



# PEARCE

ENVIRONMENTAL INC.

September 11, 2020

Tyler Cooper  
Wynn Site Development, Inc.  
165 Sommerville Park Rd.  
Raleigh, NC 27603

Subject: Asbestos Survey Report  
1800 Ballard Road  
Fuquay-Varina, NC  
PEI Job #: PE200912

Dear Mrs. Cooper:

Pearce Environmental, Inc. is pleased to present this report for the survey to identify Asbestos-Containing Materials (ACM) at the referenced property. This report contains project information, survey procedures and survey results. The survey was performed on September 10, 2020 by Pearce Environmental's Inspector Josh Pearce (North Carolina Asbestos Inspector No. 12361).

## ASBESTOS SURVEY PROCEDURES

We understand that there are two barns, one standing house and one house that was previously demolished. Most of the debris from the previously demolished house has been hauled away. Both friable and non-friable suspect ACM were considered during the course of the survey. Friable materials are those materials which can be pulverized or reduced to powder by hand pressure. A sampling strategy was determined and bulk samples of suspect ACM were obtained. Suspect ACM's were grouped based on material homogeneity. A homogeneous area is an area which contains materials that seem by texture, color and wear to be uniform and applied during the same general time period. There were **no** suspect building materials in the two barns and no samples were collected in the barns.

To determine the presence or absence of asbestos content in the suspect materials, samples were collected and transported to Eurofins CEI located in Cary, North Carolina under chain-of-custody documentation for laboratory analysis. The collected samples were placed into individual sample containers, sealed and a unique identification number was assigned to the sample container at the time of collection.

## ANALYSIS PROCEDURES AND RESULTS

The collected asbestos samples were analyzed using Polarized Light Microscopy (PLM) in conjunction with dispersion staining techniques using EPA Method 600/M4-82-020 per 40 CFR 763. The bulk laboratory analysis provided the asbestos content (positive or negative), percentage of asbestos, asbestos type and identification of other non-asbestos fibers. A material is considered to be Asbestos-Containing if greater than 1% asbestos is found in the material. Results are presented in the table below as well as the attached "**Laboratory Analysis Report**".

**ASBESTOS SURVEY RESULTS**

SAMPLE ID NO.	MATERIAL DESCRIPTION	SAMPLE LOCATION	TYPE AND PERCENTAGE OF ASBESTOS
<b>Previously Demolished House</b>			
1800-1 1800-2	Felt Paper	Debris Pile	None Detected
1800-3 1800-4	Shingle	Debris Pile	None Detected
<b>White House</b>			
<b>1800-5</b> <b>1800-6</b>	<b>Window Glazing</b>	<b>Rear Front</b>	<b>0-2% Chrysotile</b>
1800-7 1800-8	Yellow Vinyl Sheet Flooring	Kitchen	None Detected
1800-9 1800-10	Blue Floor Tile with Tan Mastic	Bath Bedroom	Floor Tile - None Detected Mastic - None Detected
1800-11 1800-12	White Floor Tile with Tan Mastic	Bedroom	Floor Tile - None Detected Mastic - None Detected
1800-13 1800-14	1'x 1' Ceiling Tile	Bedroom Front Room	None Detected
1800-15 1800-16	Wallboard with Joint Compound	Dining Room	<1% Chrysotile

Based on laboratory analysis, the following materials are considered **Asbestos-Containing**.

- **Window Glazing – Approx. 10 Windows**

**QUALIFICATIONS**

The National Emissions Standard for Hazardous Air Pollutants (NESHAP) requires the removal of asbestos-containing materials prior to renovation or demolition activities, which would disturb them. Pearce Environmental recommends that asbestos removal be performed by a qualified asbestos abatement contractor, using North Carolina accredited personnel, in accordance with applicable federal, state, and local regulations governing the removal of asbestos-containing materials.

Current EPA regulations do not regulate the removal of building materials with trace amounts (<1%) of asbestos. However, OSHA regards materials with any amount of asbestos to be a potential exposure hazard if the material is disturbed. Therefore, work practices specified in the OSHA Standard (CFR 29 1962.1101) must be followed if the materials are disturbed, removed or demolished. Proper training and personal protection measures are also required as specified in the OSHA Standards.

This report summarizes Pearce Environmental's evaluation of the conditions observed at the subject property during the course of the survey. Our findings are based upon our observations at the property and analyses of the samples obtained at the time of this survey. Additional asbestos-containing materials may exist (undetected) in other portions of the structure due to inaccessibility or due to an undetectable change in materials or in areas not included in the scope of this survey. Any conditions discovered which deviate from the data contained in this report should be presented to us for our evaluation.

