



Email: jrrogers@wilsonnc.org

November 12, 2021

Mr. Jonathan Rogers
Community Improvement Special Project Coordinator
City of Wilson – Inspections Department
112 Goldsboro Street East
Wilson, North Carolina 27893

**SUBJECT: Report of Asbestos Survey
Former Church and Four Structures
316 Tarboro Street West
Wilson, North Carolina**

Dear Mr. Rogers:

SynTerra Corporation (SynTerra) submits this report to document the asbestos survey we conducted at the referenced site. The purpose of the survey is to determine if asbestos-containing materials (ACM) are present at the site prior to demolition.

Site Description

The subject site consist of a former church, two wooden sheds, a two-story dugout, and a two-story field house. The 13,828-square-foot church was constructed in 1951 and includes a fellowship hall, sanctuary, restrooms, kitchen, classrooms, basement, and crawl space. SynTerra was informed that an addition was built on to the church after 1951.

Field Activities

On November 2, 2021, SynTerra collected 58 samples of suspect ACM in general accordance with United States Environmental Protection Agency (USEPA) sampling requirements for ACM in schools (40 CFR 763, Subpart E and Appendices), as applicable. We submitted the samples to Eurofins CEI in Cary, North Carolina to be tested for asbestos by polarized light microscopy using USEPA Method 600/R-93/116. Eurofins CEI is accredited under the National Voluntary Accreditation Program Lab Code 101768-0. The laboratory report is attached.

Results

Asbestos was identified in eight samples collected:

Sample ID	Material Description	Location	Percent / Type Asbestos	Quantity ¹
5	Black mastic	On non-acm fiberglass pipe insulation above the drop ceiling throughout	10% Chrysotile	100 linear feet
13	White popcorn ceiling texture	On non-acm plaster ceiling in the Fellowship Hall	2% Chrysotile	600 square feet
19	Silver light fixture paper	Underneath incandescent light fixtures in restrooms and closets	65% Chrysotile	8 light fixtures
24	Brown 9" x 9" floor tile	In two classrooms in the older section of the building	5% Chrysotile	500 square feet
26	Gray 9" x 9" floor tile	In classrooms and underneath carpet in the hallway of the older section of the building	5% Chrysotile	1,100 square feet
35	Gray pipe elbow	On pipes in the basement and crawl space	65% Chrysotile	20 elbows
36	White corrugated pipe insulation	On pipes in the basement and crawl space	65% Chrysotile	100 linear feet
38	Transite roof shingles	On roof of older section of the building	15% Chrysotile	4,500 square feet

Asbestos Inspector: David McIntyre NC HCCU Asbestos Inspector Accreditation No. 13267

¹Quantities are approximate.

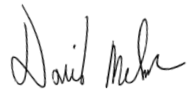
Recommendations

SynTerra recommends that the identified ACM be removed by a NC-licensed asbestos-abatement contractor prior to activities including renovation or demolition, which may disturb the materials.

We appreciate this opportunity to provide services to City of Wilson. Please contact David McIntyre at 252-903-1446 or (dmcintyre@synterracorp.com) if you have any questions or require additional information.

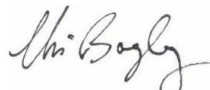
Sincerely,

SynTerra




David McIntyre
Industrial Hygiene Field Technician
NC Asbestos Inspector #13267

Senior Peer Review



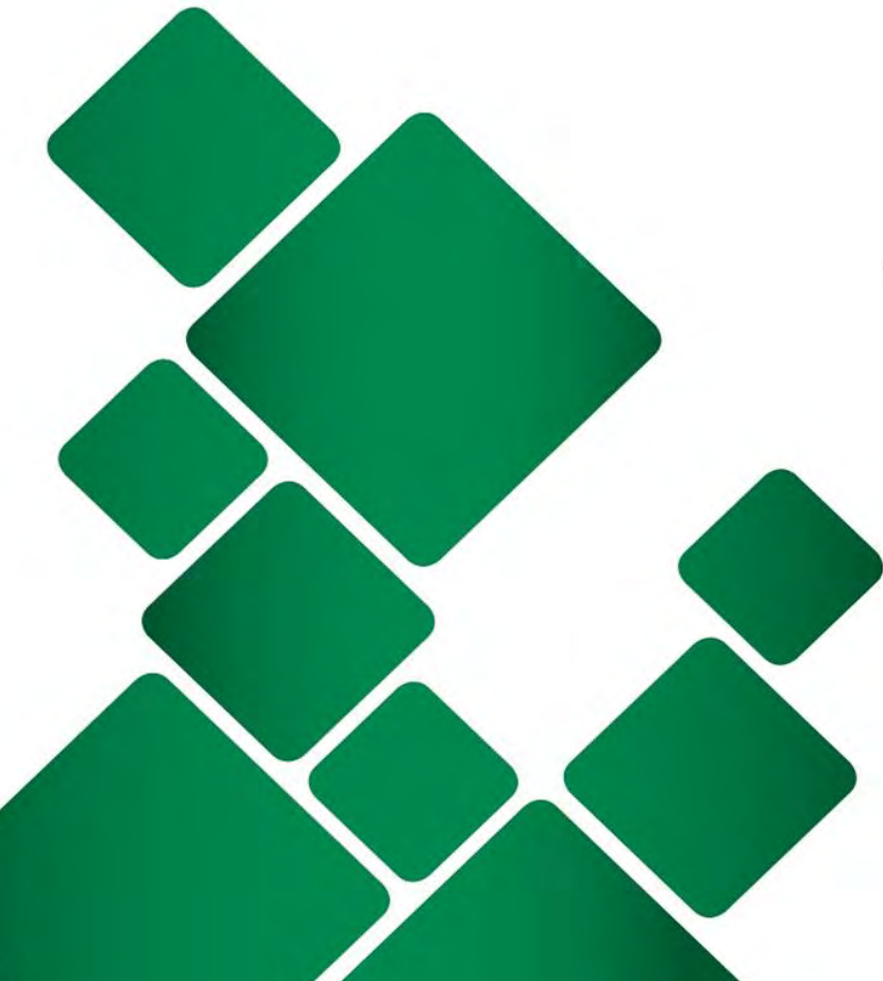
Chris Bagley, P.E. CIH, CHMM, QEP
Senior Engineer / Senior Industrial Hygienist



