SURVEY REPORT

PRE-RENOVATION INVESTIGATIVE SURVEY FOR HAZARDOUS BUILDING MATERIALS

SALT SHED ROOF REPLACEMENTS PROJECT 5 NORTH CANAAN & THOMASTON, CONNECTICUT

Project No. 170-1877

Prepared for

State of Connecticut
Department of Transportation
Newington, Connecticut

Prepared by

TRC
Windsor, Connecticut

Issued
August 2011

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Erik R. Plimpton, P.E., CHMM
Program Manager

Edmund J. Burke, P.E.
Engineer in Charge

TRC Project No. 151990.4154.0710
Issued-August 2011

TRC
21 Griffin Road North
Windsor, Connecticut 06095
Telephone (860) 298-9692
Facsimile (860) 298-6380

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PROJECT OUTLINE

DOT Project No.:	170-1877
Assignment No.:	503-4154
DOT Project Manager:	Amie Maines, P.E.
Site Address:	Salt Shed Roof Replacements – Project 5 North Canaan & Thomaston, CT
TRC Project No.:	151990.4154.0710
Asbestos Inspector:	Robert Belding (LIC #000690) Hilton Hernandez (LIC #000424)
Lead Inspector:	Robert Belding (LIC #002210)
Date(s) of Inspection:	7/5/11

Asbestos Identified:	None
Lead Paint Identified:	None
Gen. Bldg. Mat. Haz Waste:	No, per EPA/CTDEP memo dated January 26, 2004
Add'l Haz./Reg. Mat./Waste/Items:	Yes (See Table 6)

Haz/Reg Materials/Wastes/Items Removal Cost Estimate: **~$ 2,000 (if all materials removed)**

Additional Notes:

The properties consist of one-story salt storage sheds which will undergo roof replacement and associated repair projects. Asphalt shingles are to be removed and replaced with a PVC roof system; louvers will be installed in the rear wall of the sheds, mega-doors will be removed along with other minor improvements. No utilities or water/sanitary systems service the buildings. There are electrical lines from the ground into the A-wall of the Thomaston salt shed as well as on the D-wall near the A/D corner. There is a magnesium chloride storage tank located on the exterior of the North Canaan salt shed.

TABLES

TABLE 1 BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS SALT SHED ROOF REPLACEMENTS – PROJECT 5 NORTH CANAAN & THOMASTON, CONNECTICUT			
Sample No.	**Sample Location**	**Type of Homogeneous Material**	**% and Type Asbestos**
North Canaan Salt Shed			
1	Exterior roof	Brown stone asphalt shingle (RF1)	ND<1%[1]
2	Exterior roof	Brown stone asphalt shingle (RF1)	ND<1%
3	Exterior roof	Black vapor barrier under RF1 (VB1)	ND<1%[1]
4	Exterior roof	Black vapor barrier under RF1 (VB1)	ND<1%
5	Exterior walls	Pink vapor barrier under shakes (VB2)	ND<1%
6	Exterior walls	Pink vapor barrier under shakes (VB2)	ND<1%
7	Interior walls	Black tar-like beam sealant (S1)	ND<1%[1]
8	Interior walls	Black tar-like beam sealant (S1)	ND<1%
Thomaston Salt Shed			
1	Exterior roof	Red with grey stone asphalt shingle (RF1)	ND<1%[1]
2	Exterior roof	Red with grey stone asphalt shingle (RF1)	ND<1%
3	Exterior roof	Black with grey stone asphalt shingle (RF2)	ND<1%[1]
4	Exterior roof	Black with grey stone asphalt shingle (RF2)	ND<1%
5	Exterior roof	Black vapor barrier under RF1 (VB1)	ND<1%[1]
6	Exterior roof	Black vapor barrier under RF1 (VB1)	ND<1%
7	Exterior walls	Black vapor barrier under shakes (VB2)	ND<1%[1]
8	Exterior walls	Black vapor barrier under shakes (VB2)	ND<1%
9	Interior walls	Black tar-like beam sealant (S1)	ND<1%[1]
10	Interior walls	Black tar-like beam sealant (S1)	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 Result confirmed by TEM analyses
* Quantified by PLM Point Counting techniques

TABLE 2 IDENTIFIED ASBESTOS CONTAINING MATERIALS (>1%) SALT SHED ROOF REPLACEMENTS – PROJECT 5 NORTH CANAAN & THOMASTON, CONNECTICUT					
Material	**Sampled/ Assumed (mo/yr)**	**General Location**	**NESHAP Category**	**AHERA Category**	**Estimated Quantity**
NO ASBESTOS CONTAINING MATERIALS WERE IDENTIFIED IN THE SUBJECT AREA					

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 (<1%) SALT SHED ROOF REPLACEMENTS – PROJECT 5 NORTH CANAAN & THOMASTON, CONNECTICUT	
Material	**General Location**
North Canaan Salt Shed	
Brown stone asphalt shingle (RF1)	Exterior roof
Black vapor barrier under RF1 (VB1)	Exterior roof below RF1
Pink vapor barrier under shakes (VB2)	Exterior walls under shakes
Black tar-like beam sealant (S1)	Interior walls
Thomaston Salt Shed	
Red with grey stone asphalt shingle (RF1)	Exterior roof
Black with grey stone asphalt shingle (RF2)	Exterior roof – one strip across bottom edge of roof on each side
Black vapor barrier under RF1 (VB1)	Exterior roof
Black vapor barrier under shakes (VB2)	Exterior walls
Black tar-like beam sealant (S1)	Interior walls

** However, associated layers are positive.*

TABLE 4 SUMMARY OF LEAD PAINT XRF MEASUREMENTS SALT SHED ROOF REPLACEMENTS – PROJECT 5 NORTH CANAAN & THOMASTON, CONNECTICUT					
Structure	**No. of Measurements**	**Calibrations**	**Void**	**Lead Detected**	**No Lead Detected**
North Canaan Salt Shed*	3	3	0	0	0
Thomaston Salt Shed	8	5	0	1	2

See Lead Paint XRF Measurement Table in Appendix H.

*No painted surfaces noted at North Canaan Salt Shed

TABLE 5 SUMMARY OF COMPOSITE BUILDING MATERIAL WASTE CHARACTERIZATION SALT SHED ROOF REPLACEMENTS – PROJECT 5 NORTH CANAAN & THOMASTON, CONNECTICUT			
Waste Stream	**Metal**	**mg/L Leachate**	**Hazardous/Non-Hazardous**
Salt Sheds Bldg. Material Composite (Excluding metal substrates)	**No TCLP sample for Lead warranted as XRF readings on non-metallic components were all below 1.0 mg/cm^2 and therefore the debris is presumed as non-hazardous per CTDEP/USEPA clarification memo of January 26, 2004.**		

Note: Any metal components should be recycled to promote waste minimization efforts, rather than disposed of, and the recycling operation is exempt from the USEPA RCRA and CTDEP Hazardous Waste regulations.

