QuES&T

Quality Environmental Solutions & Technologies, Inc.

LIMITED INSPECTION FOR ASBESTOS-CONTAINING MATERIALS

for

New York State Thruway Authority
1309 Route 300
Newburgh, New York 12550

at

Sloatsburg and Modena Service Areas
"Exterior Roof Renovation Projects"

Project #Q11-6611

1376 Route 9, Wappingers Falls, NY 12590 • Phone: 845-298-6031 • Fax: 845-298-6251 • Online:www.Qualityenv.com

QuES&T

Quality Environmental Solutions & Technologies, Inc.

November 9, 2011

New York State Thruway Authority
1309 Route 300
Newburgh, NY 12550

ATTN: Victor Maisonet

Via E-mail: Victor.maisonet@thruway.ny.gov

Re: Sloatsburg & Modena Service Areas – Exterior Roof Renovations Projects
Limited Asbestos Inspection
QuES&T Project #Q11-6611

Dear Mr. Maisonet,

Attached is the report from the Limited Inspection for Asbestos-containing Materials (ACM) conducted throughout specific "Exterior Roof Renovation Areas" of the above-referenced project(s) by **Qu**ality **E**nvironmental **S**olutions **&** **T**echnologies, Inc. **(QuES&T)**. The inspection included visual assessment and representative sampling for the detection of ACM.

The attached report summarizes the inspection protocol and inspection results for review by New York State Thruway Authority. **QuES&T** believes this report accurately reflects the material condition existing in the functional spaces at the time of our inspection.

Should you wish to discuss this matter further or require additional information concerning this transmittal, feel free to contact us at (845) 298-6031. **QuES&T** greatly appreciates the opportunity to assist New York State Thruway Authority in the environmental services area.

Sincerely,

Louis N. Johnson III
Technical Services, Inspector
NYS/AHERA Inspector
Cert. #AH 08-05954

Attachment: Report

QuES&T
Quality Environmental Solutions & Technologies, Inc.

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I. INTRODUCTION:

At the request of Mr. Victor Maisonet, of The New York State Thruway Authority, **Qu**ality **E**nvironmental **S**olutions **&** **T**echnologies, Inc. **(QuES&T)** performed a limited survey for the detection of Asbestos-containing Materials (ACM) throughout specific exterior roof renovation areas within the Sloatsburg & Modena Service Areas, located in Sloatsburg & Modena, New York. The survey was performed to identify and sample suspect building materials potentially affected by scheduled demolition/renovation activities, as described during the pre-inspection walkthrough conducted by Mr. Victor Maisonet, of New York State Thruway Authority. The inspection included visual assessments and representative sampling for the detection of ACM. Limited demolition of building surfaces and installed equipment was performed as part of this survey. Laboratory analysis using Polarized Light Microscopy (PLM) and Polarized Light Microscopy-NOB (PLM-NOB) with Confirmatory-Quantitative Transmission Electron Microscopy (QTEM) were performed on friable and non-friable organically bound (NOB) materials, respectively.

Quality **E**nvironmental **S**olutions **&** **T**echnologies, Inc. **(QuES&T)** established functional spaces based either on physical barriers or homogeneity of material. Within each functional space identified, a visual inspection was performed to identify suspect material.

Licensed NYS/AHERA Asbestos Inspector(s) Mr. Louis Johnson III (Cert. #AH 08-05954) and Mr. Ryan Griffin (Cert. #AH 09-10310), of **QuES&T**, collected and/or analyzed a total of one hundred thirty-six **(136)** samples of suspect materials for laboratory analysis on October 28, 2011. Nineteen (19) samples were analyzed by Polarized Light Microscopy (PLM) for friable materials, and sixty-two (62) samples were analyzed by Polarized Light Microscopy-NOB (PLM-NOB) for non-friable organically-bound materials (additionally, sixty (60) samples were analyzed by Confirmatory-Quantitative Transmission Electron Microscopy (QTEM) upon Negative-resulting PLM-NOB results). Samples consisting of multiple layers were separated and analyzed independently in the laboratory.

II. INSPECTION SUMMARY:

A visual inspection was performed and material types were established based on appearance, color, and texture. Representative bulk sampling was performed on suspect Asbestos-containing materials for laboratory analysis using PLM, PLM-NOB & QTEM.

A total of ***one hundred thirty-six*** samples were collected and analyzed. Samples collected included the following:

- ***Sloatsburg Rest Area – Exterior Roofs Renovations Project:***
  - Roofing Field Materials – rolled roofing, built-up-roofing, perlite insulation, iso foam insulation, foam insulation, tar patching, tar, roof pavers.
  - Roofing Perimeter, Equipment & Building Flashing Materials – rolled roofing, built-up-roofing, iso foam insulation, tar.
  - Miscellaneous Roofing Materials – brick & mortar, caulks, flashing tars, stanchion/pitch pocket/vent pipe tars.
- ***Modena Rest Area – Exterior Roof Renovations Project:***
  - Roofing Field Materials – paint, rolled roofing, built-up-roofing, vapor barrier, tar paper, perlite insulation, iso foam insulation, fiberboard insulation.
  - Roofing Perimeter, Equipment & Building Flashing Materials – paint, rolled roofing, built-up-roofing, vapor barrier, tar paper, iso foam insulation, fiberboard insulation, tar.
  - Miscellaneous Roofing Materials – brick & mortar, caulks, flashing tars, stanchion/pitch pocket/vent pipe tars.

III. LISTING OF IDENTIFIED ASBESTOS-CONTAINING MATERIALS (ACM):

(Please see attached Drawings for approx. ACM locations)

KEY: LF = Linear Feet; SF = Square Feet; Friable = ACM capable of being released into air, and which can be crumbled, pulverized, powdered, crushed or exposed by hand-pressure.

Location	Material	Approx. Qty.	Friable?	Condition
Sloatsburg Service Area – Exterior Roofs Renovations Project				
Throughout Roofs (Lower, North & South)	ACM Tar, on Metal Vent Pipes and Flues (12)	12 SF (total)	No	Good
Throughout Lower Roof	ACM Tar, on Wooden Stanchions	100 SF (total)	No	Good
Throughout Roofs (Upper, Lower, North & South)	ACM Flashing Tar, on Metal Parapet Wall Flashing at seams	150 SF (total)	No	Good
Modena Service Area – Exterior Roof Renovations Project				
Throughout Roof	ACM Tar, on Metal Vent Pipes (9)	9 SF (total)	No	Good
Throughout Roof	ACM Caulk, on Metal to Brick & Mortar Façade Perimeter Parapet Walls	200 LF (total)	No	Good

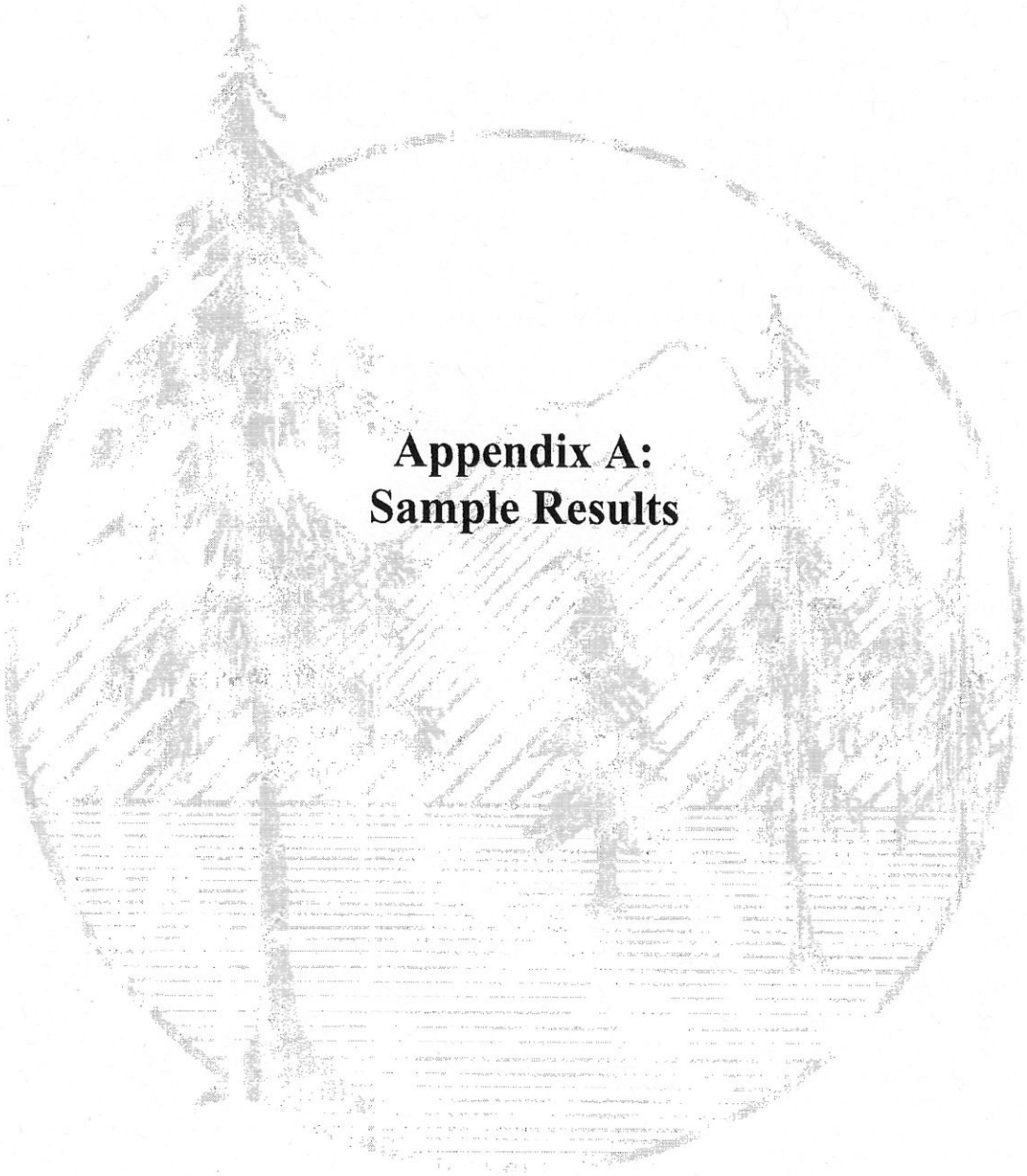
IV. ACM QUANTITIES DISCLAIMER

The Linear and/or Square Footages (LF / SF) listed within this Report are only approximates. Abatement Contractor(s) are required to visit the building(s) in order to take actual field measurements within each listed location. Abatement Contractor(s) shall base their bid(s) on actual quantities determined, by them, at the site walkthrough(s).

V. GENERAL DISCUSSION:

1. Although testing for Lead-based Paint (LBP) was outside the scope of the inspection, buildings constructed/renovated prior to 1978 are known to contain LBP. All construction personnel as well as individuals who have access to locations where ACM, lead-based paint or lead containing coatings exists should be informed of its presence and the proper work practices in these areas. Conspicuous labeling of all ACM and lead-based paint is suggested to ensure personnel are adequately informed. Personnel should be informed not to rest, lean or store material or equipment on or near these surfaces and not to cut, saw, drill, sand or disturb ACM or lead-based paint. All removal, disturbance and repair of ACM should be performed in compliance with Title 12 NYCRR Part 56 by persons properly trained to handle ACM. Facility custodial and maintenance personnel should receive training commensurate with their work activities; as defined in 29 CFR 1910.1001. All removal, disturbance and repair of lead based paint or lead containing coatings should be performed in compliance with 29 CFR 1926.62, Lead Exposure in Construction; by persons properly trained to handle lead containing paint.