Pearce Environmental appreciates the opportunity to have provided these services. We would be glad to discuss any of the results contained in this report, at your convenience. If there are any questions concerning this report or results, please contact us.

Sincerely,  
**PEARCE ENVIRONMENTAL, INC.**

A handwritten signature in black ink, appearing to read "Josh Pearce", written over a circular stamp or seal.

Josh Pearce  
President

Attachments:            Laboratory Analysis Report





CEI

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** Pearce Environmental  
83 Jennifer Lane  
Sanford, NC 27330

**Lab Code:** B206062  
**Date Received:** 09-10-20  
**Date Analyzed:** 09-10-20  
**Date Reported:** 09-11-20

**Project:** 1800 Ballard Rd

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
1800-1 B100250	Felt Paper	Heterogeneous Black Fibrous Bound	70%	Cellulose	30%	Tar	None Detected
1800-2 B100251	Felt Paper	Heterogeneous Black Fibrous Bound	70%	Cellulose	30%	Tar	None Detected
1800-3 B100252	Shingle	Heterogeneous Black Fibrous Bound	30%	Fiberglass	45%	Tar Gravel	None Detected
1800-4 B100253	Shingle	Heterogeneous Black Fibrous Bound	30%	Fiberglass	45%	Tar Gravel	None Detected
1800-5 B100254	Window Glazing	Heterogeneous Gray Fibrous Bound	<1%	Talc	70%	Binder Calc Carb Paint	None Detected
1800-6 B100255	Window Glazing	Heterogeneous Gray Fibrous Bound	<1%	Talc	70%	Binder Calc Carb Paint	<b>2% Chrysotile</b>
1800-7 B100256	Vinyl Sheet Flooring	Heterogeneous Yellow Fibrous Bound	25%	Cellulose	70%	Vinyl Binder	None Detected



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Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>1800-8</b> B100257	Vinyl Sheet Flooring	Heterogeneous Yellow Fibrous Bound	25%	Cellulose	70%	Vinyl Binder	None Detected
<b>1800-9</b> B100258A	Floor Tile	Heterogeneous Blue Fibrous Bound			100%	Vinyl	None Detected
B100258B	Mastic	Heterogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected
<b>1800-10</b> B100259A	Floor Tile	Heterogeneous Blue Fibrous Bound			100%	Vinyl	None Detected
B100259B	Mastic	Heterogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected
<b>1800-11</b> B100260A	Floor Tile	Heterogeneous White Non-fibrous Bound			100%	Vinyl	None Detected
B100260B	Mastic	Heterogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected



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Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>1800-12</b> B100261A	Floor Tile	Heterogeneous White Non-fibrous Bound	100%	Cellulose	0%	Vinyl	None Detected
B100261B	Mastic	Heterogeneous Tan Non-fibrous Bound	100%	Cellulose	0%	Mastic	None Detected
<b>13</b> B100262	Ceiling Tile	Heterogeneous White Fibrous Bound	95%	Cellulose	5%	Paint	None Detected
<b>14</b> B100263	Ceiling Tile	Heterogeneous White Fibrous Bound	95%	Cellulose	5%	Paint	None Detected
<b>15</b> B100264	Wallboard/Joint Compound	Heterogeneous Tan Fibrous Bound	20%	Cellulose	65%	Gypsum 10% Calc Carb 5% Paint	<1% Chrysotile
Lab Notes: 2% Chrysotile in joint compound only; <1% overall							
<b>16</b> B100265	Wallboard/Joint Compound	Heterogeneous Tan Fibrous Bound	20%	Cellulose	65%	Gypsum 10% Calc Carb 5% Paint	<1% Chrysotile
Lab Notes: 2% Chrysotile in joint compound only; <1% overall							

EXPERIENCED

PROFESSIONAL

# A B CONTROL, INC.

P. O. BOX 505      CARY, NC 27512  
919-363-7575      FAX 363-7676

January 18, 2021

Tyler Cooper  
Wynn Site Development, Inc.  
165 Sommerville Park Rd.  
Raleigh, NC 27603

Dear Mr. Cooper:

As you know, our firm was contracted to remove the identified asbestos-containing materials (metal roofing and chimney mastic) from the **vacant house at 1370 Ballard Road in Fuquay-Varina** as referenced in the survey report by Pearce Environmental Inc.

I am writing to inform you that these materials have been removed, and the structure is ready for demolition in this regard.

Additional project records (invoice, disposal manifest, etc.) will be forwarded to you soon as well.

Please don't hesitate to call if you have any questions or we can be of further assistance.

Respectfully,



Jeff Brewer

Project Manager

NC Asbestos Inspector #11988