See Appendix I for CTDEP/USEPA clarification memo of January 26, 2004.

BDL - Below Detection Limit
ND - Not Detected

TABLE 6 INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED SALT SHED ROOF REPLACEMENTS – PROJECT 5 NORTH CANAAN & THOMASTON, CONNECTICUT				
Quantity	**Size**	**Material/Item**	**General Location**	**Potential Hazard**
North Canaan Salt Shed				
Seventeen (17)		Halogen lights	North Canaan Salt Shed interior/exterior	UW – Hg lamps
One (1)	5 gal	Latex-ite airport grade driveway sealer	North Canaan Salt Shed	CRW – waste chemical liquid
One (1)	5,000 gal	MgCl tank	Exterior	CRW – waste chemical liquid
Thomaston Salt Shed				
Sixteen (16)		Halogen lights	Thomaston Salt Shed	UW – Hg lamps

CRW- Connecticut Regulated Waste – PCBs (CR01), Oils (CR02/CR03), waste chemical liquids - antifreeze, latex & solvent paints, sludges, etc. (CR04), waste chemical solids (CR05)
UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
IH- Inhalation hazard (silicas, etc.)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140°F) (D001)
C- Corrosive - may contain ingredients which are alkaline or acidic (materials with a PH<2 or >12.5) (D002)
T- Toxic - may contain ingredients which are harmful if swallowed or which release vapors that can cause irritation
R- Reactive – may contain ingredients which are unstable, react violently with water or are explosive (D003)

APPENDIX A

SITE PHOTOS

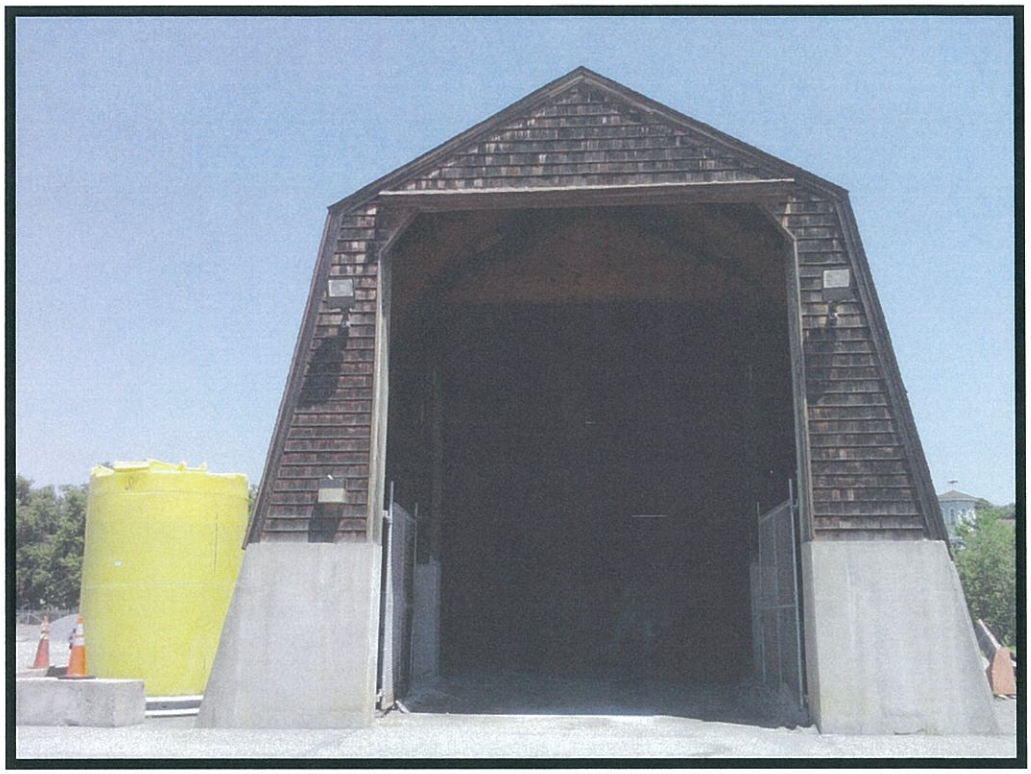


PHOTO 1
North Canaan Salt Shed: A Side.

PHOTO 2
North Canaan Salt Shed: B Side.

NORTH CANAAN SALT SHED

TRC

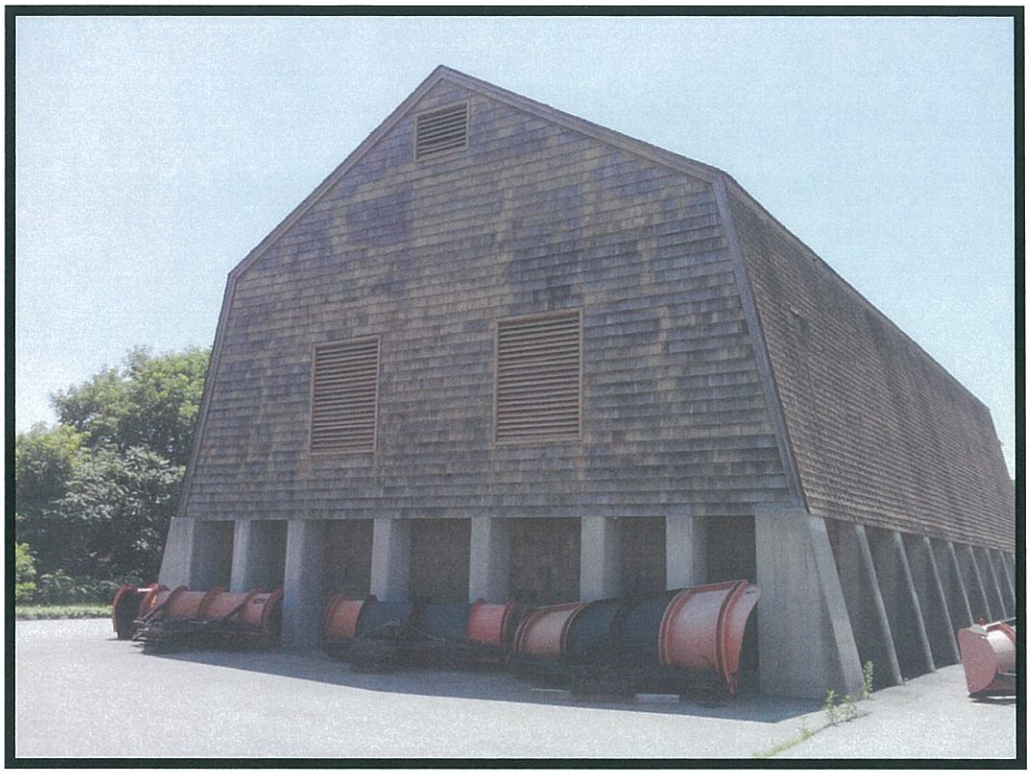


PHOTO 3
North Canaan Salt Shed: C Side.