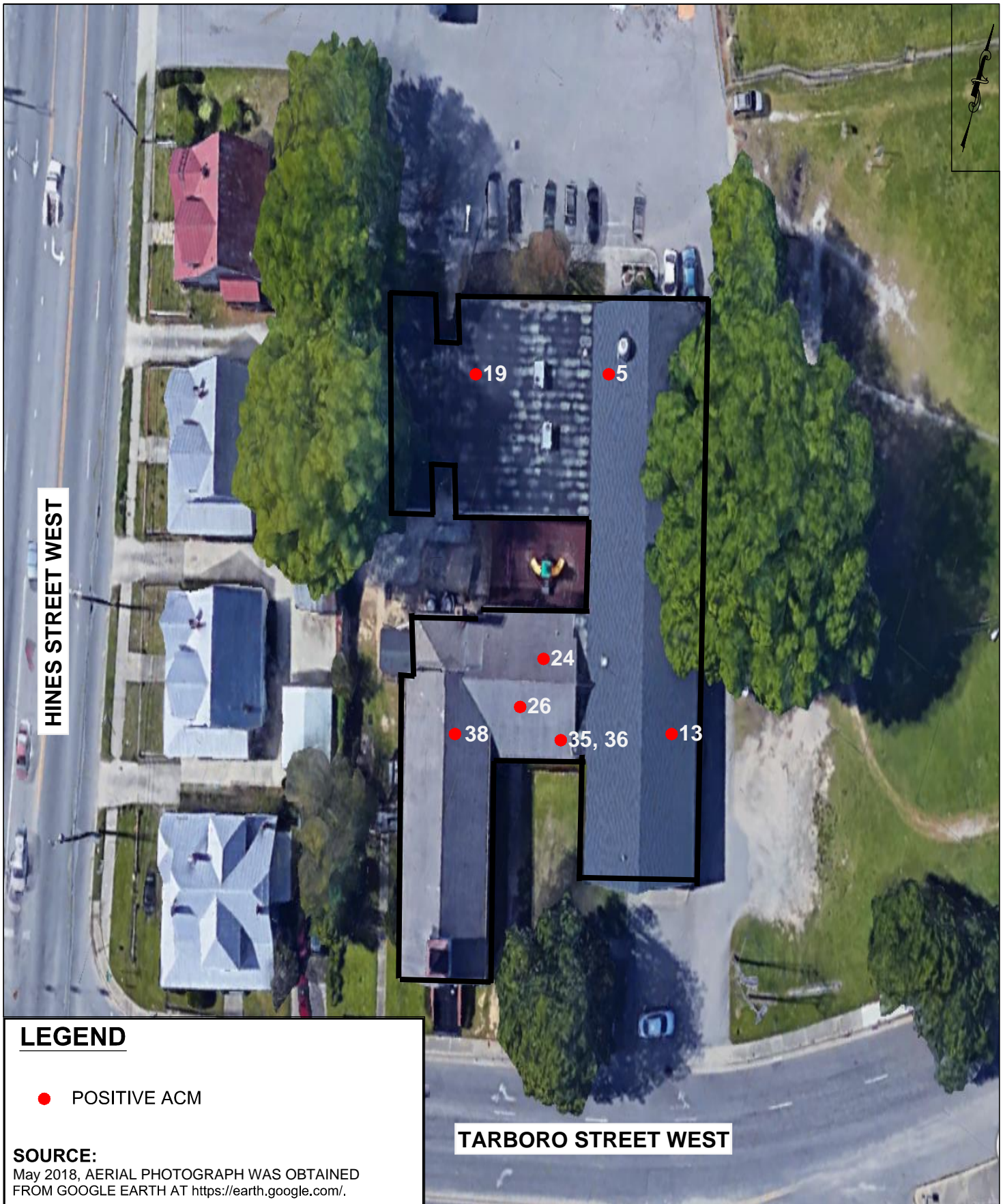
Doug Weaver
Director of Operations – IH
NC Asbestos Inspector #12436

