

Clay Point Associates, Inc.

www.claypointassociates.com



May 14, 2019

Town of Starksboro
c/o Jerusalem School Committee, Attn: Susan Klaiber
2849 VT Route 116
Starksboro, Vermont 05487

Re: Inspection for Asbestos Containing Materials
Jerusalem Schoolhouse, 397 Jerusalem Road, Bristol, Vermont
CPAI Project #14083

Dear Ms. Klaiber:

Enclosed is documentation related to professional asbestos inspection activities performed by Clay Point Associates, Inc. (CPAI) on May 3, 2019 on/within the Jerusalem Schoolhouse, 397 Jerusalem Road, Starksboro, Vermont. Inspection activities were performed to evaluate suspect asbestos containing materials prior to planned renovations. This assessment was partially funded by a grant from the Preservation Trust of Vermont.

On May 3, 2019 CPAI collected twenty-eight (28) bulk samples of suspect asbestos containing materials. All bulk samples were submitted to a Vermont certified analytical service of which twenty-seven (27) were analyzed by Polarized Light Microscopy (PLM), Visual Estimation Method, according to EPA Method 600/R-93/116. Identification of asbestos by PLM is based on optical crystallographic properties, and gives a qualitative differentiation between types of asbestos and other fibrous materials. It also allows for a quantitative estimate of percent asbestos using EPA approved methods. One (1) sample was not analyzed in accordance with our "Stop Positive" protocol.

A drawing depicting existing conditions/CPAI Area Numbers, the Bulk Sample Analysis Inventory (Table 1), Inventory of Asbestos Containing Materials, analytical service bulk sample analysis report, and CPAI/analytical service certification information are attached to this report.

Thank you for the opportunity to service your professional environmental management needs. If you have any questions concerning this report, or require additional information, please contact us at (802) 879-2600, or by email at info@claypointassociates.com.

Sincerely,
CLAY POINT ASSOCIATES, INC.

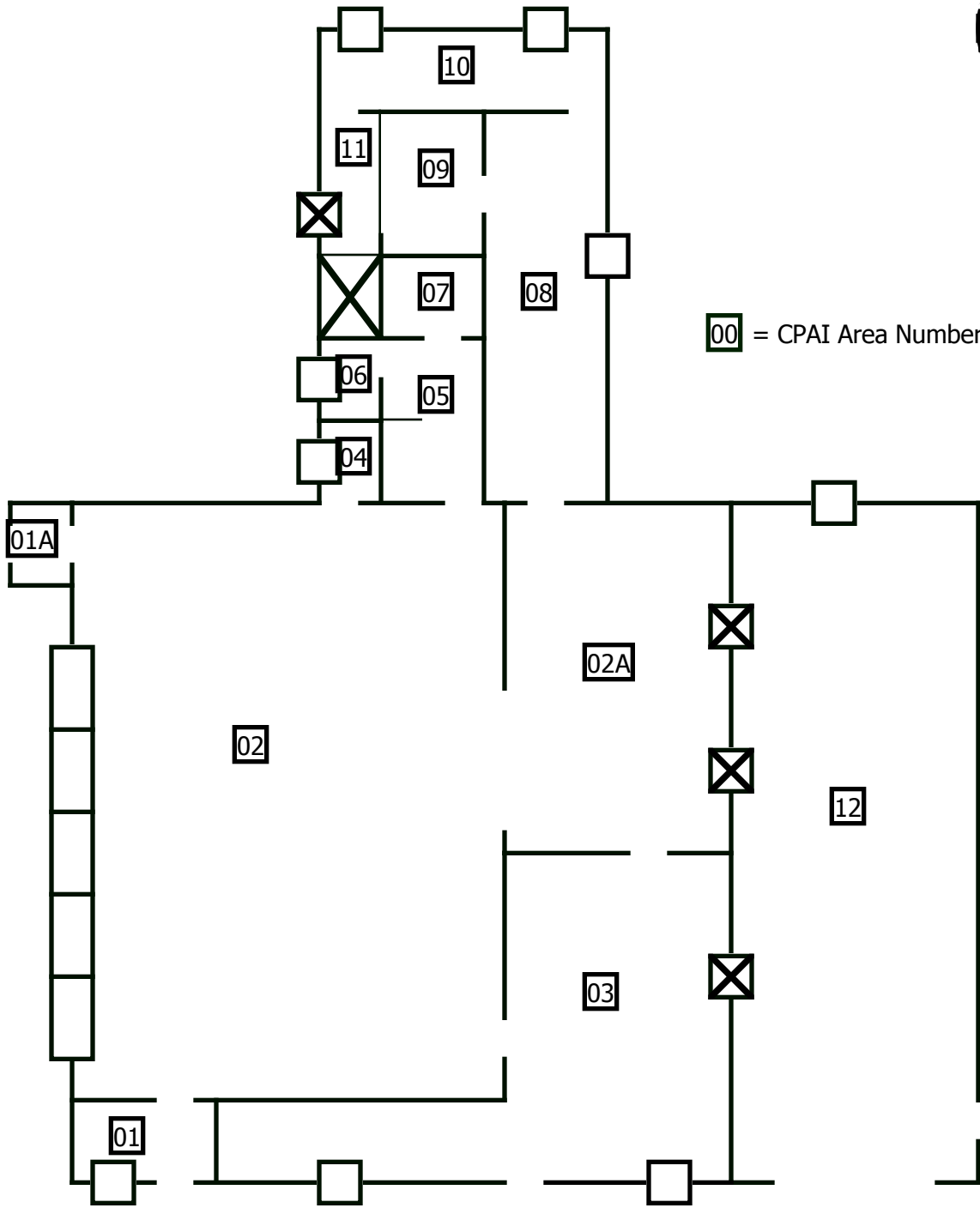
A handwritten signature in black ink, appearing to read "Kyle Austin". The signature is fluid and cursive, with a large loop at the end.