PHOTO 4
North Canaan Salt Shed: D Side.

THOMASTON SALT SHED

PHOTO 1
Thomaston Salt Shed: A Side.

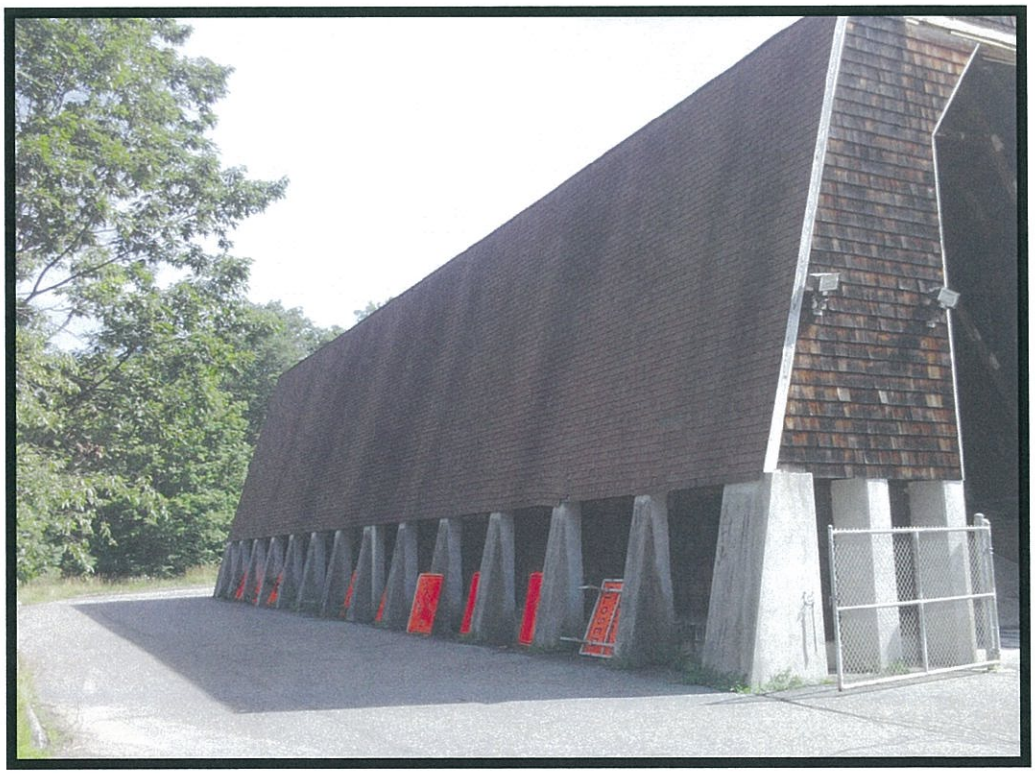


PHOTO 2
Thomaston Salt Shed: B Side.

TRC

PHOTO 3
Thomaston Salt Shed: C/D Sides.

THOMASTON SALT SHED

TRC

APPENDIX B

SITE SKETCHES

SHEET NO. _____ OF _____

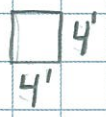
PROJECT NO. _____

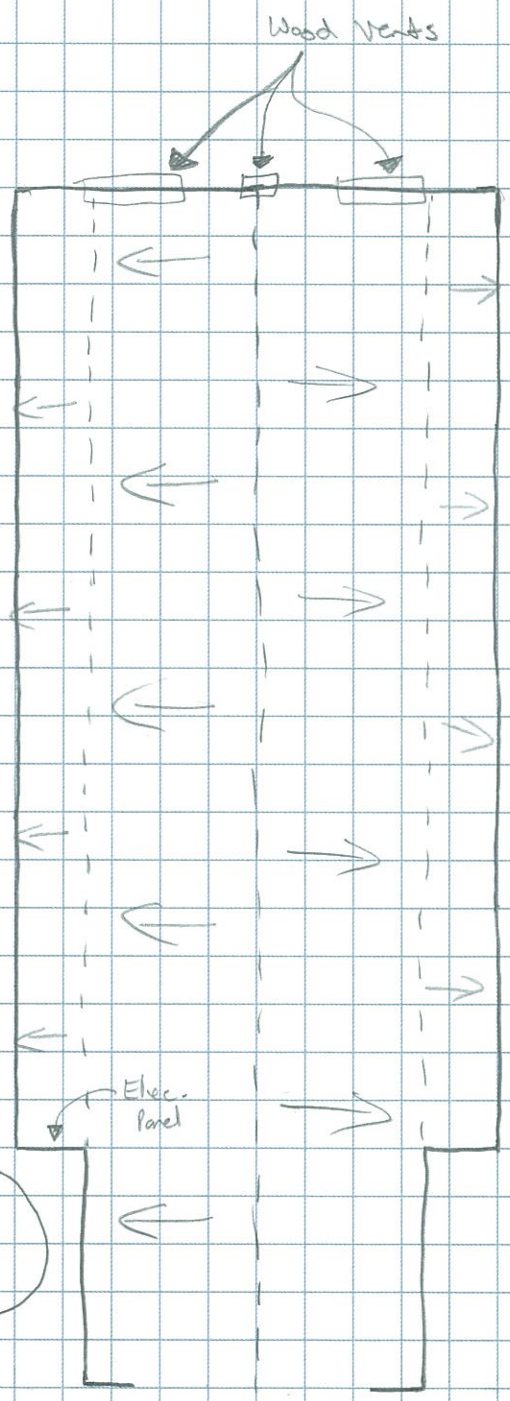
DATE 7/5/11

BY _____

SUBJECT Salt Shed - North Canaan

CHK'D _____





- 36" to peak
- Colums are 1½' Thick
- Corner Columns are 3' Thick
- Wood Shake Siding
- Asphalt Shingle Roofing
- Interior Walls are wood beams

