



March 29, 2016

JD Environmental LLC
6 Roosevelt St.
Hamden, CT 06514

CLIENT PROJECT: 536 Daniels Farm Rd; Trumbell School
CEI LAB CODE: A16-1996

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on March 24, 2016. 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. If you have any questions, please feel free to call our office at 919-481-1413.

Kind Regards,

A handwritten signature in black ink, appearing to read "Tianbao Bai".

Tianbao Bai, Ph.D., CIH
Laboratory Director





ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

JD Environmental LLC

CLIENT PROJECT: 536 Daniels Farm Rd; Trumbell School

CEI LAB CODE: A16-1996

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

REPORT DATE: 03/29/16

TOTAL SAMPLES ANALYZED: 13

SAMPLES >1% ASBESTOS:

TEL: 866-481-1412

www.ceilabs.com



Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: 536 Daniels Farm Rd; Trumbell School

CEI LAB CODE: A16-1996

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
001		A2102198	Black	Tar	None Detected
002		A2102199	Black,Brown	Tar	None Detected
003		A2102200	Yellow	Insulation	None Detected
004		A2102201	White	Insulation	None Detected
005		A2102202	Black,Brown	Tar	None Detected
006		A2102203	Black,Brown	Tar	None Detected
007		A2102204	Yellow	Insulation	None Detected
008		A2102205	Yellow	Insulation	None Detected
009		A2102206	Yellow	Insulation	None Detected
014		A2102207	Black	Roofing Top	None Detected
015		A2102208	Black	Roofing Top	None Detected
016		A2102209	Brown	Insulation	None Detected
017		A2102210	Gray	Roofing Felt	None Detected



ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: JD Environmental LLC
 6 Roosevelt St.
 Hamden, CT 06514

CEI Lab Code: A16-1996
Date Received: 03-24-16
Date Analyzed: 03-28-16
Date Reported: 03-29-16

Project: 536 Daniels Farm Rd; Trumbell School

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
001 A2102198	Tar	Homogeneous Black Fibrous Bound	2%	Cellulose	98%	Tar	None Detected
002 A2102199	Tar	Homogeneous Black,Brown Fibrous Bound	50%	Cellulose	40%	Tar Gravel	None Detected
003 A2102200	Insulation	Homogeneous Yellow Fibrous Bound			100%	Foam	None Detected
004 A2102201	Insulation	Homogeneous White Fibrous Bound			100%	Foam	None Detected
005 A2102202	Tar	Homogeneous Black,Brown Fibrous Bound	50%	Cellulose	40%	Tar Gravel	None Detected
006 A2102203	Tar	Homogeneous Black,Brown Fibrous Bound	50%	Cellulose	40%	Tar Gravel	None Detected
007 A2102204	Insulation	Homogeneous Yellow Fibrous Bound			100%	Foam	None Detected



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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		
008 A2102205	Insulation	Homogeneous Yellow Fibrous Bound	100%	Cellulose	Foam		None Detected
009 A2102206	Insulation	Homogeneous Yellow Fibrous Bound	100%	Cellulose	Foam		None Detected
014 A2102207	Roofing Top	Homogeneous Black Fibrous Bound	90%	Cellulose	10%	Tar	None Detected
015 A2102208	Roofing Top	Homogeneous Black Fibrous Bound	90%	Cellulose	10%	Tar	None Detected
016 A2102209	Insulation	Homogeneous Brown Fibrous Bound	70%	Cellulose	25%	Perlite Binder	None Detected
017 A2102210	Roofing Felt	Homogeneous Gray Fibrous Bound	95%	Cellulose	5%	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

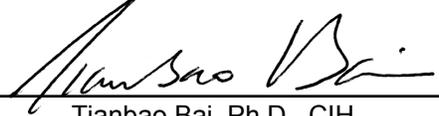
LIMIT OF DETECTION: <1% by visual estimation

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.

This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by CEI Labs, Inc. CEI Labs 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. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

ANALYST: 
Ryan Williams

APPROVED BY: 
Tianbao Bai, Ph.D., CIH
Laboratory Director





CAROLINA ENVIRONMENTAL, INC.

107 New Edition Court, Cary, NC 27511
Tel: 866-481-1412; Fax: 919-481-1442

CHAIN OF CUSTODY RECORD

ASBESTOS/LEAD ANALYSIS

13

AVG-1996
A2102198-
A2102210

Rubber Membrane
Foam insulation
Roof Replaced 1993 most of all roofs. Renovation project

Client: JD Environmental		Project Manager:											
Address: 6 Roosevelt St Harden Ct		Phone:											
Email:		ASBESTOS					LEAD PAINT					Other Analysis	
PO #:		PLM Bulk	PLM Point Count	PLM Gravimetric	PCM Air	TEM Bulk*	TEM Air	Lead Paint	Lead Wipe*	Lead Soil*	Lead Air		
PROJECT DESCRIPTION	PROJECT CODE												TURN-AROUND TIME * Lead and TEM results require 48 Hour TAT or longer <input type="checkbox"/> 5 DAYS <input checked="" type="checkbox"/> 3 DAYS <input type="checkbox"/> 48 HOURS <input type="checkbox"/> 24 HOURS* <input type="checkbox"/> 4 HOURS*
Seam tar	001	X											
Roof Girls Locker	002	TAR											
Roof Girls Lock ins	003												
Gym Roof - White ins	004												
Roof chimney Neat tar	005												
Cafe Roof tar	006												
Near chimney ins	007												
Cafe Roof ins	008												
Gym ins	009												
Gravel roof TOP	014												
REMARKS: Hillcrest Middle school 536 Daniels Farm Rd Trumbull school STOP ON 1 ST POSITIVE								<input checked="" type="checkbox"/> Accept Samples <input type="checkbox"/> Reject Samples		Samples will be disposed of 30 days after analysis, unless otherwise requested.			
Relinquished By: Don	Date / Time: 5/22/10	Received By: AC					Date / Time: 3/24/10 9:20						
Relinquished By:	Date / Time:	Received By:					Date / Time:						

missing 010-013
over for more

015 Top Layer

016 Gravel Roof Ins

017 Gravel Roof-felt