Attachments: APPENDIX A – Site Diagram
 APPENDIX B – Laboratory Report

APPENDIX A
Site Diagram



Science & Engineering Consultants



HINES STREET WEST

TARBORO STREET WEST

LEGEND

● POSITIVE ACM

SOURCE:

May 2018, AERIAL PHOTOGRAPH WAS OBTAINED FROM GOOGLE EARTH AT <https://earth.google.com/>.



NOT TO SCALE

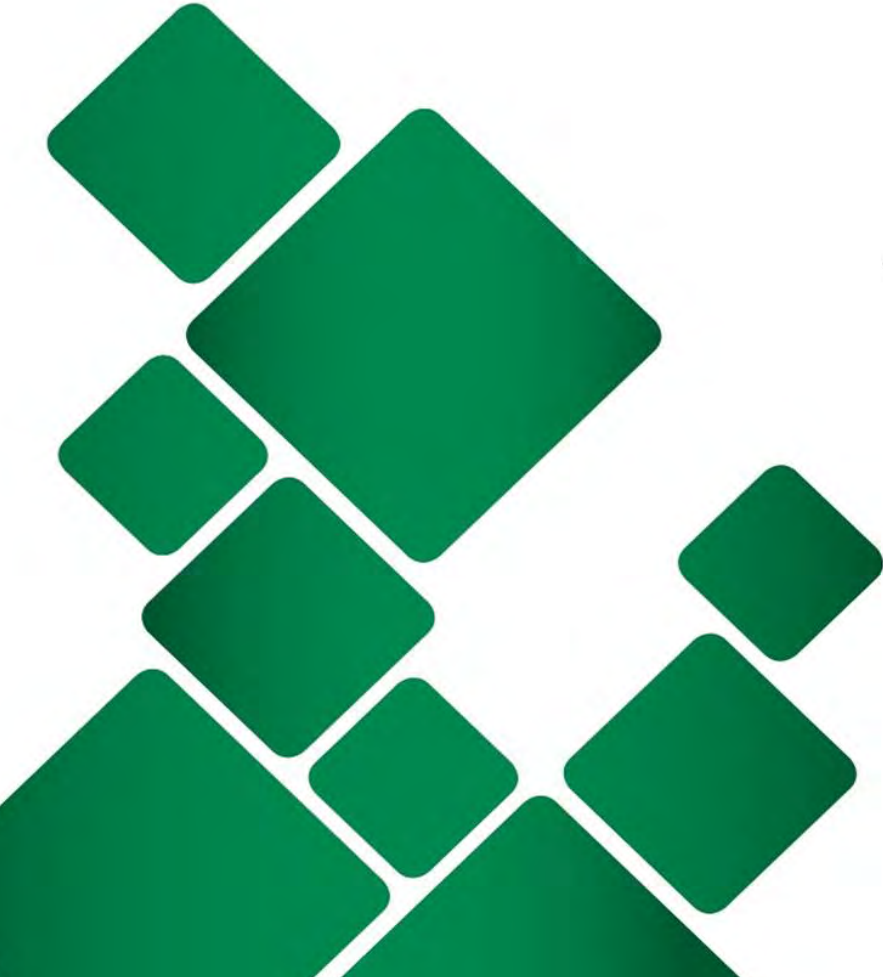
511 KEISLER DRIVE, SUITE 102
 CARY, NORTH CAROLINA 27518
 PHONE 919-858-9898
 www.synterracorp.com

DRAWN BY: D. MCINTYRE
 PROJECT MANAGER: R. WHITMER
 LAYOUT: FIG 1
 11/04/2021 11:22 AM

DATE: 11/04/2021

**FIGURE 1
 SITE DIAGRAM
 ASBESTOS-CONTAINING MATERIAL (ACM)
 SURVEY
 CITY OF WILSON
 316 TARBORO STREET WEST
 WILSON, NORTH CAROLINA**

APPENDIX B
Laboratory Report



Science & Engineering Consultants

November 3, 2021

SynTerra

511 Keisler Drive Suite 102
Cary, NC 27518

CLIENT PROJECT: 316 Tarboro St W, 00.4475.00
CEI LAB CODE: B2110494

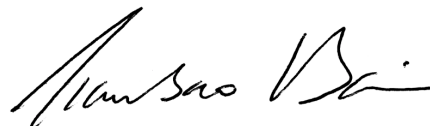
Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on November 2, 2021. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

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% asbestos by weight as determined by visual estimation.