2. All construction personnel as well as individuals who have access to locations where asbestos containing materials (ACM) exists should be informed of its presence and the proper work practices in these areas. Conspicuous labeling of all ACM is suggested to ensure personnel is adequately informed. Personnel should be informed not to rest, lean or store material or equipment on or near these surfaces and not to cut, saw, drill, sand or disturb ACM. All removal, disturbance, and repair of ACM should be performed in compliance with Title 12 NYCRR Part 56 by persons properly trained to handle ACM. Facility custodial and maintenance personnel should receive training commensurate with their work activities; as defined in 29 CFR 1910.1001.



Appendix A:
Sample Results

AmeriSci New York
117 EAST 30TH ST.
NEW YORK, NY 10016
TEL: (212) 679-8600 • FAX: (212) 679-3114

PLM Bulk Asbestos Report

Quality Environmental Solution
Attn: Lawrence Holzapfel
1376 Route 9

Wappingers Falls, NY 12590

Date Received 10/31/11 **AmeriSci Job #** 211104843
Date Examined 11/04/11 **P.O. #**
ELAP # 11480 **Page** 1 **of** 4
RE: Q11-6611; NYS Thruway Authority; Sloatsburg & Modena Service Areas - Asbestos Bulk Sampling

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
6611-01	211104843-01	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 11/04/11
1	**Location:** Modena, Equipment Flashing, 4th Layer, Perlite Insulation		
Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 80 %, Non-fibrous 20 %			
6611-02	211104843-02	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 11/04/11
1	**Location:** Modena, Field, 3rd Layer, Perlite Insulation		
Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 80 %, Non-fibrous 20 %			
6611-03	211104843-03	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 11/04/11
2	**Location:** Modena, Field, Bottom Layer On Metal Deck, Iso Foam Insulation		
Analyst Description: Black/Yellow, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 10 %, Non-fibrous 90 %			
6611-04	211104843-04	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 11/04/11
2	**Location:** Modena, Field, Bottom Layer On Metal Deck, Iso Foam Insulation		
Analyst Description: Black/Yellow, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 10 %, Non-fibrous 90 %			
6611-05	211104843-05	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 11/04/11
3	**Location:** Modena, Equipmenet Flashing, 3rd Layer, Fiberboard Insulation		
Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 100 %, Non-fibrous Trace			

See Reporting notes on last page

PLM Bulk Asbestos Report

Q11-6611; NYS Thruway Authority; Sloatsburg & Modena
Service Areas - Asbestos Bulk Sampling

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
6611-06	211104843-06	*No*	NAD
3	**Location:** Modena, Equipmenet Flashing, 3rd Layer, Fiberboard Insulation		(by NYS ELAP 198.1) by David W. Roderick on 11/04/11
Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 100 %, Non-fibrous Trace			
6611-07	211104843-07L1	*No*	NAD
4	**Location:** Modena, Perimeter Parapet Facade, Brick & Mortar - Brick		(by NYS ELAP 198.1) by David W. Roderick on 11/04/11
Analyst Description: Red, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
6611-07	211104843-07L2	*No*	NAD
4	**Location:** Modena, Perimeter Parapet Facade, Brick & Mortar - Mortar		(by NYS ELAP 198.1) by David W. Roderick on 11/04/11
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
6611-08	211104843-08	*No*	NAD
4	**Location:** Modena, Perimeter Parapet Facade, Brick & Mortar		(by NYS ELAP 198.1) by David W. Roderick on 11/04/11
Analyst Description: Red, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
Comment: No mortar observed with brick submitted.			
6611-09	211104843-09	*No*	NAD
5	**Location:** Sloatsburg, Upper Roof, Field, 2nd Layer, Iso Foam Insulation		(by NYS ELAP 198.1) by David W. Roderick on 11/04/11
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

Q11-6611; NYS Thruway Authority; Sloatsburg & Modena Service Areas - Asbestos Bulk Sampling

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
6611-10 5	211104843-10 **Location:** Sloatsburg, Lowe Roof, Equipment Flashing, 3rd Layer, Iso Foam Insulation	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 11/04/11
	Analyst Description: Black/Yellow, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 10 %, Fibrous glass 2 %, Non-fibrous 88 %		
6611-11 6	211104843-11 **Location:** Sloatsburg, Upper Roof, Field, 3rd Layer, Perlite Insulation	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 11/04/11
	Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 80 %, Non-fibrous 20 %		
6611-12 6	211104843-12 **Location:** Sloatsburg, Lower Roof, Field, 2nd Layer, Perlite Insulation	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 11/04/11
	Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 80 %, Non-fibrous 20 %		
6611-13 7	211104843-13 **Location:** Sloatsburg, Upper Roof, Field, Bottom Layer, On Metal Deck, Foam Insulation	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 11/04/11
	Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %		
6611-14 7	211104843-14 **Location:** Sloatsburg, Front South Roof, Equipmnet Flashing, Bottom Layer, On Metal Deck, Foam Insulation	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 11/04/11
	Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %		
6611-15 8	211104843-15L1 **Location:** Sloatsburg, Lower Roof, Facade, Brick & Mortar - Brick	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 11/04/11
	Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %		

See Reporting notes on last page

PLM Bulk Asbestos Report

Q11-6611; NYS Thruway Authority; Sloatsburg & Modena Service Areas - Asbestos Bulk Sampling

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
6611-15 8	211104843-15L2 **Location:** Sloatsburg, Lower Roof, Facade, Brick & Mortar - Mortar	***No***	NAD (by NYS ELAP 198.1) by David W. Roderick on 11/04/11
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %		
6611-16 8	211104843-16L1 **Location:** Sloatsburg, Upper Roof, Facade, Brick & Mortar - Brick	***No***	NAD (by NYS ELAP 198.1) by David W. Roderick on 11/04/11
	Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %		
6611-16 8	211104843-16L2 **Location:** Sloatsburg, Upper Roof, Facade, Brick & Mortar - Mortar	***No***	NAD (by NYS ELAP 198.1) by David W. Roderick on 11/04/11
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %		

Reporting Notes:

Analyzed by: David W. Roderick

*NAD/NSD =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 200546-0), ELAP PLM Method 198.1 for NY friable samples or 198.6 for NOB samples (NY ELAP Lab ID11480); Note:PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non asbestos-containing in NY State (also see EPA Advisory for floor tile, FR 59,146,38970,8/1/94) National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab.This PLM report relates ONLY to the items tested. AIHA Lab # 102843, RI Cert#AAL-094, CT Cert#PH-0186, Mass Cert#AA000054.

Reviewed By:_____ _____END OF REPORT_____

QUALITY ENVIRONMENTAL SOLUTIONS & TECHNOLOGIES, INC.

BULK SAMPLE FORM

211104843

CLIENT: NYS THRUWAY AUTHORITY

ADDRESS: 1309 ROUTE 300

NEWBURGH, NY 12550

CONTACT: VICTOR MAISONET

PROJECT ID: SLOATSBURG & MODENA SERVICE AREAS - ASBESTOS BULK SAMPLING

PROJECT # : Q11-6611

SAMPLED BY: L.JOHNSON III/R. GRIFFIN

DATE SAMPLED: 28-Oct-11

ANALYSIS METHOD: PLM

TURN-AROUND TIME: _____ HOURS

5 DAYS

_____ OTHER

SAMPLE # LAB#	LOCATION	SAMPLE DESCRIPTION	COMMENTS
6611-01	Modena, Equipment Flashing, 4th Layer	Perlite Insulation	STOP AT 1ST POSITIVE
6611-02	Modena, Field, 3rd Layer	Perlite Insulation	
6611-03	Modena, Field, Bottom Layer on Metal Deck	Iso Foam Insulation	STOP AT 1ST POSITIVE
6611-04	Modena, Field, Bottom Layer on Metal Deck	Iso Foam Insulation	
6611-05	Modena, Equipment Flashing, 3rd Layer	Fiberboard Insulation	STOP AT 1ST POSITIVE
6611-06	Modena, Equipment Flashing, 3rd Layer	Fiberboard Insulation	
6611-07	Modena, Perimeter Parapet Façade	Brick & Mortar (Separate by Layers)	STOP AT 1ST POSITIVE
6611-08	Modena, Perimeter Parapet Façade	Brick & Mortar (Separate by Layers)	
6611-09	Sloatsburg, Upper Roof, Field, 2nd Layer	Iso Foam Insulation	STOP AT 1ST POSITIVE
6611-10	Sloatsburg, Lower Roof, Equipment Flashing, 3rd Layer	Iso Foam Insulation	

CHAIN OF CUSTODY (SEE LAST PAGE)

SUBMITTED BY: _____ DATE: _____

RECEIVED BY: [signature] DATE: 10/31 10:10

QUALITY ENVIRONMENTAL SOLUTIONS & TECHNOLOGIES, INC.

BULK SAMPLE FORM

211104843

CLIENT: NYS THRUWAY AUTHORITY

ADDRESS: 1309 ROUTE 300

NEWBURGH, NY 12550

CONTACT: VICTOR MAISONET

PROJECT ID: SLOATSBURG & MODENA SERVICE AREAS - ASBESTOS BULK SAMPLING

PROJECT # : Q11-6611

SAMPLED BY: L.JOHNSON III/R. GRIFFIN

DATE SAMPLED: 28-Oct-11

ANALYSIS METHOD: PLM

TURN-AROUND TIME: _____ HOURS

5 DAYS

_____ OTHER

SAMPLE # LAB#	LOCATION	SAMPLE DESCRIPTION	COMMENTS
6611-11	Sloatsburg, Upper Roof, Field, 3rd Layer	Perlite Insulation	STOP AT 1ST POSITIVE
6611-12	Sloatsburg, Lower Roof, Field, 2nd Layer	Perlite Insulation	
6611-13	Sloatsburg, Upper Roof, Field, Bottom Layer, on Metal Deck	Foam Insulation	STOP AT 1ST POSITIVE
6611-14	Sloatsburg, Front South Roof, Equipment Flashing, Bottom Layer, on Metal Deck	Foam Insulation	
6611-15	Sloatsburg, Lower Roof, Façade	Brick & Mortar (Separate by Layers)	STOP AT 1ST POSITIVE
6611-16	Sloatsburg, Upper Roof, Façade	Brick & Mortar (Separate by Layers)	

CHAIN OF CUSTODY (SEE LAST PAGE)

SUBMITTED BY: _____ DATE: 10-28-11

RECEIVED BY: _____ DATE: 10/31 10:10

AMERI SCI

AmeriSci New York
117 EAST 30TH ST.
NEW YORK, NY 10016
TEL: (212) 679-8600 • FAX: (212) 679-3114

PLM Bulk Asbestos Report

Quality Environmental Solution
Attn: Lawrence Holzapfel
1376 Route 9

Wappingers Falls, NY 12590

Date Received 10/31/11 **AmeriSci Job #** 211104844
Date Examined 11/02/11 **P.O. #**
ELAP # 11480 **Page** 1 **of** 12
RE: Q11-6611; NYS Thruway Authority; Sloatsburg & Modena Service Areas - Asbestos Bulk Sampling

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
6611-17 1	211104844-01 **Location:** Modena, Field, 2nd Layer/BUR	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 3 %, Non-fibrous 20.5 %		
6611-18 1	211104844-02 **Location:** Modena, Field, 2nd Layer/BUR	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 2 %, Non-fibrous 5.3 %		
6611-19 2	211104844-03 **Location:** Modena, Field, Top Layer/Rolled Roofing	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 36 %		
6611-20 2	211104844-04 **Location:** Modena, Field, Top Layer/Rolled Roofing	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 42.8 %		
6611-21 3	211104844-05 **Location:** Modena, On Field/Paint	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 49.7 %		

See Reporting notes on last page

			on 11/02/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 3 %, Non-fibrous 32.9 %		
6611-26 5	211104844-10 **Location:** Modena, Parapet Wall Flashing, 3rd Layer/Tar Paper	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 2 %, Non-fibrous 20.9 %		
6611-27 6	211104844-11 **Location:** Modena, Parapet Wall Flashing, 2nd Layer/Rolled Roofing	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 1 %, Non-fibrous 3.3 %		

See Reporting notes on last page

AmeriSci Job #: **211104844**
Client Name: Quality Environmental Solution

PLM Bulk Asbestos Report

Q11-6611; NYS Thruway Authority; Sloatsburg & Modena
Service Areas - Asbestos Bulk Sampling

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
6611-22	211104844-06	*No*	NAD
3	**Location:** Modena, On Field/Paint		(by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 41.4 %		
6611-23	211104844-07	*No*	NAD
4	**Location:** Modena, Parapet Wall Flashing, Bottom Layer, On CMU/Vapor Barrier		(by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Fibrous glass 0.3 %		
6611-24	211104844-08	*No*	NAD
4	**Location:** Modena, Parapet Wall Flashing, Bottom Layer, On CMU/Vapor Barrier		(by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 1 %		
6611-25	211104844-09	*No*	NAD
5	**Location:** Modena, Parapet Wall Flashing, 3rd Layer/Tar Paper		(by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Fibrous glass 3 %, Non-fibrous 32.9 %		
6611-26	211104844-10	*No*	NAD
5	**Location:** Modena, Parapet Wall Flashing, 3rd Layer/Tar Paper		(by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Fibrous glass 2 %, Non-fibrous 20.9 %		
6611-27	211104844-11	*No*	NAD
6	**Location:** Modena, Parapet Wall Flashing, 2nd Layer/Rolled Roofing		(by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Fibrous glass 1 %, Non-fibrous 3.3 %		

See Reporting notes on last page

AmeriSci Job #: **211104844**
Client Name: Quality Environmental Solution

PLM Bulk Asbestos Report

Q11-6611; NYS Thruway Authority; Sloatsburg & Modena Service Areas - Asbestos Bulk Sampling

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
6611-28 6	211104844-12 **Location:** Modena, Building Flashing, 2nd Layer/Rolled Roofing	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 1 %, Non-fibrous 21.8 %			
6611-29 7	211104844-13 **Location:** Modena, Parapet Wall Flashing, Top Layer/Rolled Roofing	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 1 %, Non-fibrous 25.3 %			
6611-30 7	211104844-14 **Location:** Modena, Building Flashing, Top Layer/Rolled Roofing	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 2 %, Non-fibrous 20.7 %			
6611-31 8	211104844-15 **Location:** Modena, Equipment Flashing, Bottom Layer, On Wood/Vapor Barrier	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 0.8 %			
6611-32 8	211104844-16 **Location:** Modena, Equipment Flashing, Bottom Layer, On Wood/Vapor Barrier	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 4.3 %			
6611-33 9	211104844-17 **Location:** Modena, Equipment Flashing, 2nd Layer/BUR	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 2 %, Non-fibrous 30.7 %			

See Reporting notes on last page

AmeriSci Job #: **211104844**
Client Name: Quality Environmental Solution

PLM Bulk Asbestos Report

Q11-6611; NYS Thruway Authority; Sloatsburg & Modena
Service Areas - Asbestos Bulk Sampling

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
6611-34 9	211104844-18 **Location:** Modena, Equipment Flashing, 2nd Layer/BUR	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
Analyst Description: Black, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 1 %, Non-fibrous 3 %			
6611-35 10	211104844-19 **Location:** Modena, On Metal Equipment Exhaust Seams/Caulk	*Yes*	Trace (<0.25 % pc) (ELAP 198.6; 400pc) by Bella J. Chernis on 11/02/11
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile <0.25 % pc **Other Material:** Non-fibrous 5.4 %			
6611-36 10	211104844-20 **Location:** Modena, On Metal Equipment Exhaust Seams/Caulk	*Yes*	Trace (<0.25 % pc) (ELAP 198.6; 400pc) by Bella J. Chernis on 11/02/11
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile <0.25 % pc **Other Material:** Non-fibrous 5.4 %			
6611-37 11	211104844-21 **Location:** Modena, On CMU Perimeter Facade To Metal Flashing/Caulk	*Yes*	4.2 % (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 4.2 % **Other Material:** Non-fibrous 11.5 %			
6611-38 11	211104844-22 **Location:** Modena, On CMU Perimeter Facade To Metal Flashing/Caulk		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
6611-39 12	211104844-23 **Location:** Modena, On Metal Vent Pipe/Tar	*Yes*	5.4 % (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 5.4 % **Other Material:** Non-fibrous 13.5 %			

See Reporting notes on last page

AmeriSci Job #: **211104844**
Client Name: Quality Environmental Solution

PLM Bulk Asbestos Report

Q11-6611; NYS Thruway Authority; Sloatsburg & Modena Service Areas - Asbestos Bulk Sampling

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
6611-40 12	211104844-24 **Location:** Modena, On Metal Vent Pipe/Tar		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
6611-41 13	211104844-25 **Location:** Modena, On Metal Pitch Pocket/Tar	***No***	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 6.1 %			
6611-42 13	211104844-26 **Location:** Modena, On Metal Pitch Pocket/Tar	***No***	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 12.1 %			
6611-43 14	211104844-27 **Location:** Sloatsburg, Upper Roof, Field, Top Layer/BUR	***No***	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 2 %, Non-fibrous 5.8 %			
6611-44 14	211104844-28 **Location:** Sloatsburg, Lower Roof, Field, Top Layer/BUR	***No***	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 2 %, Non-fibrous 6.5 %			
6611-45 15	211104844-29 **Location:** Sloatsburg, Upper Roof, Field Patch/Tar Patch	***No***	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 35.5 %			

See Reporting notes on last page

AmeriSci Job #: **211104844**
Client Name: Quality Environmental Solution

PLM Bulk Asbestos Report

Q11-6611; NYS Thruway Authority; Sloatsburg & Modena Service Areas - Asbestos Bulk Sampling

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
6611-46 15	211104844-30 **Location:** Sloatsburg, Upper Roof, Field Patch/Tar Patch	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 22.3 %			
6611-47 16	211104844-31 **Location:** Sloatsburg, Upper Roof, Building Flashing, Bottom Layer, On Wood/Tar	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 2 %, Non-fibrous 8.2 %			
6611-48 16	211104844-32 **Location:** Sloatsburg, Upper Roof, Building Flashing, Bottom Layer, On Wood/Tar	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 0.7 %			
6611-49 17	211104844-33 **Location:** Sloatsburg, Lower Roof, Parapet Wall Flashing, 2nd Layer/BUR	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 3 %, Non-fibrous 7.5 %			
6611-50 17	211104844-34 **Location:** Sloatsburg, Upper Roof, Building Flashing, 2nd Layer/BUR	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 2 %, Non-fibrous 4 %			
6611-51 18	211104844-35 **Location:** Sloatsburg, Lower Roof, Building Flashing, Top Layer/Rolling Roof	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 2 %, Non-fibrous 28.8 %			

See Reporting notes on last page

AmeriSci Job #: **211104844**
Client Name: Quality Environmental Solution

PLM Bulk Asbestos Report

Q11-6611; NYS Thruway Authority; Sloatsburg & Modena Service Areas - Asbestos Bulk Sampling

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
6611-52 18	211104844-36 **Location:** Sloatsburg, Upper Roof, Parapet Wall Flashing, Top Layer/Rolled Roof	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 2 %, Non-fibrous 22.6 %		
6611-53 19	211104844-37 **Location:** Sloatsburg, Lower Roof, Equipment Flashing, Bottom Layer, On Metal/Tar	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 1 %, Non-fibrous 4.6 %		
6611-54 19	211104844-38 **Location:** Sloatsburg, Front South Roof , Equipment Flashing, 2nd Layer/Tar	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 13.8 %		
6611-55 20	211104844-39 **Location:** Sloatsburg, Lower Roof, Equipment Flashing, 2nd Layer/BUR	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 3 %, Non-fibrous 16.9 %		
6611-56 20	211104844-40 **Location:** Sloatsburg, Lower Roof, Equipment Flashing, 2nd Layer/BUR	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 1 %, Non-fibrous 2.4 %		
6611-57 21	211104844-41 **Location:** Sloatsburg, Lower Roof, Equipment Flashing, Top Layer/Rolled Roofing	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 1 %, Non-fibrous 14.1 %		

See Reporting notes on last page

AmeriSci Job #: **211104844**
Client Name: Quality Environmental Solution

PLM Bulk Asbestos Report

Q11-6611; NYS Thruway Authority; Sloatsburg & Modena Service Areas - Asbestos Bulk Sampling

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
6611-58 21	211104844-42 **Location:** Sloatsburg, Lower Roof, Equipment Flashing, Top Layer/Rolled Roofing	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 3 %, Non-fibrous 29.4 %			
6611-59 22	211104844-43 **Location:** Sloatsburg, Front North Roof, Equipment Flashing, 2nd Layer/BUR	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 4 %, Non-fibrous 18.9 %			
6611-60 22	211104844-44 **Location:** Sloatsburg, Front South Roof, Equipment Flashing, 2nd Layer/BUR	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/02/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 9.2 %			
6611-61 23	211104844-45 **Location:** Sloatsburg, Front South Roof, Equipment Flashing, Top Layer/Rolled Roofing	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/03/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 3 %, Non-fibrous 10.2 %			
6611-62 23	211104844-46 **Location:** Sloatsburg, Front North Roof, Equipment Flashing, Top Layer/Rolled Roofing	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/03/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 0.8 %			
6611-63 24	211104844-47 **Location:** Sloatsburg, Lower Roof, On Metal Vent Pipe/Tar	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/03/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 30.8 %			

See Reporting notes on last page

AmeriSci Job #: **211104844**
Client Name: Quality Environmental Solution

PLM Bulk Asbestos Report

Q11-6611; NYS Thruway Authority; Sloatsburg & Modena Service Areas - Asbestos Bulk Sampling

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
6611-64 24	211104844-48 **Location:** Sloatsburg, Lower Roof, On Metal Vent Pipe/Tar	*Yes*	4.9 % (by NYS ELAP 198.6) by Bella J. Chernis on 11/03/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 4.9 % **Other Material:** Non-fibrous 11.1 %		
6611-65 25	211104844-49 **Location:** Sloatsburg, Upper Roof, Pitch Pocket/Tar	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/03/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 10.3 %		
6611-66 25	211104844-50 **Location:** Sloatsburg, Lower Roof, Pitch Pocket/Tar	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/03/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 10.3 %		
6611-67 26	211104844-51 **Location:** Sloatsburg, Lower Roof, On Wooden Stanchion/Tar	*Yes*	2.5 % (by NYS ELAP 198.6) by Bella J. Chernis on 11/03/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 2.5 % **Other Material:** Non-fibrous 8.1 %		
6611-68 26	211104844-52 **Location:** Sloatsburg, Lower Roof, On Wooden Stanchion/Tar		NA/PS
	Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**		
6611-69 27	211104844-53 **Location:** Sloatsburg, Lower Roof, On Parapet Wall Flashing Seams/Flashing Tar	*Yes*	2.5 % (ELAP 198.6; 400pc) by Bella J. Chernis on 11/03/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 2.5 % **Other Material:** Non-fibrous 33.3 %		

See Reporting notes on last page

AmeriSci Job #: **211104844**
Client Name: Quality Environmental Solution

PLM Bulk Asbestos Report

Q11-6611; NYS Thruway Authority; Sloatsburg & Modena Service Areas - Asbestos Bulk Sampling

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
6611-70 27	211104844-54 **Location:** Sloatsburg, Upper Roof, On Parapet Wall Flashing Seams/Flashing Tar		NA/PS
	Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**		
6611-71 28	211104844-55 **Location:** Sloatsburg, Lower Roof, On Metal Building Flashing/Flashing Tar	***No***	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/03/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 0.2 %		
6611-72 28	211104844-56 **Location:** Sloatsburg, Upper Roof, On Metal Building Flashing/Flashing Tar	***No***	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/03/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 1.9 %		
6611-73 29	211104844-57 **Location:** Sloatsburg, Upper Roof, On Field/Roof Paver	***No***	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/03/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 21.6 %		
6611-74 29	211104844-58 **Location:** Sloatsburg, Lower Roof, On Field/Roof Paver	***No***	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/03/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 2.6 %		
6611-75 30	211104844-59 **Location:** Sloatsburg, Upper Roof, On Field/Roof Paver	***No***	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/03/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 13.2 %		

See Reporting notes on last page

AmeriSci Job #: **211104844**
Client Name: Quality Environmental Solution

PLM Bulk Asbestos Report

Q11-6611; NYS Thruway Authority; Sloatsburg & Modena Service Areas - Asbestos Bulk Sampling

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
6611-76 30	211104844-60 **Location:** Sloatsburg, Upper Roof, On Field/Roof Paver	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/03/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 20 %		
6611-77 31	211104844-61 **Location:** Sloatsburg, Upper Roof, Parapet Wall Siding To Coping Stone Junction/Caulk	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/03/11
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 2.9 %		
6611-78 31	211104844-62 **Location:** Sloatsburg, Upper Roof, Parapet Wall Siding To Coping Stone Junction/Caulk	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/03/11
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 7.1 %		
6611-79 32	211104844-63 **Location:** Sloatsburg, Front North Roof, Brick Facade To Building Flashing/Caulk	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/03/11
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 14.9 %		
6611-80 32	211104844-64 **Location:** Sloatsburg, Front South Roof, Brick Facade To Building Flashing/Caulk	*No*	NAD (by NYS ELAP 198.6) by Bella J. Chernis on 11/03/11
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 8.5 %		

See Reporting notes on last page

Reviewed By:_____

END OF REPORT

AmeriSci Job #: **211104844**
Client Name: Quality Environmental Solution

PLM Bulk Asbestos Report

Q11-6611; NYS Thruway Authority; Sloatsburg & Modena
Service Areas - Asbestos Bulk Sampling

Reporting Notes:
Analyzed by: Bella J. Charnis Bella Charnis

*NAD/NSD =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 200546-0), ELAP PLM Method 198.1 for NY friable samples or 198.6 for NOB samples (NY ELAP Lab ID11480); Note:PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non asbestos-containing in NY State (also see EPA Advisory for floor tile, FR 59,146,38970,8/1/94) National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab.This PLM report relates ONLY to the items tested. AIHA Lab # 102843. RI Cert#AAL-094, CT Cert#PH-0186, Mass Cert#AA000054.

Reviewed By:_____

END OF REPORT

Table I
Summary of Bulk Asbestos Analysis Results
Q11-6611; NYS Thruway Authority; Sloatsburg & Modena Service Areas - Asbestos Bulk Sampling

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	6611-17	1	0.536	64.4	12.1	23.5	NAD	NAD
Location: Modena, Field, 2nd Layer/BUR								
02	6611-18	1	0.343	91.0	1.7	7.3	NAD	NAD
Location: Modena, Field, 2nd Layer/BUR								
03	6611-19	2	0.584	48.6	15.4	36.0	NAD	NAD
Location: Modena, Field, Top Layer/Rolled Roofing								
04	6611-20	2	0.684	38.2	19.0	42.8	NAD	NAD
Location: Modena, Field, Top Layer/Rolled Roofing								
05	6611-21	3	0.314	45.2	5.1	49.7	NAD	NAD
Location: Modena, On Field/Paint								
06	6611-22	3	0.295	54.6	4.1	41.4	NAD	NAD
Location: Modena, On Field/Paint								
07	6611-23	4	0.319	99.1	0.6	0.3	NAD	NAD
Location: Modena, Parapet Wall Flashing, Bottom Layer, On CMU/Vapor Barrier								
08	6611-24	4	0.312	96.2	2.9	1.0	NAD	NAD
Location: Modena, Parapet Wall Flashing, Bottom Layer, On CMU/Vapor Barrier								
09	6611-25	5	0.518	43.4	20.7	35.9	NAD	NAD
Location: Modena, Parapet Wall Flashing, 3rd Layer/Tar Paper								
10	6611-26	5	0.384	62.0	15.1	22.9	NAD	NAD
Location: Modena, Parapet Wall Flashing, 3rd Layer/Tar Paper								
11	6611-27	6	0.188	92.6	3.2	4.3	NAD	NAD
Location: Modena, Parapet Wall Flashing, 2nd Layer/Rolled Roofing								
12	6611-28	6	0.517	64.8	12.4	22.8	NAD	NAD
Location: Modena, Building Flashing, 2nd Layer/Rolled Roofing								
13	6611-29	7	0.506	65.0	8.7	26.3	NAD	NAD
Location: Modena, Parapet Wall Flashing, Top Layer/Rolled Roofing								
14	6611-30	7	0.392	66.3	11.0	22.7	NAD	NAD
Location: Modena, Building Flashing, Top Layer/Rolled Roofing								
15	6611-31	8	0.502	98.8	0.4	0.8	NAD	NAD
Location: Modena, Equipment Flashing, Bottom Layer, On Wood/Vapor Barrier								
16	6611-32	8	0.235	94.0	1.7	4.3	NAD	NAD
Location: Modena, Equipment Flashing, Bottom Layer, On Wood/Vapor Barrier								

See Reporting notes on last page

Table I

Summary of Bulk Asbestos Analysis Results

Q11-6611; NYS Thruway Authority; Sloatsburg & Modena Service Areas - Asbestos Bulk Sampling

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	6611-33	9	0.675	41.0	26.2	32.7	NAD	NAD
Location:	Modena, Equipment Flashing, 2nd Layer/BUR							
18	6611-34	9	0.749	93.7	2.3	4.0	NAD	NAD
Location:	Modena, Equipment Flashing, 2nd Layer/BUR							
19	6611-35	10	0.523	44.0	50.5	5.3	Chrysotile <0.25	Chrysotile <1.0
Location:	Modena, On Metal Equipment Exhaust Seams/Caulk							
20	6611-36	10	0.447	43.0	51.7	5.3	Chrysotile <0.25	Chrysotile Trace
Location:	Modena, On Metal Equipment Exhaust Seams/Caulk							
21	6611-37	11	0.426	53.3	31.0	11.5	Chrysotile 4.2	NA
Location:	Modena, On CMU Perimeter Facade To Metal Flashing/Caulk							
22	6611-38	11	0.427	37.5	50.1	12.4	NA/PS	NA
Location:	Modena, On CMU Perimeter Facade To Metal Flashing/Caulk							
23	6611-39	12	0.518	79.0	2.1	13.5	Chrysotile 5.4	NA
Location:	Modena, On Metal Vent Pipe/Tar							
24	6611-40	12	0.283	92.9	0.4	6.7	NA/PS	NA
Location:	Modena, On Metal Vent Pipe/Tar							
25	6611-41	13	0.329	83.0	10.9	6.1	NAD	NAD
Location:	Modena, On Metal Pitch Pocket/Tar							
26	6611-42	13	0.413	85.0	2.9	12.1	NAD	NAD
Location:	Modena, On Metal Pitch Pocket/Tar							
27	6611-43	14	0.320	91.9	0.3	7.8	NAD	NAD
Location:	Sloatsburg, Upper Roof, Field, Top Layer/BUR							
28	6611-44	14	0.293	91.1	0.3	8.5	NAD	NAD
Location:	Sloatsburg, Lower Roof, Field, Top Layer/BUR							
29	6611-45	15	0.467	60.6	3.9	35.5	NAD	NAD
Location:	Sloatsburg, Upper Roof, Field Patch/Tar Patch							
30	6611-46	15	0.498	72.5	5.2	22.3	NAD	NAD
Location:	Sloatsburg, Upper Roof, Field Patch/Tar Patch							
31	6611-47	16	0.246	88.6	1.2	10.2	NAD	NAD
Location:	Sloatsburg, Upper Roof, Building Flashing, Bottom Layer, On Wood/Tar							
32	6611-48	16	0.428	99.1	0.2	0.7	NAD	NAD
Location:	Sloatsburg, Upper Roof, Building Flashing, Bottom Layer, On Wood/Tar							

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results
Q11-6611; NYS Thruway Authority; Sloatsburg & Modena Service Areas - Asbestos Bulk Sampling

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
33	6611-49	17	0.258	88.8	0.8	10.5	NAD	NAD
Location: Sloatsburg, Lower Roof, Parapet Wall Flashing, 2nd Layer/BUR								
34	6611-50	17	0.252	93.7	0.4	6.0	NAD	NAD
Location: Sloatsburg, Upper Roof, Building Flashing, 2nd Layer/BUR								
35	6611-51	18	0.302	58.3	10.9	30.8	NAD	NAD
Location: Sloatsburg, Lower Roof, Building Flashing, Top Layer/Rolling Roof								
36	6611-52	18	0.463	64.1	11.2	24.6	NAD	NAD
Location: Sloatsburg, Upper Roof, Parapet Wall Flashing, Top Layer/Rolled Roof								
37	6611-53	19	0.375	91.5	2.9	5.6	NAD	NAD
Location: Sloatsburg, Lower Roof, Equipment Flashing, Bottom Layer, On Metal/Tar								
38	6611-54	19	0.442	79.2	7.0	13.8	NAD	NAD
Location: Sloatsburg, Front South Roof , Equipment Flashing, 2nd Layer/Tar								
39	6611-55	20	0.744	71.4	8.7	19.9	NAD	NAD
Location: Sloatsburg, Lower Roof, Equipment Flashing, 2nd Layer/BUR								
40	6611-56	20	0.383	96.3	0.3	3.4	NAD	NAD
Location: Sloatsburg, Lower Roof, Equipment Flashing, 2nd Layer/BUR								
41	6611-57	21	0.411	66.4	18.5	15.1	NAD	NAD
Location: Sloatsburg, Lower Roof, Equipment Flashing, Top Layer/Rolled Roofing								
42	6611-58	21	0.593	51.4	16.2	32.4	NAD	NAD
Location: Sloatsburg, Lower Roof, Equipment Flashing, Top Layer/Rolled Roofing								
43	6611-59	22	0.624	67.5	9.6	22.9	NAD	NAD
Location: Sloatsburg, Front North Roof, Equipment Flashing, 2nd Layer/BUR								
44	6611-60	22	0.284	82.4	8.5	9.2	NAD	NAD
Location: Sloatsburg, Front South Roof, Equipment Flashing, 2nd Layer/BUR								
45	6611-61	23	0.423	72.3	14.4	13.2	NAD	NAD
Location: Sloatsburg, Front South Roof, Equipment Flashing, Top Layer/Rolled Roofing								
46	6611-62	23	0.386	73.1	26.2	0.8	NAD	NAD
Location: Sloatsburg, Front North Roof, Equipment Flashing, Top Layer/Rolled Roofing								
47	6611-63	24	0.464	66.4	2.8	30.8	NAD	NA
Location: Sloatsburg, Lower Roof, On Metal Vent Pipe/Tar								
48	6611-64	24	0.536	78.5	5.4	11.1	Chrysotile 4.9	NA
Location: Sloatsburg, Lower Roof, On Metal Vent Pipe/Tar								

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results
Q11-6611; NYS Thruway Authority; Sloatsburg & Modena Service Areas - Asbestos Bulk Sampling

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
49	6611-65	25	0.340	85.0	4.7	10.3	NAD	NAD
Location: Sloatsburg, Upper Roof, Pitch Pocket/Tar								
50	6611-66	25	0.574	80.5	9.2	10.3	NAD	NAD
Location: Sloatsburg, Lower Roof, Pitch Pocket/Tar								
51	6611-67	26	0.274	86.1	3.3	8.1	Chrysotile 2.5	NA
Location: Sloatsburg, Lower Roof, On Wooden Stanchion/Tar								
52	6611-68	26	0.523	70.7	5.0	24.3	NA/PS	NA
Location: Sloatsburg, Lower Roof, On Wooden Stanchion/Tar								
53	6611-69	27	0.232	54.3	9.9	33.3	Chrysotile 2.5	NA
Location: Sloatsburg, Lower Roof, On Parapet Wall Flashing Seams/Flashing Tar								
54	6611-70	27	0.449	77.3	6.7	16.0	NA/PS	NA
Location: Sloatsburg, Upper Roof, On Parapet Wall Flashing Seams/Flashing Tar								
55	6611-71	28	0.428	99.1	0.7	0.2	NAD	NAD
Location: Sloatsburg, Lower Roof, On Metal Building Flashing/Flashing Tar								
56	6611-72	28	0.471	97.9	0.2	1.9	NAD	NAD
Location: Sloatsburg, Upper Roof, On Metal Building Flashing/Flashing Tar								
57	6611-73	29	0.546	58.4	20.0	21.5	NAD	Chrysotile Trace
Location: Sloatsburg, Upper Roof, On Field/Roof Paver								
58	6611-74	29	0.312	96.5	1.0	2.5	NAD	Chrysotile Trace
Location: Sloatsburg, Lower Roof, On Field/Roof Paver								
59	6611-75	30	0.287	57.5	29.3	13.2	NAD	NAD
Location: Sloatsburg, Upper Roof, On Field/Roof Paver								
60	6611-76	30	0.440	58.0	22.0	20.0	NAD	NAD
Location: Sloatsburg, Upper Roof, On Field/Roof Paver								
61	6611-77	31	0.342	73.4	23.7	2.9	NAD	NAD
Location: Sloatsburg, Upper Roof, Parapet Wall Siding To Coping Stone Junction/Caulk								
62	6611-78	31	0.280	71.8	21.1	7.1	NAD	NAD
Location: Sloatsburg, Upper Roof, Parapet Wall Siding To Coping Stone Junction/Caulk								
63	6611-79	32	0.268	61.6	23.5	14.9	NAD	NAD
Location: Sloatsburg, Front North Roof, Brick Facade To Building Flashing/Caulk								
64	6611-80	32	0.342	70.2	21.3	8.5	NAD	NAD
Location: Sloatsburg, Front South Roof, Brick Facade To Building Flashing/Caulk								

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results

Q11-6611; NYS Thruway Authority; Sloatsburg & Modena Service Areas - Asbestos Bulk Sampling

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM

Analyzed by: Marik Peysakhov_____; Date Analyzed 11/4/2011

**Quantitative Analysis (Semi/Full); Bulk Asbestos Analysis - PLM by EPA 600/M4-82-020 per 40 CFR or ELAP 198.1 for New York friable samples or ELAP 198.6 for New York NOB samples; TEM (Semi/Full) by EPA 600/R-93/116 (not covered by NVLAP Bulk accreditation) or ELAP 198.4; for New York samples; NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses); AIHA Lab # 102843, NVLAP Lab Code 200546-0, NYSDOH ELAP Lab ID#11480.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogenous materials).

Reviewed By:_____

QUALITY ENVIRONMENTAL SOLUTIONS & TECHNOLOGIES, INC.

BULK SAMPLE FORM

211104844

CLIENT: NYS THRUWAY AUTHORITY

ADDRESS: 1309 ROUTE 300

NEWBURGH, NY 12550

CONTACT: VICTOR MAISONET

PROJECT ID: SLOATSBURG & MODENA SERVICE AREAS - ASBESTOS BULK SAMPLING

PROJECT #: Q11-6611

SAMPLED BY: L.JOHNSON III/R. GRIFFIN

DATE SAMPLED: 28-Oct-11

ANALYSIS METHOD: PLM-NOB/CONFIRMATORY TEM

TURN-AROUND TIME: ____ HOURS

5 DAYS

____ OTHER

SAMPLE # LAB#	LOCATION	SAMPLE DESCRIPTION	COMMENTS
6611-17	Modena, Field, 2nd Layer	BUR	STOP AT 1ST POSITIVE
6611-18	Modena, Field, 2nd Layer	BUR	
6611-19	Modena, Field, Top Layer	Rolled Roofing	STOP AT 1ST POSITIVE
6611-20	Modena, Field, Top Layer	Rolled Roofing	
6611-21	Modena, on Field	Paint	STOP AT 1ST POSITIVE
6611-22	Modena, on Field	Paint	
6611-23	Modena, Parapet Wall Flashing, Bottom Layer, on CMU	Vapor Barrier	STOP AT 1ST POSITIVE
6611-24	Modena, Building Flashing, Bottom Layer, on CMU	Vapor Barrier	
6611-25	Modena, Parapet Wall Flashing, 3rd Layer	Tar Paper	STOP AT 1ST POSITIVE
6611-26	Modena, Parapet Wall Flashing, 3rd Layer	Tar Paper	

CHAIN OF CUSTODY (SEE LAST PAGE)

SUBMITTED BY: _____ DATE: _____

RECEIVED BY: J Griffin DATE: 10/31 10:10

QUALITY ENVIRONMENTAL SOLUTIONS & TECHNOLOGIES, INC.

BULK SAMPLE FORM

211104844

CLIENT: NYS THRUWAY AUTHORITY
ADDRESS: 1309 ROUTE 300
NEWBURGH, NY 12550
CONTACT: VICTOR MAISONET
PROJECT ID: SLOATSBURG & MODENA SERVICE AREAS - ASBESTOS BULK SAMPLING
PROJECT #: Q11-6611

SAMPLED BY: L.JOHNSON III/R. GRIFFIN
DATE SAMPLED: 28-Oct-11
ANALYSIS METHOD: PLM-NOB/CONFIRMATORY TEM
TURN-AROUND TIME: ____ HOURS
5 DAYS
____ OTHER

SAMPLE # LAB#	LOCATION	SAMPLE DESCRIPTION		COMMENTS
6611-27	Modena, Parapet Wall Flashing, 2nd Layer		Rolled Roofing	STOP AT 1ST POSITIVE
6611-28	Modena, Building Flashing, 2nd Layer		Rolled Roofing	
6611-29	Modena, Parapet Wall Flashing, Top Layer		Rolled Roofing	STOP AT 1ST POSITIVE
6611-30	Modena, Building Flashing, Top Layer		Rolled Roofing	
6611-31	Modena, Equipment Flashing, Bottom Layer, on Wood		Vapor Barrier	STOP AT 1ST POSITIVE
6611-32	Modena, Equipment Flashing, Bottom Layer, on Wood		Vapor Barrier	
6611-33	Modena, Equipment Flashing, 2nd Layer		BUR	STOP AT 1ST POSITIVE
6611-34	Modena, Equipment Flashing, 2nd Layer		BUR	
6611-35	Modena, on Metal Equipment Exhaust Seams		Caulk	STOP AT 1ST POSITIVE
6611-36	Modena, on Metal Equipment Exhaust Seams		Caulk	

CHAIN OF CUSTODY (SEE LAST PAGE)

SUBMITTED BY: _____ DATE: _____

RECEIVED BY: Jeffrey L DATE: 10/31 10:10

QUALITY ENVIRONMENTAL SOLUTIONS & TECHNOLOGIES, INC.

BULK SAMPLE FORM

211104844

CLIENT: NYS THRUWAY AUTHORITY

ADDRESS: 1309 ROUTE 300

NEWBURGH, NY 12550

CONTACT: VICTOR MAISONET

PROJECT ID: SLOATSBURG & MODENA SERVICE AREAS - ASBESTOS BULK SAMPLING

PROJECT #: Q11-6611

SAMPLED BY: L.JOHNSON III/R. GRIFFIN

DATE SAMPLED: 28-Oct-11

ANALYSIS METHOD: PLM-NOB/CONFIRMATORY TEM

TURN-AROUND TIME: ____ HOURS

5 DAYS

____ OTHER

SAMPLE # LAB#	LOCATION	SAMPLE DESCRIPTION		COMMENTS
6611-37	Modena, on CMU Perimeter Façade to Metal Flashing		Caulk	STOP AT 1ST POSITIVE
6611-38	Modena, on CMU Perimeter Façade to Metal Flashing		Caulk	
6611-39	Modena, on Metal Vent Pipe		Tar	STOP AT 1ST POSITIVE
6611-40	Modena, on Metal Vent Pipe		Tar	
6611-41	Modena, on Metal Pitch Pocket		Tar	STOP AT 1ST POSITIVE
6611-42	Modena, on Metal Pitch Pocket		Tar	
6611-43	Sloatsburg, Upper Roof, Field, Top Layer		BUR	STOP AT 1ST POSITIVE
6611-44	Sloatsburg, Lower Roof, Field, Top Layer		BUR	
6611-45	Sloatsburg, Upper Roof, Field Patch		Tar Patch	STOP AT 1ST POSITIVE
6611-46	Sloatsburg, Upper Roof, Field Patch		Tar Patch	

CHAIN OF CUSTODY (SEE LAST PAGE)

SUBMITTED BY: _____ DATE: _____

RECEIVED BY: [signature] DATE: 10/31 10:10

QUALITY ENVIRONMENTAL SOLUTIONS & TECHNOLOGIES, INC.

BULK SAMPLE FORM

211104844

CLIENT: NYS THRUWAY AUTHORITY
ADDRESS: 1309 ROUTE 300
NEWBURGH, NY 12550
CONTACT: VICTOR MAISONET
PROJECT ID: SLOATSBURG & MODENA SERVICE AREAS - ASBESTOS BULK SAMPLING
PROJECT #: Q11-6611

SAMPLED BY: L.JOHNSON III/R. GRIFFIN
DATE SAMPLED: 28-Oct-11
ANALYSIS METHOD: PLM-NOB/CONFIRMATORY TEM
TURN-AROUND TIME: ____ HOURS
5 DAYS
____ OTHER

SAMPLE # LAB#	LOCATION	SAMPLE DESCRIPTION		COMMENTS
6611-47	Sloatsburg, Upper Roof, Building Flashing, Bottom Layer, on Wood		Tar	STOP AT 1ST POSITIVE
6611-48	Sloatsburg, Lower Roof, Parapet Wall Flashing, Bottom Layer, on Wood		Tar	
6611-49	Sloatsburg, Lower Roof, Parapet Wall Flashing, 2nd Layer		BUR	STOP AT 1ST POSITIVE
6611-50	Sloatsburg, Upper Roof, Building Flashing, 2nd Layer		BUR	
6611-51	Sloatsburg, Lower Roof, Building Flashing, Top Layer		Rolling Roof	STOP AT 1ST POSITIVE
6611-52	Sloatsburg, Upper Roof, Parapet Wall Flashing, Top Layer		Rolled Roof	
6611-53	Sloatsburg, Lower Roof, Equipment Flashing, Bottom Layer, on Metal		Tar	STOP AT 1ST POSITIVE
6611-54	Sloatsburg, Front South Roof, Equipment Flashing, 2nd Layer		Tar	
6611-55	Sloatsburg, Lower Roof, Equipment Flashing, 2nd Layer		BUR	STOP AT 1ST POSITIVE
6611-56	Sloatsburg, Lower Roof, Equipment Flashing, 2nd Layer		BUR	

CHAIN OF CUSTODY (SEE LAST PAGE)

SUBMITTED BY: _____ DATE: _____

RECEIVED BY: [signature] DATE: 10/31 10:10

QUALITY ENVIRONMENTAL SOLUTIONS & TECHNOLOGIES, INC.

BULK SAMPLE FORM

211104844

CLIENT: NYS THRUWAY AUTHORITY

ADDRESS: 1309 ROUTE 300

NEWBURGH, NY 12550

CONTACT: VICTOR MAISONET

PROJECT ID: SLOATSBURG & MODENA SERVICE AREAS - ASBESTOS BULK SAMPLING

PROJECT #: Q11-6611

SAMPLED BY: L.JOHNSON III/R. GRIFFIN

DATE SAMPLED: 28-Oct-11

ANALYSIS METHOD: PLM-NOB/CONFIRMATORY TEM

TURN-AROUND TIME: _____ HOURS

5 DAYS

_____ OTHER

SAMPLE # LAB#	LOCATION	SAMPLE DESCRIPTION		COMMENTS
6611-57	Sloatsburg, Lower Roof, Equipment Flashing, Top Layer		Rolled Roofing	STOP AT 1ST POSITIVE
6611-58	Sloatsburg, Lower Roof, Equipment Flashing, Top Layer		Rolled Roofing	
6611-59	Sloatsburg, Front North Roof, Equipment Flashing, 2nd Layer		BUR	STOP AT 1ST POSITIVE
6611-60	Sloatsburg, Front South Roof, Equipment Flashing, 2nd Layer		BUR	
6611-61	Sloatsburg, Front South Roof, Equipment Flashing, Top Layer		Rolled Roofing	STOP AT 1ST POSITIVE
6611-62	Sloatsburg, Front North Roof, Equipment Flashing, Top Layer		Rolled Roofing	
6611-63	Sloatsburg, Lower Roof, on Metal Vent Pipe		Tar	STOP AT 1ST POSITIVE
6611-64	Sloatsburg, Lower Roof, on Metal Vent Pipe		Tar	
6611-65	Sloatsburg, Upper Roof, Pitch Pocket		Tar	STOP AT 1ST POSITIVE
6611-66	Sloatsburg, Lower roof, Pitch Pocket		Tar	

CHAIN OF CUSTODY (SEE LAST PAGE)

SUBMITTED BY: _____ DATE: _____

RECEIVED BY: [signature] DATE: 10/31 10:10

QUALITY ENVIRONMENTAL SOLUTIONS & TECHNOLOGIES, INC.

BULK SAMPLE FORM

211104844

CLIENT: NYS THRUWAY AUTHORITY

ADDRESS: 1309 ROUTE 300

NEWBURGH, NY 12550

CONTACT: VICTOR MAISONET

PROJECT ID: SLOATSBURG & MODENA SERVICE AREAS - ASBESTOS BULK SAMPLING

PROJECT # : Q11-6611

SAMPLED BY: L.JOHNSON III/R. GRIFFIN

DATE SAMPLED: 28-Oct-11

ANALYSIS METHOD: PLM-NOB/CONFIRMATORY TEM

TURN-AROUND TIME: _____ HOURS

5 DAYS

_____ OTHER

SAMPLE # LAB#	LOCATION		SAMPLE DESCRIPTION	COMMENTS
6611-67	Sloatsburg, Lower Roof, on Wooden Stanchion		Tar	STOP AT 1ST POSITIVE
6611-68	Sloatsburg, Lower Roof, on Wooden Stanchion		Tar	
6611-69	Sloatsburg, Lower Roof, on Parapet Wall Flashing Seams		Flashing Tar	STOP AT 1ST POSITIVE
6611-70	Sloatsburg, Upper Roof, on Parapet Wall Flashing Seams		Flashing Tar	
6611-71	Sloatsburg, Lower Roof, on Metal Building Flashing		Flashing Tar	STOP AT 1ST POSITIVE
6611-72	Sloatsburg, Upper Roof, on Metal Building Flashing		Flashing Tar	
6611-73	Sloatsburg, Upper Roof, on Field		Roof Paver	STOP AT 1ST POSITIVE
6611-74	Sloatsburg, Lower Roof, on Field		Roof Paver	
6611-75	Sloatsburg, Front South Roof, on Field		Roof Paver	STOP AT 1ST POSITIVE
6611-76	Sloatsburg, Front South Roof, on Field		Roof Paver	

CHAIN OF CUSTODY (SEE LAST PAGE)

SUBMITTED BY: _____ DATE: _____

RECEIVED BY: [signature] DATE: 10/31 10:10

QUALITY ENVIRONMENTAL SOLUTIONS & TECHNOLOGIES, INC.

BULK SAMPLE FORM .211104844

CLIENT: NYS THRUWAY AUTHORITY

ADDRESS: 1309 ROUTE 300

NEWBURGH, NY 12550

CONTACT: VICTOR MAISONET

PROJECT ID: SLOATSBURG & MODENA SERVICE AREAS - ASBESTOS BULK SAMPLING

PROJECT # : Q11-6611

SAMPLED BY: L.JOHNSON III/R. GRIFFIN

DATE SAMPLED: 28-Oct-11

ANALYSIS METHOD: PLM-NOB/CONFIRMATORY TEM

TURN-AROUND TIME: ____ HOURS

5 DAYS

____ OTHER

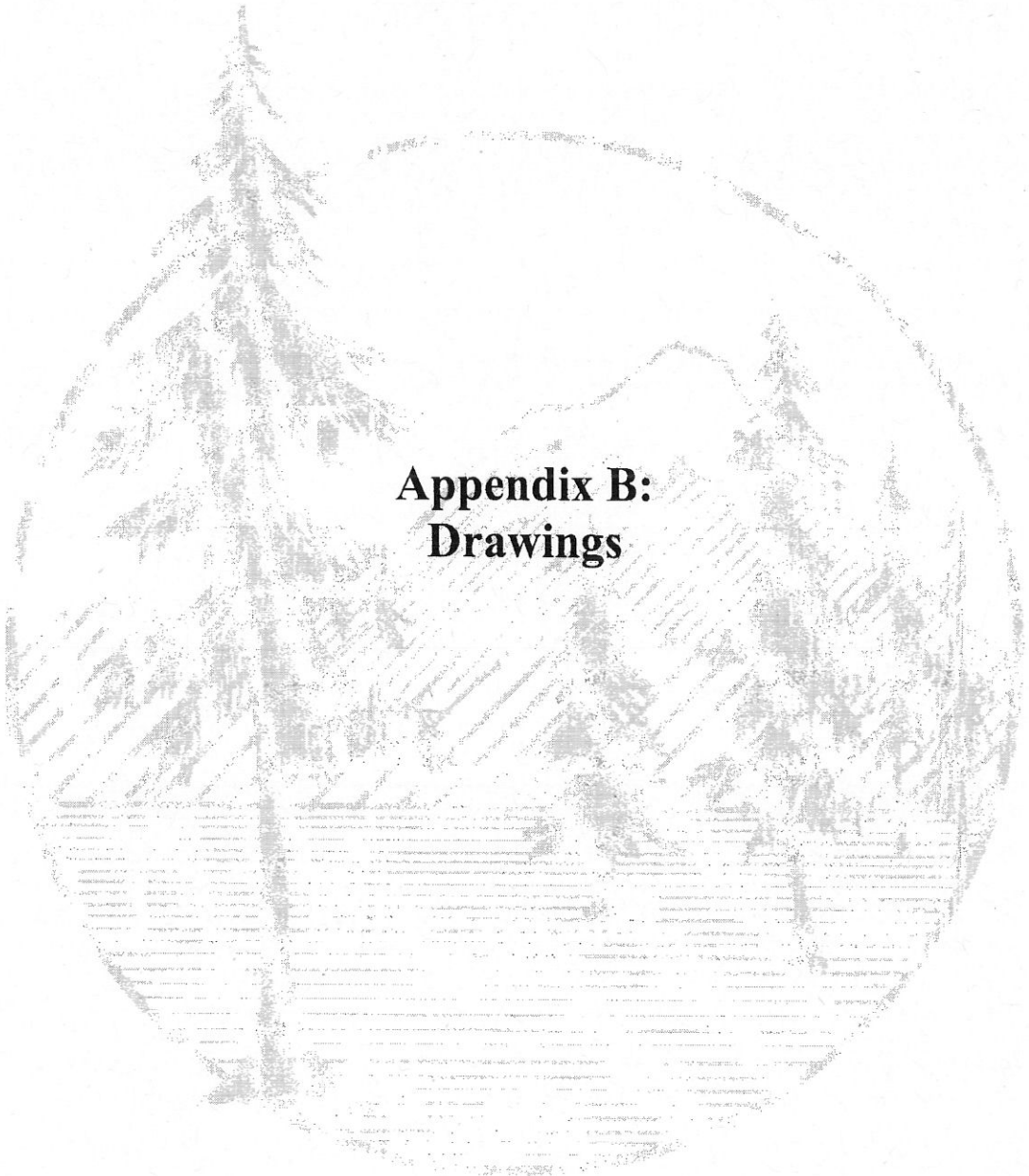
SAMPLE # LAB#	LOCATION	SAMPLE DESCRIPTION	COMMENTS
6611-77	Sloatsburg, Upper Roof, Parapet Wall Siding to Coping Stone Juction	Caulk	STOP AT 1ST POSITIVE
6611-78	Sloatsburg, Upper Roof, Parapet Wall Siding to Coping Stone Juction	Caulk	
6611-79	Sloatsburg, Front North Roof, Brick Façade to Building Flashing	Caulk	STOP AT 1ST POSITIVE
6611-80	Sloatsburg, Front South Roof, Brick Façade to Building Flashing	Caulk	

CHAIN OF CUSTODY (SEE LAST PAGE)

SUBMITTED BY: _____ DATE: 10-28-11

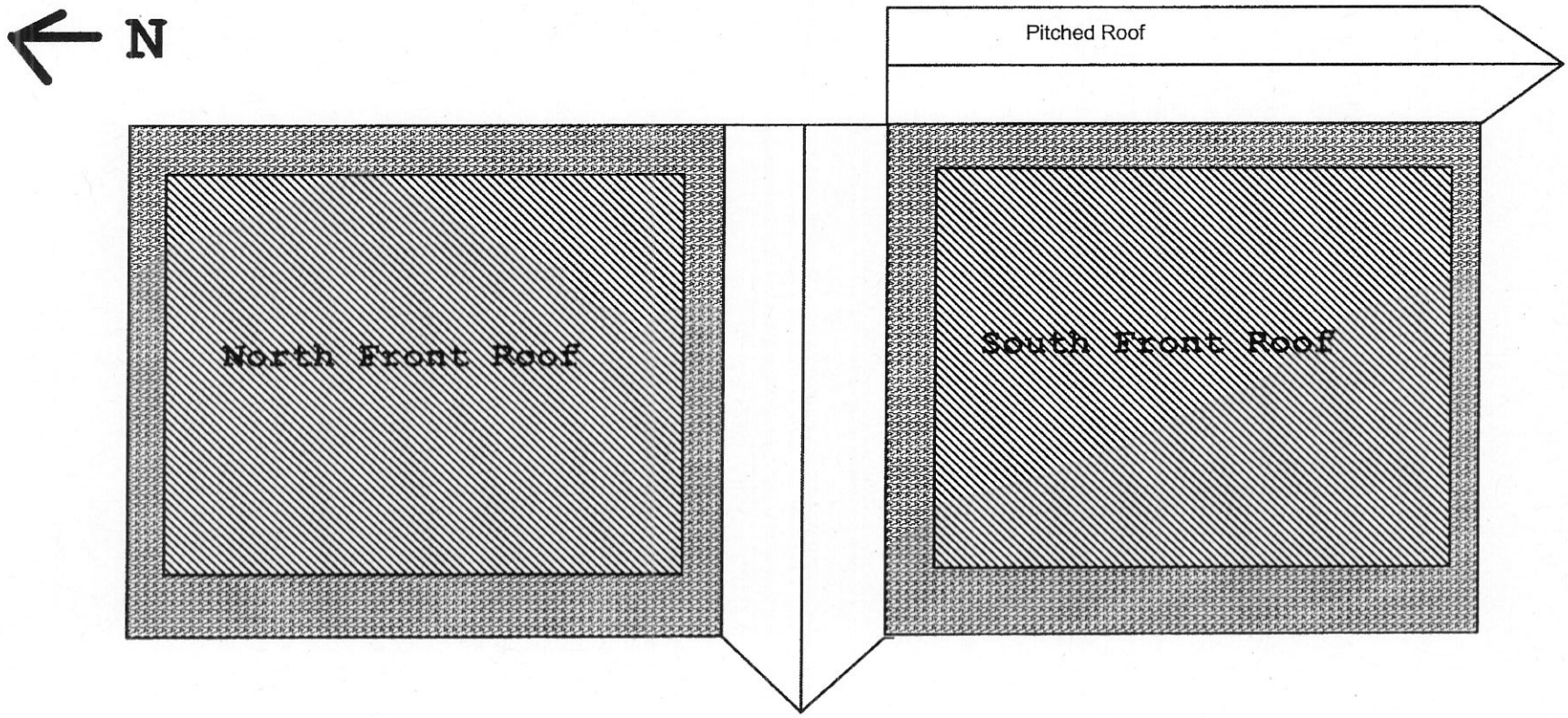
RECEIVED BY: _____ DATE: 10/31 10:10

QuES&T
Quality Environmental Solutions & Technologies, Inc.



Appendix B:
Drawings

NYS THRUWAY AUTHORITY
SLOATSBURG SERVICE AREA
" APPROX. FRONT ROOFS ACM LOCATIONS "



~ Drawing Not to Scale ~

KEY:

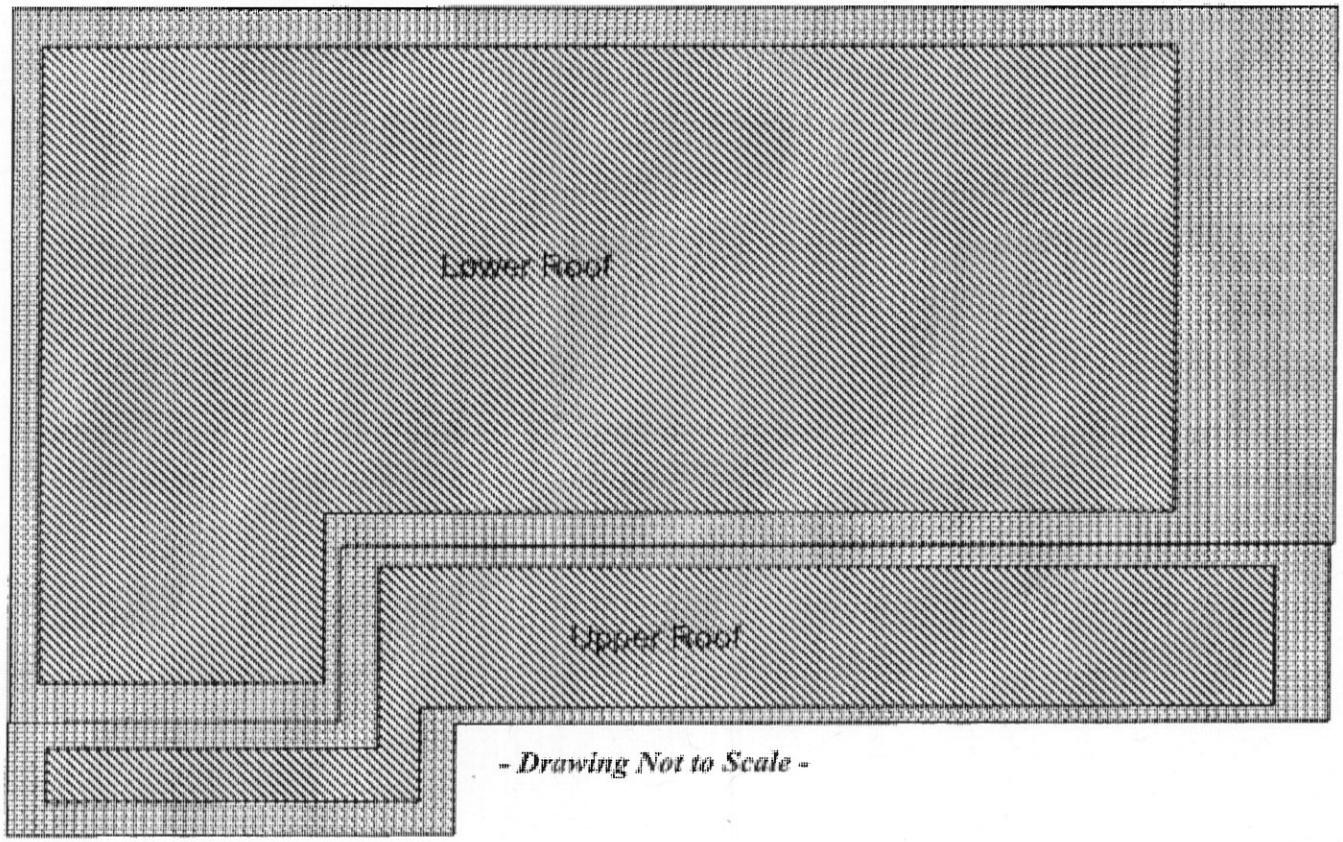
ACM Tar on Vent Pipes

ACM Flashing Tar on Metal Perimeter & Building Flashing

Please see report for details

Prepared by: Quality Environmental Solutions & Technologies, Inc.

NYS THRUWAY AUTHORITY
SLOATSBURG SERVICE AREA
** APPROX. UPPER & LOWER ROOF ACM LOCATIONS **



N →

KEY:

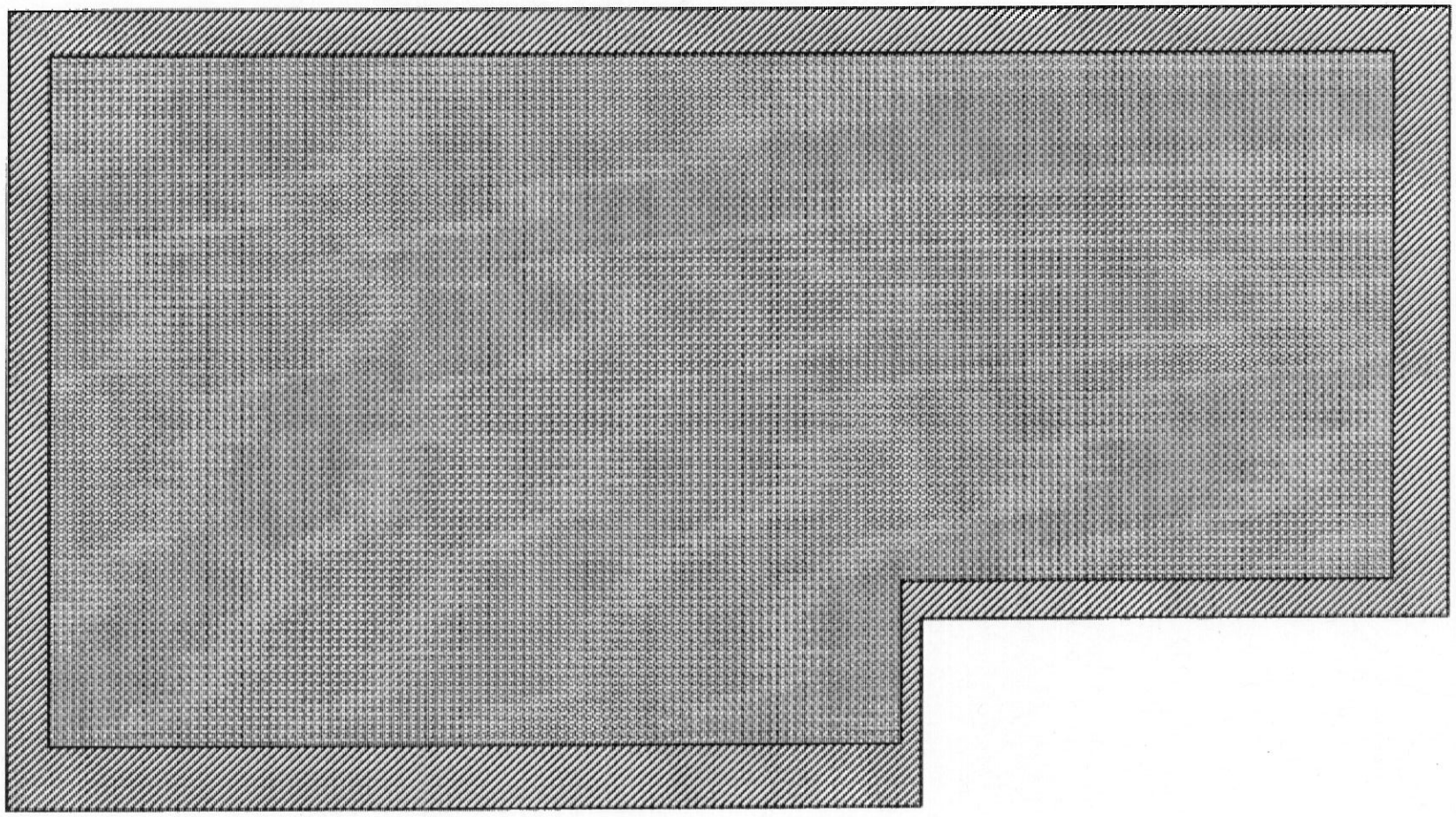
ACM Tar on Vent Pipes/Wooden Stachions

ACM Flashing Tar on Metal Perimeter & Building Flashing

Please see report for details

Prepared by: Quality Environmental Solutions & Technologies, Inc.

NYS THRUWAY AUTHORITY
MODENA SERVICE AREA
** APPROX. ROOF ACM LOCATIONS **



N

~ Drawing Not to Scale ~

KEY:

ACM Tar on metal vent pipes

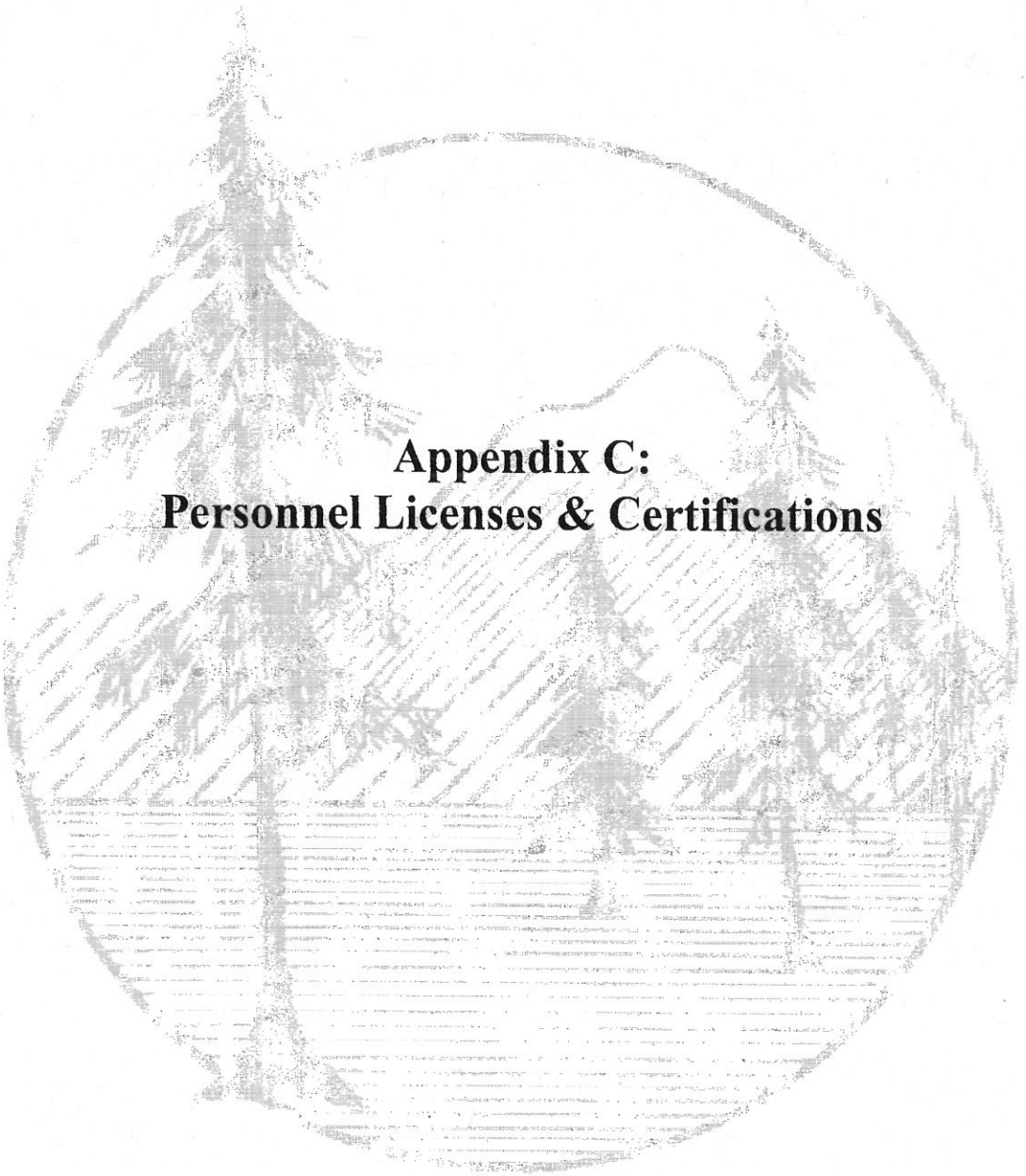
ACM Caulk on metal to brick & mortar facade perimeter parapet walls

Please see report for details

Prepared by: Quality Environmental Solutions & Technologies, Inc.

QuES&T

Quality Environmental Solutions & Technologies, Inc.



Appendix C:
Personnel Licenses & Certifications

1376 Route 9, Wappingers Falls, NY 12590 • Phone: 845-298-6031 • Fax: 845-298-6251 • Online:www.Qualityenv.com

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

Quality Environmental Solutions & Technologies, Inc.

1376 Route 9

Wappinger Falls, NY 12590

FILE NUMBER: 99-0018
LICENSE NUMBER: 29085
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 12/15/2010
EXPIRATION DATE: 01/31/2012

Duly Authorized Representative – Lawrence J Holzapfel

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)

STATE OF NEW YORK
DEPARTMENT OF HEALTH

Wadsworth Center The Governor Nelson A. Rockefeller Empire State Plaza P.O. BOX 509 Albany, New York 12201-0509

LAB ID: 11480

April 01, 2011

MR. PAUL MUCHA
AMERICA SCIENCE TEAM NEW YORK INC
117 EAST 30TH ST
NEW YORK, NY 10016

Certificate Expiration Date:
April 01, 2012

Dear Mr. Mucha,

Enclosed are Certificate(s) of Approval issued to your environmental laboratory for the current permit year. The Certificate(s) supersede(s) any previously issued one(s) and is(are) in effect through the expiration date listed. Please carefully examine the Certificate(s) to insure that the categories, subcategories, analytes, and methods for which your laboratory is approved are correct. In addition, verify that your laboratory's name, address, lead technical director, and identification number are accurate.

Pursuant to NYCRR Subpart 55-2.2, original certificates must be posted conspicuously in the laboratory and copies shall be made available to any client of the laboratory upon request.

Pursuant to NYCRR Subpart 55-2.6, any misrepresentation of the Fields of Accreditation (Matrix - Method - Analyte) for which your laboratory is approved may result in denial, suspension, or revocation of your certification. Any use of the Environmental Laboratory Approval Program (ELAP) or National Environmental Laboratory Accreditation Program (NELAP) name, reference to the laboratory's approval status, and/or using the NELAP logo in any catalogs, advertising, business solicitations, proposals, quotations, laboratory analytical reports, or other materials must include the laboratory's ELAP identification number and distinguish between testing for which the laboratory is approved and testing for which the laboratory is not approved.

Please notify the ELAP office of any changes you feel need to be made to your Certificate(s). We may be reached by email - elap@health.state.ny.us - or by calling (518) 485-5570.

Sincerely,

Stephanie E. Ostrowski

STEPHANIE OSTROWSKI, PH.D.
Program Director
Environmental Laboratory Approval Program

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2012
Issued April 01, 2011

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. PAUL MUCHA
AMERICA SCIENCE TEAM NEW YORK INC
117 EAST 30TH ST
NEW YORK, NY 10016

NY Lab Id No: 11480
EPA Lab Code: NY01378

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards for the category ENVIRONMENTAL ANALYSES POTABLE WATER
All approved analytes are listed below:

Drinking Water Miscellaneous

Asbestos	EPA 100.1
	EPA 100.2

Serial No.: 44321

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

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AMERICA SCIENCE TEAM NEW YORK INC
117 EAST 30TH ST
NEW YORK, NY 10016

NY Lab Id No: 11480
EPA Lab Code: NY01378

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Miscellaneous

Asbestos in Friable Material	EPA 600/M4/82/020
	Item 198.1 of Manual
Asbestos in Non-Friable Material-PLM	Item 198.6 of Manual (NOB by PLM)
Asbestos in Non-Friable Material-TEM	ITEM 198.4 OF MANUAL

Serial No.: 44322

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117 EAST 30TH ST
NEW YORK, NY 10016

NY Lab Id No: 11480
EPA Lab Code: NY01378

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved subcategories and/or analytes are listed below:

Miscellaneous Air

Asbestos	40 CFR 763 APX A No. III
	NIOSH 7402
	YAMATE,AGARWAL GIBB
Fibers	NIOSH 7400 A RULES

Serial No.: 44323

STATE OF NEW YORK - DEPARTMENT OF LABOR

LOUIS N JOHNSON III
CLASS(EXPIRES)
C ATEC(06/12) D INSP(06/12)
H PM (06/12)

MUST BE CARRIED ON ASBESTOS PROJECTS

EYES BLU
HAIR BLN
HGT 5' 10"

IF FOUND RETURN TO:
NYSDOL - L&C UNIT
ROOM 161A BUILDING 12
STATE OFFICE CAMPUS
ALBANY NY 12240

OSHA 001807147

U.S. Department of Labor
Occupational Safety and Health Administration

Louis Johnson III

has successfully completed a 10-hour Occupational Safety and Health Training Course in

Construction Safety & Health

(Trainer) 06/10/08 (Date)

OSHA recommends Outreach Training courses as an orientation to occupational safety and health for workers. Participation is voluntary. Workers must receive additional training on specific hazards of their job. This course completion card does not expire.

For further information see our web site at www.osha.gov/outreach.html

STATE OF NEW YORK - DEPARTMENT OF LABOR

ASBESTOS CERTIFICATE

RYAN M GRIFFIN
CLASS(EXPIRES)
CAT:EC(01/12) D:INSP(01/12)
I:PM (01/12)

CERT# 09-10310
DMV# 106393441

MUST BE CARRIED ON ASBESTOS PROJECTS

EYES GRN
HAIR BRO
HGT 5' 08"

IF FOUND RETURN TO:
NYSDOL - L&C UNIT
ROOM 161A BUILDING 12
STATE OFFICE CAMPUS
ALBANY NY 12240

OSHA 002246637

U.S. Department of Labor
Occupational Safety and Health Administration

Ryan Griffin

has successfully completed a 10-hour Occupational Safety and Health Training Course in

Construction Safety & Health

Dave Vest 6/10/2009

(Trainer) (Date)

SHA recommends Outreach Training courses as an orientation to occupational safety
d health for workers. Participation is voluntary. Workers must receive additional
aining on specific hazards of their job. This course completion card does not expire.

r further information go to "Training" at www.osha.gov