Kyle Austin
Environmental Associate

First Floor



Project North



00 = CPAI Area Number

A

Clay Point Associates, Inc.
Project #14083
May 3, 2019

Jerusalem School House
397 Jerusalem Road
Bristol, Vermont

Asbestos Inspection
Not to Scale
Drawn by: Kyle Austin



**Table 1
Bulk Sample Analysis Inventory**

Building/Addition: Jerusalem Schoolhouse
397 Jerusalem Road
Starksboro, Vermont

Homogeneous Area	Sample No.	Date Collected	Lab I.D. No.	Sample Location	PLM Result
Joint Compound, assoc. with Sheet Rock	05031914083-25	05/03/19	1929521-010	CPAI Area #12, on west wall, 11 ft. 11 in. from north wall, 4 ft. from floor.	NAD
	05031914083-14	05/03/19	1929521-011	CPAI Area #12, on west wall, 10 ft. 3 in. from south wall, 5 ft. 11 in. from floor.	NAD
	05031914083-24	05/03/19	1929521-012	CPAI Area #12, on east wall, 5 ft. 7 in. from south wall, 6 ft. 1 in. from floor.	NAD
Sheet Rock	05031914083-22	05/03/19	1929521-016	CPAI Area #12, on south wall, 1 ft. from west wall, 3 ft. 3 in. from floor.	NAD
	05031914083-20	05/03/19	1929521-017	CPAI Area #12, on north wall, 2 ft. 2 in. from south wall, 7 ft. 3 in. from floor.	NAD
Textured Ceiling Material	05031914083-03	05/03/19	1929521-013	CPAI Area #12, 10 ft. 1 in. from north wall, 4 ft. 9 in. from east wall.	NAD
	05031914083-12	05/03/19	1929521-014	CPAI Area #12, 17 ft. 1 in. from north wall, 7 ft. from east wall.	NAD
	05031914083-09	05/03/19	1929521-015	CPAI Area #12, 11 ft. 2 in. from south wall, 2 ft. 6 in. from west wall.	NAD

(continued)

