		A-01-04B(mastic)	Storage #1	None Detected									
A-02	Drywall & Joint Compound Wall & Ceiling	A-02-01(ceiling)	Corridor at Env. Health	None Detected	Throughout Non-CMU Walls & Ceilings of Building	Not Quantified	G	PD					
		A-02-02(wall)	Dentist Office	None Detected									
		A-02-03	Primary Care Office	None Detected									
		A-02-04	Health Check	None Detected									
A-03	4" Black Vinyl Cove Base & Adhesive	A-03-01A(vinyl)	Env. Health	None Detected	Various Areas of Building	Not Quantified	G	PD					
		A-03-01B(adhesive)	Env. Health	None Detected									
		A-03-02A(vinyl)	Env. Health	None Detected									
		A-03-03B(adhesive)	Env. Health	None Detected									
A-04	4" Brown Vinyl Cove Base & Adhesive	A-04-01A(vinyl)	Reception	None Detected	Various Areas of Building	Not Quantified	G	PD					
		A-04-01B(adhesive)	Reception	None Detected									
		A-04-02A(vinyl)	Reception	None Detected									
		A-04-03B(adhesive)	Reception	None Detected									
A-05	Carpet Glue	A-05-01	Env. Health	None Detected	Various Offices in Building	Not Quantified	G	PD					
		A-05-02	Dentist Office	None Detected									
		A-05-03	Health Check	None Detected									
		A-05-04	Clinical Nurses	None Detected									
A-06	9" x 9" (Green & Tan) Floor Tile & Black Mastic	A-06-01B(tile)	Waiting Room	6% Chrysotile	Under Carpet or Non-ACM Floor Tile in Waiting Room, Exam Rooms, etc. See Drawing Attached in Appendices for Exact Locations. (Top Carpet Glue/Non-ACM Tile "A Layer" = None Detected for All Samples)	2,600 SF	G	PD					
		A-06-01C(black mastic)	Waiting Room	3% Chrysotile									
		A-06-02B(tile)	Waiting Room	6% Chrysotile									
		A-06-02C(black mastic)	Waiting Room	3% Chrysotile									
		A-06-03B(tile)	Storage #1	6% Chrysotile									
		A-06-03C(black mastic)	Storage #1	3% Chrysotile									
		A-06-04B(tile)	Janitor Closet	6% Chrysotile									
		A-06-04C(black mastic)	Janitor Closet	3% Chrysotile									
		<b>NOTE: Quantities Listed are for inspection purposes only. Quantities should be field verified for all other uses.</b>											
		SURF = Surfacing		SF = Square Feet					G = Good		LPD = Low Potential for Disturbance		
MISC = Miscellaneous Material		NF = Non-friable		D = Damaged		PD = Potential for Disturbance							
TSI = Thermal System Insulation		DNA = Did Not Analyze		CF = Cubic Feet		PSD = Potential of Significant Disturbance							
		ND = None Detected											

