



21 Griffin Road North
Windsor, CT 06095-1512

860.298.9692 PHONE
860.298.6380 FAX

www.TRCSolutions.com

October 31, 2008

Ms. Marilyn Banz
Department of Public Works
Room G-2
165 Capitol Avenue
Hartford, CT 06106

Re: Survey Report for 18-20 Trinity Street, Hartford, Connecticut
Project No.: 2B-08-22
DPW Building No.: 19360
TRC Project No.: 106957-9170-0001

Dear Ms. Banz:

Enclosed are two copies of the report for the asbestos survey conducted in October, 2008 at 18-20 Trinity Street.

Please contact me at (860) 298-6222 if have any questions concerning the report.
Very truly yours,

TRC

A handwritten signature in cursive script that reads "Donald LePage".

Donald LePage
Project Manager

cc: James Sinclair, DPW



**PRE-RENOVATION
INVESTIGATIVE SURVEY FOR
ASBESTOS-CONTAINING MATERIALS
18-20 TRINITY STREET
HARTFORD, CONNECTICUT**

**Project No. 2B-08-22
DPW No. 19360**

Prepared for
State of Connecticut
Department of Public Works
Hartford, Connecticut

Prepared by
TRC
Windsor, Connecticut

A handwritten signature in black ink, reading "Donald LePage", is written over a horizontal line.

Donald LePage
Project Manager

TRC Project No. 106957-9170-0001
October 28, 2008

TRC
21 Griffin Road North
Windsor, Connecticut 06095
Telephone (860) 298-9692
Facsimile (860) 298-6399

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EXECUTIVE SUMMARY

On October 2, 2008 TRC of Windsor, Connecticut conducted a limited inspection for suspect asbestos-containing materials (ACM) at the Freedom of Information Office at 18-20 Trinity Street in Hartford, Connecticut. The inspection was initiated prior to planned renovation activities in accordance with USEPA Asbestos National Emissions Standard for Hazardous Air Pollutants (NESHAPS) requirements.

The scope of the inspection was limited to the damaged exterior window systems of two first floor offices at the subject building. A Connecticut licensed asbestos inspector from TRC conducted the inspection in accordance with USEPA AHERA protocols and ASTM Standard E2356-04. Bulk samples of suspect materials were collected and analyzed via polarized light microscopy (PLM) and transmission electron microscopy (TEM) methods at CTDPH/NVLAP accredited laboratories. ACM was identified as exterior window glazing/caulking in the subject area. ACM to be impacted by renovation activities must be removed prior to disturbance in accordance with OSHA, USEPA, CTDPH, and CTDEP standards for asbestos abatement/disposal. Detailed results of the asbestos survey can be found in Tables 1-3 and Appendices A through E.

PROJECT OUTLINE

Project Address: 18-20 Trinity Street
Hartford, CT

DAS Contract No. 03PSX0346E

DPW Project Manager James Sinclair

DPW Project No.: 2B-08-22

DPW Building No: 19360

TRC Project No.: 106957-9170-0001

TRC Project Manager: Don LePage

Asbestos Inspector: Stephen Arienti (LIC #000583)

Date of Inspection: 10/2/08

Asbestos Identified: Yes

Additional Notes:

The site investigation was limited to the collection and analysis of suspect asbestos-containing materials from the damaged exterior windows of two first-floor offices (Freedom of Information Offices).

TABLES

**TABLE 1
BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS
18-20 TRINITY STREET
HARTFORD, CONNECTICUT**

Sample No.	Sample Location	Homogeneous Material	% and Type Asbestos
1	1 st floor – northeast side of building	Exterior window glazing on large 10-pane top/bottom windows	1.32% anthophyllite ¹
2	1 st floor – northeast side of building	Exterior window glazing on large 10-pane top/bottom windows	ND<1%
3	1 st floor – northeast side of building	Exterior window caulking on large 10-pane top/bottom windows	3% chrysotile 10% anthophyllite
4	1 st floor – northeast side of building	Exterior window caulking on large 10-pane top/bottom windows	ND<1%

NA/PVA Not analyzed/positive via inseparable association with a confirmed positive ACM

NA/PS Not analyzed/positive stop, homogeneous to sample proven to contain asbestos

ND<1% Non-detected, less than 1%

NAD No asbestos detected

+ Although found to be negative by analysis, material is homogeneous to a determined ACM and therefore must be considered positive