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

Kind Regards,



Tianbao Bai, Ph.D., CIH
Laboratory Director

ASBESTOS ANALYTICAL REPORT

By: Polarized Light Microscopy

Prepared for

SynTerra

CLIENT PROJECT: 316 Tarboro St W, 00.4475.00

LAB CODE: B2110494

TEST METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORT DATE: 11/03/21

TOTAL SAMPLES ANALYZED: 55

SAMPLES >1% ASBESTOS: 8

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: 316 Tarboro St W, 00.4475.00

LAB CODE: B2110494

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
1		B167820A	Black	Cove Base	None Detected
	Layer 1	B167820B	Tan	Mastic	None Detected
	Layer 2	B167820B	Brown	Mastic	None Detected
2		B167821A	Black	Cove Base	None Detected
	Layer 1	B167821B	Tan	Mastic	None Detected
	Layer 2	B167821B	Brown	Mastic	None Detected
3		B167822	Gray,White	Ceiling Tile	None Detected
4		B167823	Gray,White	Ceiling Tile	None Detected
5		B167824	Black	Mastic	Chrysotile 10%
6		B167825		Sample Not Analyzed per COC	
7		B167826	Gray,Brown	Tectum Roof Board	None Detected
8		B167827	Gray,Brown	Tectum Roof Board	None Detected
9		B167828	Gray,Brown	Tectum Roof Board	None Detected
10	Layer 1	B167829	Blue,White	Paint	None Detected
	Layer 2	B167829	White	Block Filler	None Detected
11	Layer 1	B167830	Blue,White	Paint	None Detected
	Layer 2	B167830	White	Block Filler	None Detected
12	Layer 1	B167831	Blue,White	Paint	None Detected
	Layer 2	B167831	White	Block Filler	None Detected
13	Layer 1	B167832	White	Texture	Chrysotile 2%
	Layer 2	B167832	White	Plaster Skim Coat	None Detected
	Layer 3	B167832	Gray	Plaster Base Coat	None Detected
14		B167833		Sample Not Analyzed per COC	
15		B167834		Sample Not Analyzed per COC	
16	Layer 1	B167835	White	Plaster Skim Coat	None Detected
	Layer 2	B167835	Gray	Plaster Base Coat	None Detected
17	Layer 1	B167836	White	Plaster Skim Coat	None Detected
	Layer 2	B167836	Gray	Plaster Base Coat	None Detected
18	Layer 1	B167837	White	Plaster Skim Coat	None Detected
	Layer 2	B167837	Gray	Plaster Base Coat	None Detected
19		B167838	Gray,Silver	Light Fixture Paper	Chrysotile 65%



CEI

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: 316 Tarboro St W, 00.4475.00

LAB CODE: B2110494

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
20		B167839	Gray,White	Ceiling Tile	None Detected
21		B167840	Gray,White	Ceiling Tile	None Detected
22		B167841	Gray	Safe Door Coating	None Detected
23	Layer 1	B167842	Brown,Silver	Pipe Wrap	None Detected
	Layer 2	B167842	Yellow	Fiberglass Insulation	None Detected
24		B167843A	Brown	Floor Tile	Chrysotile 5%
		B167843B	Black	Mastic	None Detected
25		B167844A		Sample Not Analyzed per COC	
		B167844B	Black	Mastic	None Detected
26	Layer 1	B167845A	Yellow	Mastic	None Detected
	Layer 2	B167845A	Gray	Floor Tile	Chrysotile 5%
		B167845B	Black	Mastic	None Detected
27		B167846A		Sample Not Analyzed per COC	
		B167846B	Black	Mastic	None Detected
28		B167847	White,Gray	Ceiling Insulation	None Detected
29		B167848	White,Gray	Ceiling Insulation	None Detected
30		B167849	Brown,White	Ceiling Tile	None Detected
31		B167850	Brown,White	Ceiling Tile	None Detected
32		B167851A	Dark Brown, Gray	Floor Tile	None Detected
		B167851B	Clear	Mastic	None Detected
33		B167852	Gray	Drywall	None Detected
34		B167853	Gray	Drywall	None Detected
35		B167854	Gray	Pipe Elbow	Chrysotile 65%
36		B167855	Gray	Corrugated Pipe Insulation	Chrysotile 65%
37		B167856	Gray	Pipe Elbow	None Detected
38	Layer 1	B167857	Gray	Transite Roof	Chrysotile 15%
	Layer 2	B167857	Black	Tarpaper	None Detected
39	Layer 1	B167858	White,Black	Roof Shingle	None Detected
	Layer 2	B167858	Black	Tarpaper	None Detected
40	Layer 1	B167859	White,Black	Roof Shingle	None Detected

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: 316 Tarboro St W, 00.4475.00