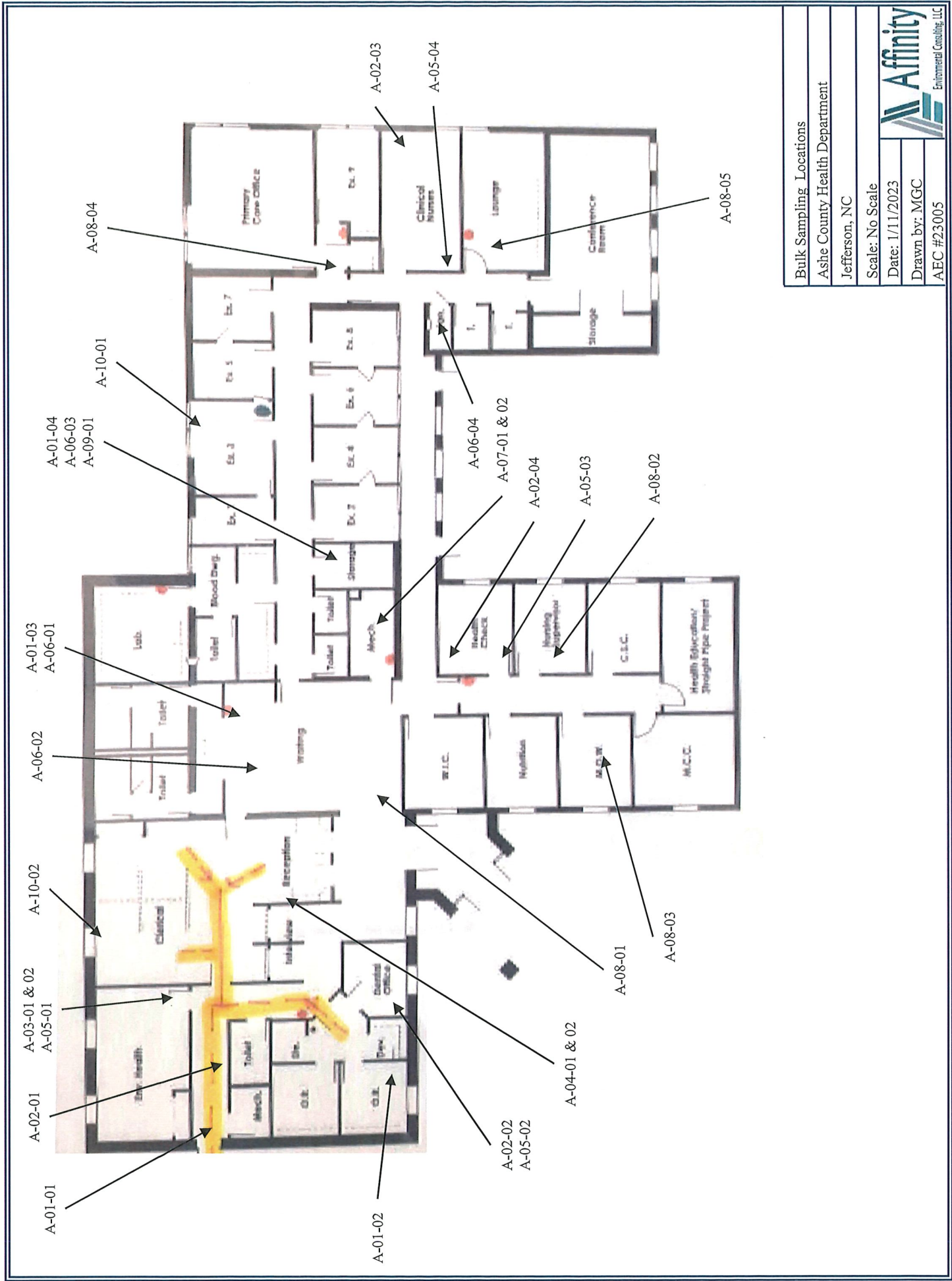
# Asbestos Inspection Ashe County Health Department 413 McConnell Street Jefferson, NC