1 NOB material; result confirmed by TEM analyses

* Quantified by PLM Point Counting techniques

TABLE 2
IDENTIFIED ASBESTOS CONTAINING MATERIALS (>1%)
18-20 TRINITY STREET
HARTFORD, CONNECTICUT

Material	Sampled-Assumed (mo/yr)	General Location	NESHAP Category	AHERA Category	Estimated Quantity
Exterior window glazing on large 10-pane top/bottom windows	Sampled 10/08	1 st floor – northeast side of building	Category II Non-friable	Miscellaneous	2 EA
Exterior window caulking on large 10-pane top/bottom windows	Sampled 10/08	1 st floor – northeast side of building	Category II Non-friable	Miscellaneous	2 EA

AHERA Categories = thermal system insulation (TSI), surfacing material or miscellaneous
NESHAP Categories = friable, category I non-friable or category II non-friable
Friable = crumbled, pulverized or reduced to powder by hand pressure when dry
Category I Non-friable = packings, gaskets, resilient floor covering and asphalt roofing
Category II Non-friable = all non-friable that is not Category I

**TABLE 3
CONFIRMED NON-ASBESTOS CONTAINING MATERIALS
18-20 TRINITY STREET
HARTFORD, CONNECTICUT**

Material	General Location
NO NON-ASBESTOS CONTAINING MATERIALS WERE IDENTIFIED IN THE SUBJECT AREA	

APPENDIX A

SITE SKETCH



SUBJECT DPW-19-20 Trinity St Hartford CT

SHEET NO. _____ OF _____

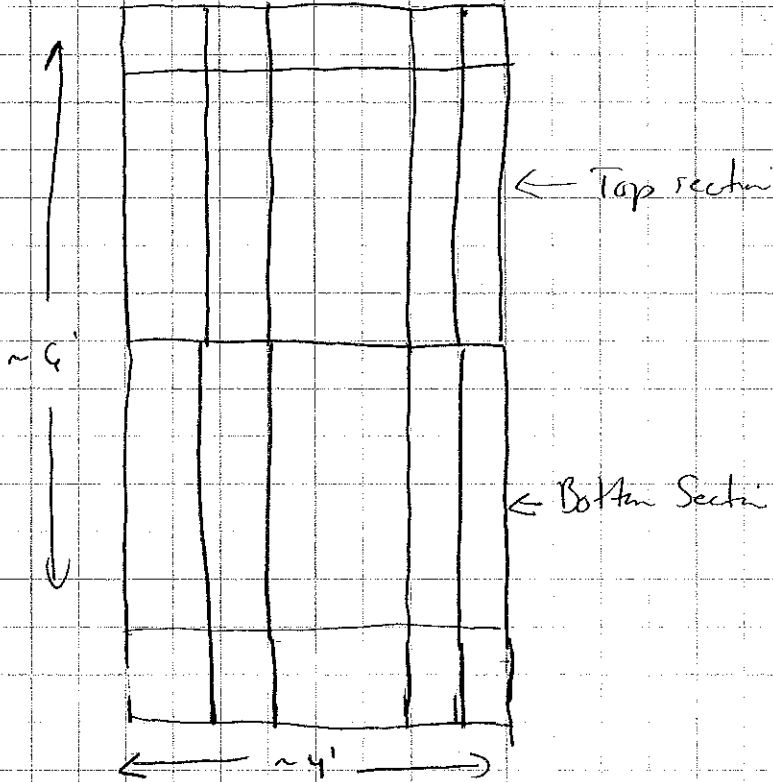
PROJECT NO. _____

DATE 10/2/08

BY SA

CHK'D _____

1ST floor - North east side
Window system



- 2 office here
panes falling out
of window system
glazing is failing

APPENDIX B

LABORATORY AND INSPECTOR ACCREDITATIONS

Dear Licensed/Certified Professional,
 Attached you will find your validated license/certification for the coming year. Should you have any questions about your license/certificate renewal, please do not hesitate to write or call:

Department of Public Health (860) 509-7603
 P.O. Box 340308 http://www.dph.state.ct.us
 M.S.#12MQA
 Hartford, CT 06134-0308

Sincerely,

J. Robert Galvin, MD, MPH, MDA

J. ROBERT GALVIN, MD, MPH, COMMISSIONER
 DEPARTMENT OF PUBLIC HEALTH

0006061 FP **PRSRT T6 0 0964 06450
 STEPHEN R. ARIENTI
 63 PINEHURST DRIVE
 MERIDEN CT 06450

INSTRUCTIONS:

1. Detach and sign each of the cards on this form.
2. Display the large card in a prominent place in your office or place of business.
3. The wallet card is for you to carry on your person. If you do not wish to carry the wallet card, place it in a secure place.