LAB CODE: B2110494

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
	Layer 2	B167859	Black	Tarpaper	None Detected
41	Layer 1	B167860	Black	Roof Core - Rubber Membrane	None Detected
	Layer 2	B167860	Brown	Roof Core - Insulation	None Detected
42		B167861	Brown,White	Ceiling Tile	None Detected
43		B167862	Brown,White	Ceiling Tile	None Detected
44	Layer 1	B167863	White	Plaster Skim Coat	None Detected
	Layer 2	B167863	Gray	Plaster Base Coat	None Detected
45	Layer 1	B167864	White	Plaster Skim Coat	None Detected
	Layer 2	B167864	Gray	Plaster Base Coat	None Detected
46	Layer 1	B167865	White	Plaster Skim Coat	None Detected
	Layer 2	B167865	Gray	Plaster Base Coat	None Detected
47		B167866	White,Black	Roof Shingle	None Detected
48		B167867	White	Window Glazing	None Detected
49		B167868	Black	Roof Shingle	None Detected
50		B167869	White	Concrete Siding	None Detected
51		B167870	White	Concrete Siding	None Detected
52		B167871	Gray,Tan	HVAC Mastic	None Detected
53		B167872	White	Drywall	None Detected
54		B167873	White	Sink Undercoating	None Detected
55		B167874	White	Ceiling Insulation	None Detected
56		B167875	Black	Roof Shingle	None Detected
57		B167876	Black	Roof Shingle	None Detected
58		B167877	Black	Roof Shingle	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: SynTerra
 511 Keisler Drive Suite 102
 Cary, NC 27518

Lab Code: B2110494
Date Received: 11-02-21
Date Analyzed: 11-03-21
Date Reported: 11-03-21

Project: 316 Tarboro St W, 00.4475.00

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
1 B167820A	Cove Base	Homogeneous			100%	Vinyl	None Detected
		Black Non-fibrous Bound					
Layer 1 B167820B	Mastic	Homogeneous			100%	Mastic	None Detected
		Tan Non-fibrous Bound					
Layer 2 B167820B	Mastic	Heterogeneous	3%	Talc	70%	Mastic	None Detected
		Brown Fibrous Bound			27%	Binder	
2 B167821A	Cove Base	Homogeneous			100%	Vinyl	None Detected
		Black Non-fibrous Bound					
Layer 1 B167821B	Mastic	Homogeneous			100%	Mastic	None Detected
		Tan Non-fibrous Bound					
Layer 2 B167821B	Mastic	Heterogeneous	3%	Talc	70%	Mastic	None Detected
		Brown Fibrous Bound			27%	Binder	
3 B167822	Ceiling Tile	Heterogeneous	70%	Cellulose	2%	Paint	None Detected
		Gray,White Fibrous Bound	10%	Fiberglass	18%	Perlite	

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Project: 316 Tarboro St W, 00.4475.00

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
4 B167823	Ceiling Tile	Heterogeneous Gray,White Fibrous Bound	70%	Cellulose	2%	Paint	None Detected
			10%	Fiberglass	18%	Perlite	
5 B167824	Mastic	Heterogeneous Black Fibrous Bound			90%	Tar	10% Chrysotile
6 B167825	Sample Not Analyzed per COC						
7 B167826	Tectum Roof Board	Heterogeneous Gray,Brown Fibrous Bound	85%	Cellulose	15%	Binder	None Detected
8 B167827	Tectum Roof Board	Heterogeneous Gray,Brown Fibrous Bound	85%	Cellulose	15%	Binder	None Detected
9 B167828	Tectum Roof Board	Heterogeneous Gray,Brown Fibrous Bound	85%	Cellulose	15%	Binder	None Detected
10 Layer 1 B167829	Paint	Homogeneous Blue,White Non-fibrous Bound			100%	Paint	None Detected
Layer 2 B167829	Block Filler	Homogeneous White Non-fibrous Bound			75%	Binder	None Detected
					25%	Silicates	

ASBESTOS BULK ANALYSIS

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Client: SynTerra
 511 Keisler Drive Suite 102
 Cary, NC 27518

Lab Code: B2110494
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Date Analyzed: 11-03-21
Date Reported: 11-03-21

Project: 316 Tarboro St W, 00.4475.00

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
11 Layer 1 B167830	Paint	Homogeneous Blue,White Non-fibrous Bound	100%	Paint	None Detected
	Layer 2 B167830	Block Filler Homogeneous White Non-fibrous Bound	75% 25%	Binder Silicates	None Detected
12 Layer 1 B167831	Paint	Homogeneous Blue,White Non-fibrous Bound	100%	Paint	None Detected
	Layer 2 B167831	Block Filler Homogeneous White Non-fibrous Bound	75% 25%	Binder Silicates	None Detected
13 Layer 1 B167832	Texture	Heterogeneous White Fibrous Bound	3% 80% 15%	Paint Binder Calc Carb	2% Chrysotile
	Layer 2 B167832	Plaster Skim Coat Heterogeneous White Non-fibrous Bound	75% 25%	Binder Calc Carb	None Detected
	Layer 3 B167832	Plaster Base Coat Heterogeneous Gray Non-fibrous Bound	55% 45%	Binder Silicates	None Detected
14 B167833	Sample Not Analyzed per COC				