Homogeneous Area					Material Description			
Number	Description	Sample #	Sample Location	Total Asbestos % and Type	Location(s)	Estimated Quantity	Condition	Potential for Disturbance
A-07	Joint Compound Ceiling Texture SURF - F	A-07-01	Mechanical Room	None Detected	Mechanical Room	72 SF	G	PD
		A-07-02	Mechanical Room	None Detected				
A-08	Popcorn Ceiling Texture  SURF - F	A-08-01	Corridor @ Waiting Rm	None Detected	Asbestos-Containing Sample Collected from Lounge in the South End of the Building - Assumed All Ceiling Texture Positive in South End Building Section.	1,300 SF in South End Building Section	G	PD
		A-08-02	Nurse Supervisor Office	None Detected				
		A-08-03	Maternity Care Coord	None Detected				
		A-08-04	Corridor at Clinical Nurse Lounge	None Detected				
		A-08-05		3% Chrysotile				
A-09	Built-up Roofing & Insulation MISC - NF	A-09-01A(roofing)	Attic Space	None Detected	Original Flat Roofing Located in Attic Under Sloped Roof	Not Quantified	G	PD
		A-09-01B(insulation)	Attic Space	None Detected				
A-10	Concrete Block Wall Coating MISC - NF	A-10-01	Exam #3	None Detected	On CMU Walls Throughout Building	Not Quantified	G	PD
		A-10-02	Clerical	None Detected				
A-11	Exterior White Pliable Window & Door Frame Caulking MISC - NF	A-11-01	Exterior Door Frame	None Detected	Throughout Exterior Window & Door Frames of Building	Not Quantified	G	PD
		A-11-02	Exterior Window Frame	None Detected				
A-12	Roof Shingles & Felt MISC - NF	A-12-01A(shingle)	Roof	None Detected	Throughout Roof	Not Quantified	G	PD
		A-12-01B(felt)	Roof	None Detected				
<b>NOTE: Quantities Listed are for inspection purposes only. Quantities should be field verified for all other uses.</b>								
SURF = Surfacing		F= Friable		SF = Square Feet		LPD = Low Potential for Disturbance		
MISC = Miscellaneous Material		NF = Non-friable		LF = Linear Feet		PD = Potential for Disturbance		
TSI = Thermal System Insulation		DNA = Did Not Analyze		CF = Cubic Feet		PSD = Potential of Significant Disturbance		
		ND = None Detected						

## APPENDIX B

### Asbestos Bulk Sample Locations Drawing





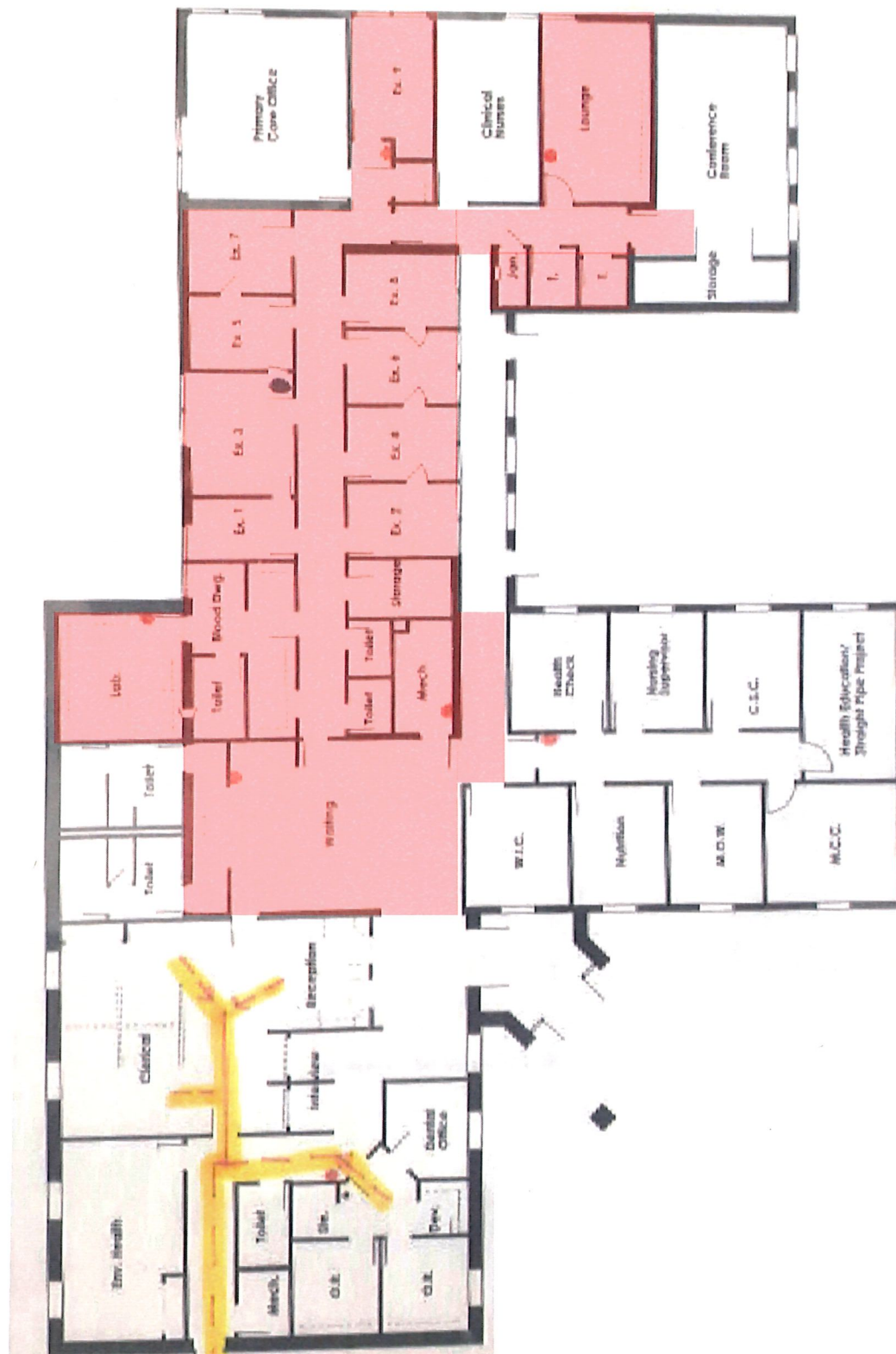
Bulk Sampling Locations	
Ashe County Health Department	
Jefferson, NC	
Scale: No Scale	
Date: 1/11/2023	
Drawn by: MGC	
AEC #23005	



