



July 18, 2023

Ms. Marcie Campbell
Town of Kernersville
P.O. Box 728
Kernersville, North Carolina 27285

Reference: Asbestos Survey
225 Pitts Street
Kernersville, North Carolina
Pilot Project 9760

Dear Ms. Campbell:

Pilot Environmental, Inc. (Pilot) has completed the asbestos survey at the above referenced property. The site consists of a single-family residence located at 225 Pitts Street in Kernersville, North Carolina. The residence was vacant at the time of our assessment.

Pilot understands that the structure is being evaluated for demolition. Pilot personnel completed the survey on July 14, 2023, to identify the location of asbestos containing materials (ACM) on the interior and exterior of the building prior to demolition. 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 residence is a single family structure with a pitched, shingle roof system and crawlspace. The exterior of the building contains aluminum over asphalt shingle siding with wood framed windows. The interior of the structure contains carpet, hardwood and sheet vinyl floors; drywall and wood panel walls; and, acoustical tile and drywall ceilings. Visible piping/ductwork was either uninsulated or insulated with fiberglass.

Nineteen 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 nineteen 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. The asbestos containing materials identified are included in the following ACM table.

ACM TABLE 225 Pitts Street				
Sample ID	Sample Description/Location/Extent	Asbestos Content	Friability/Condition	Recommendation
1 2 3	Joint compound/Located on drywall ceilings and walls throughout the residence/NQ	DW = ND JC = 3% Chry	F/Good	Remove prior to demolition

Chry = Chrysotile F = Friable ND = None Detected JC = Joint Compound DW = Drywall
 NQ = Not Quantified

Several materials were sampled from the building that were determined to be non-asbestos containing. These materials include:

- Drywall;
- Various acoustical ceiling tiles;
- Sheet vinyl flooring;
- Window glazing;
- Roof system; and,
- Asphalt shingle siding.

The ACM should be removed by a licensed abatement contractor using accredited asbestos workers prior to being disturbed by demolition. The abatement must be performed in accordance with State, local and federal regulations including OSHA, 29 CFR 1910 and 1926, and NESHAP regulations 40 CFR 61, subpart M.

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 additional 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.

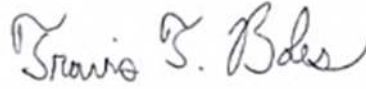
Pilot Project 9760
Asbestos Survey
225 Pitts Street
July 18, 2023

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 at (336) 310-4527.

Sincerely,



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



Travis T. Boles
Project Manager
NC Asbestos Inspector No. 12967

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
 Nicole Allred

Lab Order ID: 10027774

Analysis: PLM

Date Received: 07/14/2023

Date Reported: 07/18/2023

Project: PEI - 9760

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
1	DW/JC	<1% Chrysotile		100% Other	Gray, Beige Non-Fibrous Homogeneous
10027774_0001	<i>drywall: none detect; joint compound: 3% Chrysotile</i>				Crushed
2	DW/JC	<1% Chrysotile		100% Other	Beige, Gray Non-Fibrous Homogeneous
10027774_0002	<i>drywall: none detect; joint compound: 3% Chrysotile</i>				Crushed
3	DW/JC	<1% Chrysotile		100% Other	Gray, Beige Non-Fibrous Homogeneous
10027774_0003	<i>drywall: none detect; joint compound: 3% Chrysotile</i>				Crushed
4	1'x1' ACT	None Detected	99% Cellulose	1% Other	Brown Fibrous Homogeneous
10027774_0004					Teased
5	1'x1' ACT	None Detected	99% Cellulose	1% Other	Brown Fibrous Homogeneous
10027774_0005					Teased
6	1'x1' ACT	None Detected	99% Cellulose	1% Other	Brown Fibrous Homogeneous
10027774_0006					Teased
7	18"x18" ACT	None Detected	99% Cellulose	1% Other	Brown Fibrous Homogeneous
10027774_0007					Teased
8	18"x18" ACT	None Detected	99% Cellulose	1% Other	Brown Fibrous Homogeneous
10027774_0008					Teased

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%.

Lachlan Krenz (19)

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
Nicole Allred

Lab Order ID: 10027774
Analysis: PLM
Date Received: 07/14/2023
Date Reported: 07/18/2023

Project: PEI - 9760

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
9	18"x18" ACT	None Detected	99% Cellulose	1% Other	Brown Fibrous Homogeneous
10027774_0009					Teased
10	SV	None Detected		100% Other	Beige Non-Fibrous Homogeneous
10027774_0010					Ashed
11	SV	None Detected		100% Other	Beige Non-Fibrous Homogeneous
10027774_0011					Ashed
12	Window glazing	None Detected		100% Other	Tan Non-Fibrous Homogeneous
10027774_0012					Crushed, Dissolved
13	Window glazing	None Detected		100% Other	Tan Non-Fibrous Homogeneous
10027774_0013					Crushed, Dissolved
14	Roof system	None Detected	20% Fiber Glass	80% Other	Black Non-Fibrous Heterogeneous
10027774_0014					Crushed, Dissolved
15	Roof system	None Detected	20% Fiber Glass	80% Other	Black Non-Fibrous Homogeneous
10027774_0015					Crushed, Dissolved
16	Shingle siding brick	None Detected	70% Cellulose	30% Other	Black Fibrous Heterogeneous
10027774_0016					Crushed, 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%.

Lachlan Krenz (19)

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
Nicole Allred

Lab Order ID: 10027774

Analysis: PLM

Date Received: 07/14/2023

Date Reported: 07/18/2023

Project: PEI - 9760

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
17	Shingle siding brick	None Detected	70% Cellulose	30% Other	Black Fibrous Heterogeneous
10027774_0017					Crushed, Dissolved
18	Shingle siding brick corrugated	None Detected	70% Cellulose	30% Other	Black Fibrous Heterogeneous
10027774_0018					Crushed, Dissolved
19	Shingle siding brick corrugated	None Detected	70% Cellulose	30% Other	Black Fibrous Heterogeneous
10027774_0019					Dissolved, Crushed

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%.

Lachlan Krenz (19)

Analyst

Approved Signatory

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888



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: 10027774
 Client Code: _____

Company Contact Information	
Company: Pilot Environmental	Contact: Matt Carter / <u>Nicole</u>
Address: PO Box 128 Kernersville, NC 27284	Phone <input type="checkbox"/> : (336) 701-9052
	Fax <input type="checkbox"/> :
	Email <input type="checkbox"/> : mcarter@pilotenviro.com
Billing/Invoice Information	Turn Around Times
Company: SAME	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"/>

Asbestos Test Types	
PLM EPA 600/R-93/116 (PLM)	<input checked="" type="checkbox"/>
Positive stop	<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"/>

PO Number: _____
 Project Name/Number: PEI - 9762

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

Accepted
 Rejected

Total # of Samples _____

Relinquished by	Date/Time	Received by	Date/Time
<u>N. Allreel</u>	<u>7/14</u>	<u>CA</u>	<u>7/14/23</u>

2:15