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: SynTerra
 511 Keisler Drive Suite 102
 Cary, NC 27518

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Date Received: 11-02-21
Date Analyzed: 11-03-21
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Project: 316 Tarboro St W, 00.4475.00

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
15 B167834	Sample Not Analyzed per COC				
16 Layer 1 B167835	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound	75% 23% 2%	Binder Calc Carb Paint	None Detected
Layer 2 B167835	Plaster Base Coat	Heterogeneous Gray Non-fibrous Bound	55% 45%	Binder Silicates	None Detected
17 Layer 1 B167836	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound	75% 23% 2%	Binder Calc Carb Paint	None Detected
Layer 2 B167836	Plaster Base Coat	Heterogeneous Gray Non-fibrous Bound	55% 45%	Binder Silicates	None Detected
18 Layer 1 B167837	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound	75% 23% 2%	Binder Calc Carb Paint	None Detected
Layer 2 B167837	Plaster Base Coat	Heterogeneous Gray Non-fibrous Bound	55% 45%	Binder Silicates	None Detected
19 B167838	Light Fixture Paper	Heterogeneous Gray, Silver Fibrous Bound	35%	Cellulose	65% Chrysotile

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: SynTerra
 511 Keisler Drive Suite 102
 Cary, NC 27518

Lab Code: B2110494
Date Received: 11-02-21
Date Analyzed: 11-03-21
Date Reported: 11-03-21

Project: 316 Tarboro St W, 00.4475.00

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
20 B167839	Ceiling Tile	Heterogeneous	70%	Cellulose	2%	Paint	None Detected
		Gray,White Fibrous Bound	10%	Fiberglass	18%	Perlite	
21 B167840	Ceiling Tile	Heterogeneous	70%	Cellulose	2%	Paint	None Detected
		Gray,White Fibrous Bound	10%	Fiberglass	18%	Perlite	
22 B167841	Safe Door Coating	Heterogeneous			90%	Binder	None Detected
		Gray Non-fibrous Bound			10%	Calc Carb	
23 Layer 1 B167842	Pipe Wrap	Heterogeneous	70%	Cellulose	10%	Mastic	None Detected
		Brown,Silver Fibrous Bound	15%	Fiberglass	5%	Metal Foil	
Layer 2 B167842	Fiberglass Insulation	Homogeneous	100%	Fiberglass			None Detected
24 B167843A	Floor Tile	Heterogeneous			60%	Binder	5% Chrysotile
		Brown Fibrous Bound			20%	Vinyl	
B167843B	Mastic	Heterogeneous	55%	Cellulose	45%	Tar	None Detected
		Black Fibrous Bound					
25 B167844A	Sample Not Analyzed per COC						

ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous	Non-Fibrous			
B167844B	Mastic	Heterogeneous Black Fibrous Bound	55%	Cellulose	45%	Tar	None Detected
26 Layer 1 B167845A	Mastic	Heterogeneous Yellow Non-fibrous Bound			100%	Mastic	None Detected
Layer 2 B167845A	Floor Tile	Heterogeneous Gray Fibrous Bound			60%	Binder	5% Chrysotile
					20%	Vinyl	
					15%	Calc Carb	
B167845B	Mastic	Homogeneous Black Non-fibrous Bound			100%	Tar	None Detected
27 B167846A	Sample Not Analyzed per COC						
B167846B	Mastic	Homogeneous Black Non-fibrous Bound			100%	Tar	None Detected
28 B167847	Ceiling Insulation	Homogeneous White, Gray Fibrous Loosely Bound	100%	Fiberglass			None Detected
29 B167848	Ceiling Insulation	Homogeneous White, Gray Fibrous Loosely Bound	100%	Fiberglass			None Detected

ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
30 B167849	Ceiling Tile	Heterogeneous Brown,White Fibrous Bound	98%	Cellulose	2%	Paint	None Detected
31 B167850	Ceiling Tile	Heterogeneous Brown,White Fibrous Bound	98%	Cellulose	2%	Paint	None Detected
32 B167851A	Floor Tile	Heterogeneous Dark Brown,Gray Non-fibrous Bound			75%	Vinyl	None Detected
B167851B	Mastic	Homogeneous Clear Non-fibrous Bound			25%	Binder	None Detected
33 B167852	Drywall	Heterogeneous Gray Fibrous Bound	100%	Mastic			None Detected
34 B167853	Drywall	Heterogeneous Gray Fibrous Bound	20%	Cellulose	80%	Gypsum	None Detected
35 B167854	Pipe Elbow	Heterogeneous Gray Fibrous Bound	10%	Cellulose	25%	Binder	65% Chrysotile

ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
36 B167855	Corrugated Pipe Insulation	Heterogeneous Gray Fibrous Bound	10%	Cellulose	25%	Binder	65% Chrysotile
37 B167856	Pipe Elbow	Heterogeneous Gray Fibrous Loosely Bound	15% 5%	Fiberglass Cellulose	80%	Binder	None Detected
38 Layer 1 B167857	Transite Roof	Heterogeneous Gray Fibrous Tightly Bound			35% 50%	Binder Silicates	15% Chrysotile
Layer 2 B167857	Tarpaper	Homogeneous Black Fibrous Bound	60%	Cellulose	40%	Tar	None Detected
39 Layer 1 B167858	Roof Shingle	Heterogeneous White,Black Fibrous Bound	45%	Fiberglass	40% 15%	Tar Gravel	None Detected
Layer 2 B167858	Tarpaper	Homogeneous Black Fibrous Bound	60%	Cellulose	40%	Tar	None Detected
40 Layer 1 B167859	Roof Shingle	Heterogeneous White,Black Fibrous Bound	45%	Fiberglass	40% 15%	Tar Gravel	None Detected

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Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS			ASBESTOS %	
			Fibrous	Non-Fibrous			
Layer 2 B167859	Tarpaper	Homogeneous Black Fibrous Bound	60%	Cellulose	40%	Tar	None Detected
41 Layer 1 B167860	Roof Core - Rubber Membrane	Homogeneous Black Non-fibrous Bound			100%	Rubber	None Detected
Layer 2 B167860	Roof Core - Insulation	Homogeneous Brown Fibrous Bound	100%	Cellulose			None Detected
42 B167861	Ceiling Tile	Heterogeneous Brown,White Fibrous Bound	98%	Cellulose	2%	Paint	None Detected
43 B167862	Ceiling Tile	Heterogeneous Brown,White Fibrous Bound	98%	Cellulose	2%	Paint	None Detected
44 Layer 1 B167863	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound			75%	Binder	None Detected
					23%	Calc Carb	
					2%	Paint	
Layer 2 B167863	Plaster Base Coat	Heterogeneous Gray Non-fibrous Bound			55%	Binder	None Detected
					45%	Silicates	

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: SynTerra
 511 Keisler Drive Suite 102
 Cary, NC 27518

Lab Code: B2110494
Date Received: 11-02-21
Date Analyzed: 11-03-21
Date Reported: 11-03-21

Project: 316 Tarboro St W, 00.4475.00

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS			ASBESTOS %	
			Fibrous		Non-Fibrous		
45 Layer 1 B167864	Plaster Skim Coat	Heterogeneous	75%	Binder	None Detected		
		White	23%	Calc Carb			
		Non-fibrous	2%	Paint			
		Bound					
Layer 2 B167864	Plaster Base Coat	Heterogeneous	55%	Binder	None Detected		
		Gray	45%	Silicates			
		Non-fibrous					
		Bound					
46 Layer 1 B167865	Plaster Skim Coat	Heterogeneous	75%	Binder	None Detected		
		White	23%	Calc Carb			
		Non-fibrous	2%	Paint			
		Bound					
Layer 2 B167865	Plaster Base Coat	Heterogeneous	55%	Binder	None Detected		
		Gray	45%	Silicates			
		Non-fibrous					
		Bound					
47 B167866	Roof Shingle	Heterogeneous	45%	Fiberglass	40%	Tar	None Detected
		White,Black			15%	Gravel	
		Fibrous					
		Bound					
48 B167867	Window Glazing	Heterogeneous	2%	Talc	70%	Binder	None Detected
		White			28%	Calc Carb	
		Non-fibrous					
		Bound					
49 B167868	Roof Shingle	Heterogeneous	55%	Cellulose	30%	Tar	None Detected
		Black			15%	Gravel	
		Fibrous					
		Bound					

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: SynTerra
 511 Keisler Drive Suite 102
 Cary, NC 27518

Lab Code: B2110494
Date Received: 11-02-21
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Project: 316 Tarboro St W, 00.4475.00

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS			ASBESTOS %
			Fibrous		Non-Fibrous	
50 B167869	Concrete Siding	Homogeneous	75%	Binder	None Detected	
		White Non-fibrous Bound	25%	Silicates		
51 B167870	Concrete Siding	Homogeneous	75%	Binder	None Detected	
		White Non-fibrous Bound	25%	Silicates		
52 B167871	HVAC Mastic	Heterogeneous	90%	Mastic	None Detected	
		Gray,Tan Non-fibrous Bound	10%	Binder		
53 B167872	Drywall	Heterogeneous	20%	Cellulose	None Detected	
		White Fibrous Bound	80%	Gypsum		
54 B167873	Sink Undercoating	Heterogeneous	5%	Cellulose	None Detected	
		White Fibrous Loosely Bound	85%	Binder		
55 B167874	Ceiling Insulation	Heterogeneous	5%	Cellulose	None Detected	
		White Fibrous Loosely Bound	85%	Binder		
56 B167875	Roof Shingle	Heterogeneous	55%	Cellulose	None Detected	
		Black Fibrous Bound	30%	Tar		
			15%	Gravel		

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: **SynTerra**
 511 Keisler Drive Suite 102
 Cary, NC 27518