## APPENDIX C

### Asbestos-Containing Material Location Drawings

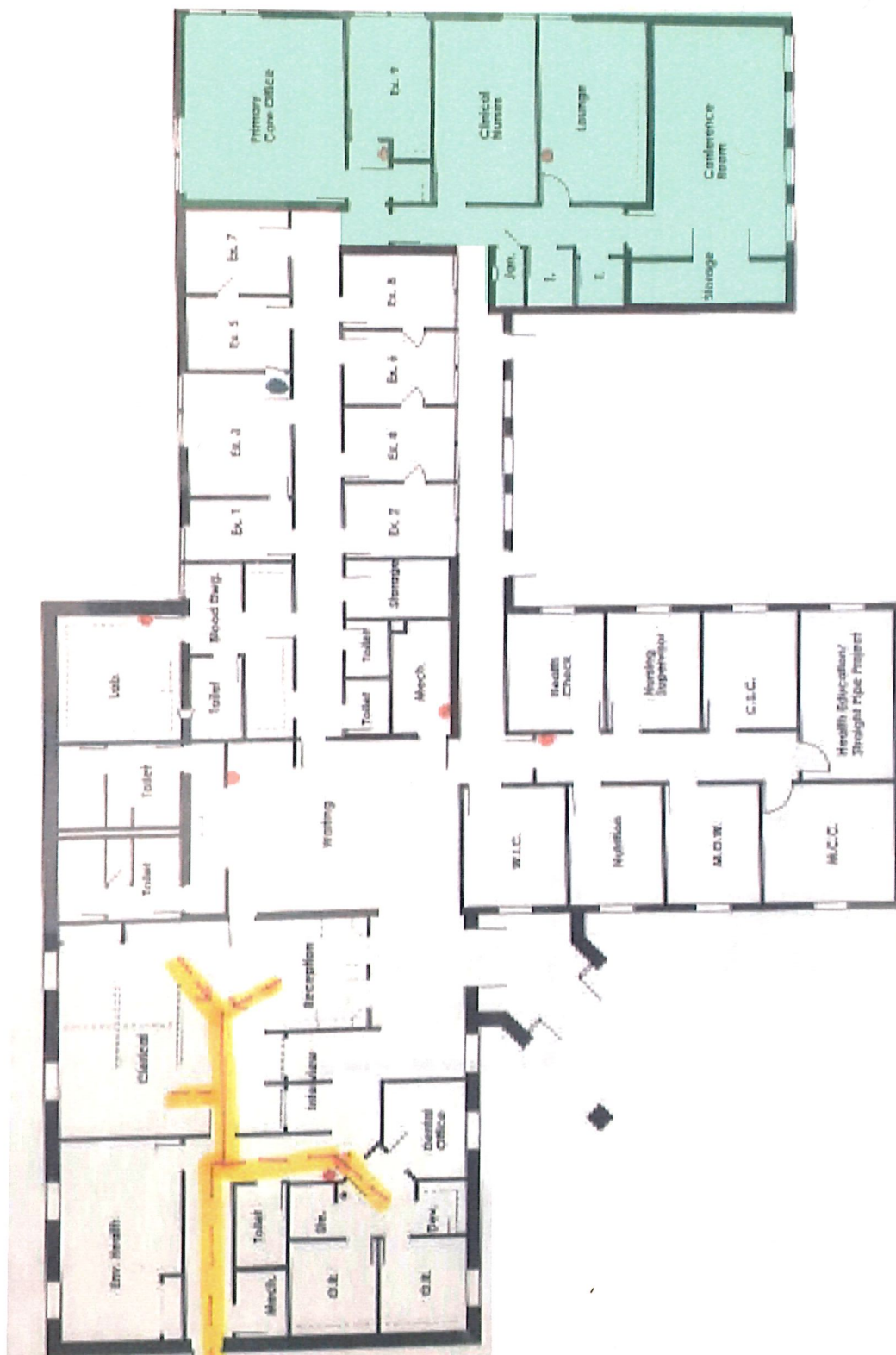




Represents Approximate Locations of Asbestos-Containing 9" x 9" Floor Tile and Black Mastic Underlayer

Asbestos Flooring Locations
Ashe County Health Department
Jefferson, NC
Scale: No Scale
Date: 1/11/2023
Drawn by: MGC
AEC #23005





Represents Approximate Locations of Asbestos-Containing Ceiling Texture

Asbestos Ceiling Texture Locations
Ashe County Health Department
Jefferson, NC
Scale: No Scale
Date: 1/11/2023
Drawn by: MGC
AEC #23005



## APPENDIX D

### Asbestos PLM Bulk Sample Laboratory Results





# Bulk Asbestos Analysis

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



**Customer:** Affinity Environmental Consulting, LLC  
P.O. Box 7153  
Asheville, NC 28802

**Attn:** Mike Cook

**Lab Order ID:** 10013438

**Analysis:** PLM

**Date Received:** 01/10/2023

**Date Reported:** 01/11/2023

**Project:** Ashe Co Health Dept

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
A-01-01 - A		None Detected		100% Other	White, Blue Non-Fibrous Homogeneous
10013438_0001	tile				Dissolved
A-01-01 - B		None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10013438_0034	mastic				Dissolved
A-01-02 - A		None Detected		100% Other	White, Blue Non-Fibrous Homogeneous
10013438_0002	tile				Dissolved
A-01-02 - B		None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10013438_0035	mastic				Dissolved
A-01-03 - A		None Detected		100% Other	White, Blue Non-Fibrous Homogeneous
10013438_0003	tile				Dissolved
A-01-03 - B		None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10013438_0036	mastic				Dissolved