Table 1
Bulk Sample Analysis Inventory

Building/Addition:		Jerusalem Schoolhouse 397 Jerusalem Road Starksboro, Vermont			
Homogeneous Area	Sample No.	Date Collected	Lab I.D. No.	Sample Location	PLM Result
Pressed Board Material	05031914083-13	05/03/19	1929521-004	CPAI Area #07, on south wall, 2 in. from east wall, 6 ft. 10 in. from floor.	2% Chrys.
	05031914083-16	05/03/19	1929521-005	CPAI Area #06, on west wall, 6 in. from north wall, 3 ft. 4 in. from floor.	n/a
Construction Paper, grey	05031914083-05	05/03/19	1929521-008	Attic, south wall, between barn board sheathing and siding.	NAD
	05031914083-07	05/03/19	1929521-009	Attic, north wall, between barn board sheathing and Siding.	NAD
Gasket, assoc. w/ furnace	05031914083-02	05/03/19	1929521-001	CPAI Area #03, east side of furnace, 2 ft. 3 in. from south wall, 11 in. from floor.	55% Chrys.
Concrete Infill	05031914083-18	05/03/19	1929521-002	CPAI Area #02, on south wall, 7 ft. 1 in. from east wall, 7 ft. 2 in. from floor.	NAD
	05031914083-17	05/03/19	1929521-003	CPAI Area #02, on south wall, 6 ft. from east wall, 7 ft. 2 in. from floor.	NAD
Poured Concrete	05031914083-23	05/03/19	1929521-018	CPAI Area #12, east foundation wall, center section.	NAD
	05031914083-21	05/03/19	1929521-019	Exterior, northwest corner of north building addition.	NAD

**Table 1
Bulk Sample Analysis Inventory**

Building/Addition:			Jerusalem Schoolhouse 397 Jerusalem Road Starksboro, Vermont		
Homogeneous Area	Sample No.	Date Collected	Lab I.D. No.	Sample Location	PLM Result
Window Glazing	05031914083-15	05/03/19	1929521-020	Exterior, north window, west elevation, lower sash.	NAD
	05031914083-01	05/03/19	1929521-021	Exterior, 2 nd window from north wall, lower sash.	NAD
	05031914083-08	05/03/19	1929521-022	Exterior, south elevation, west window, upper sash.	NAD
	05031914083-06	05/03/19	1929521-023	Exterior, south elevation, east window, upper sash.	NAD
	05031914083-19	05/03/19	1929521-024	Exterior, north elevation of north building addition, west window.	NAD
Silver Roof Coating	05031914083-26	05/03/19	1929521-025	Exterior, main roof, northwest corner.	NAD
	05031914083-28	05/03/19	1929521-026	Exterior, north building addition, northeast corner.	NAD
Roof Shingle, green	05031914083-27	05/03/19	1929521-027	Exterior, roof over west entry, north facing side.	NAD
	05031914083-11	05/03/19	1929521-028	Exterior, roof over west entry, south facing side.	NAD
Felt Paper	05031914083-10	05/03/19	1929521-006	Attic, east facing roof slope, above barn board sheathing.	NAD
	05031914083-04	05/03/19	1929521-007	Attic, east facing roof slope, above barn board sheathing.	NAD

PLM = Polarized Light Microscopy
 NAD = No Asbestos Detected
 Chrys. = Chrysotile Asbestos
 n/a = Sample not analyzed (stop at first positive result in group)



Table 2
Inventory of Asbestos Containing Materials

Building/Addition:		Jerusalem Schoolhouse 397 Jerusalem Road Starksboro, Vermont	
Area No.	Homogeneous Material	Approx. Quantity	General Location
CPAI Area #03	Gasket, associated with furnace	1 sq. ft.	At burner jet.
CPAI Areas #04, #05, #06 & #07	Pressed Board Material	Not Quantified	On walls/ceilings throughout areas.



Todd Hobson
Clay Point Associates, Inc.
P.O. Box 1254
Williston VT 05495

Project Reference: 14083
Laboratory Batch #: 1929521
Date Samples Received: 05/06/2019
Date Samples Analyzed: 05/13/2019
Date of Final Report: 05/13/2019

SAMPLE IDENTIFICATION:

Twenty Eight (28) samples from CPAI Project #: 14083 project were submitted by Kyle Austin on 05/06/2019

This bulk sample(s) was delivered to Optimum Analytical Consulting, LLC (Optimum) located in Salem, New Hampshire for asbestos content determination.