No Painted Surfaces

Tank of Magnesium Chloride

A

SHEET NO. _____ OF _____

PROJECT NO. _____

DATE 7/5/11

BY _____

SUBJECT Salt Shed - North Canaan

CHK'D _____

HAZ WASTE

- Halogen Lights (17) → Interior & Exterior
- 5 gal. Latex-ite Driveway Sealer (Airport Grade)

RF1 - Red with grey specs Asphalt Shingle
VB1 - Black Vapor barrier under Roof (RF1)
VB2 - Pink Vapor barrier under wood shakes
S1 - Black Sealant between interior Wood Beams

A

SHEET NO. _____ OF _____

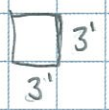
PROJECT NO. _____

DATE 7/5/11

BY _____

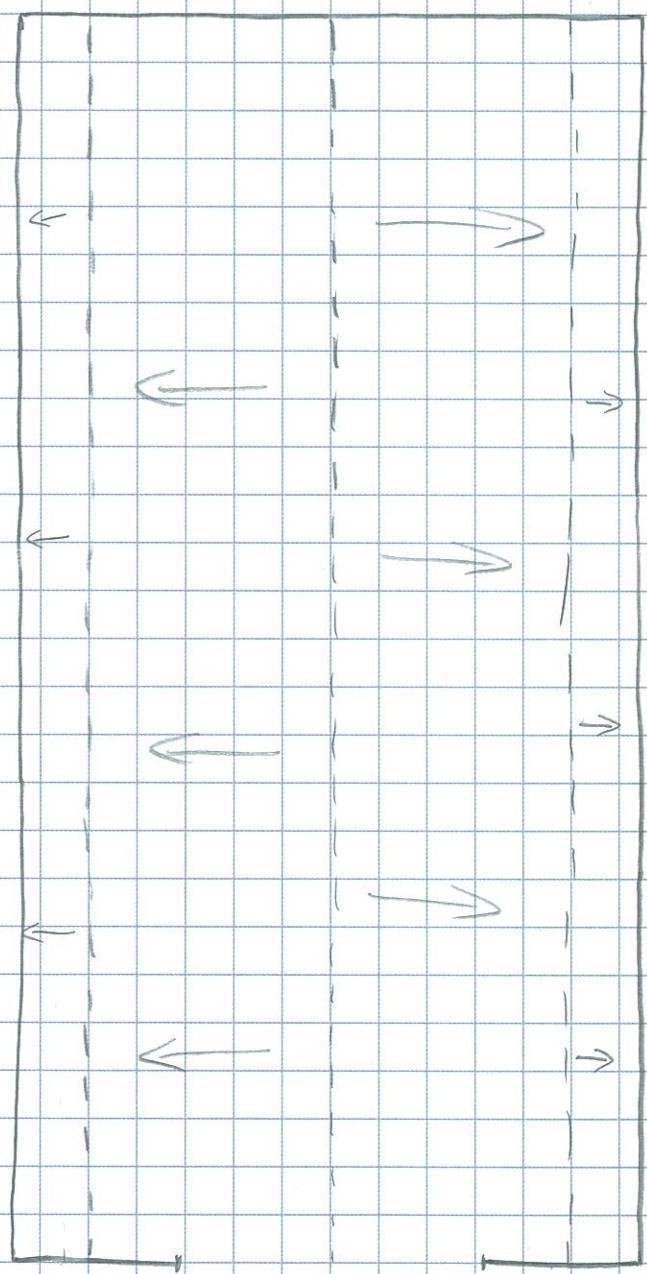
SUBJECT Salt Shed - Thomaston

CHK'D _____



- 40' Peak
- Columns are 1 ½' Thick
- Corner Columns are 3' Thick

- 8'H Wood Beam Walls on Interior



- Wood Shakes for Exterior Siding

- Asphalt Shingle ( ) 1 layer for Roofing

A

A

SHEET NO. _____ OF _____

PROJECT NO. _____

DATE _____

BY _____

CHK'D _____

SUBJECT Salt Shed - Thomaston

HAZ WASTE

- Halogen Lights (15)
- Electrical lines from ground into the building in front (A wall) to right of bay door & on D wall near the A/D corner

---

RF1 - Red w/ Grey Stone Asphalt Shingle
RF2 - Black w/ Grey Stone Asphalt Shingle → 1 strip across bottom edge of roof on each side
VB1 - Black Vapor Barrier Under Roof
VB2 - Black Paper Vapor Barrier
S1 - Black Tar-Like Sealant between Interior wood beams

A

APPENDIX C

TRC INSPECTORS LICENSES/CERTIFICATIONS

0001984 FP **PRSRT T7 0 1364 06066
ROBERT W. BELDING
210 REGAN ROAD, APT. 38B
VERNON CT 06066

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
M.S.#12MQA **http://www.dph.state.ct.us**
Hartford, CT 06134-0308

Sincerely,

J Robert Galvin, MD, MPH, MBA

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

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 demonstrate current licensure/certification in order to retain 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.

VOID

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT
THE INDIVIDUAL NAMED BELOW IS CERTIFIED
BY THIS DEPARTMENT AS A
LEAD INSPECTOR RISK ASSESSOR

CERTIFICATION NO.
002210
CURRENT THROUGH
08/31/11
VALIDATION NO.
03-105278

ROBERT W. BELDING

SIGNATURE J Robert Galvin, MD, MPH, MBA COMMISSIONER

EMPLOYER'S COPY

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
NAME
ROBERT W. BELDING

VALIDATION NO.	CERTIFICATION NO.	CURRENT THROUGH
03-105278	002210	08/31/11

PROFESSION
LEAD INSPECTOR RISK ASSESSOR

SIGNATURE J Robert Galvin, MD, MPH, MBA COMMISSIONER

WALLET CARD

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
NAME
ROBERT W. BELDING

VALIDATION NO.	CERTIFICATION NO.	CURRENT THROUGH
03-105278	002210	08/31/11

PROFESSION
LEAD INSPECTOR RISK ASSESSOR

SIGNATURE J Robert Galvin, MD, MPH, MBA COMMISSIONER

CERTIFICATE OF ACHIEVEMENT

This certifies that

Robert Belding
210 Regan Road #38B, Vernon, CT 06066
002-68-2030

has successfully completed the

INSPECTOR RISK ASSESSOR REFRESHER

Training Course
conducted by
ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

December 9, 2010
Date of Course

December 9, 2010
Exam Date

CTLIRAR-281
Certificate Number

December 9, 2011
Expiration Date

Training Manager

Training received complies with the requirements of the Connecticut Department of Public Health pursuant to Section 477 of the Connecticut General Statutes.