A-01-04 - A		None Detected		100% Other	Blue, White Non-Fibrous Homogeneous
10013438_0004	tile				Dissolved
A-01-04 - B		None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10013438_0037	mastic				Dissolved

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

Megan Javonovich (51)

**Analyst**

**Approved Signatory**



# Bulk Asbestos Analysis

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



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**Analysis:** PLM

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**Date Reported:** 01/11/2023

**Project:** Ashe Co Health Dept

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
A-02-01		None Detected	10% Cellulose	90% Other	White, Gray Non-Fibrous Heterogeneous
10013438_0005	drywall: none detect; joint compound: none detect				Crushed
A-02-02		None Detected	10% Cellulose	90% Other	Gray, White Non-Fibrous Heterogeneous
10013438_0006	drywall: none detect; joint compound: none detect				Crushed
A-02-03		None Detected	10% Cellulose	90% Other	Gray, White Non-Fibrous Heterogeneous
10013438_0007	drywall: none detect; joint compound: none detect				Crushed
A-03-01 - A		None Detected		100% Other	Blue Non-Fibrous Homogeneous
10013438_0008	cove base				Ashed
A-03-01 - B		None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10013438_0038	mastic				Ashed
A-03-02 - A		None Detected		100% Other	Blue Non-Fibrous Homogeneous
10013438_0009	cove base				Ashed
A-03-02 - B		None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10013438_0039	mastic				Ashed
A-04-01 - A		None Detected		100% Other	Brown Non-Fibrous Homogeneous
10013438_0010	cove base				Ashed