4. The employer's copy is for persons who must maintain current licensure/certification in order to obtain employment or privileges. The employer's card is to be presented to the employer and kept by them as a part of your personnel file. Only one copy of this card can be supplied to you.

EMPLOYER'S COPY

STATE OF CONNECTICUT
 DEPARTMENT OF PUBLIC HEALTH

NAME: STEPHEN R. ARIENTI
 LICENSE NO.: 000583
 CURRENT THROUGH: 04/30/09

PROFESSION: ASBESTOS CONSULTANT-INSPECTOR

SIGNATURE: *[Signature]*
 COMMISSIONER: *J. Robert Galvin, MD, MPH, MDA*

VALIDATION NO.: 03-657524

WALLET CARD

STATE OF CONNECTICUT
 DEPARTMENT OF PUBLIC HEALTH

NAME: STEPHEN R. ARIENTI
 LICENSE NO.: 000583
 CURRENT THROUGH: 04/30/09

PROFESSION: ASBESTOS CONSULTANT-INSPECTOR

SIGNATURE: *[Signature]*
 COMMISSIONER: *J. Robert Galvin, MD, MPH, MDA*

VALIDATION NO.: 03-657524

STATE OF CONNECTICUT
 DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT
 THE INDIVIDUAL NAMED BELOW IS LICENSED
 BY THIS DEPARTMENT AS A
 ASBESTOS CONSULTANT-INSPECTOR

NAME: STEPHEN R. ARIENTI
 LICENSE NO.: 000583
 CURRENT THROUGH: 04/30/09
 VALIDATION NO.: 03-657524

SIGNATURE: *[Signature]*
 COMMISSIONER: *J. Robert Galvin, MD, MPH, MDA*

CERTIFICATE OF ACHIEVEMENT

This certifies that

Stephen Arienti

has successfully completed the
**Asbestos Site Inspector Refresher Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763**

conducted by

**ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070**

Gregory J. Morach
Principal Instructor

January 3, 2008

Date of Course

January 3, 2009

Expiration Date

Gregory J. Morach
Regional Manager

SIAR-2645

Certificate Number

January 3, 2008

Examination Date

State of Connecticut, Department of Public Health

Approved Environmental Laboratory

THIS IS TO CERTIFY THAT THE LABORATORY DESCRIBED BELOW HAS BEEN APPROVED BY THE STATE DEPARTMENT OF PUBLIC HEALTH PURSUANT TO APPLICABLE PROVISIONS OF THE PUBLIC HEALTH CODE AND GENERAL STATUTES OF CONNECTICUT, FOR MAKING THE EXAMINATIONS, DETERMINATIONS OR TESTS SPECIFIED BELOW WHICH HAVE BEEN AUTHORIZED IN WRITING BY THAT DEPARTMENT.

TRC ENVIRONMENTAL CORPORATION

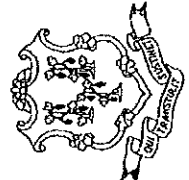
LOCATED AT 21 Griffin Road North IN Windsor, CT 06095
AND REGISTERED IN THE NAME OF Eric Plimpton

THIS CERTIFICATE IS ISSUED IN THE NAME OF Kathleen Williamson WHO HAS BEEN DESIGNATED BY THE REGISTERED OWNER/AUTHORIZED AGENT TO BE IN CHARGE OF THE LABORATORY WORK COVERED BY THIS CERTIFICATE OF APPROVAL AS FOLLOWS:

ASBESTOS
AIR-FIBER COUNTING - PCM
BULK IDENTIFICATION - PLM

SEE COMPUTER PRINT-OUT FOR SPECIFIC TESTS APPROVED

THIS CERTIFICATE EXPIRES December 31, 2009 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH DATED AT HARTFORD, CONNECTICUT, THIS 4th DAY OF January, 2008

