SUPPLEMENTAL PRE-DEMOLITION SURVEY FOR HAZARDOUS BUILDING MATERIALS

FORMER NES BUILDING
4119 CANAL ROAD
CANASTOTA, NEW YORK

NYSDEC Haz-O-Waste Project

Prepared for

New York State
Department of Environmental Conservation
Syracuse, New York

Prepared by

TRC
Windsor, Connecticut

Edmund Burke
Professional Engineer

TRC Project No. 198432-0000-00000
February 2013

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21 Griffin Road North
Windsor, Connecticut 06095
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TABLE 1
BULK SAMPLE SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS
FORMER NES BUILDING
4119 CANAL ROAD, CANASTOTA, NEW YORK

Sample No.	Sample Location	Type of Homogeneous Material	% and Type Asbestos
1	Exterior – A side	RS1 – rivet sealant	NAD*
2	Exterior – A side	RS1 – rivet sealant	NAD*1
3	Boiler room	DWG1 – black, pliable door window glaze	NAD*
4	Boiler room	DWG1 – black, pliable door window glaze	NAD*1
5	Electrical room	TP1 – transformer paper insulation	N/A
6	Electrical room	TP1 – transformer paper insulation	NAD*

Note: Sampling conducted to supplement prior existing survey report information. Refer to prior survey report for further building information.

NAD No asbestos detected
1 Confirmed by TEM analyses (NY NOB 198.4)
* Analyzed via PLM gravimetric reduction techniques with EPA 400 Point Count (NY NOB 198.6)

TABLE 2
IDENTIFIED/ASSUMED ASBESTOS CONTAINING MATERIALS (>1%)
FORMER NES BUILDING
4119 CANAL ROAD, CANASTOTA, NEW YORK

Material	Sampled/ Assumed (mo/yr)	General Location	NESHAP Category	AHERA Category	Estimated Quantity
Penetration flashing	Assumed 1/2013	Roof – southwest portion	Category I Non-Friable	Miscellaneous	35 SF

Note: Sampling conducted to supplement prior existing survey report information. Refer to prior survey report for further building information.

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%)
FORMER NES BUILDING
4119 CANAL ROAD, CANASTOTA, NEW YORK

Material	General Location
RS1 – rivet sealant	Exterior – sides A, B, C, D & roof
TP1 – transformer paper insulation	Electrical room
DWG1 – black, pliable door window glaze	Boiler room

Note: Sampling conducted to supplement prior existing survey report information. Refer to prior survey report for further building information.

TABLE 4
SUMMARY OF LEAD PAINT XRF MEASUREMENTS & PAINT CHIP DATA
FORMER NES BUILDING
4119 CANAL ROAD, CANASTOTA, NEW YORK

Structure	No. of XRF Measurements	Calibrations	No Lead Detected	Lead Detected	Lead Levels
Former NES Building	49	7	40	2	0.0-0.2 mg/cm^2
Structure	**No. of Paint Chip Samples**	**Blanks**	**No Lead Detected**	**Lead Detected**	**Lead Levels**
Painted Metal I-Beams	1	0	0	1	6.2 ppm

See Lead Paint XRF Measurement Table and Lab Paint Chip Data in Appendix D.

Note: Sampling conducted to supplement prior existing survey report information. Refer to prior survey report for further building information.

TABLE 5 SUMMARY OF COMPOSITE BUILDING MATERIAL WASTE CHARACTERIZATION FORMER NES BUILDING 4119 CANAL ROAD, CANASTOTA, NEW YORK			
Waste Stream	**Metal**	**TCLP mg/L Leachate**	**Hazardous/Non-Hazardous**
Former NES Building Composite (Excluding metal substrates and concrete foundation materials)	Lead	0.043	Non-Hazardous
Waste Stream	**Metal**	**Total mg/kg & SPLP mg/L leachate**	**Qualifies for NYSDEC BUD**
Former NES Building Painted CMU/Concrete composite	Lead	7.3 mg/kg ND<0.0030 mg/L	Yes

The composite building material sample was analyzed following the Toxicity Characteristic Leaching Procedure (TCLP) for Resource Conservation Recovery Act (RCRA) leachable lead to determine hazardous/non-hazardous waste disposal characterization. The sample was a composite of wood, wallboard, flooring, roofing and other building materials and was collected in approximate percent by weight proportions to represent the building demolition waste stream as a whole. The sample did not include any metal components, as metal items should be recycled to promote waste minimization efforts, rather than disposed of, and the recycling operation is exempt from the USEPA RCRA Hazardous Waste regulations. The sample also did not include foundation materials (concrete/stone/etc.), as these materials are used as clean fill during the demolition process or recycled and are therefore not part of the waste disposal stream.

The painted concrete sample was analyzed for lead following the Synthetic Precipitation Leaching Procedure (SPLP) and Total Metal Procedures. This sample was collected in an effort to determine if the materials met the NYDEC pre-determined Beneficial Use Determination (BUD) for reuse on-site/recycling.

See Appendix E for results.

BDL - Below Detection Limit
ND - Not Detected

TABLE 6
INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED
FORMER NES BUILDING
4119 CANAL STREET, CANASTOTA, NEW YORK

Quantity	Size	Material/Item	General Location	Potential Hazard
One (1)		Exit sign	Front entrance area	UW – Hg lamp UW-used electronics (printed circuit boards)
One (1)		Halogen light		UW – Hg lamp
Two (2)		Pull type fire alarms	Front hallway	UW – used electronics (printed circuit boards) UW – Hg switch
One (1)		Exit sign		UW – Hg lamp UW-used electronics (printed circuit boards)
Three (3)		Light fixtures with fluorescent bulbs & ballasts	Front office	RW – PCB ballasts UW – Hg lamps
One (1)		Smoke detector		Low-level radioactive source
Two (2)		Gas chromatographs	Lab	UW-used electronics (printed circuit boards)
One (1)		Hg analyzer unit		UW-used electronics (printed circuit boards)
One (1)		Trace analyzer unit		UW-used electronics (printed circuit boards)
Eight (8)		Light fixtures with fluorescent bulbs & ballasts		RW – PCB ballasts UW – Hg lamps
Three (3)		Chemical fire extinguishers		RW – waste chemical solid
One (1)		Small refrigerator		CFC's/Freon
Two (2)		Emergency lights		UW – Hg lamps UW – used electronics (printed circuit boards) UW – batteries (Ni-Cd battery or Pb-acid battery)

RW- State Regulated Waste-PCBs, Oils, waste chemical liquids, sludges, waste chemical solids
UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140^{o}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