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

Megan Javonovich (51)

**Analyst**

*Nathaniel Durham*

**Approved Signatory**



# Bulk Asbestos Analysis

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



**Customer:** Affinity Environmental Consulting, LLC  
P.O. Box 7153  
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**Attn:** Mike Cook

**Lab Order ID:** 10013438

**Analysis:** PLM

**Date Received:** 01/10/2023

**Date Reported:** 01/11/2023

**Project:** Ashe Co Health Dept

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
A-04-01 - B		None Detected		100% Other	Yellow
10013438_0040	mastic				Non-Fibrous Homogeneous Ashed
A-04-02 - A		None Detected		100% Other	Brown
10013438_0011	cove base				Non-Fibrous Homogeneous Ashed
A-04-02 - B		None Detected		100% Other	Yellow
10013438_0041	mastic				Non-Fibrous Homogeneous Ashed
A-05-01		None Detected		100% Other	Yellow
10013438_0012					Non-Fibrous Homogeneous Dissolved
A-05-02		None Detected		100% Other	Yellow
10013438_0013					Non-Fibrous Homogeneous Dissolved
A-05-03		None Detected		100% Other	Yellow
10013438_0014					Non-Fibrous Homogeneous Dissolved
A-05-04		None Detected		100% Other	Yellow
10013438_0015					Non-Fibrous Homogeneous Dissolved
A-06-01 - A		None Detected		100% Other	Yellow
10013438_0016	mastic 1				Non-Fibrous Homogeneous Dissolved

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

Megan Javonovich (51)

Analyst

*Nathanial Durham*

Approved Signatory





# Bulk Asbestos Analysis

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



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**Lab Order ID:** 10013438

**Analysis:** PLM

**Date Received:** 01/10/2023

**Date Reported:** 01/11/2023

**Project:** Ashe Co Health Dept

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
A-06-01 - B		6% Chrysotile		94% Other	Tan
10013438_0042	tile				Non-Fibrous Homogeneous Dissolved
A-06-01 - C		3% Chrysotile		97% Other	Black
10013438_0043	mastic2				Non-Fibrous Homogeneous Dissolved
A-06-02 - A		None Detected		100% Other	Yellow
10013438_0017	mastic 1				Non-Fibrous Homogeneous Dissolved
A-06-02 - B		6% Chrysotile		94% Other	Tan
10013438_0044	tile				Non-Fibrous Homogeneous Dissolved
A-06-02 - C		3% Chrysotile		97% Other	Black
10013438_0045	mastic 2				Non-Fibrous Homogeneous Dissolved
A-06-03 - A		None Detected		100% Other	Yellow
10013438_0018	mastic 1				Non-Fibrous Homogeneous Dissolved
A-06-03 - B		6% Chrysotile		94% Other	Green
10013438_0046	tile				Non-Fibrous Homogeneous Dissolved
A-06-03 - C		3% Chrysotile		97% Other	Black
10013438_0047	mastic 2				Non-Fibrous Homogeneous Dissolved

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Megan Javonovich (51)

