

PLM & TEM BULK ASBESTOS ANALYSIS REPORT via NYSDOH ELAP Method 198.1,198.4 and 198.6

Client:

Chenango Valley Central School District

Job No: 0746-19

Location:

St. Francis School

Page: 1 of 4

Port Dickinson Project

Sample Date:

1/28/2019

Sample D	ate:	1/28/2019								
				PLM Asbestos	PLM	N	TEM Asbestos	TEM	PLM	Non-
				Fibers Type &	Total	0	Fibers Type &	Total	Non-Asbestos	Fibrous
Client ID	Lab ID	Sampling Location	Description	Percentage	Asbestos	В	Percentage	Asbestos	Fibers Type &	Matrix
			2	10					Percentage	Material
									(17)	%
SFWP-1A	6216	1st Floor Plaster	Tan/Off White	None Detected	0%		Not Required	N/A	None Detected	100%
Notes Solition Committee		Surface Material	Surface Plaster							
SFWP-2A	6217	1st Floor Plaster	Tan/Off White	None Detected	0%		Not Required	N/A	None Detected	100%
		Surface Material	Surface Plaster	,						
SFWP-3A	6218	1st Floor Plaster	Tan/Off White	None Detected	0%		Not Required	N/A	None Detected	100%
51 111 511	6000000000	Surface Material	Surface Plaster	dia i Controler (1000) tietrostro				0.85		
			20.2000							
SFWP-4A	6219	1st Floor Plaster	Tan/Off White	None Detected	0%		Not Required	N/A	None Detected	100%
51 111		Surface Material	Surface Plaster	The state of the s						
SFWP-5A	6220	1st Floor Plaster	Tan/Off White	None Detected	0%		Not Required	N/A	None Detected	100%
31 WI - 3A		Surface Material	Surface Plaster		100000			004.000		1980-1980
SFWP-6A	6221	1st Floor Plaster	Tan/Off White	None Detected	0%		Not Required	N/A	None Detected	100%
SI WI -OA		Surface Material	Surface Plaster							
SFWP-7A	6222	1st Floor Plaster	Tan/Off White	None Detected	0%		Not Required	N/A	None Detected	100%
31 W1 -77		Surface Material	Surface Plaster				(* A & C & A & C & A & C & C & C & C & C &		950 964 06 60 00 00 00 00 00 00 00 00 00 00 00	520000110000000
SFWP-1B	6223	1st Floor Plaster Core	Tan/Off White	None Detected	0%		Not Required	N/A	Cellulose 1%	99%
SI WI LD		Material	Surface Plaster		515.5				800-	
l 1										
SFWP-2B	6224	1st Floor Plaster Core	Gray/Off White	None Detected	0%		Not Required	N/A	None Detected	100%
Sr WF-ZD		Material	Core Plaster				7	,		
		10000000000000000000000000000000000000								
CEMID 2D	6225	1st Floor Plaster Core	Gray/Off White	None Detected	0%	\vdash	Not Required	N/A	None Detected	100%
SFWP-3B	0223	Material	Core Plaster	None Detected	070		Hot Kequireu	NyA	Mone Detected	10070
		Material	Core i idalei							

KEY TO NOB COLUMN SYMBOLS

No Symbol in the NOB column denotes sample analyzed by ELAP Method 198.1 (PLM).

v NOB (non-friable organically bound)denotes material analyzed by ELAP Method 198.6 (PLM) and 198.4 (TEM) as noted.

V denotes material analyzed by ELAP Method 198.6 (PLM) per NYSDOH. This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

denotes friable material analyzed by ELAP Method 198.6 (PLM) and 198.4 (TEM) as noted.

X denotes sample prepped only by ELAP Method 198.6.

** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Bulk Asbestos Analysis by New York State Department of Health, ELAP Method 198.1,198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.") or EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 200530-0),

NVLAP

Lab Code 200530-0 for PLM Analysis

PLM Date Analyzed: 2/4/2019

TEM Date Analyzed: N/A

Microscope:

Olympus BH-2 #233173

TEM Analyst: N/A

Analyst:

T. Bush

Laboratory Results Approved By: Asbestos Operations Manager or Designee

Mary Dohr

ELAP ID No.: 10958

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.