0001985 FP **PRSRT T7 0 1364 06066
ROBERT W. BELDING
210 REGAN ROAD, APT. 38B
VERNON CT 06066

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
M.S.#12MQA **http://www.dph.state.ct.us**
Hartford, CT 06134-0308

Sincerely,

J. Robert Galvin, MD, MPH, MBA

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

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 demonstrate current licensure/certification in order to retain 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.

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

ROBERT W. BELDING

LICENSE NO.
000690
CURRENT THROUGH
08/31/11
VALIDATION NO.
03-105279

SIGNATURE COMMISSIONER

EMPLOYER'S COPY
STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
NAME
ROBERT W. BELDING

VALIDATION NO.	LICENSE NO.	CURRENT THROUGH
03-105279	000690	08/31/11

PROFESSION
ASBESTOS CONSULTANT-INSPECTOR

SIGNATURE COMMISSIONER

WALLET CARD
STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
NAME
ROBERT W. BELDING

VALIDATION NO.	LICENSE NO.	CURRENT THROUGH
03-105279	000690	08/31/11

PROFESSION
ASBESTOS CONSULTANT-INSPECTOR

SIGNATURE COMMISSIONER

CERTIFICATE OF ACHIEVEMENT

This certifies that

Robert Belding

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

Marc Santos

Principal Instructor

July 21, 2011

Date of Course

July 21, 2012

Expiration Date

Gregory J. Morsch

Regional Manager

SIAR - 3900

Certificate Number

July 21, 2011

Examination Date

State of Connecticut

Lookup Detail View

Name

Name
HILTON HERNANDEZ

License Information

License Type	License Number	Expiration Date	Granted Date	License Name	License Status	Licensure Actions or Pending Charges
Asbestos Consultant-Inspector	424	01/31/2012	05/12/2000	Hilton Hernandez	ACTIVE	None

Generated on: 4/1/2011 2:49:08 PM

CERTIFICATE OF ACHIEVEMENT

This certifies that

Hilton Hernandez

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

Marc Santos

Principal Instructor

June 23, 2011

Date of Course

June 23, 2012

Expiration Date

Gregory J. Morach

Regional Manager

SIAR - 3886

Certificate Number

June 23, 2011

Examination Date

APPENDIX D

LABORATORY ACCREDITATIONS

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 Erik 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, 2011 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH

DATED AT HARTFORD, CONNECTICUT, THIS 2nd DAY OF December 2009

Registration No.

PH- 0426

SUZANNE BLANCAFLOR, MS
CHIEF, ENVIRONMENTAL HEALTH SECTION

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

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 Communique dated January 2009).

2010-07-01 through 2011-06-30

Effective dates

DEPARTMENT OF COMMERCE ★ UNITED STATES OF AMERICA ★

Sally S. Bruce

For the National Institute of Standards and Technology

NVLAP-01C (REV. 2009-01-28)

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: 860-298-6392 Fax: 860-298-6214
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

2010-07-01 through 2011-06-30
Effective dates

Sally S. Bruce
For the National Institute of Standards and Technology

NVLAP-01S (REV. 2005-05-19)

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

THIS CERTIFICATE IS ISSUED IN THE NAME OF Adrian Stanca 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:

SOLID WASTE/SOIL
Examination for:
INORGANICS

ASBESTOS
BULK – Identification (PLM)
AIR – Fiber Counting (PCM + TEM)

ENVIRONMENTAL HEALTH & HOUSING
LEAD in PAINT
LEAD (Paint) in SOIL
LEAD in DUST WIPES

SEE COMPUTER PRINT-OUT FOR SPECIFIC TESTS APPROVED

THIS CERTIFICATE EXPIRES DECEMBER 31, 2012 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH

DATED AT HARTFORD, CONNECTICUT, THIS 26th DAY OF JANUARY 2011

Registration No.

PH-0209

SUZANNE BLANCAFLOR, MS
CHIEF, ENVIRONMENTAL HEALTH SECTION

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

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 Communique dated January 2009).

2011-01-01 through 2011-12-31

Effective dates

Sally S. Bruce

For the National Institute of Standards and Technology

NVLAP-01C (REV. 2009-01-28)

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

2011-01-01 through 2011-12-31
Effective dates

Sally S. Bruce
For the National Institute of Standards and Technology

NVLAP-01S (REV. 2005-05-19)

APPENDIX E

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORMS

TRC

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

Edition: October 2009
Supersede Previous Edition

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 39487

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
151990.4154.00710	CT-DOT Salt Sheds North Canaan		PLM: X 8hr ☐ 24hr ☐ 48hr X 3day TEM: X 24hr ☐ 48hr X 3day ☐ 5day
SIGNATURE	INSPECTOR		
[signature]	Robert Belding		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
01	7/5/11	1235		X	Exterior Roof	X					RF1 - Brown stone asphalt shingle
02		1237		X						X	
03		1239		X		X					VB1 - Black vapor barrier under RF1
04		1241		X						X	
05		1244		X	Exterior walls	X					VB2 - Pink vapor barrier under shakes
06		1246		X						X	
07		1230		X	Interior Walls	X					S1 - black tar-like beam sealant
08		1232		X						X	

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	7/5/11	[signature] 7/5/11			
(Printed) Robert Belding	Time: 1430	(Printed) [signature] 1500	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: OK
Acceptable: Yes ✓ No ____
Comments:

NT 12656

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 07/06/11

PO#: **C151990**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 151990.4154.0710

Client Job Ref./Loc.: CT DOT- DOT Salt Shed, North Canaan, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by: Kathy Artore 7-7-11 @ 2:30pm

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: R. Belding

Turn Around Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
01	39487	Shingle	See COC		
03	39487	VB			
07	39487	Sealant			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

TRC

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

Edition: October 2009
Supersede Previous Edition

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 39486

PROJECT NUMBER	PROJECT NAME	SIGNATURE	INSPECTOR
151990.4154.00710	CT-DOT Salt Sheds - Thomaston, CT	[signature]	Robert Belding

TURNAROUND TIME

PLM:	X	8hr		24hr	X	48hr	X	3day
TEM:	X	24hr		48hr	X	3day		5day

PARAMETERS

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
01	7/5/11	0940		X	Exterior Roof	X					RF1 - red w/grey stone Asphalt shingle
02		0945		X						X	
03		0950		X		X					RF2 - Black w/grey stone asphalt shingle
04		0954		X						X	
05		0957		X		X					VB1 - Black vapor barrier under RF1
06		1001		X						X	
07		1021		X	Exterior Walls	X					VB2 - Black vapor barrier under Shakes
08		1025		X						X	
09		1009		X	Interior Walls	X					S1 - Black tar-like beam sealant
10		1014		X						X	

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	7/5/11	[signature] 7/5/11			
(Printed) Robert Belding	Time: 1430	(Printed) [signature] 1500	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples: [signature]
Acceptable: Yes ✓ No ____
Comments:

NT 12657

Proscience Analytical Services, Inc.