ANALYTICAL METHOD:

Analytical procedures were performed in accordance with the U.S. Environmental Protection Agency (EPA) Recommended Method for the Determination of Asbestos in Bulk Samples by Polarized Light Microscopy and Dispersion Staining (PLM/DS)(EPA-600/M4-82-020, EPA-600/ R-93-116). This report relates only to those samples analyzed, and may not be indicative of other similar appearing materials existing at this, or other sites. Quantification of asbestos content was determined by Calibrated Visual Estimation. Optimum is not responsible for sample collection activities or analytical method limitations. The laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

In any given material, fibers with a small diameter (<0.25µm) may not be detected by the PLM method. Floor tile and other resinously bound material may yield a false negative if the asbestos fibers are too small to be resolved using PLM. Additional analytical methods may be required. Optimum recommends using Transmission Electron Microscopy (TEM) for a more definitive analysis.

Optimum will retain all samples for a minimum of three months. Further analysis or return of samples must be requested within this three month period to guarantee their availability. This report may not be reproduced except in full, without the written approval of Optimum Analytical and Consulting, LLC.

Use of the NVLAP and AIHA Logo in no way constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology or the American Industrial Hygiene Association.

Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Point Count = .25%, 1000 Point Count = 0.1%; Present or Absent are observations made during a qualitative analysis.

This report is considered preliminary until signed by both the Laboratory Analyst and Laboratory Director or Supervisor. If you have any questions regarding this report, please do not hesitate to contact us.

Jamie L. Noel
Laboratory Director

Kristina Scaviola
Laboratory Supervisor



85 Stiles Road, Suite 201, Salem, NH 03079 Phone: (603)-458-5247

CLIENT: Clay Point Associates, Inc.
ADDRESS: P.O. Box 1254
CITY / STATE / ZIP: Williston VT 05495
CONTACT: Todd Hobson
DESCRIPTION: PLM Analysis
LOCATION: CPAI Project #: 14083

ORDER #: 1929521
PROJECT #: 14083
DATE COLLECTED: 05/03/2019
COLLECTED BY: Kyle Austin
DATE RECEIVED: 05/06/2019
ANALYSIS DATE: 05/13/2019
REPORT DATE: 05/13/2019
ANALYST: Lauren Oakes

REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
1929521-001 05031914083-02	Bulk Material, Gray/Tan	LAYER 1 100%	Chrysotile	55%	Cellulose Fiber Non-Fibrous Material	10% 35%
Total % Asbestos:				55.0%	Total % Non-Asbestos: 45.0%	
1929521-002 05031914083-18	Bulk Material, Gray	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	2% 98%
Total % Asbestos:			No Asbestos Detected		Total % Non-Asbestos: 100.0%	
1929521-003 05031914083-17	Bulk Material, Gray	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	2% 98%
Total % Asbestos:			No Asbestos Detected		Total % Non-Asbestos: 100.0%	
1929521-004 05031914083-13	Bulk Material, Brown/Off White	LAYER 1 100%	Chrysotile	2%	Cellulose Fiber Non-Fibrous Material	90% 8%
Total % Asbestos:				2.0%	Total % Non-Asbestos: 98.0%	
1929521-005 05031914083-16	Bulk Material, Brown/Off White Note: Positive Stop	LAYER 1 100%				
1929521-006 05031914083-10	Bulk Material, Black	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	85% 15%
Total % Asbestos:			No Asbestos Detected		Total % Non-Asbestos: 100.0%	
1929521-007 05031914083-04	Bulk Material, Black	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	85% 15%
Total % Asbestos:			No Asbestos Detected		Total % Non-Asbestos: 100.0%	
1929521-008 05031914083-05	Bulk Material, Gray	LAYER 1 100%	None Detected		Cellulose Fiber Non-Fibrous Material	90% 10%
Total % Asbestos:			No Asbestos Detected		Total % Non-Asbestos: 100.0%	



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ORDER #: 1929521
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COLLECTED BY: Kyle Austin
DATE RECEIVED: 05/06/2019
ANALYSIS DATE: 05/13/2019
REPORT DATE: 05/13/2019
ANALYST: Lauren Oakes

REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type (%)	Non-Asbestos Components (%)
1929521-009 05031914083-07	Bulk Material, Gray	LAYER 1 100%	None Detected	Cellulose Fiber 90% Non-Fibrous Material 10%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1929521-010 05031914083-25	Bulk Material, Off White	LAYER 1 100%	None Detected	Cellulose Fiber 1% Non-Fibrous Material 99%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1929521-011 05031914083-14	Bulk Material, Off White	LAYER 1 100%	None Detected	Cellulose Fiber 1% Non-Fibrous Material 99%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1929521-012 05031914083-24	Bulk Material, Off White	LAYER 1 100%	None Detected	Cellulose Fiber 1% Non-Fibrous Material 99%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1929521-013 05031914083-03	Bulk Material, Beige	LAYER 1 100%	None Detected	Cellulose Fiber 1% Non-Fibrous Material 99%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1929521-014 05031914083-12	Bulk Material, Beige	LAYER 1 100%	None Detected	Cellulose Fiber 1% Non-Fibrous Material 99%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1929521-015 05031914083-09	Bulk Material, Beige	LAYER 1 100%	None Detected	Cellulose Fiber 1% Non-Fibrous Material 99%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1929521-016 05031914083-22	Bulk Material, Off White	LAYER 1 100%	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Non-Fibrous Material 88%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%



OPTIMUM

Analytical and Consulting, LLC

85 Stiles Road, Suite 201, Salem, NH 03079 Phone: (603)-458-5247

BULK SAMPLE ANALYSIS REPORT POLARIZED LIGHT MICROSCOPY

PLM (EPA-600/M4-82-020, EPA-600/ R-93-116) NVLAP Lab Code: 101433-0

CLIENT: Clay Point Associates, Inc.
ADDRESS: P.O. Box 1254
CITY / STATE / ZIP: Williston VT 05495
CONTACT: Todd Hobson
DESCRIPTION: PLM Analysis
LOCATION: CPAI Project #: 14083

ORDER #: 1929521
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ANALYSIS DATE: 05/13/2019
REPORT DATE: 05/13/2019
ANALYST: Lauren Oakes

REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type (%)	Non-Asbestos Components (%)
1929521-017 05031914083-20	Bulk Material, Off White	LAYER 1 100%	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Non-Fibrous Material 88%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1929521-018 05031914083-23	Bulk Material, Gray	LAYER 1 100%	None Detected	Cellulose Fiber 1% Non-Fibrous Material 99%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1929521-019 05031914083-21	Bulk Material, Gray	LAYER 1 100%	None Detected	Cellulose Fiber 1% Non-Fibrous Material 99%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1929521-020 05031914083-15	Bulk Material, Off White	LAYER 1 100%	None Detected	Cellulose Fiber 2% Non-Fibrous Material 98%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1929521-021 05031914083-01	Bulk Material, Off White	LAYER 1 100%	None Detected	Cellulose Fiber 2% Non-Fibrous Material 98%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1929521-022 05031914083-08	Bulk Material, Off White	LAYER 1 100%	None Detected	Cellulose Fiber 2% Non-Fibrous Material 98%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1929521-023 05031914083-06	Bulk Material, Off White	LAYER 1 100%	None Detected	Cellulose Fiber 2% Non-Fibrous Material 98%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1929521-024 05031914083-19	Bulk Material, Off White	LAYER 1 100%	None Detected	Cellulose Fiber 2% Non-Fibrous Material 98%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%



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BULK SAMPLE ANALYSIS REPORT POLARIZED LIGHT MICROSCOPY

PLM (EPA-600/M4-82-020, EPA-600/ R-93-116) NVLAP Lab Code: 101433-0

CLIENT: Clay Point Associates, Inc.
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LOCATION: CPAI Project #: 14083

ORDER #: 1929521
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ANALYSIS DATE: 05/13/2019
REPORT DATE: 05/13/2019
ANALYST: Lauren Oakes

REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type (%)	Non-Asbestos Components (%)
1929521-025 05031914083-26	Bulk Material, Silver	LAYER 1 100%	None Detected	Cellulose Fiber 2% Non-Fibrous Material 98%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1929521-026 05031914083-28	Bulk Material, Silver	LAYER 1 100%	None Detected	Cellulose Fiber 2% Non-Fibrous Material 98%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1929521-027 05031914083-27	Bulk Material, Black	LAYER 1 100%	None Detected	Cellulose Fiber 65% Non-Fibrous Material 35%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%
1929521-028 05031914083-11	Bulk Material, Black	LAYER 1 100%	None Detected	Cellulose Fiber 65% Non-Fibrous Material 35%
Total % Asbestos:			No Asbestos Detected	Total % Non-Asbestos: 100.0%