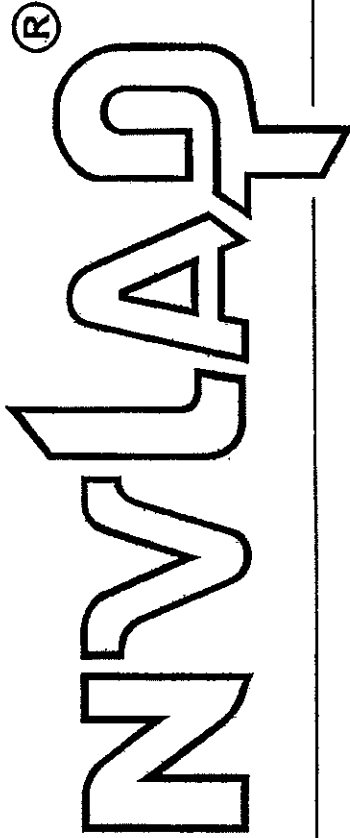


Registration
No. PH-0426

A handwritten signature in black ink, appearing to read "Suzanne Blancaflor".

SUZANNE BLANCAFLOR, MS
CHIEF, ENVIRONMENTAL HEALTH SECTION

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101424-0

TRC Environmental Corporation
Windsor, CT

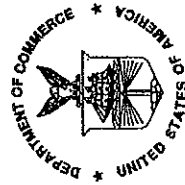
is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:

BULK ASBESTOS FIBER ANALYSIS

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communiqué dated 18 June 2005).*

2008-07-01 through 2009-06-30

Effective dates



Dolly A. Bruce
For the National Institute of Standards and Technology



**National Voluntary
Laboratory Accreditation Program**



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

TRC Environmental Corporation
21 Griffin Road North
Windsor, CT 06095
Ms. Kathleen Williamson
Phone: 860-298-9692 Fax: 860-298-6399
E-Mail: kwilliamson@trcsolutions.com
URL: <http://www.trcsolutions.com>

BULK ASBESTOS FIBER ANALYSIS (PLM)

NVLAP LAB CODE 101424-0

NVLAP Code Designation / Description

18/A01 EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

2008-07-01 through 2009-06-30

Effective dates

Sally S. Bruce

For the National Institute of Standards and Technology

State of Connecticut, Department of Public Health Approved Environmental Laboratory

THIS IS TO CERTIFY THAT THE LABORATORY DESCRIBED BELOW HAS BEEN APPROVED BY THE STATE DEPARTMENT OF PUBLIC HEALTH PURSUANT TO APPLICABLE PROVISIONS OF THE PUBLIC HEALTH CODE AND GENERAL STATUTES OF CONNECTICUT, FOR MAKING THE EXAMINATIONS, DETERMINATIONS OR TESTS SPECIFIED BELOW WHICH HAVE BEEN AUTHORIZED IN WRITING BY THAT DEPARTMENT.

PROSCIENCE ANALYTICAL SERVICES, INC.

LOCATED AT 22 Cummings Park IN Woburn, MA 01801

AND REGISTERED IN THE NAME OF Adrian Stanca
Adrian Stanca - Director WHO HAS BEEN DESIGNATED

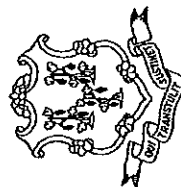
THIS CERTIFICATE IS ISSUED IN THE NAME OF Martha Kneizys - Co-Director Chemistry
BY THE REGISTERED OWNER/AUTHORIZED AGENT TO BE IN CHARGE OF THE LABORATORY WORK COVERED BY THIS CERTIFICATE OF APPROVAL AS FOLLOWS:

NON-POTABLE WATER / WASTEWATER, SOLID WASTE/SOIL ENVIRONMENTAL HEALTH & HOUSING ASBESTOS
INORGANICS LEAD IN PAINT AIR

LEAD (PAINT) IN SOIL BULK MATERIALS
LEAD IN DUST WIPES WATER

SEE COMPUTER PRINT-OUT FOR SPECIFIC TESTS APPROVED

THIS CERTIFICATE EXPIRES December 31, 2008 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH
DATED AT HARTFORD, CONNECTICUT, THIS 20th DAY OF December 2006

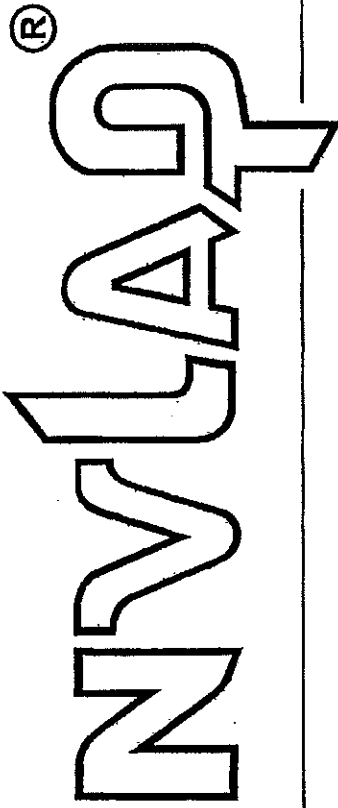


Registration No.