22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857

TEM Bulk Chain of Custody Record

Date: 07/06/11

PO#: **C151990**

Analysis Type: Chatfield **EPA N.O.B** Qualitative

Client: TRC

Client Job#: 151990.4154.0710

Client Job Ref./Loc.: CT DOT- DOT Salt Shed, Thomaston, CT

Relinquished by: K. Williamson- KWilliamson@trcsolutions.com

Received by: Kathy Artone 7-7-11 @2:30pm

Report to: E. Plimpton- EPlimpton@trcsolutions.com & EBouley@trcsolutions.com

Samplers Name: R. Belding

Turn Around Time: <12 Hour <24 Hour <48 Hour **<3 Day** 5 Day Other:

					For Lab Use Only
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
01	39486	Shingle	See COC		
03	39486	Shingle			
05	39486	VB			
07	39486	VB			
09	39486	Sealant			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

APPENDIX F

PLM LABORATORY ANALYSIS DATA

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Site: DOT Salt Shed, North Canaan, CT
Lab Log #: 39487
Project #: 151990.4154.0710
Date Received: 07/05/11
Date Analyzed: 07/06/11

RESULTS

Sample No.	Color	Homogeneous	Multi-Layered	Layer No.	Other Matrix Mat'ls	Asbestos %	Asbestos Type
01	Black/Brown/Tan	Yes	No	--	10% fiberglass	ND<1%	None
02	Black/Brown/Tan	Yes	No	--	10% fiberglass	ND<1%	None
03	Black	Yes	No	--	60% cellulose	ND<1%	None
04	Black	Yes	No	--	60% cellulose	ND<1%	None
05	Pink	Yes	No	--	99% cellulose	ND<1%	None
06	Pink	Yes	No	--	99% cellulose	ND<1%	None
07	Black	Yes	No	--	20% cellulose	ND<1%	None
08	Black	Yes	No	--	20% cellulose	ND<1%	None

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace- asbestos was observed at level of less than 1%

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2012. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2012. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyst: Kathleen Williamson

QC Analyst: Kathleen Williamson

Reviewed by: _____
Laboratory Analyst

Approved Signatory: _____
Kathleen Williamson
Laboratory Manager

Date Issued: 7/6/11

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Site: DOT Salt Shed, Thomaston, CT
Lab Log #: 39486
Project #: 151990.4154.0710
Date Received: 07/05/11
Date Analyzed: 07/06/11

RESULTS

Sample No.	Color	Homogeneous	Multi-Layered	Layer No.	Other Matrix Mat'ls	Asbestos %	Asbestos Type
01	Black/Red/Grey	Yes	No	--	10% fiberglass	ND<1%	None
02	Black/Red/Grey	Yes	No	--	10% fiberglass	ND<1%	None
03	Black/Grey	Yes	No	--	10% fiberglass	ND<1%	None
04	Black/Grey	Yes	No	--	10% fiberglass	ND<1%	None
05	Black	Yes	No	--	60% cellulose	ND<1%	None
06	Black	Yes	No	--	60% cellulose	ND<1%	None
07	Black	Yes	No	--	60% cellulose	ND<1%	None
08	Black	Yes	No	--	60% cellulose	ND<1%	None
09	Black	Yes	No	--	20% cellulose	ND<1%	None
10	Black	Yes	No	--	20% cellulose	ND<1%	None

Reporting limit- asbestos present at 1%
ND<1% - asbestos was not detected
Trace- asbestos was observed at level of less than 1%

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, negative results must be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation (1982), and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116), July 1993, R.L. Perkins and B.W. Harvey which utilizes polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2012. TRC is an American Industrial Hygiene Association (AIHA) accredited lab for PLM effective through October 1, 2012. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and the QC data related to the samples is available upon written request from the client.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested.

Analyst: Kathleen Williamson

QC Analyst: Kathleen Williamson

Reviewed by: _____
Laboratory Analyst

Approved Signatory: _____
Kathleen Williamson
Laboratory Manager

Date Issued: 7/6/11

APPENDIX G

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

Client Project #: 151990-4154-0710
Client Reference: CT DOT - DOT Salt Shed - North Canaan, CT
PO #: C151990
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: **NT 12656**
Method: NOB
Date Received: 7/7/2011
Date Analyzed: 7/12/2011
Date of Report: 7/12/2011

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT96336	01	Shingle		.3242	.00	.00	.00	.00	.00	.00	32.45	22.61	44.94	ND	Yes	No
NT96337	03	Vapor Barrier		.0512	.00	.00	.00	.00	.00	.00	1.56	96.29	2.15	ND	Yes	No
NT96338	07	Sealant		.0536	.00	.00	.00	.00	.00	.00	18.28	61.01	20.71	ND	Yes	No

Comments:

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

Mark Derosier, Analyst

ProScience Analytical Services, Inc.

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

Client Project #: 151990-4154-0710
Client Reference: CT DOT - DOT Salt Shed - Thomaston, CT
PO #: C151990
Client #: 297
Client Name: TRC Environmental Corp. (CT)

Batch: NT 12657
Method: NOB
Date Received: 7/8/2011
Date Analyzed: 7/12/2011
Date of Report: 7/12/2011

LAB ID	Field ID	Description:	Color	Initial Weight	% Asbestos Types						% Other Non-asb.	% Organic	% Carb.	Total % Asbestos	Analyzed / Charged	Preped / Charged
					CHR	AMO	ACT	CRO	ANT	TRE						
NT96339	01	Shingle		.2229	.00	.00	.00	.00	.00	.00	31.85	21.09	47.06	ND	Yes	No
NT96340	03	Shingle		.3063	.00	.00	.00	.00	.00	.00	37.19	22.00	40.81	ND	Yes	No
NT96341	05	Vapor Barrier		.0443	.00	.00	.00	.00	.00	.00	.23	98.19	1.58	ND	Yes	No
NT96342	07	Vapor Barrier		.0707	.00	.00	.00	.00	.00	.00	2.55	97.31	.14	ND	Yes	No
NT96343	09	Sealant		.1241	.00	.00	.00	.00	.00	.00	19.67	57.61	22.72	ND	Yes	No