**Analyst
Signatory:**
Lauren Oakes





OPTIMUM

Analytical and Consulting, LLC

85 Stiles Road, Suite 201, Salem, NH 03079 Phone: (603)-458-5247

BULK SAMPLE ANALYSIS REPORT POLARIZED LIGHT MICROSCOPY

PLM (EPA-600/M4-82-020, EPA-600/ R-93-116) NVLAP Lab Code: 101433-0

CLIENT: Clay Point Associates, Inc.
ADDRESS: P.O. Box 1254
CITY / STATE / ZIP: Williston VT 05495
CONTACT: Todd Hobson
DESCRIPTION: PLM Analysis
LOCATION: CPAI Project #: 14083

ORDER #: 1929521
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ANALYST: Lauren Oakes



Clay Point Associates, Inc.

CHAIN OF CUSTODY FORM

CPAI Proj. #: 14083

Type					Sample Number(s)
Asb?	Oth?	Air	Bulk	H2O	
X			X		05031414083-01 → 28

	Date	Time	Name	Signature
Transfer #1	5/13/19	4:30 pm	KSA	
to:		TB OAC	VIA PDS	EX
Transfer #2	5/16/19	9:25	MOLLY MORRIS	
to:				
Transfer #3				
to:				

P.O. BOX 1254 • WILLISTON, VERMONT • 05495-1254 • 802-879-2600



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85 Stiles Road, Suite 201, Salem, NH 03079 Phone: (603)-458-5247

BULK SAMPLE ANALYSIS REPORT POLARIZED LIGHT MICROSCOPY

PLM (EPA-600/M4-82-020, EPA-600/R-93-116) NVLAP Lab Code: 101433-0

CLIENT: Clay Point Associates, Inc.
ADDRESS: P.O. Box 1254
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ANALYSIS DATE: 05/13/2019
REPORT DATE: 05/13/2019
ANALYST: Lauren Oakes



Clay Point Associates, Inc.

BULK SAMPLE ANALYSIS REQUEST FORM

Date of Submission: 5/13/19 CPAI Proj. #: 14083

Analytical Service: OAC

Bulk Sample Number	Date of Collection	Type of Analysis	Group No.	Instructions
05031914083 - 02	5/13/19	PLM	1	Analyze Each
-18			2	Group Unit 7
-17			2	1st positive
-13			4	Result - 5 day
-16			4	TAT
-10			5	
-04			5	
-05			6	
-07			6	
-25			7	
-14			8	
-24			9	
-03			10	
-12			10	
-09			10	

Chain of Custody Form Attached? Yes No

Consultant Signature: [Signature] Page No.: 1 of 2

submitting 5/16/19 9²⁵

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OPTIMUM

Analytical and Consulting, LLC

85 Stiles Road, Suite 201, Salem, NH 03079 Phone: (603)-458-5247

BULK SAMPLE ANALYSIS REPORT POLARIZED LIGHT MICROSCOPY

PLM (EPA-600/M4-82-020, EPA-600/ R-93-116) NVLAP Lab Code: 101433-0

CLIENT: Clay Point Associates, Inc.
ADDRESS: P.O. Box 1254
CITY / STATE / ZIP: Williston VT 05495
CONTACT: Todd Hobson
DESCRIPTION: PLM Analysis
LOCATION: CPAI Project #: 14083

ORDER #: 1929521
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COLLECTED BY: Kyle Austin
DATE RECEIVED: 05/06/2019
ANALYSIS DATE: 05/13/2019
REPORT DATE: 05/13/2019
ANALYST: Lauren Oakes



Clay Point Associates, Inc.