Analyst

*Nathanial Durham*

Approved Signatory



# Bulk Asbestos Analysis

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



**Customer:** Affinity Environmental Consulting, LLC  
P.O. Box 7153  
Asheville, NC 28802

**Attn:** Mike Cook

**Lab Order ID:** 10013438

**Analysis:** PLM

**Date Received:** 01/10/2023

**Date Reported:** 01/11/2023

**Project:** Ashe Co Health Dept

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
A-06-04 - A		None Detected		100% Other	Yellow
10013438_0019	mastic 1				Non-Fibrous Homogeneous Dissolved
A-06-04 - B		6% Chrysotile		94% Other	Brown, Cream
10013438_0048	tile				Non-Fibrous Homogeneous Dissolved
A-06-04 - C		3% Chrysotile		97% Other	Black
10013438_0049	mastic 2				Non-Fibrous Homogeneous Dissolved
A-07-01		None Detected		100% Other	White
10013438_0021					Non-Fibrous Homogeneous Teased
A-07-02		None Detected		100% Other	White
10013438_0022					Non-Fibrous Homogeneous Teased
A-08-01		None Detected		100% Other	White
10013438_0023					Non-Fibrous Homogeneous Teased
A-08-02		None Detected		100% Other	White
10013438_0024					Non-Fibrous Homogeneous Teased
A-08-03		None Detected		100% Other	White
10013438_0025					Non-Fibrous Homogeneous Teased

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*Nathanial Durham*

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Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
A-08-04		None Detected		100% Other	White
10013438_0026					Non-Fibrous Homogeneous Teased
A-08-05		3% Chrysotile		97% Other	Beige
10013438_0027					Non-Fibrous Homogeneous Teased
A-09-01 - A		None Detected	70% Cellulose	30% Other	Black
10013438_0028	built up roofing				Fibrous Heterogeneous Dissolved
A-09-01 - B		None Detected	95% Cellulose	5% Other	Brown
10013438_0050	insulation				Fibrous Homogeneous Ashed
A-10-01		None Detected		100% Other	White
10013438_0029					Non-Fibrous Heterogeneous Teased
A-10-02		None Detected		100% Other	White
10013438_0030					Non-Fibrous Heterogeneous Teased
A-11-01		None Detected		100% Other	Gray
10013438_0031					Non-Fibrous Homogeneous Ashed
A-11-02		None Detected		100% Other	Gray
10013438_0032					Non-Fibrous Homogeneous Ashed

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Megan Javonovich (51)

Analyst

*Nathanial Durham*

Approved Signatory





# Bulk Asbestos Analysis

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



**Customer:** Affinity Environmental Consulting, LLC  
P.O. Box 7153  
Asheville, NC 28802

**Attn:** Mike Cook

**Lab Order ID:** 10013438

**Analysis:** PLM

**Date Received:** 01/10/2023

**Date Reported:** 01/11/2023

**Project:** Ashe Co Health Dept

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
A-12-01 - A		None Detected	30% Fiber Glass	70% Other	Black, Gray Fibrous Homogeneous
10013438_0033	shingle				Dissolved
A-12-01 - B		None Detected	70% Cellulose	30% Other	Black Fibrous Homogeneous
10013438_0051	felt				Dissolved
A-02-04		None Detected	10% Cellulose	90% Other	White, Gray Non-Fibrous Heterogeneous
10013438_0052	drywall: none detect; joint compound: none detect				Crushed

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Megan Javonovich (51)

Analyst

Approved Signatory



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

Lab Use Only  
Lab Order ID: 16013438  
Client Code: \_\_\_\_\_

Company Contact Information	
Company: Affinity Environmental Consulting, LLC	Contact: Mike Cook
Address: P.O. Box 7153	Phone <input type="checkbox"/> : (828) 508-3812
Ashville, NC 28802	Fax <input type="checkbox"/> :
	Email <input checked="" type="checkbox"/> : mcook@affinityenv.com

Billing/Invoice Information	Turn Around Times
Company: SAME	90 Min. <input type="checkbox"/> 48 Hours <input type="checkbox"/>
Contact:	3 Hours <input type="checkbox"/> 72 Hours <input type="checkbox"/>
Address:	6 Hours <input type="checkbox"/> 96 Hours <input type="checkbox"/>
	12 Hours <input type="checkbox"/> 120 Hours <input type="checkbox"/>
	24 Hours <input checked="" type="checkbox"/> 144*Hours <input type="checkbox"/>

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

PO Number:
Project Name/Number: <u>Ashe Co Health Dept</u>

Sample ID #	Description/Location	Volume/Area	Comments
A-01-01			
A-01-02			
A-01-03			
A-01-04			
A-02-01			
A-02-02			
A-02-03			
A-03-01			
A-03-02			
A-04-01			
A-04-02			