Comments:

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

Mark Derosier, Analyst

APPENDIX H

LEAD PAINT XRF MEASUREMENT TABLE

TRC

Lead Based Paint Measurement Summary Table

Device(s):	Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Site:	DOT Salt Shed Replacements - Project 5: North Canaan & Thomaston, Connecticut
Project # :	151990-4154-0710
Date(s):	7/5/2011
Inspector:	Robert Belding (State of Connecticut License No. 002210)

Number	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
Thomaston Salt Shed												
1	**Shutter calibration**							4.3	0.0		82.38	7/5/2011 9:13
2	**1.0 calibration**							0.9	0.1	1.06	4.15	7/5/2011 9:15
3	**1.0 calibration**							1.1	0.1	1.15	11.26	7/5/2011 9:16
4	**1.6 calibration**							1.4	0.1	1.07	6.73	7/5/2011 9:16
5	**0.3 calibration**							0.3	0.1	1.08	5.26	7/5/2011 9:16
6	Exterior	A	Door	Casing	Wood	White	defective	< LOD	0.0	1	3.77	7/5/2011 10:00
7	Exterior	A	Wall	Trimwork	Wood	White	defective	< LOD	0.0	1	4.13	7/5/2011 10:03
8	Exterior	A	Column	--	Metal	Yellow	defective	**0.1**	0.0	1.28	7.9	7/5/2011 10:03
North Canaan Salt Shed												
9	**1.0 calibration**							1.2	0.1	1.22	11.63	7/5/2011 12:29
10	**1.0 calibration**							1.0	0.1	1.12	20.27	7/5/2011 12:30
11	**1.0 calibration**							1.2	0.2	1.23	4.16	7/5/2011 12:30

All XRF readings <0.1 mg/cm2 = Below Detectable Levels (BDL)

Side A = Street side; Sides B,C,D follow clockwise

APPENDIX I

COMPOSITE BUILDING MATERIAL WASTE CHARACTERIZATION DATA

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

January 26, 2004

Mr. Erik R. Plimpton, P.E., CHMM, Senior Consulting Engineer
TRC Environmental Corporation
5 Waterside Crossing
Windsor, CT 06095

RE: Characterization of lead-based paint debris.

Dear Mr. Plimpton:

Pursuant to our recent discussions by email, I am writing to confirm that the policy elaborated in my July 22, 1997 letter to Steven Murdzia of ATC Associates concerning the use of XRF testing to characterize lead-based paint debris is still in effect. In particular, my statement in that letter that obtaining an XRF reading less than 1.0 mg/cm^2 is sufficient to demonstrate that a given debris is not a hazardous waste is still our current policy.

As noted in my July 22, 1997 letter, this policy is subject to the following limitations:

1.) The material being sampled consists only of building debris (such as painted wood or masonry). Non-debris materials (such as concentrated paint chips, sand blasting debris, or paint stripping wastes) may not be characterized in this manner.

2.) The material being sampled has only surficial lead contamination (i.e. lead-based paint). Materials which have more than just surficial contamination (such as floor boards soaked with lead plating solutions) may not be characterized in this manner.

3.) The material is sampled in accordance with appropriate protocols regarding sampling frequency and location, to ensure that the reading of 1.0 mg/cm^2 or less is truly representative of the material as a whole.

I should also note that this approach is only useful in situations in which all of a particular debris stream does not exceed 1.0 mg/cm^2. If portions of the debris stream exceed 1.0 mg/cm^2, you cannot use this standard to characterize the debris, and must resort to another method (such as composite sampling). In addition, in employing this method to characterize the debris, the areas which had XRF readings under the 1.0 mg/cm^2 limit must not be ignored (since falling below the standard only means they are not hazardous, not that they are lead-free).

My July 22, 1997 letter also addressed the use of the Connecticut Department of Public Health's 0.5 weight percent limit for a "toxic" level of lead under its lead abatement regulations in order to determine whether or not lead-based paint debris is hazardous. Unlike the 1.0 mg/cm^2 XRF standard, the weight percent number is not appropriate for waste characterization purposes, due to a lack of relevant data. The 1.0 mg/cm^2 XRF policy discussed above was based on certain data generated by EPA correlating XRF readings to TCLP sampling of architectural debris.[1] While EPA's data did not show a predictable relationship between these two measures, it did indicate that there was an XRF threshold below which such debris did not contain sufficient lead to fail TCLP. However, there is no similar data establishing a similar threshold for weight percent lead in lead-based paint below which debris does not fail TCLP.

I should also note that we intend to include the above policy in the next revision of our lead-based paint guidance document, Guidance for the Management and Disposal of Lead-Contaminated Materials Generated in the Lead Abatement, Renovation, and Demolition Industries, which was last revised in 1996, prior to the letter to Mr. Murdzia.

Sincerely,

Ross Q. Bunnell, Sanitary Engineer 3
Bureau of Waste Management
Engineering & Enforcement Division

RQB:rqb
Attachment: March, 1993 EPA Guidance Document

1 See in particular the March 1993 EPA guidance document entitled "Applicability of RCRA Disposal Requirements to Lead-Based Paint Abatement Wastes," Page 16, Table II. A copy of this guidance document is attached.

APPENDIX J

RELATED CORRESPONDENCE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

memorandum

subject: Project No. PE 170-1387
Lead and Asbestos Investigations
Salt Shed Roof Replacements

date: June 24, 2010

to: Mr. Gregory M. Dorosh
Trans. Principal Engineer
Bureau of Engineering and Construction

from: Theodore H. Nezames
Trans. Principal Engineer
Bureau of Engineering and Construction

As discussed with Ms. Judy Nemecek and Mr. Michael Strong, this office is requesting that lead and asbestos investigations be performed for the salt shed roof replacement program based upon the following priority grouping:

Project 1A – Orange: FDP 09/15/10
Project 1B – East Granby: FDP 09/15/10
Project 2 – Franklin, Colchester, East Hampton, Occum: FDP TBD
Project 3 – Canterbury, Mansfield, Pomfret: FDP TBD
Project 4 – Middletown, Wolcott: FDP TBD
Project 5 – North Canaan, Thomaston: FDP TBD

No previous inspections from EnviroMed have been performed.