BULK SAMPLE ANALYSIS REQUEST FORM

Date of Submission: 5/13/19 CPAI Proj. #: 14083

Analytical Service: OAC

Bulk Sample Number	Date of Collection	Type of Analysis	Group No.	Instructions
05031914083-22	5/13/19	PLM	11	See Page 1
-20			11	
-23			12	
-21			13	
-15			14	
-01			14	
-08			15	
-06			15	
-19			16	
-26			17	
-28			18	
-27			19	
✓ -11	✓	✓	19	

Chain of Custody Form Attached? Yes No

Consultant Signature: [Signature] Page No.: 2 of 2

submitting 5/16/19 9²⁵

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ASBESTOS CONSULTING ENTITY

CLAY POINT ASSOCIATES INC.
P.O. BOX 1254
WILLISTON, VT 05495-1254

Vermont Department of Health
Environmental Health
P.O. Box 70 - Drawer 30
Burlington, VT 05402-0070

LICENSE: CE998564

EXPIRES: Monday, April 06, 2020

CERTIFICATE OF LICENSE
VERMONT ASBESTOS REGULATORY PROGRAM

THIS CERTIFICATE SHALL REMAIN IN FORCE UNTIL THE EXPIRATION DATE UNLESS REVOKED
OR VOIDED BEFORE THAT TIME.
THIS CERTIFICATE IS NOT TRANSFERABLE AND IS VALID ONLY FOR THE ABOVE PARTY.

COPY OF THIS CERTIFICATE MUST BE ON SITE AT ALL TIMES.

A handwritten signature in black ink, appearing to read "Vermont", is written over the bottom right portion of the certificate text.

ASBESTOS SITE INSPECTOR

KYLE AUSTIN
139 CHURCH STREET
RICHMOND, VT 05477

Vermont Department of Health
Environmental Health
P.O. Box 70 - Drawer 30
Burlington, VT 05402-0070

LICENSE: AI166830

EXPIRES: Friday, April 3, 2020

CERTIFICATE OF LICENSE
VERMONT ASBESTOS REGULATORY PROGRAM

THIS CERTIFICATE SHALL REMAIN IN FORCE UNTIL THE EXPIRATION DATE UNLESS REVOKED
OR VOIDED BEFORE THAT TIME. THIS CERTIFICATE IS NOT TRANSFERABLE AND IS VALID ONLY
FOR THE ABOVE PARTY.

COPY OF THIS CERTIFICATE AND PHOTO ID CARD MUST BE ON SITE AT ALL TIMES.

A handwritten signature in black ink, appearing to be 'C. A.', is located on the right side of the page, below the main text block.

ASBESTOS ANALYTICAL SERVICES

OPTIMUM ANALYTICAL AND CONSULTING, LLC
85 STILES ROAD, STE. 201
SALEM, NH 03078

Vermont Department of Health
Environmental Health
P.O. Box 70 - Drawer 30
Burlington, VT 05402-0070

LICENSE: AL143503

EXPIRES: Monday, June 17, 2019

CERTIFICATE OF LICENSE
VERMONT ASBESTOS REGULATORY PROGRAM

THIS CERTIFICATE SHALL REMAIN IN FORCE UNTIL THE EXPIRATION DATE UNLESS REVOKED
OR VOIDED BEFORE THAT TIME.

THIS CERTIFICATE IS NOT TRANSFERABLE AND IS VALID ONLY FOR THE ABOVE PARTY.
COPY OF THIS CERTIFICATE MUST BE ON SITE AT ALL TIMES.

AIR ANALYSIS BY PCM

BULK ANALYSIS BY PLM

A handwritten signature in black ink, appearing to read "Kendall", is written over the text "BULK ANALYSIS BY PLM".

ASBESTOS PLM ANALYST

LAUREN OAKES
15B NORMAN DRIVE
DERRY, NH 03038

Vermont Department of Health
Environmental Health
P.O. Box 70 - Drawer 30
Burlington, VT 05402-0070

LICENSE: PB783272

EXPIRES: Saturday, February 22, 2020

CERTIFICATE OF LICENSE
VERMONT ASBESTOS REGULATORY PROGRAM

THIS CERTIFICATE SHALL REMAIN IN FORCE UNTIL THE EXPIRATION DATE UNLESS REVOKED OR VOIDED BEFORE THAT TIME. THIS CERTIFICATE IS NOT TRANSFERABLE AND IS VALID ONLY FOR THE ABOVE PARTY.

COPY OF THIS CERTIFICATE AND PHOTO ID CARD MUST BE ON SITE AT ALL TIMES.

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VERMONT DEPARTMENT OF HEALTH
Asbestos & Lead Regulatory Program

Asbestos Plm Analyst
Not a Legal Form of ID

LAUREN OAKES

Eff. Date 02/22/19
Exp. Date 02/22/20

CONES
PB783272



Renewal

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Renewal

