



September 28, 2023

Ms. Marcie Campbell
Town of Kernersville
134 East Mountain Street
Kernersville, North Carolina 27284

Reference: Asbestos Survey
511 Clubb Road
Kernersville, North Carolina
Pilot Project 10106

Dear Ms. Campbell:

Pilot Environmental, Inc. (Pilot) has completed the asbestos survey at the above referenced property. The site contains a two-story single family residence located at 511 Clubb road in Kernersville, North Carolina. The residence was vacant at the time of our site visit.

Pilot understands that the residence is being evaluated for demolition. Pilot representatives completed the survey on September 19, 2023 to identify the location of asbestos containing materials (ACM) on the interior and exterior of the structure. The survey was performed in general accordance with the National Emissions Standard for Hazardous Air Pollutants (NESHAP) protocols which require that multiple samples of each homogeneous material be collected for laboratory analysis.

The structure is a two-story residence with a pitched, shingle roof system built on a concrete slab. The building has vinyl siding over wood, and a brick façade with vinyl framed windows. The interior of the building contains carpet and sheet vinyl floors; drywall walls; and, textured drywall and acoustical tile ceilings. Visible piping/ductwork was uninsulated or insulated with fiberglass.

Thirteen bulk samples were collected during the survey and submitted to Scientific Analytical Institute, Inc. (SAI) for analysis. SAI is a participant in the National Voluntary Laboratory Accreditation Program (NVLAP). Their NVLAP number is 200664-0. The samples were analyzed using Polarized Light Microscopy (PLM) by EPA Method 600/R-93/116 and 600/M4-82-020. Pilot requested that a positive stop be used for all positive samples, meaning that if the first sample in each set contains asbestos, then the remaining samples are presumed to contain asbestos and are not analyzed. SAI analyzed fifteen samples, which includes separate layers that were present in some of the bulk samples (e.g. a sample of floor tile with mastic is separated into two samples by the laboratory). The analytical results are included in the attachments.

The EPA considers a material to be asbestos containing when it contains greater than 1% asbestos. Asbestos containing materials were not identified at the site. Several materials were sampled from the building that were determined to be non-asbestos containing. These materials include:

- Drywall and joint compound;
- Ceiling texture;
- Sheet vinyl flooring;
- Acoustical ceiling tile; and,
- Roof system.

These asbestos sampling results are based on conditions at the site when the sampling was performed. Additionally, only limited destructive measures were taken to collect the samples. It is possible that ACM may exist in other areas of the buildings that were not evaluated due to their inaccessibility or due to the limitations of our assessment.

This report is provided for the exclusive use of the report's addressee. Use of this report without the written consent of Pilot is at the sole risk of the user. We appreciate the opportunity to provide environmental services on your project. If you have questions concerning this report or need additional information, please contact us.

Sincerely,



Matthew B. Carter
Project Manager
NC Asbestos Inspector No. 12907



B. J. Lineback, CIEC
Vice President

Attachments: Bulk Asbestos Analysis Report
Field Notes



Bulk Asbestos Analysis

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



Customer: Pilot Environmental
PO Box 128
Kernersville, NC 27284

Attn: Matt Carter

Lab Order ID: 10033067

Analysis: PLM

Date Received: 09/20/2023

Date Reported: 09/22/2023

Project: 511 Club Rd

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
1	DW/JC	None Detected	10% Cellulose	90% Other	White Non-Fibrous Heterogeneous
10033067_0001	<i>drywall: none detected, joint compound: none detected</i>				Crushed
2	DW/JC	None Detected	10% Cellulose	90% Other	White Non-Fibrous Heterogeneous
10033067_0002	<i>drywall: none detected, joint compound: none detected</i>				Crushed
3	DW/JC	None Detected	10% Cellulose	90% Other	White Non-Fibrous Heterogeneous
10033067_0003	<i>drywall: none detected, joint compound: none detected</i>				Crushed
4	Ceiling texture	None Detected		100% Other	White Non-Fibrous Heterogeneous
10033067_0004					Crushed
5	Ceiling texture	None Detected		100% Other	White Non-Fibrous Heterogeneous
10033067_0005					Crushed
6	Ceiling texture	None Detected		100% Other	White Non-Fibrous Heterogeneous
10033067_0006					Crushed
7 - A	4" yellow square SV	None Detected	30% Cellulose	70% Other	Yellow Fibrous Heterogeneous
10033067_0007	<i>vinyl sheet flooring</i>				Dissolved
7 - B	4" yellow square SV	None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10033067_0014	<i>mastic</i>				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 heterogenous 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%.

Eloisa Blake (15)

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



Customer: Pilot Environmental
PO Box 128
Kernersville, NC 27284

Attn: Matt Carter

Lab Order ID: 10033067

Analysis: PLM

Date Received: 09/20/2023

Date Reported: 09/22/2023

Project: 511 Club Rd

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
8 - A	4" yellow square SV	None Detected	30% Cellulose	70% Other	Yellow Fibrous Heterogeneous
10033067_0008	vinyl sheet flooring				Dissolved
8 - B	4" yellow square SV	None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10033067_0015	mastic				Dissolved
9	2x4 pin/fiss ACT	None Detected	40% Cellulose 40% Fiber Glass	20% Other	Gray Fibrous Heterogeneous
10033067_0009					Teased
10	2x4 pin/fiss ACT	None Detected	40% Cellulose 40% Fiber Glass	20% Other	Gray Fibrous Heterogeneous
10033067_0010					Teased
11	2x4 pin/fiss ACT	None Detected	40% Fiber Glass 40% Cellulose	20% Other	Gray Fibrous Heterogeneous
10033067_0011					Teased
12	Roof system	None Detected	10% Fiber Glass	90% Other	Black Non-Fibrous Heterogeneous
10033067_0012					Dissolved
13	Roof system	None Detected	10% Fiber Glass	90% Other	Black Non-Fibrous Heterogeneous
10033067_0013					Dissolved

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Eloisa Blake (15)

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: 10033067
 Client Code: _____

Company Contact Information

Company: Pilot	Contact: Matt Carter
Address:	Phone <input type="checkbox"/> :
	Fax <input type="checkbox"/> :
	Email <input checked="" type="checkbox"/> :

Billing/Invoice Information

Company:	90 Min. <input type="checkbox"/>	48 Hours <input checked="" 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 type="checkbox"/>	144+ Hours <input type="checkbox"/>

PO Number: _____

Project Name/Number: 511 Club Rd

Asbestos Test Types

PLM EPA 600/R-93/116 (PLM)	<input checked="" type="checkbox"/>
<i>Positive stop</i>	<input checked="" 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 D5755-09	<input type="checkbox"/>
TEM Water EPA 100.2 (TW1)	<input type="checkbox"/>
Other: _____	<input type="checkbox"/>

Sample ID #	Description/Location	Volume/Area	Comments
	<u>See attached</u>		

Total # of Samples _____

Relinquished by	Date/Time	Received by	Date/Time
<u>M Blanton</u>	<u>9/19/23</u>	<u>[Signature]</u>	<u>9/20/23</u> <u>3:25p</u>