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St. Francis School

Page: 2 of 4

Port Dickinson Project

Sample Date:

1/28/2019

Sample D	ate:	1/28/2019								
Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
SFWP-4B	6226	1st Floor Wall Plaster Core Material	Gray/Off White Core Plaster	None Detected	0%		Not Required	N/A	None Detected	100%
SFWP-5B	6227	1st Floor Wall Plaster Core Material	Gray/Off White Core Plaster	None Detected	0%		Not Required	N/A	None Detected	100%
SFWP-6B	6228	1st Floor Wall Plaster Core Material	Gray/Off White Core Plaster	None Detected	0%		Not Required	N/A	None Detected	100%
SFWP-7B	6229	1st Floor Wall Plaster Core Material	Gray/Off White Core Plaster	None Detected	0%		Not Required	N/A	None Detected	100%

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TESTING

Lab Code 200530-0 for PLM Analysis

PLM Date Analyzed: 2/4/2019

TEM Date Analyzed: N/A

Microscope: 0

Olympus BH-2 #233173

TEM Analyst: N/A

Analyst:

T. Bush

Laboratory Results Approved By: Asbestos Operations Manager or Designee

Mary Dohr

ELAP ID No.: 10958

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PARADI	GM		e, Rochester, New York 1460 Grand Island , New York 140			585-647-2530 716-775-5777				
FAILA DI	CESS, THE	Client: Contact:			t: Antony P. Stager			OFFICE USE ONLY		
			Valley Central School District		878		Job #:	0746-19		
		Phone Number:	(607) 795-2592	Email Add	ress for Data: astager@gstboces.	org	Jun #:	077617		
Client Mailing Addres	ss:	Results To as	tager@gstboces.org	Turn Around Time: 3/5			Page	of		
Chenango Va	illey CSD		8	1 2	3 5 X	Other	_			
221 G	D : I D I	Date Sampled	28-Jan-19	1	ype/Quantity:			ogged In: 1/30/19		
221 Chenango l	Bridge Road	Project Location:		Friable	O NOB	TEM	Logge	d In By:		
Binghamton,	NY 13901	Troject Bocation.	St. Francis School - Port Dickinson project							
Client ID	Lab ID	Sampling Location			Color Material		Size	Type of Material		
1 SFWPIA	6216	1st Floor	- plaster surface	e Maf'l	tan Joffwhite	N/A		Surface plaster		
2 SFWP 2A	217		<u>'</u>		*	N/A				
3 SFWP 3A	218					N/A				
4 SFWP YA	219					N/A				
5SFWP SA	220					N/A				
6 SFWP GA	221					N/A				
7 SFWP 7A	222					N/A		1901		
8 SFWP 1B	223	1st Floor	plaster core	maf'	grey /off whi	N/A		"core" plaster		
9 SFWP 2B	224		7		0 "	N/A				
# SFWA 3B	7325					N/A				
Sampled By: Date:							or EPA 600/l	R-93/116 methods are requested.		

Date: 1/30/19 CUSTODY: By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

Received By:

or provide TEM contact name:
TOTAL NUMBER OF SAMPLES ON ALL CHAINS OF

		CHAIN O	F CUSTODY FOR	RBULKA	ASBESTOS AL	VALYSIS		Page $ otin $ of $ otin $	_	
		X 179 Lake Ave	enue, Rochester, New York 14	608	Office:	585-647-2530				
PARADI	GM	1815 Love Ro	oad, Grand Island , New York 1	L4072	Office:	716-775-5777				
ENVIRONMENTAL SERV	ICES, INC.	Client:		Contact:	Antony P. St	tager	O	FFICE USE ONL	Y	
		NOT COMPANY OF THE PARTY OF THE	ngo Valley Central School Distri	97.494		ge.	T. L. #.	07/11/19		
		Phone Number:		Email Add	dress for Data: astager@gstboces.	0.20	Job #:	0746-19		
Client Mailing Addre	ss.	Results To	(607) 795-2592 astager@gstboces.org	Turn Aro	und Time: 25	org	Page of			
Chenango Va		Tresums 10	astager @ gstboces.org	1 2	3 5 X	Other	-			
		Date Sampled	28-Jan-19	Material 7	Type/Quantity:	Date Logged In: 1/30/19				
221 Chenango	Bridge Road			Friable	4 NOB	Logged In By:				
Binghamton,	NY 13901	Project Location: St. Francis School - Port Dickinson project					2	2 34		
Client ID	Lab ID	443.10.393411	Sampling Location		Color	Material	Size	Type of Mater	ial	
1SFWP 4B	6236	ISTAlso	r wall plaster	Core ma	Hygrey/offuh,	he N/A		"Core" plas	ter	
2 SFWP 5B	227		1 1	j	0 /	N/A		1 1		
3 SFWP 6B	958			4	/	N/A				
4 SFWP 7B	999				*	N/A		4 4		
5						N/A				
6						N/A		j		
7						N/A				
8						N/A				
9						N/A				
#						N/A				
Sampled By:			Date				Adolicione de Locales de		of his ball of the	
Sampled By: Date: 1-28-19					will be analyzed by the appro nless EPA 600/M4/82/020 pe			R-93/116 methods are reque	ested.	
Transported to Pa	aradigm By:		Date:	(i) Itteration = 1,51 = 15 = 15 = 15 = 15 = 15 = 15 =	TO AUTOMATIC		FORM	TEM ON NOBS	XX	
ted # ex					or provide TEM contact name: TOTAL NUMBER OF SAMPLES ON ALL CHAINS OF					
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By signing this form, client agrees to Paradigm Terms and Conditions (reverse).