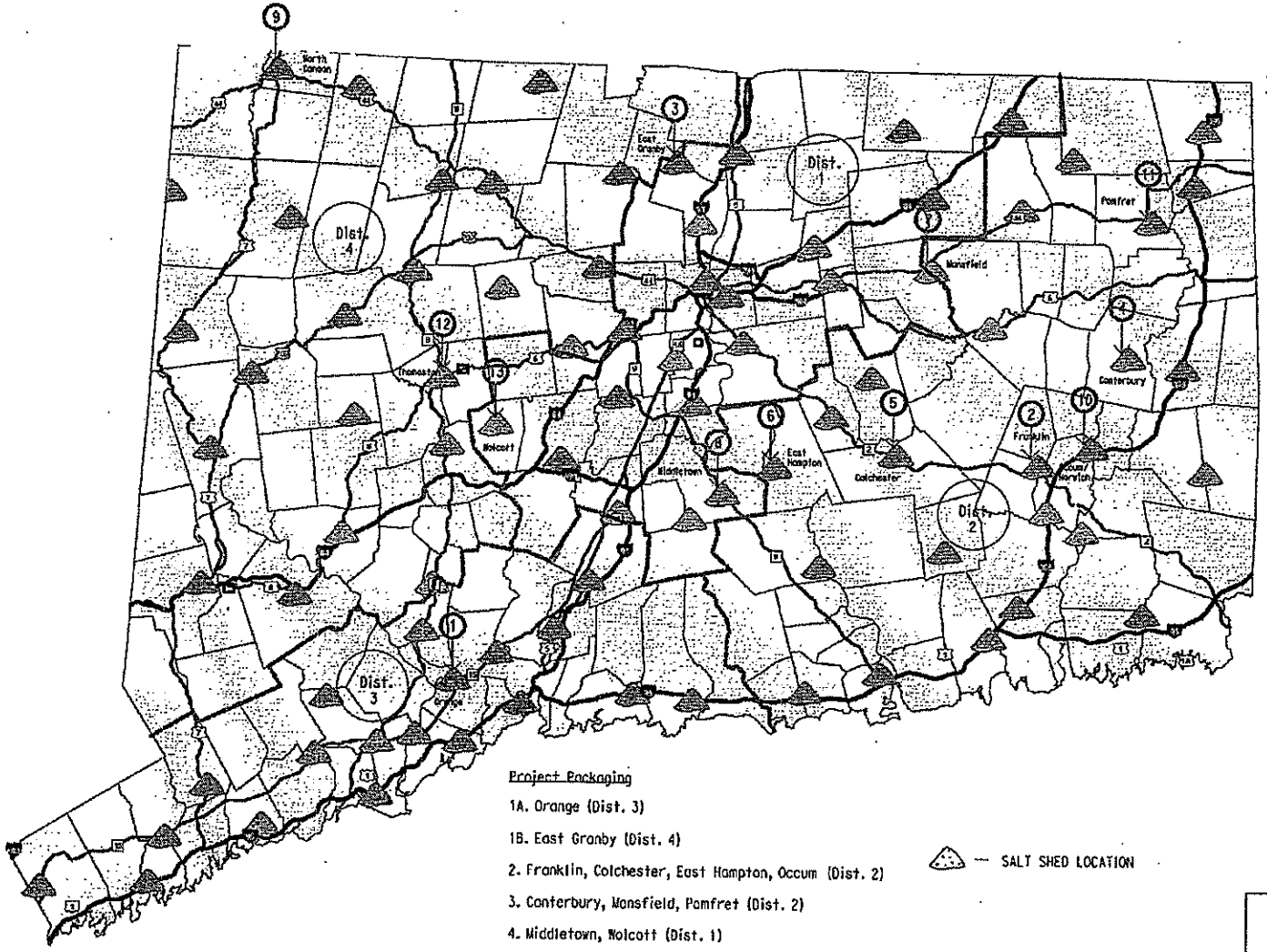
The scope or work for these projects will be similar to that of the Beacon Falls Salt Shed Roof Replacement project. The asphalt shingles will be removed and replaced with a PVC roof system. Louvers will be installed in the rear wall of the shed. Mega-doors will be removed. Other minor shed-specific improvements will be made as necessary. A location map is attached.

Please provide the results of your investigations for Orange and East Granby as soon as possible based on the September 2010 FDP. You may charge your efforts to the PE number for the Salt Shed Program, 170-1387 (01701387 PE in CORE).

Should you have any questions or need any additional information, please contact the Project Engineer, Mr. Michael Strong, at Extension 3306.

Attachments

Michael J. Strong/mjs/deb
cc: Daniel J. Smachetti – David A. Hartley
Joseph J. Obara
Scott A. Hill – Theodore H. Nezames – Robert C. Messina
s:\stdes\facil\170-1387\170-2428\Orange-East Granby\Environmental Compliance Investigations.doc



Project Packaging

1A. Orange (Dist. 3)

1B. East Granby (Dist. 4)

2. Franklin, Colchester, East Hampton, Occum (Dist. 2)

3. Canterbury, Mansfield, Pomfret (Dist. 2)

4. Middletown, Wolcott (Dist. 1)

5. North Canaan, Thomaston (Dist. 4)

— SALT SHED LOCATION

Packaging Number	Salt Shed Priority List
1A	1. Orange Salt Shed .4 miles West of CT Rt. 34 & Rt. 15
2	2. Franklin Salt Shed CT Rt. 32, .25 miles NW of Rt. 2 & Rt. 32
1B	3. East Granby Salt Shed CT Rt. 20 & East Granby Rd.
3	4. Canterbury Salt Shed CT Rt. 14, Mid pt. between Lisbon Rd. & Tracey Rd.
2	5. Colchester Salt Shed Old Hartford Rd. (ST 615), 500' East of Mill Hill Rd.
2	6. East Hampton Salt Shed CT Rt. 66, Across from intersection Rt. 16
3	7. Mansfield Salt Shed Plains Rd., South of Rt. 32 (Stafford Rd.) & Plains Rd. Intersection
4	8. Middletown Salt Shed Paddock Rd., .1 mile West of CT Rt. 9, Exit 11
5	9. North Canaan Salt Shed Gandolfo Rd., Intersection of US Rt. 44 & CT Rt. 7
2	10. Occum Salt Shed CT Rt. 97, North of I-395, Exit 83
3	11. Pomfret Salt Shed CT Rt. 101, East of Bosworth Rd. (400' East of CT Rt. 169)
5	12. Thomaston Salt Shed Prospect St., 1 mile SE of CT Rt. 8, Exit 39
4	13. Wolcott Salt Shed CT Rt. 69, .3 miles SW of Bound Line Rd.

SALT SHED ROOF REPAIR LIST

PROJECT # 170-2428
JANUARY 2010