Lab Code: B2110494
Date Received: 11-02-21
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Date Reported: 11-03-21

Project: 316 Tarboro St W, 00.4475.00

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibrous			Non-Fibrous	%
57 B167876	Roof Shingle	Heterogeneous	55%	Cellulose	30%	Tar	None Detected
		Black			15%	Gravel	
		Fibrous					
		Bound					
58 B167877	Roof Shingle	Heterogeneous	55%	Cellulose	30%	Tar	None Detected
		Black			15%	Gravel	
		Fibrous					
		Bound					

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

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORTING LIMIT: <1% by visual estimation

REPORTING LIMIT FOR POINT COUNTS: 0.25% by 400 Points or 0.1% by 1,000 Points

REGULATORY LIMIT: >1% by weight

Due to the limitations of the EPA 600 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.*

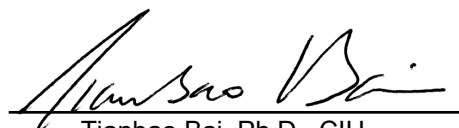
This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. 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.

ANALYST: _____


Justin Shu

APPROVED BY: _____


Tianbao Bai, Ph.D., CIH
Laboratory Director



CEI

CHAIN OF CUSTODY

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

ECEI Lab Code:
 ECEI Lab I.D. Range:

B2110494
 B167820-B167877

58

COMPANY INFORMATION	PROJECT INFORMATION
ECEI CLIENT #:	Job Contact: David McIntyre
Company: Synterra Corp	Email / Tel: dmcintyre@synterracorp.com
Address: 511 Reister Dr. STE 102 Cory NC	Project Name: 316 Tarboro St W
Billing Email:	Project ID#: 00.4475.00
Tel:	PO #:
	State of sample origin NC

ECEI standard terms are Net 30 days

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/R-93/116	<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/R-93/116	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (1000)	EPA 600/R-93/116	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAV w POINT COUNT	EPA 600/R-93/116	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM BULK	CARB 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 (PCME)	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 / EPA 600/R-93/116 Sec. 2.5.5.1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST WIPE	ASTM D6480-19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST MICROVAC	ASTM D5755-09 (2014)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM SOIL	ASTM D7521-16	<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"/>

*Blanks should be taken from the same sample lot as field samples.

REMARKS / SPECIAL INSTRUCTIONS:
 Stop at first positive for each homogenous area.

Accept Samples
 Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
<i>[Signature]</i>	11/2/21	<i>[Signature]</i>	11/2 4:10

By submitting samples, you are agreeing to ECEI's Terms and Conditions.
 Samples will be disposed of 30 days after analysis

COMPANY CONTACT INFORMATION	
Company: <i>SYNTerra Corp</i>	Job Contact: <i>David McIntyre</i>
Project Name: <i>316 Torbora St W</i>	<i>Doug weaver</i>
Project ID #: <i>00.4475.00</i>	Tel:

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
<i>Entry Hallway</i> → 1, 2	<i>Black Cove base with brown Mastic</i>		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
<i>Entry Hallway</i> → 3, 4	<i>2x4 Ceiling Tile</i>		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
<i>Entry Hallway + Closet</i> → 5, 6	<i>Black Mastic on pipe</i>	<i>~100LF</i>	PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
<i>Entry Hallway</i> → 7, 8, 9	<i>Tectum Roof Board</i>		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
<i>Entry Hallway</i> → 10, 11, 12	<i>Block Filler/Point</i>		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
13, 14, 15	<i>Plaster w/ texture Sundry</i>		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
16, 17, 18	<i>Smooth Plaster Restrooms</i>		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
<i>Restroom</i> → 19	<i>Light Fixture paper</i>		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
<i>Restroom Door</i> → 20, 21	<i>Small pinhole Ceiling Tile</i>		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
22	<i>Safe door coating</i>		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
23	<i>pipe wrap w/ fiberglass</i>		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
24, 25	<i>Brown 9x9 Floor Tile w/ black Mastic</i>	<i>~500</i>	PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>



CEI

SAMPLING FORM

COMPANY CONTACT INFORMATION	
Company: SynTerra Corporation	Job Contact: David McIntyre
Project Name: 316 Torbora Street Wa	Day Worker
Project ID #: 00.4475.00	Tel:

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
			PLM	TEM
26,27	Gray 9x9 PT	~1100	PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
28,29	Ceiling insulation White/gray		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
30,31	1x2 White Spline Ceiling		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
32	Dark Brown 12x12 PT		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
33,34	Gray Drywall		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
35	Pipe Elbow - basement		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
36	Corrugated pipe insulation - basement	~100 sq	PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
37	Pipe Elbow - Sanctuary Closet		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
38	Transite Roof w/ black Paper		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
39,40	Black Roof Shingle w/black Paper		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
41	Black Roof Core -rubber & corklike		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
42,43	White 1.5x1.5 Spline Ceiling		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
44,45,46	Smooth Plaster Wall old Section		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>

