

February 15, 2022

City of Wilson, Inspections Department
P.O. Box 10
Wilson, NC 27894-0010

CLIENT PROJECT: 918 Washington
CEI LAB CODE: B222964

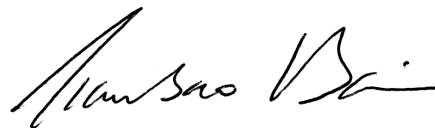
Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on February 8, 2022. 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



CEI

ASBESTOS ANALYTICAL REPORT

By: Polarized Light Microscopy

Prepared for

City of Wilson, Inspections Department

CLIENT PROJECT: 918 Washington

LAB CODE: B222964

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

REPORT DATE: 02/15/22

TOTAL SAMPLES ANALYZED: 22

SAMPLES >1% ASBESTOS: 1



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Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: 918 Washington

LAB CODE: B222964

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
#1	Layer 1	B222964.01	White,Black	Tar	Chrysotile 10%
	Layer 2	B222964.01	Tan,Black	Siding	None Detected
#2		B222964.02	Tan	Window Glazing	None Detected
#3		B222964.03	White	Window Caulking	None Detected
#4		B222964.04	Red	Caulking	None Detected
#5		B222964.05	Brown	Caulking	None Detected
#6		B222964.06	White	Window Glazing	None Detected
#7		B222964.07	White	Sheetrock	None Detected
#8		B222964.08	Gray	Roof Shingle	None Detected
#9		B222964.09	Black	Roof Paper	None Detected
#10		B222964.10	Off-white	Floor Tile	None Detected
#11		B222964.11	Tan	Floor Tile	None Detected
#12		B222964.12	White	Tile	None Detected
#13		B222964.13	Off-white,Brown	Tile	None Detected
#14		B222964.14	Off-white	Tile	None Detected
#15		B222964.15	Gray	Plaster	None Detected
#16	Layer 1	B222964.16	White	Plaster Skim Coat	None Detected
	Layer 2	B222964.16	Gray	Plaster Base Coat	None Detected
#17		B222964.17	Gray	Plaster	None Detected
#18		B222964.18	Tan,Black	Floor Tile	None Detected
#19		B222964.19A	Off-white	Floor Tile	None Detected
		B222964.19B	Clear	Mastic	None Detected
#20		B222964.20	Off-white	Floor Tile	None Detected
#21	Layer 1	B222964.21	White	Plaster Skim Coat	None Detected
	Layer 2	B222964.21	Gray	Plaster Base Coat	None Detected
#22		B222964.22	Off-white	Floor Tile	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: City of Wilson, Inspections Department
 P.O. Box 10
 Wilson, NC 27894-0010

Lab Code: B222964
Date Received: 02-08-22
Date Analyzed: 02-15-22
Date Reported: 02-15-22

Project: 918 Washington

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
#1 Layer 1 B222964.01	Tar	Heterogeneous	85%	Tar	10% Chrysotile
		White,Black Fibrous Bound	5%	Gravel	
Layer 2 B222964.01	Siding	Heterogeneous	80%	Cellulose	None Detected
		Tan,Black Fibrous Bound	20%	Tar	
#2 B222964.02	Window Glazing	Heterogeneous	95%	Binder	None Detected
		Tan Non-fibrous Bound	5%	Paint	
#3 B222964.03	Window Caulking	Heterogeneous	95%	Caulk	None Detected
		White Non-fibrous Bound	5%	Paint	
#4 B222964.04	Caulking	Homogeneous	100%	Caulk	None Detected
		Red Non-fibrous Bound			
#5 B222964.05	Caulking	Homogeneous	100%	Caulk	None Detected
		Brown Non-fibrous Bound			
#6 B222964.06	Window Glazing	Heterogeneous	3%	Talc	None Detected
		White Non-fibrous Bound	92%	Binder	
			5%	Paint	

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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		
#7 B222964.07	Sheetrock	Heterogeneous	15%	Cellulose	80%	Gypsum	None Detected
		White Fibrous Bound	5%	Fiberglass			
#8 B222964.08	Roof Shingle	Heterogeneous	50%	Fiberglass	40%	Tar	None Detected
		Gray Fibrous Bound			10%	Gravel	
#9 B222964.09	Roof Paper	Homogeneous	65%	Cellulose	35%	Tar	None Detected
		Black Fibrous Bound					
#10 B222964.10	Floor Tile	Homogeneous	20%	Cellulose	50%	Vinyl	None Detected
		Off-white Fibrous Bound	10%	Fiberglass	20%	Binder	
#11 B222964.11	Floor Tile	Homogeneous	20%	Cellulose	50%	Vinyl	None Detected
		Tan Fibrous Bound			30%	Binder	
#12 B222964.12	Tile	Homogeneous	20%	Cellulose	50%	Vinyl	None Detected
		White Fibrous Bound			30%	Binder	
#13 B222964.13	Tile	Homogeneous	50%	Cellulose	50%	Vinyl	None Detected
		Off-white,Brown Fibrous Bound					



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Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
#14 B222964.14	Tile	Homogeneous	20%	Cellulose	50%	Vinyl	None Detected
		Off-white	10%	Fiberglass	20%	Binder	
		Fibrous Bound					
#15 B222964.15	Plaster	Heterogeneous	<1%	Cellulose	65%	Silicates	None Detected
		Gray	<1%	Hair	30%	Binder	
		Non-fibrous Bound			5%	Paint	
#16 Layer 1 B222964.16	Plaster Skim Coat	Heterogeneous			65%	Silicates	None Detected
		White			30%	Binder	
		Non-fibrous Bound			5%	Paint	
Layer 2 B222964.16	Plaster Base Coat	Homogeneous	<1%	Cellulose	65%	Silicates	None Detected
		Gray	<1%	Hair	35%	Binder	
		Non-fibrous Bound					
#17 B222964.17	Plaster	Heterogeneous	<1%	Cellulose	65%	Silicates	None Detected
		Gray	<1%	Hair	30%	Binder	
		Non-fibrous Bound			5%	Paint	
#18 B222964.18	Floor Tile	Homogeneous	20%	Cellulose	50%	Vinyl	None Detected
		Tan,Black			30%	Tar	
		Fibrous Bound					
#19 B222964.19A	Floor Tile	Homogeneous			100%	Vinyl	None Detected
		Off-white					
		Non-fibrous Bound					



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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		
B222964.19B	Mastic	Homogeneous Clear Non-fibrous Bound	100%	Mastic			None Detected
#20 B222964.20	Floor Tile	Homogeneous Off-white Fibrous Bound	20% 10%	Cellulose Fiberglass	50% 20%	Vinyl Binder	None Detected
#21 Layer 1 B222964.21	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound			65% 30% 5%	Silicates Binder Paint	None Detected
Layer 2 B222964.21	Plaster Base Coat	Homogeneous Gray Non-fibrous Bound	<1% <1%	Cellulose Hair	65% 35%	Silicates Binder	None Detected
#22 B222964.22	Floor Tile	Homogeneous Off-white Fibrous Bound	20% 10%	Cellulose Fiberglass	50% 20%	Vinyl Binder	None Detected

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.*

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Information provided by customer includes customer sample ID and sample description.

ANALYST:



Madelyn Schmidt

APPROVED BY:



Tianbao Bai, Ph.D., CIH
Laboratory Director



Scott Minyard