Total # of Samples 33

Relinquished by	Date/Time	Received by	Date/Time
<u>Mike Cook</u>	<u>1/8/23</u>	<u>[Signature]</u>	<u>1-10</u> <u>10:30</u>

Accepted ☒  
Rejected ☐

Page 1 of 2  
A-F-017 EXP: 2/4/2021





**Lab Use Only**  
Lab Order ID: 10013438  
Client Code: \_\_\_\_\_

Page 2 of 2  
A-E-017 EXP:2/4/2021



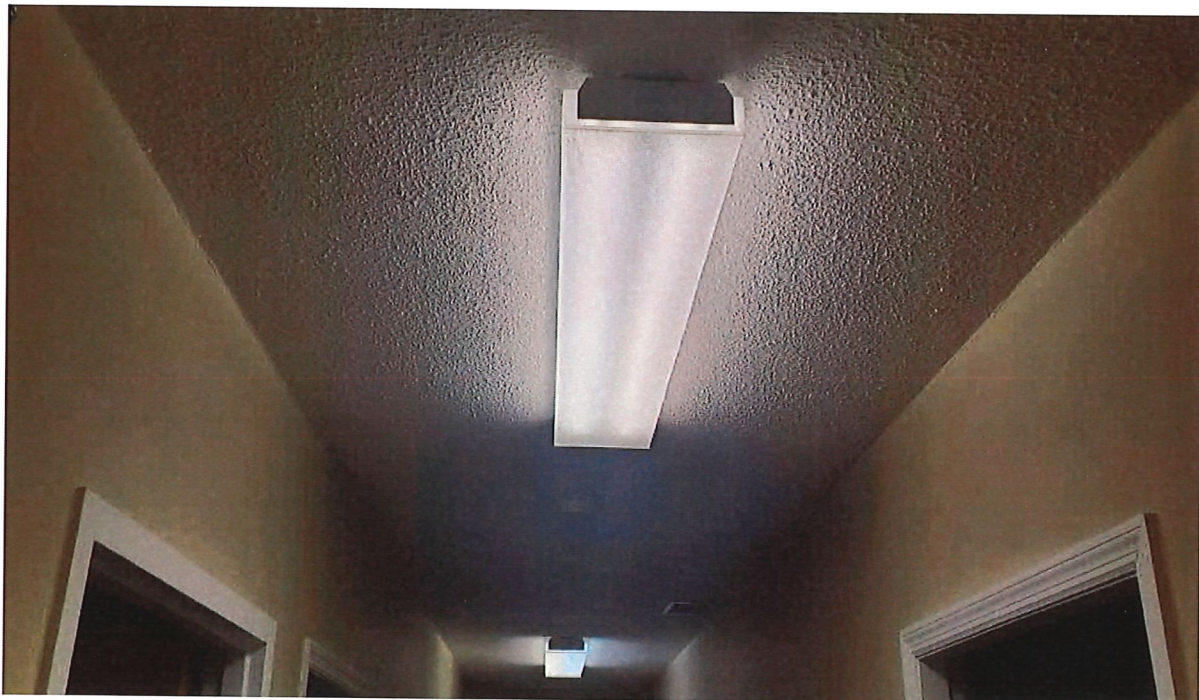
## APPENDIX E

### Asbestos-Containing Materials Photographs

**Asbestos-Containing Material Photographs**  
**Ashe County Health Department**  
**Jefferson, NC**



Photograph 1 - Homogeneous Area A-06—Typical Asbestos-Containing 9" x 9" Floor Tile (Green & Brown) with Black Mastic Located Under Carpet or Non-ACM Floor Tile in Waiting Room, Exam Rooms, etc. See Drawing Attached in Appendices for Exact Locations. (2,600 SF)



Photograph 2 - Homogeneous Area A-08—Typical Asbestos-Containing Asbestos-Containing Sample Collected from Lounge in the South End of the Building - Assume All Ceiling Texture Positive in South End Building Section. (1,300 SF in South End Building Section)