TABLE 6 cont. INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED 4119 CANAL STREET CANASTOTA, NEW YORK				
One (1)		Alarm panel	Office supplies	UW-used electronics (printed circuit boards)
One (1)		Smoke detector		Low-level radioactive source
One (1)		Emergency light		UW – Hg lamps UW – used electronics (printed circuit boards) UW – batteries (Ni-Cd battery or Pb-acid battery)
One (1)		Fire extinguisher		RW – waste chemical solid
Two (2)		Fire extinguishers	Hall outside lab	RW – waste chemical solid
One (1)		Exit sign		UW – Hg lamp UW-used electronics (printed circuit boards)
Two (2)		Halogen lights		UW – Hg lamp
One (1)		Emergency light		UW – Hg lamps UW – used electronics (printed circuit boards) UW – batteries (Ni-Cd battery or Pb-acid battery)
One (1)		Pull type fire alarm		UW – used electronics (printed circuit boards) UW – Hg switch
One (1)		Light fixture with fluorescent bulbs & ballasts	Storage room	RW – PCB ballasts UW – Hg lamps
One (1)		Hg thermostat	Back office	UW – Hg ampoule
Fourteen (14)		Light fixtures with fluorescent bulbs & ballasts		RW – PCB ballasts UW – Hg lamps
Two (2)		Light fixtures with fluorescent bulbs & ballasts	Rear hallway (o/s boiler room)	RW – PCB ballasts UW – Hg lamps

RW- State Regulated Waste-PCBs, Oils, waste chemical liquids, sludges, waste chemical solids
UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140^{o}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

TABLE 6 cont. INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED 4119 CANAL STREET CANASTOTA, NEW YORK				
Five (5)		Emergency lights	Rear hallway (o/s boiler room)	UW – Hg lamps UW – used electronics (printed circuit boards) UW – batteries (Ni-Cd battery or Pb-acid battery)
One (1)		Fire extinguisher		RW – waste chemical solid
One (1)		Control panel	Boiler room	UW-used electronics (printed circuit boards)
One (1)		Light fixtures with fluorescent bulbs & ballasts	Electrical room	RW – PCB ballasts UW – Hg lamps
Twelve (12)		"Dual volt HID Lamp Ballast" (Non-PCB)		RW – waste chemical liquid/DEHP
Three (3)		Alarm panels		UW-used electronics (printed circuit boards)
One (1)		Digital electric meter		UW-used electronics (printed circuit boards)
Six (6)		Halogen lights	Acid staging area	UW – Hg lamp
Two (2)		Fire extinguishers		RW – waste chemical solid
One (1)		Control panel		UW-used electronics (printed circuit boards)
One (1)		Fire suppression system		RW – waste chemical solid
Two (2)		Control panels	Aqeous treatment area	UW-used electronics (printed circuit boards)
Two (2)		Smoke detectors		Low-level radioactive source
One (1)		Halogen light		UW – Hg lamp
Twenty (20)		Halogen lights	Staging area	UW – Hg lamp
Two (2)		Fire suppression systems		RW – waste chemical solid
Four (4)		Fire extinguishers		RW – waste chemical solid
Four (4)		Halogen lights	Outer staging area	UW – Hg lamp
Nine (9)		Halogen lights	Truck loading area	UW – Hg lamp

RW- State Regulated Waste-PCBs, Oils, waste chemical liquids, sludges, waste chemical solids
UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140^{o}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

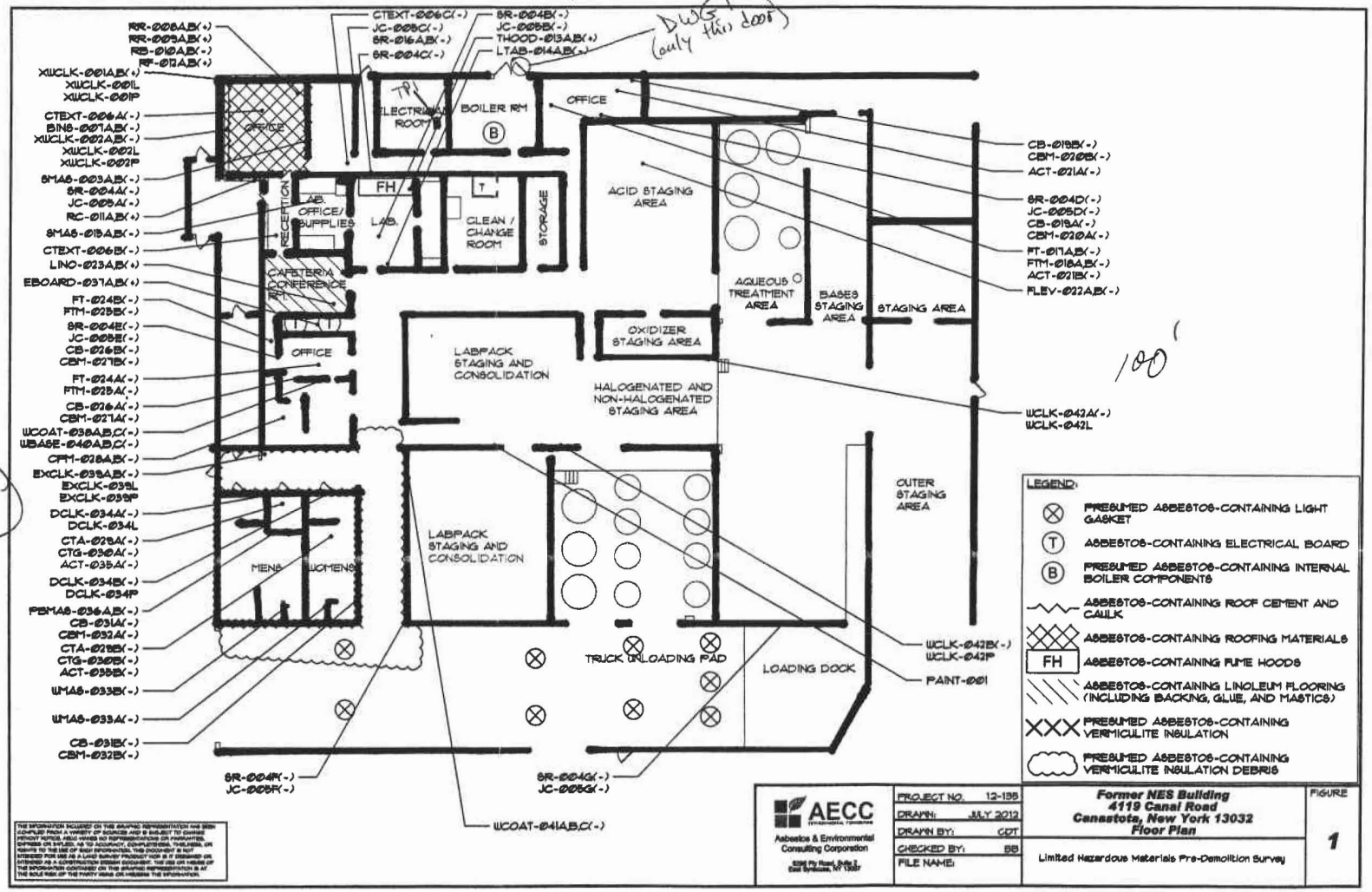
TABLE 6 cont. INVENTORY OF ADDITIONAL HAZARDOUS/REGULATED MATERIALS, WASTES AND ITEMS IDENTIFIED 4119 CANAL STREET CANASTOTA, NEW YORK				
One (1)		Control panel	Lab pack staging area	UW-used electronics (printed circuit boards)
One (1)		Fire suppression system		RW – waste chemical solid
Two (2)		Fire extinguishers		RW – waste chemical solid
Four (4)		Halogen lights		UW – Hg lamp
One (1)		Pull type fire alarm		UW – used electronics (printed circuit boards) UW – Hg switch
Seven (7)		Light fixtures with fluorescent bulbs & ballasts	Women's bathroom	RW – PCB ballasts UW – Hg lamps
One (1)		Emergency light		UW – Hg lamps UW – used electronics (printed circuit boards) UW – batteries (Ni-Cd battery or Pb-acid battery)
One (1)	12 oz	Aerosol spray can		I
Eighteen (18)		Light fixtures with fluorescent bulbs & ballasts	Men's bathroom	RW – PCB ballasts UW – Hg lamps
Three (3)	19 oz	Aerosol spray cans		I
One (1)	32 oz	Bottle of Clorox		C
One (1)		Emergency light		UW – Hg lamps UW – used electronics (printed circuit boards) UW – batteries (Ni-Cd battery or Pb-acid battery)

RW- State Regulated Waste-PCBs, Oils, waste chemical liquids, sludges, waste chemical solids
UW- Universal Waste (batteries, thermostat ampoules, fluorescent lamps, used electronics)
I- Ignitable - may contain ingredients which are ignitable (materials which have a flashpoint <140^{o}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

APPENDIX A

SITE SKETCHES

)WGI- black, pliable dr wood glaze
PI- transformer paper ins.



SHEET NO. 1 OF 1

PROJECT NO.

DATE 1/23/13

BY

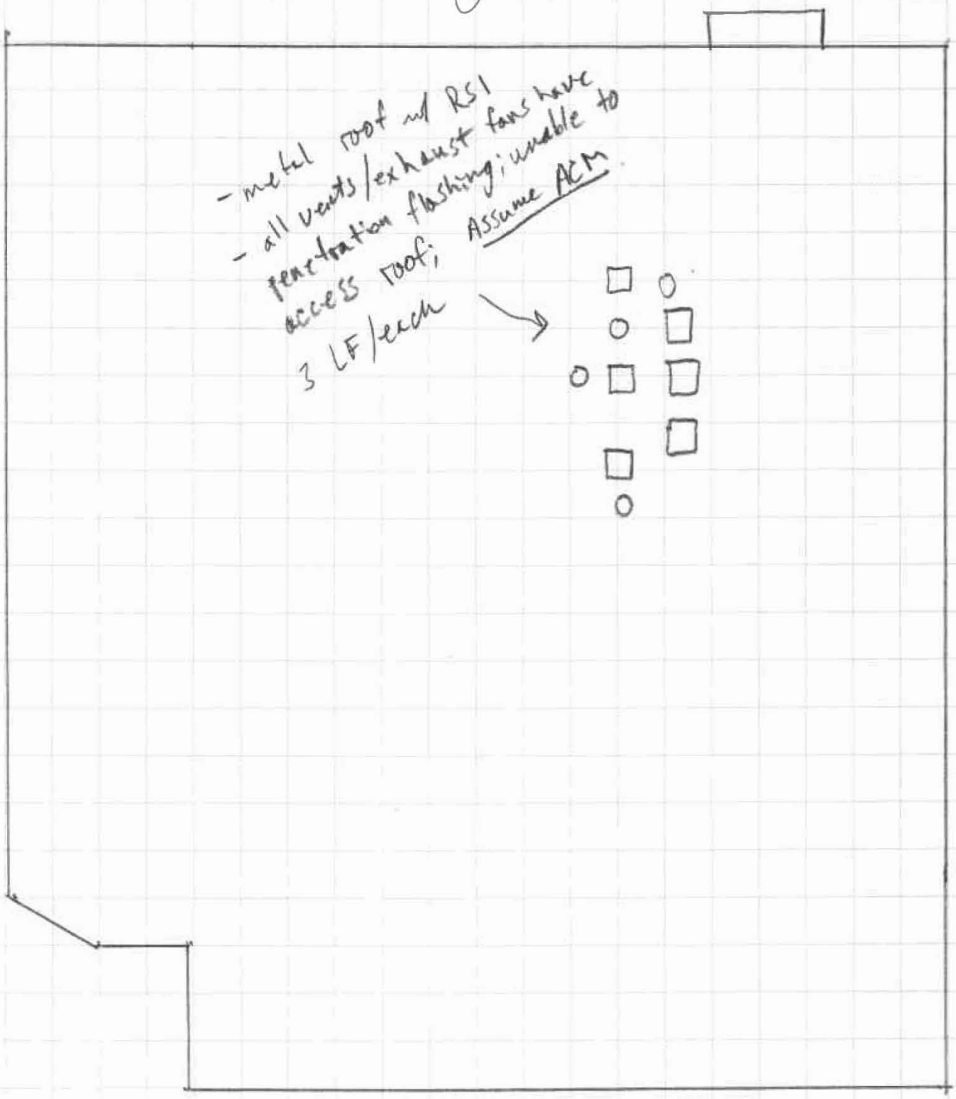
CHK'D

SUBJECT Roof - NEC bldg, Canastota, NY

5'

100'

(A)



130'

RSI - ext rivet sealant

- metal wall panels, 3' x 15'-20', each w/ ≈ 10 rivets w/ RSI (all walls & roof)

A

APPENDIX B

TRC LICENSES/CERTIFICATIONS

NEW YORK STATE - DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH
LICENSE AND CERTIFICATE UNIT
STATE CAMPUS BUILDING 12
ALBANY, NY 12240

ASBESTOS HANDLING LICENSE

TRC Environmental Corporation

1430 Broadway, 10th Floor

New York, NY 10018

FILE NUMBER: 99-0373
LICENSE NUMBER: 31038
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 05/02/2012
EXPIRATION DATE: 05/31/2013

Duly Authorized Representative – Edward Gerdts.

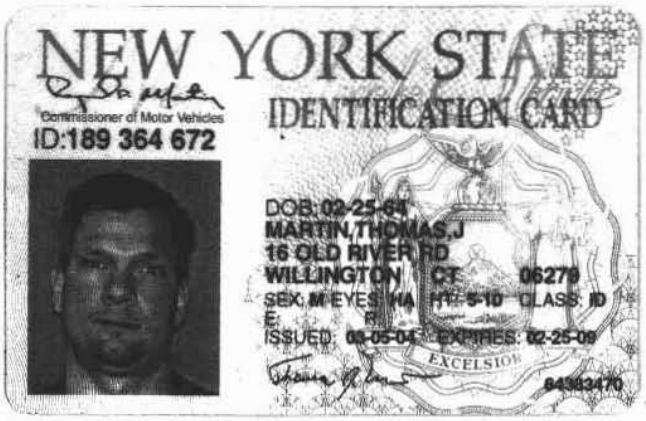
This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Maureen A. Cox

Maureen A. Cox, Director
FOR THE COMMISSIONER OF LABOR

SH 432 (4-07)


NEW YORK STATE
IDENTIFICATION CARD
Commissioner of Motor Vehicles
ID:189 364 672
DOB: 02-25-64
MARTIN,THOMAS,J
16 OLD RIVER RD
WILLINGTON CT 06279
SEX: M EYES: HA HT: 5-10 CLASS: ID
E R
ISSUED: 09-05-04 EXPIRES: 02-25-09
EXCELSIOR
84383470

CERTIFICATE OF ACHIEVEMENT

This certifies that

Tom Martin

has successfully completed the

Asbestos Site Inspector Refresher Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

Official record of successful completion of this course is he DOH 2832 cert. issued on February 2, 2012.

conducted by

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

Principal Instructor

February 2, 2012
Date of Course

February 2, 2013
Expiration Date

Gregory J. Morock
Regional Manager

SIAR - 4103
Certificate Number

February 2, 2012
Examination Date

United States Environmental Protection Agency

This is to certify that

TRC Environmental Corporation

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226

In the Jurisdiction of:

New York

This certification is valid from the date of issuance and expires May 3, 2015

NY-2594-3

Certification #

APR 02 2012

Issued On

John Gorman, Chief

Pesticides & Toxic Substances Branch

National Lead Assessment and Abatement Council 0714

CANDIDATE PICTURE
NOT AVAILABLE

THOMAS MARTIN
14 PINNEY ST APT 46
ELLINGTON, CT 06029

SSN: 041-62-3014
BDATE: 02/25/64
ASI ID: 33-US-33001159

EXAMINATION: **Lead Inspector**
EXAM DATE: 08/26/00

OFFICIAL DUPLICATE

EXAMINATION RESULT: **PASS**

Congratulations! ASI is pleased to informed you that you have PASSED the National Lead Assessment and Abatement Council (NLAAC) Lead Inspector examination.

If you have any questions regarding your permit/license, please contact the appropriate regulatory agency in your state.

Certificate of Training

Awarded to

THOMAS MARTIN
21 GRIFFIN ROAD NORTH, WINDSOR, CT 06095

has successfully completed a 7 hour, 1 day
Lead Inspector Refresher Training

January 9, 2013

This training course was approved and given in accordance with the Department of Health Standards established pursuant to Section 20-477 of the Connecticut General Statutes

Presented by

Mystic Air Quality Consultants, Inc.
1204 North Road, Groton, CT 06340 (800) 247-7746

Certificate Number: LITR21840 **Exam Grade: 100** **Exam Date: 01/09/2013** **Expiration Date: 01/09/2014**

Christopher J. Eident, CIH, CSP, RS

George Williamson, Training Director

Richard Haffey, Training Director

APPENDIX C

ASBESTOS BULK SAMPLE
PLM/TEM DATA

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 #.

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
198432-0000-00000	Former NES Building 4119 Canal St., Canastota, NY		PLM: [ ] 8hr [ ] 24hr [ ] 48hr [X] 3day TEM: [ ] 24hr [ ] 48hr [ ] 3day [X] 5day
SIGNATURE	INSPECTOR		
Tom Martin	Tom Martin		

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	1/23/13	0825		X	Exterior – A side	X					RS1 – rivet sealant
02	1/23/13	0828		X	Exterior – A side	X				X	RS1 – rivet sealant
03	1/23/13	1235		X	Boiler room	X					DWG1 – black, pliable door window glaze
04	1/23/13	1231		X	Boiler room	X				X	DWG1 – black, pliable door window glaze
05	1/23/13	1238		X	Electrical room	X					TP1 – transformer paper insulation
06	1/23/13	1240		X	Electrical room	X					TP1 – transformer paper insulation

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Tom Martin	1/25/13	Brad St			
(Printed) Tom Martin	Time: 1415	(Printed)	(Printed)	Time:	(Printed)

Remarks: please email results to tmartin@trcsolutions.com
NYSDEC Call-Out ID 120785

Condition of Samples: _____
Acceptable: Yes _____ No _____
Comments:

Page 1 of 1

#3 29

2/7/2013

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Hoffman, Sally	Carrier Tracking No(s):	COC No: 480-8113,1
Client Contact: Shipping/Receiving	Phone:	E-Mail: sally.hoffman@testamericainc.com		Page: Page 1 of 1
Company: EMLab P&K		**Analysis Requested**		Job #: 480-32098-1
Address: 1938 Olney Avenue.	Due Date Requested: 2/7/2013			
City: Cherry Hill	TAT Requested (days):			
State, Zip: NJ, 08003	PO #:			
Phone:	WO #:			
Email:	Project #: 48005795			
Project Name: Haz-O-Waste (NES) #727003	SSOW#:			
Site:				

001020884

J - DI Water V - MCAA
K - EDTA W - pH 4-5
L - EDA Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	8260B_S1_11B	Total Number of containers	Special Instructions/Note:
			Preservation Code:					
Exterior- A side (480-32098-1)	1/23/13	08:25 Eastern		Solid		X		
Exterior- A side (480-32098-2)	1/23/13	08:28 Eastern		Solid		X		
Boiler room (480-32098-3)	1/23/13	12:35 Eastern		Solid		X		
Boiler room (480-32098-4)	1/23/13	12:31 Eastern		Solid		X		
Electrical room (480-32098-5)	1/23/13	12:38 Eastern		Solid		X		
Electrical room (480-32098-6)	1/23/13	12:40 Eastern		Solid		X		

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:
Empty Kit Relinquished by:	Date: Time: Method of Shipment:

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	1/29/13 1530			1/30/13	EMLabP&K
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

EMLab P&K
1936 Olney Avenue, Cherry Hill, NJ 08003
(866) 871-1984 Fax (856) 489-4085 www.emlab.com

Client Name: TestAmerica- Buffalo
Client Address: 10 Hazelwood Drive, Suite 106, Amherst, NY 14228
C/O: Sally Hoffman
Re: 48005795

Date of Sampling: 01-23-2013
Date of Receipt: 01-30-2013
Date of Report: 02-04-2013
NY ELAP Lab ID: 11951

ASBESTOS GRAVIMETRIC POINT COUNT BY NEW YORK STATE ELAP 198.6 METHOD FOR NOB SAMPLES

Sample ID - Layer #	480-32098-1 - Layer 1
Lab ID-Version‡	4570011-1
Color and Description of Sample/Layer	Black Sealant
Presence or Asbsence of Asbestos*	Inconclusive - No asbestos detected***
Non-Asbestos Fibrous Material**	None detected
Non-Fibrous Matrix Material	100% Other

Comments: This sample is non-friable. Weight of sample analyzed was below that reccomended for this analysis.

Sample ID - Layer #	480-32098-2 - Layer 1
Lab ID-Version‡	4570012-1
Color and Description of Sample/Layer	Black Sealant
Presence or Asbsence of Asbestos*	Inconclusive - No asbestos detected***
Non-Asbestos Fibrous Material**	None detected
Non-Fibrous Matrix Material	100% Other

Comments: This sample is non-friable.

Sample ID - Layer #	480-32098-3 - Layer 1
Lab ID-Version‡	4570013-1
Color and Description of Sample/Layer	Black window glazing
Presence or Asbsence of Asbestos*	Inconclusive - No asbestos detected***
Non-Asbestos Fibrous Material**	<0.25% Glass fibers
Non-Fibrous Matrix Material	99.75% Other

Comments: This sample is non-friable. Weight of sample analyzed was below that reccomended for this analysis.

Sample ID - Layer #	480-32098-4 - Layer 1
Lab ID-Version‡	4570014-1
Color and Description of Sample/Layer	Black window glazing
Presence or Asbsence of Asbestos*	Inconclusive - No asbestos detected***
Non-Asbestos Fibrous Material**	<0.25% Glass fibers
Non-Fibrous Matrix Material	99.75% Other

Comments: This sample is non-friable. Weight of sample analyzed was below that reccomended for this analysis.

‡ A "Version" greater than 1 indicates amended data.

* Percentages of asbestos are based on stratified point counts. A scanning option is used for negative samples.

**The non-asbestos fibrous percentages are based on a calibrated visual estimate as per the ELAP 198.6 Method.

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

All samples were received in acceptable condition unless otherwise noted. EMLab P&K reserves the right to dispose of all samples after a period of sixty (60) days, according to all state and federal guidelines, unless otherwise specified.

EMLab P&K
1936 Olney Avenue, Cherry Hill, NJ 08003
(866) 871-1984 Fax (856) 489-4085 www.emlab.com

Client Name: TestAmerica- Buffalo
Client Address: 10 Hazelwood Drive, Suite 106, Amherst, NY 14228
C/O: Sally Hoffman
Re: 48005795

Date of Sampling: 01-23-2013
Date of Receipt: 01-30-2013
Date of Report: 02-04-2013
NY ELAP Lab ID: 11951

ASBESTOS GRAVIMETRIC POINT COUNT BY NEW YORK STATE ELAP 198.6 METHOD FOR NOB SAMPLES

Sample ID - Layer #	480-32098-5 - Layer 1
Lab ID-Version‡	4570015-1
Color and Description of Sample/Layer	Yellow paper Insulation
Presence or Asbsence of Asbestos*	Unknown
Non-Asbestos Fibrous Material**	N/A
Non-Fibrous Matrix Material	N/A

Comments: This sample is non-friable. Weight of sample was below that reccomended for this analysis. This sample could not be analyzed because >1% of the processed weight was calculated as remaining following the full gravimetric reduction but no visible residue was observed.

Sample ID - Layer #	480-32098-6 - Layer 1
Lab ID-Version‡	4570016-1
Color and Description of Sample/Layer	Yellow paper Insulation
Presence or Asbsence of Asbestos*	Non-ACM
Non-Asbestos Fibrous Material**	N/A
Non-Fibrous Matrix Material	N/A

Comments: This sample is non-friable. This sample is considered a Non-asbestos containing material since there was <1% of the processed weight remaining as residue following the full gravimetric reduction.

‡ A "Version" greater than 1 indicates amended data.
* Percentages of asbestos are based on stratified point counts. A scanning option is used for negative samples.
**The non-asbestos fibrous percentages are based on a calibrated visual estimate as per the ELAP 198.6 Method.
***Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Qualitative 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.

All samples were received in acceptable condition unless otherwise noted. EMLab P&K reserves the right to dispose of all samples after a period of sixty (60) days, according to all state and federal guidelines, unless otherwise specified.

AMA Analytical Services, Inc.
Focused on Results www.amalab.com
AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires) 515068

Mailing/Billing Inform
1. Client Name:
2. Address 1:
3. Address 2:
4. Address 3:
5. Phone #:

Contact Information:
Kim Thomas
856-489-4455
Email Results:
kthomas@emlabpk.com
ddevine@emlabpk.com

Submittal Information:
1. Job Name: 480-32098-1
2. Job Location:
3. Job #: 1020884 P.O. #:
4. Contact Person: @ phone #
5. Submitted by: Signature:

Reporting Information (Results will be provided as soon as technically feasible):

AFTER HOURS (must be pre-scheduled)
☐ Immediate Date Due:
☐ 24 Hours Time Due:
Comments:

NORMAL BUSINESS HOURS
☐ Immediate ☐ 3 Day
☐ Next Day ☐ 5 Day +
☒ 2 Day Date Due: 2/7/13
☐ Results Required By Noon (EveryAttempt Will Be Made to Accomodate)

REPORT TO:
☐ Include
☐ Email:
☐ Fax:
☐ Verbals

Contact Information:
Kim Thomas
856-489-4455
Email Results:
kthomas@emlabpk.com
ddevine@emlabpk.com

Asbestos Analysis
PCM Air – Please Indicate Filter Type:
☐ NIOSH 7400 (QTY)
☐ Fiberglass (QTY)
TEM Air – Please Indicate Filter Type:
☐ AHERA (QTY)
☐ NIOSH 7402 (QTY)
☐ Other (specify) (QTY)
PLM Bulk
☐ EPA 600 – Visual Estimate (QTY)
☐ EPA Point Count (QTY)
☐ NY State Friable 198.1 (QTY)
☐ Grav. Reduction ELAP 198.6 (QTY)
☐ Other (specify) (QTY)
MISC
☐ Vermiculite
☐ Asbestos Soil PLM (Qual) PLM (Quan) PLM/TEM (Qual) PLM/TEM (Quan)

TEM Bulk
☐ ELAP 198.4/Chatfield (QTY)
☐ NY State PLM/TEM (QTY)
☐ Residual Ash (QTY)
TEM Dust
☐ Qual. (pres/abs) Vacuum/Dust (QTY)
☐ Quan. (s/area) Vacuum D5755-95 (QTY)
☐ Quan. (s/area)Dust D6480-99 (QTY)
TEM Water
☐ Qual. (pres/abs) (QTY)
☐ ELAP 198.2/EPA 100.2 (QTY)
☐ EPA 100.1 (QTY)

☒ All samples received in good condition unless otherwise noted.
(TEM Water samples °C)

Metals Analysis
☐ Pb Paint Ch
☐ Pb Dust Wi
☐ Pb Air
☐ Pb Soil/Solid (QTY)
☐ Pb TCLP (QTY)
☐ Drinking Water ☐ Pb (QTY) ☐ Cu (QTY) ☐ As (QTY)
☐ Waste Water ☐ Pb (QTY) ☐ Cu (QTY) ☐ As (QTY)
☐ Pb Furnace (Media) (QTY)
Fungal Analysis
Collection Apparatus for Spore Traps/Air Samples:
Collection Media
☐ Spore-Trap (QTY) ☐ Surface Vacuum Dust (QTY)
☐ Surface Swab (QTY) ☐ Culturable ID Genus (Media) (QTY)
☐ Surface Tape (QTY) ☐ Culturable ID Species (Media) (QTY)
☐ Other (Specify) (QTY)

CLIENT ID NUMBER	SAMPLE INFORMATION: SAMPLE LOCATION/ IDENTIFICATION	DATE	VOLUME (LITERS)	WIPE AREA	ANALYSIS: TEM	PCM	PLM	LEAD	MOLD	AIR	BULK	MATRIX: DUST	WATER AND OTHER	SPORE TRAP	TAPE	SWAB	CLIENT CONTACT (LABORATORY STAFF ONLY)
480-32098-2	Exterior-Side A	1/31/13			X												Date/Time: Contact: By:
480-32098-4	Boiler Room	1/31/13			X												
																	Date/Time: Contact: By:
																	Date/Time: Contact: By:

LABORATORY STAFF ONLY: (CUSTODY)
1. Date/Time RCVD: 2/5/13 @ 945 Via: Fedex By (Print): MBM Sign:
2. Date/Time Analyzed: 2/6/13 @ 19:50 By (Print): Amy Cao Sign:
3. Results Reported To: Kim Via: Email Date: 2/6/13 Time: 19:55 Initials:
4. Comments: 514e 0991 5321

AMA Analytical Services, Inc.

A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

NY ELAP
10920

Client:	EMLab P&K	**Job Name:**	480-32098-1	**Chain of Custody:**	515068
Address:	1936 Olney Avenue	**Job Location:**	Not Provided	**Date Analyzed:**	2/6/2013
	Cherry Hill, New Jersey 08003	**Job Number:**	1020884	**Person Submitting:**	Kim Thomas
		P.O. Number:	Not Provided		
Attention:	Kim Thomas				

Summary of Asbestos Analysis of Non-Friable Organically Bound (NOB) Bulk Samples

AMA Sample Number	Client Sample #	Sample Type *	% Total Asbestos **	% Asbestos by PLM ***	% Asbestos by TEM ***	Type(s) of Asbestos	% Organics	% Acid Soluble	% Other	Material Type	Sample Color	Comments
13034277	480-32098-2	Residue	NAD	N/A	NAD		78.7%	3.3%	18.0%			
13034278	480-32098-4	Residue	NAD	N/A	NAD		45.8%	29.0%	25.2%			

* Whole = Whole sample submitted and gravimetric reduction performed by AMA Analytical Services Residue = Gravimetric reduction of sample performed by client and residue only submitted for analysis.

** NAD = "No Asbestos Detected" TR = "Trace equals less than 1% of this component"

*** PLM = Polarized Light Microscopy after gravimetric reduction (NY ELAP Method 198.6) TEM = Transmission Electron Microscopy after gravimetric reduction (NY ELAP Method 198.4)

All results are to be considered preliminary and subject to change unless signed by the Technical Director or Deputy.

Technical Director Andreas Saldivar **Analyst(s)** Ang Cao

NY ELAP (#10920) Accredited Laboratory

4475 Forbes Blvd. · Lanham, MD, 20706 · (301) 459-2640 · Toll Free (800) 346-0961 · Fax (301) 459-2643

APPENDIX D

LEAD PAINT XRF MEASUREMENT TABLE & LAB PAINT CHIP DATA

Lead Based Paint Measurement Summary Table

Device(s):	**Niton XLP301-A (Serial #25555) X Ray Fluorescence (XRF) Spectrum Analyzer**
Site:	**Former NES Building, 4119 Canal Street, Canastota, NY**
Project # :	**198432-0000-00000**
Date(s):	**1/23/2013**
Inspector:	**Thomas J. Martin**

Number	Interior/ Exterior	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
1		Self Calibration								1.9	0		187.07	1/23/2013 10:34
2		Calibration								0.0	0.02	1.67	2.96	1/23/2013 10:38
3		Calibration								0.3	0.12	1.05	2.78	1/23/2013 10:39
4		Calibration								1.4	0.1	1.04	5.1	1/23/2013 10:39
5	Interior	1	office	D	Wall		Concrete	White	INTACT	0.0	0.02	1.6	2.79	1/23/2013 10:43
6	Interior	1	office	A	Door	Casing	Wood	White	INTACT	0.0	0.02	1	2.46	1/23/2013 10:44
7	Interior	1	office	A	Wall	--	Sheetrock	White	INTACT	0.0	0.02	1	3.44	1/23/2013 10:45
8	Interior	1	office	A	Window	sash	Wood	White	INTACT	0.0	0.04	1.21	1.97	1/23/2013 10:46
9	Interior	1	office	B	Wall	--	Sheetrock	White	DEFECTIVE	0.0	0.02	1	1.81	1/23/2013 10:47
10	Interior	1	office	--	Ceiling	--	Sheetrock	White	DEFECTIVE	0.0	0.02	1	1.64	1/23/2013 10:48
11	Interior	1	lab	B	Wall	--	Sheetrock	White	INTACT	0.0	0.02	1	2.46	1/23/2013 10:52
12	Interior	1	lab	C	Wall	--	Sheetrock	White	INTACT	0.0	0.02	1	2.29	1/23/2013 10:52
13	Interior	1	front hallway	A	Wall	--	Wood	White	INTACT	0.0	0.02	1	2.29	1/23/2013 10:54
14	Interior	1	front hallway	C	Wall	--	Concrete	White	INTACT	0.0	0.06	3	2.95	1/23/2013 10:55
15	Interior	1	front hallway	C	Window	Casing	Wood	White	INTACT	0.0	0.02	1	2.46	1/23/2013 10:55
16	Interior	1	front hallway	A	I-beam	--	Metal	Red	INTACT	0.0	0.02	1	2.46	1/23/2013 10:57
17	Interior	1	front hallway	A	I-beam	--	Metal	Red	INTACT	0.0	0.02	1	3.12	1/23/2013 10:57
18	Interior	1	front hallway	A	Door	Casing	Metal	White	INTACT	0.0	0.02	1	2.46	1/23/2013 11:01
19	Interior	1	front hallway	A	Door	--	Metal	White	INTACT	0.0	0.02	1	2.13	1/23/2013 11:01
20	Interior	1	front hallway	D	Wall	--	Concrete	White	INTACT	0.0	0.03	4.18	3.59	1/23/2013 11:02
21	Interior	1	bthrm hallway	--	I-beam	--	Metal	Red	INTACT	0.0	0.02	1	2.45	1/23/2013 11:03
22	Interior	1	bthrm hallway	--	I-beam	--	Metal	Red	INTACT	0.0	0.02	1	2.29	1/23/2013 11:04
23	Interior	1	bthrm mens	D	Wall	--	Concrete	White	INTACT	0.0	0.02	1	3.43	1/23/2013 11:06
24	Interior	1	bthrm mens	B	Wall	--	Concrete	White	INTACT	0.0	0.02	1.49	4.08	1/23/2013 11:08
25	Interior	1	bthrm mens	A	Wall	--	Concrete	White	INTACT	0.0	0.02	1	3.27	1/23/2013 11:08
26	Interior	1	bthrm mens	C	Door	Casing	Metal	Grey	INTACT	0.0	0.02	1	2.46	1/23/2013 11:09
27	Interior	1	elec rm	C	Wall	--	Wood	Grey	INTACT	0.0	0.02	1	2.47	1/23/2013 11:13
28	Interior	1	boiler rm	C	Wall	--	Sheetrock	White	INTACT	0.0	0.02	1	2.29	1/23/2013 11:15
29	Interior	1	boiler rm	B	Wall	--	Sheetrock	White	INTACT	0.0	0.02	1	1.8	1/23/2013 11:15
30	Interior	1	boiler rm	--	supports	--	Metal	Black	INTACT	0.0	0.02	1	1.97	1/23/2013 11:17
31	Interior	1	boiler rm	--	I beam	--	Metal	Red	INTACT	0.0	0.02	1	2.28	1/23/2013 11:18
32	Interior	1	office	A	Wall	--	Sheetrock	White	INTACT	0.0	0.02	1	2.12	1/23/2013 11:26
33	Interior	1	office	C	Wall	--	Sheetrock	White	INTACT	0.0	0.02	1	2.62	1/23/2013 11:26
34	Interior	1	stg rm	C	Wall	--	Sheetrock	White	INTACT	0.0	0.03	1.74	2.45	1/23/2013 11:28

Lead paint includes paint found to contain **any detectable** amount of lead by Atomic Absorption Spectrophotometry (AAS) or X-Ray Fluorescence (XRF).

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

Lead Based Paint Measurement Summary Table

Device(s):	**Niton XLP301-A (Serial #25555) X Ray Fluorescence (XRF) Spectrum Analyzer**
Site:	**Former NES Building, 4119 Canal Street, Canastota, NY**
Project # :	**198432-0000-00000**
Date(s):	**1/23/2013**
Inspector:	**Thomas J. Martin**

Number	Interior/ Exterior	Floor	Room	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm2)	Precision (mg/cm2)	Depth Index	Duration (sec)	Date/Time
35	Interior	1	back hallway	D	Wall	--	Concrete	Grey	INTACT	0.1	0.05	2.4	5.1	1/23/2013 11:29
36	Interior	1	labpack staging-cons rm	D	Wall	--	Concrete	Grey	INTACT	0.0	0.04	2.88	2.79	1/23/2013 11:35
37	Interior	1	labpack staging-cons rm	A	Wall	--	Concrete	Grey	INTACT	0.0	0.02	1	2.78	1/23/2013 11:36
38	Interior	1	labpack staging-cons rm	B	Wall	--	Concrete	Grey	INTACT	0.0	0.02	1	3.44	1/23/2013 11:36
39	Interior	1	labpack staging-cons rm	D	Wall	--	Concrete	Grey	INTACT	0.0	0.02	1.95	4.43	1/23/2013 11:37
40	Interior	1	labpack staging-cons rm	B	Wall	--	Concrete	Grey	INTACT	0.0	0.06	4.97	2.79	1/23/2013 11:39
41	Interior	1	labpack staging-cons rm	--	Floor	--	Concrete	Grey	INTACT	0.0	0.02	1	2.47	1/23/2013 11:40
42	Interior	1	labpack staging-cons rm	--	Floor	--	Concrete	Grey	INTACT	0.0	0.02	1	2.45	1/23/2013 11:40
43	Interior	1	acid staging area	A	Wall	--	Concrete	White	INTACT	0.2	0.13	7.09	6.4	1/23/2013 11:44
44	Interior	1	acid staging area	C	Wall	--	Concrete	White	INTACT	0.0	0.02	1.11	2.45	1/23/2013 11:44
45	Interior	1	truck loading area	--	stair support	--	Metal	Grey	INTACT	0.0	0.02	1	3.27	1/23/2013 11:50
46	Interior	1	truck loading area	--	I beam	--	Metal	Red	INTACT	0.0	0.02	1	2.61	1/23/2013 11:51
47		Calibration	--	--	--	--	--			0.0	0.02	1	1.8	1/23/2013 11:57
48		Calibration	--	--	--	--	--			0.3	0.07	1.03	3.62	1/23/2013 11:57
49		Calibration	--	--	--	--	--			1.4	0.1	1.08	5.09	1/23/2013 11:58

Lead paint includes paint found to contain **any detectable** amount of lead
by Atomic Absorption Spectrophotometry (AAS) or X-Ray Fluorescence (XRF).

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

TRC

Edition: September 2007
Supersede Previous Edition

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

CHAIN OF CUSTODY

LAB ID #.

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
I98432-0000-00000	Former NES Building 4119 Canal St., Canastota, NY		24hr 48hr 3day X 5day 24hr 48hr 3day 5day
SIGNATURE Tom Martin	INSPECTOR Tom Martin		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	AAS Pb					NOTES
01-Pb	1/23/13	1145	X		I-beam o/s women's/men's room	X					Paint chip sample

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
(Printed) Tom Martin	Time: 1435	(Printed)	(Printed)	Time:	(Printed)

Remarks: please email results to tmartin@trcsolutions.com
NYSDEC Call-Out ID 120785

Page 1 of 1

#3 2.9

Client: New York State D.E.C.
Project/Site: Haz-O-Waste (NES) #727003

TestAmerica Job ID: 480-32098-1

Client Sample ID: 01-Pb
Date Collected: 01/23/13 11:45
Date Received: 01/28/13 10:22

Lab Sample ID: 480-32098-7
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.2		2.0	0.47	mg/Kg		01/31/13 11:45	02/05/13 14:20	2

APPENDIX E

COMPOSITE BUILDING MATERIAL WASTE CHARACTERIZATION DATA

TRC

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

Edition: September 2007
Supersede Previous Edition

TCLP CHAIN OF CUSTODY

LAB ID #.

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
198432-0000-00000	Former NEC Building Canastota, NY		TCLP: 24hr [ ] 48hr [ ] 3day [X] 5day; SPLP: 24hr [ ] 48hr [ ] 3day [X] 5day

INSPECTOR: (SIGNATURE) Tom Martin (signed)
(PRINTED) Tom Martin

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	TCLP Pb	Total Pb	SPLP Pb			MATERIAL
01 – TCLP	1/23/13	1055			Former NEC building	X					Building composite
01 - SPLP	1/23/13	1058			Former NEC building		X	X			CMU/concrete composite

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Tom Martin (signed)	1/30/13	(signed) 1300 1/31/13			
(Printed) Tom Martin	Time: 1120	(Printed) Carl Jennings L	(Printed)	Time:	(Printed)

NYSDEC Call-out ID 120785. Results to TMartin@TRCSolutions.com
Any questions regarding chain-of-custody, please call me at 860-798-3248.

Page 1 of 1

148#3

1 2 3 4 5 6 7 8 9 10 11 12 13 14

TRC

TCLP WASTE CHARACTERIZATION
FIELD SAMPLE COMPUTATION TABLE

Site: Former NEC building, Canastota, NY

Project No.: 198432-0000-00000

Date: 1/30/2013
Inspector: T. Martin
Prepared by: T. Martin

	A	B									C = A*B	D	E=C*D	G=E/F*100
		Thickness (inches) ft												
Building Component	**Area (SF)**	1/16" **0.005**	1/8" **0.010**	1/2" **0.042**	3/4" **0.063**	1" **0.083**	2" **0.167**	4" **0.333**	6" **0.500**	8" **0.667**	12" **1.000**	**Volume (CF)**	**Density (lb/CF)**	**Mass (lb)**	**% of total Mass**
sheetrock	4155.0			0.042								174.5	50	8725.5	45.1
plaster				0.042								0.0	45	0.0	0.0
brick								0.333				0.0	120	0.0	0.0
roofing	400.0			0.042								16.8	70	1176.0	6.1
wood framing (walls) +	685.0							0.333				228.1	32	7299.4	37.7
wood framing (roof/floors) +	55.0								0.500			27.5	32	880.0	4.5
hardwood flooring						0.083						0.0	45	0.0	0.0
ceiling tile (cellulose)				0.042								0.0	23	0.0	0.0
clapboard				0.042								0.0	40	0.0	0.0
aluminum siding		0.005										0.0	169	0.0	0.0
vinyl			0.010									0.0	120	0.0	0.0
concrete										0.667		0.0	140	0.0	0.0
stone										0.667		0.0	140	0.0	0.0
plywood	400.0				0.063							25.2	34	856.8	4.4
glass			0.010									0.0	170	0.0	0.0
wood trim/window/door	172.0				0.063							10.8	38	411.8	2.1
													Total Mass	19349	100%

= typical thickness value

F=sum of E

+ framing area (SF) per wall = [(6L+3H+2LH)/18], where L & H are in feet, assuming 18" o.c. construction
* CTDEP waste characterization guidelines recommend one TCLP sample for every 2,500 SF of floor space
* concrete/stone foundation should not be included in TCLP sample unless foundation is to be completely removed during demolition and disposed off site
* steel should not be included in TCLP sample, steel to be recycled and not disposed of
* material density values taken from Lindeburg, ME reference manual, 10th edition, 1997
* components with very low density or very low volume (i.e. vinyl flooring/siding, insulations, carpet, ceramic tile, fixtures, etc) presumed negligible to mass and not included
* collect separate aliquot samples of applicable components
* calculate % of total mass for each component
* prepare 100 gram sample in lab by combining subsamples of aliquots at %'s calculated. Do not grind material up, this creates increased surface area and unrepresentative leachability
* submit entire 100 gram sample for TCLP analysis (this eliminates lab analyst error where only a non-representative portion of a larger submitted sample is analyzed) 100 g = method minimum

Client: New York State D.E.C.
Project/Site: Haz-O-Waste (NES) #727003

TestAmerica Job ID: 480-32303-1

Client Sample ID: FORMER NEC BUILDING-01 — **Lab Sample ID: 480-32303-1**
Date Collected: 01/23/13 10:55 — **Matrix: Solid**
Date Received: 01/31/13 13:00

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.043		0.0050	0.0030	mg/L		02/05/13 09:00	02/05/13 17:46	1

Client Sample ID: FORMER NEC BUILDING-02 — **Lab Sample ID: 480-32303-2**
Date Collected: 01/23/13 10:58 — **Matrix: Solid**
Date Received: 01/31/13 13:00 — **Percent Solids: 94.8**

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	7.3		1.0	0.25	mg/Kg	☼	02/01/13 10:25	02/05/13 17:47	1

Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0050	0.0030	mg/L		02/05/13 10:50	02/05/13 22:32	1