PH-0209

SUZANNE BLANCAFLOR, MS
CHIEF, ENVIRONMENTAL HEALTH SECTION

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200090-0

ProScience Analytical Services, Inc.
Woburn, MA

is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:

BULK ASBESTOS FIBER ANALYSIS

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communiqué dated 18 June 2005).*

2008-01-01 through 2008-12-31

Effective dates



Dolly A. Bruce
For the National Institute of Standards and Technology



**National Voluntary
Laboratory Accreditation Program**



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ProScience Analytical Services, Inc.
22 Cummings Park
Woburn, MA 01801-2122
Mr. Adrian Stanca
Phone: 781-935-3212 Fax: 781-932-4857
E-Mail: kobab@aol.com
URL: <http://www.proscience.net>

BULK ASBESTOS FIBER ANALYSIS (PLM)

NVLAP LAB CODE 200090-0

NVLAP Code Designation / Description

18/A01 EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

2008-01-01 through 2008-12-31

Effective dates

Dolly S. Bruce

For the National Institute of Standards and Technology

APPENDIX C

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORMS



21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. **36052**

PROJECT NUMBER 106957. 9170 .0001	PROJECT NAME CTDPW - 18-20 Trinity Street Hartford, CT	TURNAROUND TIME			
		PLM:	<input checked="" type="checkbox"/> 24hr	<input checked="" type="checkbox"/> 48hr	<input type="checkbox"/> 3day
		TEM:	<input checked="" type="checkbox"/> 24hr	<input checked="" type="checkbox"/> 48hr	<input type="checkbox"/> 3day
					<input type="checkbox"/> 5day

INSPECTOR: (SIGNATURE) 	(PRINTED) Stephen Arienti		MATERIAL			
	TYPE	COM				
FIELD SAMPLE NUMBER	DATE	TIME				
01	10/2/08	0930				Exterior window glazing on large 10 pane top/bottom windows
02	10/2/08	0930				Exterior window glazing on large 10 pane top/bottom windows
03	10/2/08	0930				Exterior window caulking on large 10 pane top/bottom windows
04	10/2/08	0930				Exterior window caulking on large 10 pane top/bottom windows

PARAMETERS				
PLM NY NOB 198.1 (w/ gravimetric reduction) (POSITIVE STOP)				
ANALYZE BY LAYER				
POINT COUNT (IF > 1% & < 10%)				
TEM NY NOB 198.4 (IF PLM SERIES NEG)				

Relinquished by: (Signature) 	Date:	10/2/08	Received by: (Signature) 	Date:	10/2/08	Received by: (Signature)
Stephen Arienti	Time:	1200	(Printed)	Time:	1600	(Printed)
Remarks:				Condition of Samples: Acceptable: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Page 1 of 1

APPENDIX E

TEM LABORATORY ANALYSIS DATA

ProScience Analytical Services, Inc

22 Cummings Park, Woburn, Massachusetts 01801
 781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail: general@proscience.net

Method: TEM NOB
 Batch: NT 10642
 Date Analyzed: 10/8/2008
 Date Received: 10/6/2008
 Date of Report: 10/8/2008

Client #: 297
 Client Project: 109957.9170.0001
 Client Reference: CT DPW - 18-20 Trinity Street, Hartford, CT
 Client Name: TRC Environmental Corp. (CT)

LAB ID	Field ID	Description:	Color	Initial Sample Weight	% Asbestos Types					TRE	Other Non-ash	% Carb.	Total % Asbestos	Analyzed /Charged	Preped/ Charged
					CHR	AMO	ACT	CRO	ANT						
NT8165f	01	Glazing		.2005	.00	.00	.00	.00	1.32	.00	13.17	80.25	1.32	Yes	No

Comments:

Roland Holacsek, Analyst

Asbestos Codes: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected