



# PARADIGM

ENVIRONMENTAL SERVICES, INC.

[WWW.PARADIGMENV.COM](http://WWW.PARADIGMENV.COM)

179 Lake Avenue, Rochester, NY 14608 PHONE: 585-647-2530 TOLL FREE: 800-724-1997 FAX: 585-647-3311

October 18, 2010

Mr. Martin Piecuch  
Empire State Development Corp  
400 Andrews Street  
Rochester, NY 14604

Re: Midtown Plaza Asbestos Abatement

Dear Mr. Piecuch:

This cover letter serves as a formal introduction to the Project and Air Monitoring records for the Midtown Plaza Tower Phase II work areas at the above referenced project site. All detailed records are attached, grouped and tabulated by major record type. These include: *survey and confirmed removal quantities, applicable variances, daily air logs, daily air sampling reports, miscellaneous bulk sample reports, daily project monitoring logs, maps of sampling locations, and field and lab certifications.* Abatement contractor certifications and signed off work plans are incorporated by reference only. These documents are found in the *containment logs, maintained by LIRO Engineers.*

Asbestos removal quantities and material types were monitored during abatement for comparison to the original survey information. A table showing verified quantities and types versus original is provided below.

<u>Work Area</u>	<u>Material Type</u>	<u>Verified Removal Quantities</u> <u>(Phase II Only)</u>
18 <sup>th</sup> Floor	Spray-on Fireproofing	218 Square Feet
19 <sup>th</sup> Floor	Spray-on Fireproofing	210 Square Feet

If you have any questions regarding this letter, or the attached documents, please let me know.

Sincerely,

A handwritten signature in black ink, appearing to read "Bruce Hoogsteger", is written over a horizontal line.

Bruce Hoogsteger  
Paradigm Environmental Services, Inc.  
CC: Paul Mahoney, Envoy Environmental Consultants, Inc.



Notifications & Quantities  
Cover Summary



## Asbestos Project Notification

<b>Project Reference Number:</b> 25806486	<b>Type:</b> Initial Notification
<b>Status:</b> Notification Received	<b>Notification Received:</b> 9/3/2010
<b>Payment Status:</b> Unpaid	<b>Number of amendments:</b> 0
<b>Notification Entered By:</b> Ka&S Construcion, Llc	

### Contractor Information

FEIN:161610077

#### KA&S Construction, LLC

#### Mailing Address

Suite 350

803 West Avenue

Rochester NY 14611

Asbestos License Number: 29448

#### Duly Authorized Representative

Kevin A Smith, Officer

Phone Number: 585-663-4590

E-mail Address: ksmith6@frontiernet.net

### Project Information

Project Start Date: 9/13/2010

Project End Date: 9/13/2011

Project Location County: Monroe

### Worker Compensation

Worker Compensation Policy#:

WC Exemption Certificate#:

Number of your employees you expect to be on project:

Will temporary workers be used?

If yes, name of temporary agency:

### Project Location

Building Name: Midtown Plaza

Room or Location: Penthouse

Bridge ID#:

Address Line 1: 100 East Broad Street

Address Line 2:

City Town or Village: Rochester

State: New York

Zip Code: 14602



**Building Information**

Current Use: Vacant  
Prior Use: Retail  
Approximate Year Built: 1962  
Size(sq.ft): 350000  
Is this fee exempt project?: NO  
Reason:

**Building Representative/Site Contact**

Name: Marty Piecuch  
Phone Number: 585-325-1944  
E-mail Address:  
Cell Phone Number:

**Phase Details**

Phase #	Phase Start Date	Phase End Date	Phase Location	Phase Scope
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**Sub-Contractor Details**

Name: Asbestos License Number:

**Night/Weekend/Shift Work Details**

Regular 7:00am-3:30pm Monday thru Friday, Maybe some weekend days 7:00am-3:30pm

**Party for Whom Work is being Performed**

First Name:		Last Name:	
Organization:	CEM, Inc.	Address Line 1:	1815 Love Road
Apt./Suite:		City Town or Village:	Grand Island
Address Line 2:		State:	NY
Province:		Country:	United States
Zip Code:	14072		
Contract Dollar Amount:	\$39,000.00		

**Variance Information****Procedures and Type of Equipment and Ventilation Systems Used**

Negative Air Machines, 3M Respirators, HEPA Vacuums, Water filtration Unit, Wet Methods

**Air Monitoring Firm**

Name: Asbestos License Number:  
Envoy Environmental Consultants, Inc. 28454

**Laboratory Performing Analysis**

Name: ELAP Registration Number:  
Paradigm Environmental 10958

**Type of Asbestos Work**

Pipe Related:	No	Siding:	No
Clean up:	No	Vessel covering:	No
Caulking/mastic:	No	Spray-on insulation:	Yes
Roofing/flashing:	No	VAT:	No
Demolition:	No	Demolition Ref#:	
Other-specify:			

**Waste Transporter**

Name: Empire Wrecking  
NYS DEC or EPA Permit Number: 8A-911  
Phone Number: 315-524-4099  
Apt./Suite:  
Address Line 1: PO Box 197  
Address Line 2:  
City Town or Village: Webster  
Province:  
State: NY  
Zip Code: 14580  
Country: United States

**Landfill**

Name: Ontario County Landfill  
Phone Number: 585-396-4400  
Apt./Suite:  
Address Line 1: 3019 County Complex Drive  
Address Line 2:  
City Town or Village: Canandigua  
Province:  
State: NY  
Zip Code: 14424  
Country: United States

**Type and Amount of Asbestos Containing Material**

Friable linear feet:	0	Friable square feet:	800
Non-friable linear feet:	0	Non-friable square feet:	0

**Fee**

Total linear feet: 0.0  
Total square feet: 800.0  
Total Fee: 1000.0

**Project Fee Schedule**

If the notification was submitted prior to 4/7/09, the actual project fee is one half of the amount shown on the fee schedule

Linear Feet:	Fee	Square Feet:	Fee
0 - 259 feet:	\$0	0 - 159 feet:	\$0
260 - 429 feet:	\$200	160 - 259 feet:	\$200
430 - 824 feet:	\$400	260 - 499 feet:	\$400
825 - 1649 feet:	\$1000	500 - 999 feet:	\$1000
1650 or more feet:	\$2000	1000 or more feet:	\$2000

**Remarks**



## **NYSDOL Code Rule 56**

**-No Variance-**



Air Logs, PM Logs  
Maps & FVI

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## Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒  
Air Technician: ☒ MINER, JARED

Date: 9-10-10

Job Ticket #: 42226

Building / Location: TOWER

Work Area: 18<sup>TH</sup> FLOOR

Shift (A) B C

Project Description

ESDC

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Mark S.  
Client Contact (Print Name)

KA+S

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☐ No ☒

10  
Rotometer Number

5-26-10  
Date of Last Calibration

Map Completed

Phase IB ☒

Phase IIA ☐

Phase IIB ☐

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☒

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check 1100

2nd Check 1215

3rd Check 1335

4th Check

5th Check

Time of air sampling pump check

Notes

CAL/SET UP AT 1100 - ALL AT 4 LPM

CHECKED PUMPS AT 1215 - ALL OKAY

RE-CAL/BROKE DOWN AT 1335 - ALL STILL AT 4 LPM

SAMPLES TO THE LAB

Air Technician Signature

The Air Monitoring Log Book is a multi-page document which must be viewed in its entirety.





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## Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 12147-10
Job Ticket # 42226 No 50 ticket required SC 9-12-10
Project # 10-1014

### Empire State Development Corporation

Client Mann Tower	Work Area 18 <sup>th</sup> Floor
Building/Location KA+S	Contractor Contact Beyan W.
Contractor 10	Cassette Lot #
Rotometer #	

Client Contact Mark S.	Client Contact Phone
Air Technician J. Miner	Air Technician Phone
Fax Results To:	Fax #
Materials to be Removed	

Project Phase ☒ Phase IB ☐ Phase IIA ☐ Phase IIB ☐ Phase IIC ☐ Phase IIC ☐ Env. ☐

Background Work Area Preparation Asbestos Handling Final Cleaning Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	I-1	I-2	I-3	I-4	I-5	O-6	O-7	O-8	O-9	O-10	B-1	B-2
Pre-Calibrated Flow Rate	4	4	4	4	4	4	4	4	4	4		
Post-Calibrated Flow Rate	4	4	4	4	4	4	4	4	4	4		
Average Flow Rate	4	4	4	4	4	4	4	4	4	4		
Start Time Military Time	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109		
End Time Military Time	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344		
Duration (Minutes)	155											
Sample Volume (Liters)	620											

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ Buf ELAP ID # 11955 ☐ Roch ELAP ID # 10958

Lab Sample #	82	811	812	813	814	815	816	817	818	819	820	821	822
Fibers/100 Fields:	0.5	1.5	0.5	2	0	2	1.5	2.5	1	2	0	0	
Fibers/cc:	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	NIA	NIA

Sampled by:	Date: 9/10/10
Relinquished by: J. Miner	Date: 9/10/10
Received in Lab By: SC	Date: 9-12-10
Analyzed By: SC	Date: 9-12-10
Microscope Make, Model & #: 235757	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments:

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician



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## Air Sampling Log Book

10-1014

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ Miner, Charrod

Date: 9/15/10

Job Ticket #: 42229

Building / Location: Tower

Work Area: 18<sup>TH</sup> Floor

Shift (A) B C

Project Description

ESDC

Mark S.

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

KA+S

FRANK SMITH

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☐ No ☒

18

5-26-10

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☒

Phase IIB ☐

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☒

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

F.P.

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check 0700

2nd Check

3rd Check

4th Check

5th Check 1515

Time of air sampling pump check

Notes

On site at 0700.

Packed up samples at 0710 - All at 3 LPM

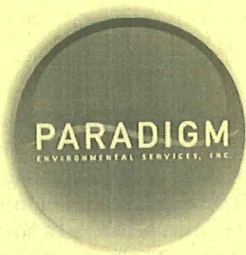
Checked pumps throughout the day - All okay

Re-calibrated pump at 1515 - All still at 3 LPM

Samples to the lab

Air Technician Signature

The Air Monitoring Log Book is a multi-page document which must be viewed in its entirety.



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## Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 12466-10
Job Ticket # 42229
Project # 10-1014

Empire State Development Corporation

Client

Building/Location

Contractor

Rotometer #

Work Area

Contractor Contact

Cassette Lot #

Client Contact

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Materials to be Removed

Project  
Phase

Phase IB ☐

Phase IIA ☒

Phase IIB ☐

Phase IIC ☐

Phase IIC ☐

Env. ☐

Background

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	0-6	0-7	0-8	0-9	0-10	11-1	11-2				
Pre-Calibrated Flow Rate	3	3	3	3	3						
Post-Calibrated Flow Rate	3	3	3	3	3						
Average Flow Rate	3	3	3	3	3						
Start Time Military Time	0710	0711	0712	0713	0714						
End Time Military Time	1515	1516	1517	1518	1519						
Duration (Minutes)	485	485	485	485	485						
Sample Volume (Liters)	1455	1455	1455	1455	1455						

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ Buf ELAP ID # 11955 ☒ Roch ELAP ID # 10958

Lab Sample #	83	367	368	369	370	371	372	373				
Fibers/100 Fields:	2	3.5	4	1	1.5		0	0				
Fibers/cc:	L0-01	L0-01	L0-01	L0-01	L0-01							

Sampled by:	Date:
Relinquished by: J. Miner	Date: 9/15/10
Received in Lab By: B. Heathenington	Date: 9/20/10
Analyzed By: [Signature]	Date: 9-20-10
Microscope Make, Model & #: 370648T	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments:

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician



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## Air Sampling Log Book

16-1014

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒

Air Technician: ☒

Date:

9/16/10

Job Ticket #:

42230

Building / Location:

Tower

Work Area:

18<sup>TH</sup> Floor

Shift

A

B

C

Project Description

ESDC

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

Mark S.

KAIS

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

FRANK SMITH

Yes ☐ No ☒

Map Completed

Rotometer Number

Date of Last Calibration

10

5-26-10

Phase IB ☐

Phase IIA ☒

Phase IIB ☐

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☒

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check

0710

2nd Check

3rd Check

1245

4th Check

5th Check

1520

Time of air sampling pump check

Notes

On site at 0700

Cal/set up samples at 0710 - All at 3 LPM

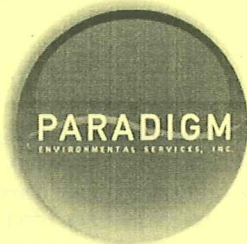
checked pumps at 1245 - All OK

Re-cal/broke down at 1520 - All still at 3 LPM

SAMPLES TO THE LAB

Air Technician Signature

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## Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 12467-10
Job Ticket # 42230
Project # 10-1014

### Empire State Development Corporation

Client

Building/Location

Contractor

Rotometer #

Cassette Lot #

Client Contact

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☒

Phase IIB ☐

Phase IIC ☐

Phase IIC ☐

Env. ☐

Background

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	0-6	0-7	0-8	0-9	0-10		8-1	8-2				
Pre-Calibrated Flow Rate	3	3	3	3	3							
Post-Calibrated Flow Rate	3	3	3	3	3							
Average Flow Rate	3	3	3	3	3							
Start Time Military Time	0710	0711	0712	0713	0714							
End Time Military Time	1520	1521	1522	1523	1524							
Duration (Minutes)	490	490	490	490	490							
Sample Volume (Liters)	1470	1470	1470	1470	1470							

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ Buf ELAP ID # 11955 ☒ Roch ELAP ID # 10958

Lab Sample #	83	374	375	376	377	378		379	380			
Fibers/100 Fields:	4	65	7	35	4			0	0			
Fibers/cc:	4001	4001	4001	4001	4001							

Sampled by:	Date: 9/16/10
Relinquished by: J. Miner	Date: 9/16/10
Received in Lab By: B. Heathenorton	Date: 9/20/10
Analyzed By: [Signature]	Date: 9-20-10
Microscope Make, Model & #: 3MUB485	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments:

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician



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## Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ Air Technician: ☒ MINEER, James Date: 9/17/10 Job Ticket #: 39974

Building / Location: TOWER Work Area: 18<sup>TH</sup> FLOOR Shift: (A) B C

Project Description

ESDC Client / Owner (Print Name) Mark S. Client / Owner Representative (Print Name) Client Contact (Print Name)

KATS Abatement Contractor (Print Name) FRANK S. Abatement Supervisor (Print Name) NYSDOL Asbestos Handling Certificate Number

Yes ☐ No ☒ Map Completed Rotometer Number 10 Date of Last Calibration 5-26-10

Phase IB <input type="checkbox"/>	Phase IIA <input checked="" type="checkbox"/>	Phase IIB <input type="checkbox"/>	Phase IIC <input type="checkbox"/>	Phase IIC <input type="checkbox"/>
Project Phase Backgrounds	Work Preparation samples	Asbestos Handling Samples	Final Cleaning Samples	Clearance Air Samples
Class I <input checked="" type="checkbox"/>	Class II <input type="checkbox"/>	Large <input checked="" type="checkbox"/>	Small <input type="checkbox"/>	Minor <input type="checkbox"/>

Job Type F.P. Sq/ft Ln/ft Project with multiple removals ☐

Type of Material 1st Check 0710 2nd Check 3rd Check 4th Check 5th Check 1520

Time of air sampling pump check Notes

ON SITE AT 0700

CAL/SET UP AT 0710 - ALL AT 3 LPM

CHECKED PUMPS THROUGHOUT THE DAY - ALL OKAY

RE-CAL/BROKE DOWN AT 1520 - ALL STILL AT 3 LPM

SAMPLES TO THE LAB

Air Technician Signature James M.

The Air Monitoring Log Book is a multi-page document which must be viewed in its entirety.



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## Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

12509-10

Job Ticket #

39974

Project #

10-1014

### Empire State Development Corporation

Client

TOWER

Building/Location

KA-5

Contractor

10

Rotometer #

18<sup>TH</sup> FLOOR

Work Area

FRANK S.

Contractor Contact

Cassette Lot #

Client Contact

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☒

Phase IIB ☐

Phase IIC ☐

Phase IIC ☐

Env. ☐

Background

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	0-6	0-7	0-8	0-9	0-10		B-1	B-2				
Pre-Calibrated Flow Rate	3	3	3	3	3							
Post-Calibrated Flow Rate	3	3	3	3	3							
Average Flow Rate	3	3	3	3	3							
Start Time Military Time	0710	0711	0712	0713	0714							
End Time Military Time	1520	1521	1522	1523	1524							
Duration (Minutes)	490	490	490	490	490							
Sample Volume (Liters)	1470	1470	1470	1470	1470							

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ Buf ELAP ID # 11955 ☒ Roch ELAP ID # 10958

Lab Sample #	1468	1454	1455	1456	1457		1458	1459				
Fibers/100 Fields:	3	2.5	4	3.5	5		0	0				
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01							

Sampled by:	Date:
Relinquished by: J. Miner	Date: 9/17/10
Received in Lab By: [Signature]	Date: 9/21/10
Analyzed By: [Signature]	Date: 9-21-10
Microscope Make, Model & #: 8406485	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments:

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician



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environmental consultants, inc.

## Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒

Air Technician: ☒

Date:

9/20/10

Job Ticket #:

42232

Building / Location:

LOWER

Work Area:

10TH FLOOR

Shift

A

B

C

Project Description

ESDC

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

KATS

FRANK S.

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☐ No ☒

10

5-26-10

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☒

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

F.R.

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check

0710

2nd Check

3rd Check

4th Check

5th Check

1520

Time of air sampling pump check

Notes

ON SITE AT 0700

CAL/SET UP SAMPLES AT 0710 - ALL AT 3 LPM

CHECKED PUMPS THROUGHOUT THE DAY - ALL OKAY

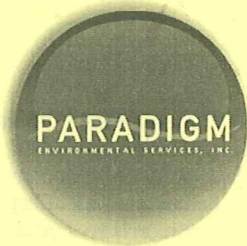
RE-CAL/BROKE DOWN AT 1520 - ALL STILL AT 3 LPM

SAMPLES TO THE LAB

Air Technician Signature

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01-20-10



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## Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # <b>12552-10</b>
Job Ticket # <b>42232</b>
Project # <b>10-1014</b>

Client <b>ESDC</b>	
Building/Location <b>Towle</b>	Work Area <b>10<sup>TH</sup> FLOOR</b>
Contractor <b>KAT-S</b>	Contractor Contact
Rotometer # <b>10</b>	Cassette Lot #

Client Contact <b>Mark S.</b>	Client Contact Phone
Air Technician <b>J. Miner</b>	Air Technician Phone
Fax Results To:	Fax #
Materials to be Removed	

Project Phase ☒ Phase IB ☐ Phase IIA ☐ Phase IIB ☒ Phase IIC ☐ Phase IIC ☐ Env. ☐

Background Work Area Preparation Asbestos Handling Final Cleaning Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	0-6	0-7	0-8	0-9	0-10	0-11		B-1	B-2			
Pre-Calibrated Flow Rate	3	3	3	3	3	3						
Post-Calibrated Flow Rate	3	3	3	3	3	3						
Average Flow Rate	3	3	3	3	3	3						
Start Time Military Time	0710	0711	0712	0713	0714	0715						
End Time Military Time	1520	1521	1522	1523	1524	1525						
Duration (Minutes)	490	490	490	490	490	490						
Sample Volume (Liters)	1470	1470	1470	1470	1470	1470						

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ Buf ELAP ID # 11955 ☒ Roch ELAP ID # 10958

Lab Sample #	877	878	879	880	881	882		883	884			
Fibers/100 Fields:	4.5	12	7.5	10	3.5	5		0	0			
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01						

Sampled by:	Date: <b>9/20/10</b>
Relinquished by: <b>J. Miner</b>	Date: <b>9/20/10</b>
Received in Lab By: <b>B. Heathington</b>	Date: <b>9/22/10</b>
Analyzed By:	Date: <b>9-22-10</b>
Microscope Make, Model & #: <b>8H06485</b>	Turn-around Time <b>Immed. 24 Hr. 48 Hr.</b>

Comments:

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician



# ENVOY

environmental consultants, inc.

## Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ Miner, Jarrod

Date: 9-21-10

Job Ticket #: 42365

Building / Location: Tower

Work Area: 18<sup>TH</sup> Floor

Shift (A) B C

Project Description

ESDC

Mark S.

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

KA+S

Frank S.

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☐ No ☒

10

5-26-10

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☒

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

F.P.

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check 0710

2nd Check

3rd Check

4th Check

5th Check 1520

Time of air sampling pump check

Notes

ON SITE AT 0700.

CAL/SET UP SAMPLES AT 0710 - All AT 3 LPM

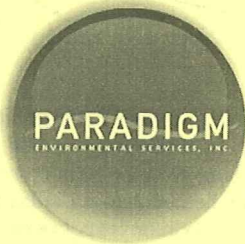
CHECKED PUMPS THROUGHOUT THE DAY - All OKAY

RE-CAL/BROKE DOWN AT 1520 - All still AT 3 LPM

SAMPLES TO THE LAB

Air Technician Signature

The Air Monitoring Log Book is a multi-page document which must be viewed in its entirety.



# PARADIGM

ENVIRONMENTAL SERVICES, INC.

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1815 Love Road, Grand Island, NY 14072 Office (716) 775-5777 Fax (716) 775-5778

## Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 10532-10
Job Ticket # 42365
Project # 10-1014

12532-10

Client ESPC Tower	Work Area 18 <sup>TH</sup> Floor
Building/Location KAIS	Contractor Contact
Contractor 10	Cassette Lot #
Rotometer #	

Client Contact MARK S.	Client Contact Phone
Air Technician J. Miner	Air Technician Phone
Fax Results To:	Fax #
Materials to be Removed	

Project Phase ☐ Phase IB ☐ Phase IIA ☐ Phase IIB ☒ Phase IIC ☐ Phase IIC ☐ Env. ☐

Background Work Area Preparation Asbestos Handling Final Cleaning Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	0-6	0-7	0-8	0-9	0-10	0-11		B-1	B-2			
Pre-Calibrated Flow Rate	3	3	3	3	3	3						
Post-Calibrated Flow Rate	3	3	3	3	3	3						
Average Flow Rate	3	3	3	3	3	3						
Start Time Military Time	0710	0711	0712	0713	0714	0715						
End Time Military Time	1520	1521	1522	1523	1524	1525						
Duration (Minutes)	490	490	490	490	490	490						
Sample Volume (Liters)	1470	1470	1470	1470	1470	1470						

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ Buf ELAP ID # 11955 ☐ Roch ELAP ID # 10958

Lab Sample #	84	740	741	742	743	744	745		746	747		
Fibers/100 Fields:	4	5	2.5	4	2	3			0	0		
Fibers/cc:	2.01	2.01	2.01	2.01	2.01	2.01			NIA	NIA		

Sampled by:	Date:
Relinquished by: J. Miner	Date: 9/21/10
Received in Lab By: [Signature]	Date: 9/21/10
Analyzed By: [Signature]	Date: 9-21-10
Microscope Make, Model & #: 235757	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments:

# ENVOY

environmental consultants, inc.

## Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ MINER, JARROD  
Air Technician: ☒

Date: 9/22/10

Job Ticket #: 42366

Shift (A) B C

Building / Location: TOWER

Work Area: 18TH FLOOR

Project Description

FSDC

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Mark S.  
Client Contact (Print Name)

KATS

Abatement Contractor (Print Name)

FRANK S.  
Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☐ No ☒

10  
Rotometer Number

5-26-10  
Date of Last Calibration

Map Completed

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☒

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☒

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check 0710  
Time of air sampling pump check

2nd Check

3rd Check

4th Check

5th Check 1520

Notes

ON SITE AT 0700

CAL/SET UP AT 0710 - ALL AT 3 LPM

CHECKED PUMPS THROUGHOUT THE DAY - ALL OKAY

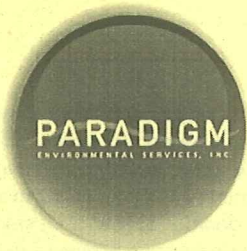
RE-CAL/BROKE DOWN AT 1520 - ALL STILL AT 3 LPM

SAMPLES TO THE LAB

Air Technician Signature

The Air Monitoring Log Book is a multi-page document which must be viewed in its entirety.





# PARADIGM

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## Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 111510
Job Ticket # 42366
Project # 10-1014

### Empire State Development Corporation

Client Tower	Work Area 18TH Floor
Building/Location KA+S	Contractor Contact Bryan Warren
Contractor 10	Cassette Lot #

Client Contact Mark S.	Client Contact Phone
Air Technician J. Miner	Air Technician Phone
Fax Results To:	Fax #
Materials to be Removed	

Project Phase ☒ Phase IB ☐ Phase IIA ☐ Phase IIB ☐ Phase IIC ☒ Phase IIC ☐ Env. ☐

Background Work Area Preparation Asbestos Handling Final Cleaning Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	0-6	0-7	0-8	0-9	0-10	0-11		B-1	B-2			
Pre-Calibrated Flow Rate	3	3	3	3	3	3						
Post-Calibrated Flow Rate	3	3	3	3	3	3						
Average Flow Rate	3	3	3	3	3	3						
Start Time Military Time	0710	0711	0712	0713	0714	0715						
End Time Military Time	1520	1521	1522	1523	1524	1525						
Duration (Minutes)	490	490	490	490	490	490						
Sample Volume (Liters)	1470	1470	1470	1470	1470	1470						

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ Buf ELAP ID # 11955 ☐ Roch ELAP ID # 10958

Lab Sample #	1	2	3	4	5	6		7	8			
Fibers/100 Fields:	2	4	6	7	5	1		0	0			
Fibers/cc:	20,002	20,002	20,002	20,002	20,002	20,002						

Sampled by:	Date:
Relinquished by: J. Miner	Date: 9/22/10
Received in Lab By: M. Smith	Date: 9/23/10
Analyzed By: M. Smith	Date: 9/23/10
Microscope Make, Model & #: OLY CH2	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments:

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

# ENVOY

environmental consultants, inc.

## Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ MINER, JACOB

Date: 9-23-10

Job Ticket #: 42367

Building / Location: Tower

Work Area: 18<sup>TH</sup> Floor

Shift (A) B C

Project Description

ESDC

Client / Owner Representative (Print Name)

Mark S.

KATS

Frank S.

NYSDOL Asbestos Handling Certificate Number

Yes ☐ No ☒

Map Completed

Rotometer Number 10

Date of Last Calibration 5-26-10

Project Phase	Phase IB <input type="checkbox"/>	Phase IIA <input type="checkbox"/>	Phase IIB <input type="checkbox"/>	Phase IIC <input checked="" type="checkbox"/>	Phase IIC <input type="checkbox"/>
	Backgrounds	Work Preparation samples	Asbestos Handling Samples	Final Cleaning Samples	Clearance Air Samples
	Class I <input checked="" type="checkbox"/>	Class II <input type="checkbox"/>	Large <input checked="" type="checkbox"/>	Small <input type="checkbox"/>	Minor <input type="checkbox"/>

Job Type

F.P.

Sq/ft Ln/ft

Project with multiple removals ☐

1st Check 0710 2nd Check 3rd Check 4th Check 5th Check 1520

Time of air sampling pump check

Notes

On site at 0700

Cal/set up samples at 0710 - All at 3 LPM

Checked pumps throughout the day - All okay

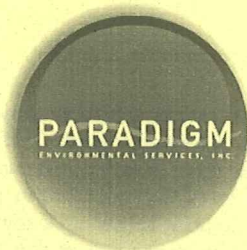
Re-cal/broke down at 1520 - All still at 3 LPM

Samples to the lab

Air Technician Signature

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## Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

114210  
Lab Job #  
12616-10  
Job Ticket #  
42367  
Project #  
10-1014

### Empire State Development Corporation

Client  
Tower  
Building/Location  
18th Floor  
Contractor  
KATS  
Contractor Contact  
Bryan Warren  
Rotometer #  
10  
Cassette Lot #

Mark S.  
Client Contact  
S. Miner  
Air Technician  
Fax Results To:  
Fax #  
Materials to be Removed

Project Phase  
Phase IB ☐ Phase IIA ☐ Phase IIB ☐ Phase IIC ☒ Phase IIC ☐ Env. ☐  
Background Work Area Preparation Asbestos Handling Final Cleaning Clearance Air

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	0-6	0-7	0-8	0-9	0-10	0-11		B-1	B-2			
Pre-Calibrated Flow Rate	3	3	3	3	3	3						
Post-Calibrated Flow Rate	3	3	3	3	3	3						
Average Flow Rate	3	3	3	3	3	3						
Start Time Military Time	0710	0711	0712	0713	0714	0715						
End Time Military Time	1500	1501	1502	1503	1504	1505						
Duration (Minutes)	470	470	470	470	470	470						
Sample Volume (Liters)	1410	1410	1410	1410	1410	1410						

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ Buf ELAP ID # 11955 ☐ Roch ELAP ID # 10958

Lab Sample #	85	334	335	336	337	338	339		340	341		
Fibers/100 Fields:	11	7	5	3	4	2			0	0		
Fibers/cc:	0.004	0.002	0.002	0.002	0.002	0.002						

Sampled by: J. Miner Date: 9/23/10  
Relinquished by: J. Miner Date: 9/23/10  
Received in Lab By: M. Smith Date: 9/23/10  
Analyzed By: M. Smith Date: 9/28/10  
Microscope Make, Model & #: OLY CH2 Turn-around Time Immed. 24 Hr. 48 Hr.

Comments:

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

# ENVOY

environmental consultants, inc.

## Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ MINER, JARROD  
Air Technician: ☒

Date: 9-24-10

Job Ticket #: 42368

Building / Location: Tower

Work Area: 18th Floor

Shift (A) B C

Project Description

ESDC

MARK S.

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

KATS

FRANK S.

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☐ No ☒

10

5-26-10

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☐

Phase IIC ☒

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☒

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

F.P.

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check 0620

2nd Check

3rd Check 0745

4th Check

5th Check 0855

Time of air sampling pump check

Notes

ON SITE AT 0500

FVI FROM 0510 - 0540. FVI PASSED.

Ran Aggressive Airs from 0545 - 0615 - AND SET UP BOX FANS.

CAL/SET UP SAMPLES AT 0620. All AT 4 LPM

CHECKED PUMPS AT 0745 - All OKAY

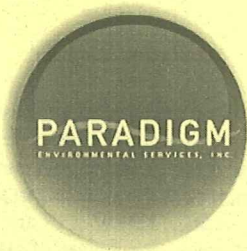
RE-CAL/BROKE DOWN AT 0855 - All STILL AT 4 LPM

SAMPLES TO THE LAB

Air Technician Signature

The Air Monitoring Log Book is a multi-page document which must be viewed in its entirety.





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## Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # <b>12634-10</b>
Job Ticket # <b>42368</b>
Project # <b>10-1014</b>

### Empire State Development Corporation

Client <b>TOWER</b>	Work Area <b>18<sup>th</sup> Floor</b>
Building/Location <b>KAIS</b>	Contractor Contact <b>Bryan Warren</b>
Contractor <b>10</b>	Cassette Lot #
Rotometer #	

Client Contact <b>Mark S</b>	Client Contact Phone
Air Technician <b>J. Miner</b>	Air Technician Phone
Fax Results To:	Fax #
Materials to be Removed	

Project Phase ☒ **Phase IB** ☐ **Phase IIA** ☐ **Phase IIB** ☐ **Phase IIC** ☐ **Phase IIC** ☒ **Env.** ☐

Background Work Area Preparation Asbestos Handling Final Cleaning Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	I-1	I-2	I-3	I-4	I-5	O-6	O-7	O-8	O-9	O-10	B-1	B-2
Pre-Calibrated Flow Rate	4	4	4	4	4	4	4	4	4	4		
Post-Calibrated Flow Rate	4	4	4	4	4	4	4	4	4	4		
Average Flow Rate	4	4	4	4	4	4	4	4	4	4		
Start Time Military Time	0620	0621	0622	0623	0624	0625	0626	0627	0628	0629		
End Time Military Time	0855	0856	0857	0858	0859	0900	0901	0902	0903	0904		
Duration (Minutes)	155	155	155	155	155	155	155	155	155	155		
Sample Volume (Liters)	620	620	620	620	620	620	620	620	620	620		

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ Buf ELAP ID # 11955 ☒ Roch ELAP ID # 10958

Lab Sample #	85410	41	42	43	44	45	46	47	48	49	50	51
Fibers/100 Fields:	2	1	2.5	3	1	1	4	1.5	1	0.5	0.0	0.0
Fibers/cc:	60.01	60.01	60.01	60.01	60.01	60.01	60.01	60.01	60.01	60.01	60.01	60.01

Sampled by:	Date:
Relinquished by: <b>J. Miner</b>	Date: <b>9/24/10</b>
Received in Lab By: <b>[Signature]</b>	Date: <b>9-24-10</b>
Analyzed By: <b>[Signature]</b>	Date: <b>9-24-10</b>
Microscope Make, Model & #: <b>81106485</b>	Turn-around Time <b>Immed.</b> 24 Hr. 48 Hr.

Comments:

White - Lab Original

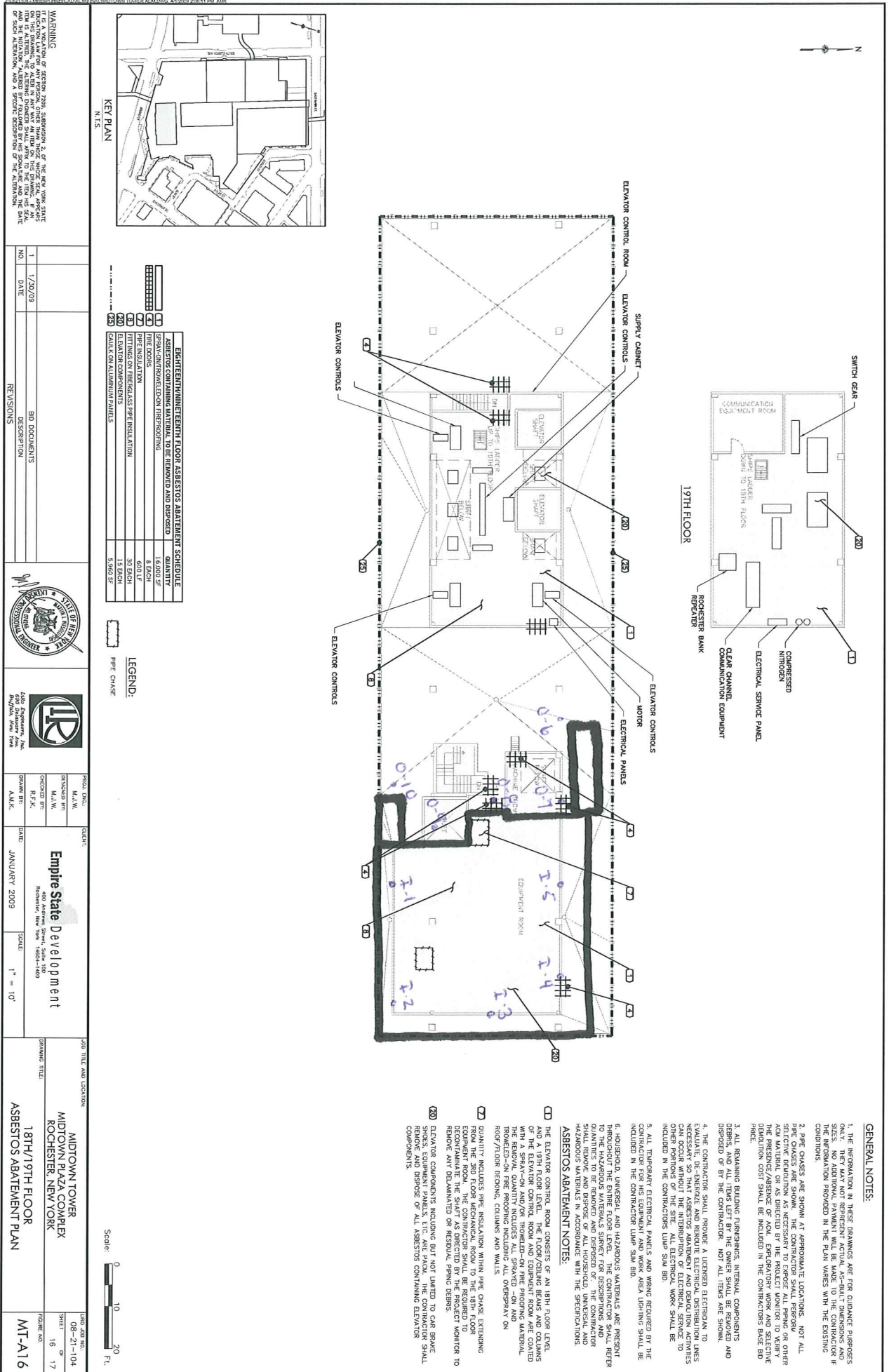
Yellow - Lab Copy

Pink - Project Folder

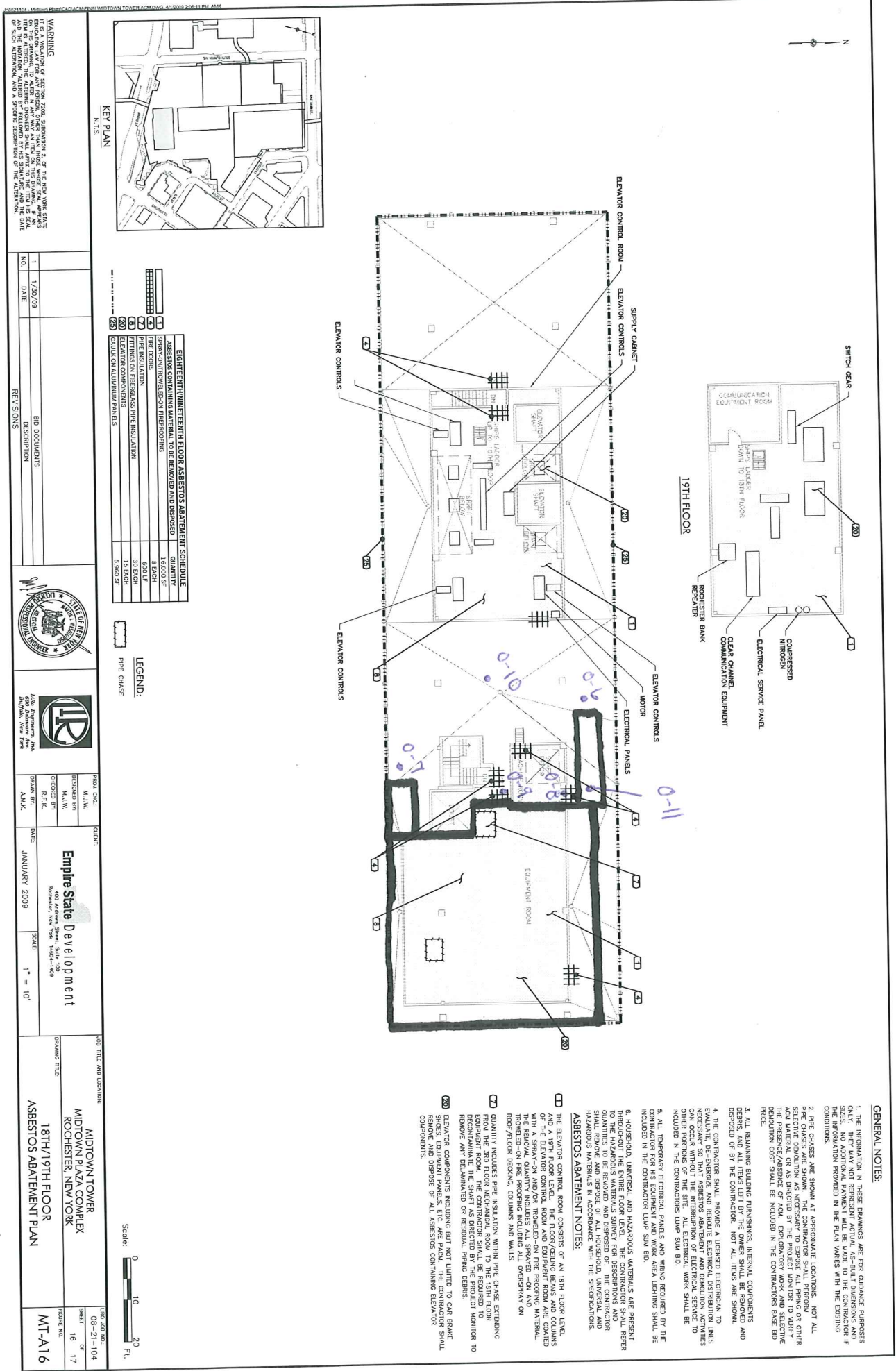
Goldenrod - Technician



18<sup>TH</sup> Floor - 1B (Backgrounds), 11C (Clearance) Samples



18<sup>TH</sup> Floor - 11A, 11B, 11C (CLEAN) SAMPLES





LiRo Engineers, Inc.

## Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Jarrod Miner

DATE: 9/10/10

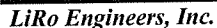
Contract #

Liro Job #:

HOURS: 0700 – 1530

TASK: PM on site.

TIME	<p><i>ACTIVITY – Midtown Mall – work area Garage B</i></p> <p><i>ACTIVITY – Tower – 18<sup>th</sup> &amp; 19<sup>th</sup> Floors</i></p>
<b>0700</b>	Arrived on site.
<b>0730</b>	Went down to Garage B with Mark Depante to see what the work plan is for today. There is another area in Garage B where some 'hot' elbows need to be removed. A couple of workers will continue work down there in order to get those removed by the end of the day.
<b>0830</b>	Spoke with Ted for a little while about all the elbows in Garage B. We came to the conclusion that we are going to combine the 2 minors from yesterday since there is was only a total of 18 elbows, and they are both in the same area.
<b>1000</b>	Went down to Garage A to see what some of the workers were doing. Workers are going to begin tearing down the remote decon as soon as the guys finish up with the last of the elbows. Should be able to do so in about 30 minutes.
<b>1045</b>	Workers have finished removing the elbows in Garage B. I will come in tomorrow at some point and conduct the final visual inspections and clearance airs on the 2 minor areas we have established. Ted called and asked if I could run some backgrounds for the Tower.
<b>1100</b>	Calibrated and set up background samples on the 18 <sup>th</sup> and 19 <sup>th</sup> floors in the Tower. All pumps running at 4 LPM.
<b>1145</b>	Took lunch.
<b>1215</b>	Checked pumps in both areas – all still running properly.
<b>1335</b>	Re-calibrated and broke down background samples on the 18 <sup>th</sup> and 19 <sup>th</sup> floors. All pumps still running at 4 LPM. I will run the samples to the lab at the end of the day.
<b>1430</b>	Went up to my office to complete the paperwork for both of the backgrounds. Also typed up a few days of logs.
<b>1530</b>	Samples to the lab.



**NAME:** Jarrod Miner

**DATE:** 9/14/10

**Contract #**

***Liro Job #:***

**HOURS: 0700 - 1530**

***TASK: PM on site.***

<b>TIME</b>	<b>ACTIVITY – Tower – work areas – 18<sup>th</sup> and 19<sup>th</sup> floors</b>
<b>0700</b>	Arrived on site.
<b>0730</b>	Mark Seeber and I went up to the 18 <sup>th</sup> and 19 <sup>th</sup> floors of the Tower to try and see what material would need to be removed from the area. It looks like there is some exterior spray-on material that was called out and will need to be removed. I will talk with Ted and see if the work plans have gone through so workers can begin their prep work.
<b>0900</b>	Spoke with Darryl, work plan has yet to be approved by Liro thus far. Darryl gave them the okay to build the decon and waste out for the 18 <sup>th</sup> floor containment today, but cannot conduct any work beyond that point. I will check on the workers in a little while to see how they have progressed.
<b>1100</b>	Went up to the 18 <sup>th</sup> Floor of the Tower to see how the decon and waste out were coming along. There are a couple of guys working on each at this point. They should be able to finish both by the end of the day. I'll checkup later to see how things have moved along.
<b>1200</b>	Took lunch.
<b>1300</b>	Spoke with Ted about the plans for tomorrow. He recently spoke Mike Byrnes and they have decided to allow KA&S to do some prep work tomorrow, but they cannot begin any removal in the area until their work plans have gone through.
<b>1400</b>	Went back up to the 18 <sup>th</sup> Floor containment in the Tower to see if the guys are just about complete with the waste out and decon. From the looks of it, the waste out has been completed and they are putting the final touches on the decon. I walked through the decon to make sure everything was up to code – all looks good. Crew will be able to begin prep work in the area tomorrow morning.
<b>1530</b>	Finished up my paperwork and log for the day. Left site.



LiRo Engineers, Inc.

## Midtown Plaza Complex Asbestos Abatement Daily Summary Report

**NAME:** Jarrod Miner

**DATE:** 9/15/10

**Contract #**

**Liro Job #:**

**HOURS:** 0700 - 1530

**TASK:** PM on site.

<b>TIME</b>	<b>ACTIVITY – Tower – work area 18<sup>th</sup> Floor</b>
<b>0700</b>	Arrived on site.
<b>0710</b>	Calibrated and set up IIA – prep samples – for the 18 <sup>th</sup> floor containment. All pumps running at 3 LPM. There are currently 5 workers prepping machinery on the inside of the building. They will continue to conduct prep work throughout the day. Also found the General Foreman, Frank Smith, and introduced myself.
<b>0900</b>	Went up to the 18 <sup>th</sup> Floor containment from 0900 – 1030 to see how the workers have come along with the prep work. Guys are continuing to prep the machinery inside the building so when abatement does begin, nothing on the inside will be contaminated. Also displayed the Envoy License, as well as the background air sample results on the decon. All pumps are still running properly. Will check on the area again after lunch.
<b>1115</b>	Received a phone call from Mark Seeber – the foreman has a few questions about the work area. The three of us headed up to the Tower to discuss the questions at hand. We walked around the 18 <sup>th</sup> and 19 <sup>th</sup> work areas and discussed the plans for the containments. Darryl from Liro also showed up and we went over the work plans with him. I will still check on the area in the afternoon to see how they have moved along with the prep work.
<b>1230</b>	Took lunch.
<b>1400</b>	Went back up to the 18 <sup>th</sup> Floor containment from 1400 – 1500 to see how the workers have made out with the prep work. They have just about finished polying all of the machinery inside the room, and have now started to bring up the plywood for their hard walls around the containment. Everything is moving along pretty steadily; they should have a few more days of prep work before any removal will begin.
<b>1515</b>	Re-calibrated and broke down prep samples for the 18 <sup>th</sup> floor containment. All pumps still running at 3 LPM. Workers will continue to prep the work area tomorrow.
<b>1530</b>	Samples to the lab.





## Midtown Plaza Complex Asbestos Abatement Daily Summary Report

**NAME:** Jarrod Miner

**DATE:** 9/16/10

**Contract #**

**Liro Job #:**

**HOURS:** 0700 - 1530

**TASK:** PM on site.

<b>TIME</b>	<b>ACTIVITY – Tower – work area 18<sup>th</sup> Floor</b>
<b>0700</b>	Arrived on site.
<b>0710</b>	Calibrated and set up phase IIA – prep samples for the 18 <sup>th</sup> floor containment. All pumps running at 3 LPM. Workers are going to continue prep work today. Workers were continuing to bring up plywood this morning in order to start building the hard walls around the containment.
<b>0900</b>	Went up to the 18 <sup>th</sup> floor containment from 0900 – 1040 to see how prep work has continued. Workers are beginning to put up the exterior hard walls at the moment. The weather today is very rainy and cold so the process is taking longer than they had hoped. I went over the plans with the supervisor just to make sure we were on the same page. Their plan is to put hard walls around the exterior of the building, then run plywood diagonally up to the roof where they have small pieces of wood to keep the plywood ceiling off the roof. I will check on their progress this afternoon.
<b>1120</b>	Typed up some logs I need to make up for a little while.
<b>1215</b>	Took lunch.
<b>1330</b>	Went back up to the 18 <sup>th</sup> floor containment from 1330 – 1500 to see how they have come along with the hard walls. All the hard walls and ceiling have been put up at this point. They intend to start polying the walls beginning tomorrow morning, as well as get their negative air established. Everything is moving along pretty well, and I see no issues with any procedures at this point.
<b>1520</b>	Re-calibrated and broke down samples in the 18 <sup>th</sup> floor containment. All pumps still running at 4 LPM.
<b>1530</b>	Samples to the lab.



LiRo Engineers, Inc.

## Midtown Plaza Complex Asbestos Abatement Daily Summary Report

**NAME:** Jarrod Miner

**DATE:** 9/17/10

**Contract #**

**Liro Job #:**

**HOURS:** 0700 - 1530

**TASK:** PM on site.

<b>TIME</b>	<b>ACTIVITY – Tower – work area 18<sup>th</sup> Floor</b>
<b>0700</b>	Arrived on site.
<b>0710</b>	Calibrated and set up phase IIA – prep- samples for the 18 <sup>th</sup> floor containment. All pumps running at 3 LPM. Workers will continue to prep the work area today. They will try and complete all prep work today which includes prepping all the hard walls and ceiling, as well as establishing negative air. I will enter containment shortly to see how everything is moving along.
<b>0920</b>	Went into the 18 <sup>th</sup> floor containment from 0920 – 1055 to see how the workers have come along with the prep work. They are currently putting up the poly along all the hard walls as well as the ceiling of the containment. Talked with the supervisor for a little while – he believes they will be able to finish all prep work by the end of the day. I walked around the area briefly and looked at the walls and criticals that have already been established – all look to be sufficient. I will check back in this afternoon.
<b>1115</b>	Checked my pumps after coming out of containment – all still running ok. Also spoke with Mark Seeber about running some clearance air samples over the weekend. I will be running 3 large finals for the 2 <sup>nd</sup> , 3 <sup>rd</sup> , and 4 <sup>th</sup> floor windows in the Euclid building.
<b>1200</b>	Took lunch.
<b>1245</b>	Took some chargers and extra pumps up to the 16 <sup>th</sup> floor to set up a charging station for my pumps at night. I had previously spoken with Roy (electrician) and he informed me that the power boxes on the 17 <sup>th</sup> and 16 <sup>th</sup> floors were still live. I put them on the 16 <sup>th</sup> floor to keep them out of the way of the workers.
<b>1340</b>	Went back into the 18 <sup>th</sup> floor containment from 1340 – 1500 to see how they have moved along since this morning. 1 of the workers is continuing to put up the last of the poly on the walls, while a couple others are working to set up the negative air machines. They will have a total of 3 machines in the containment, 2 running and 1 as a backup. They are also going to apply a piece of plywood on the outside so that the machines can be set up in 1 bank which allows me to only run one negative air samples. All in all, the area looks ready for abatement to begin Monday morning. I'll check in with Frank Smith Monday morning and see what the plan is.
<b>1520</b>	Re-calibrated and broke down samples for the 18 <sup>th</sup> floor containment. All pumps still running at 3 LPM.
<b>1530</b>	Samples to the lab.



LiRo Engineers, Inc.

## Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Jarrod Miner

DATE: 9/20/10

Contract #

Liro Job #:

HOURS: 0700 - 1530

TASK: PM on site.

TIME	ACTIVITY – Tower – work area 18 <sup>th</sup> Floor
0700	Arrived on site.
0710	Calibrated and set up phase IIB samples for the 18 <sup>th</sup> floor containment. All pumps running at 3 LPM. Spoke with the supervisor Frank, workers will begin to conduct demo work inside containment. They will start by cutting out the exterior metal wall, and then remove the layers of drywall and insulation. I will check on the progress of the area shortly.
0845	Went into the 18 <sup>th</sup> floor containment from 0845 – 1020 to see how the workers are making out with the demo work. Currently the guys are taking out all the metal from the exterior walls. I made sure they were wiping down all the metal thoroughly before it was removed from containment. I checked on all criticals and walls in the containment to look for any breaches – everything looks to be in good shape. I see no issues with the negative air filters, or any of the procedures being used inside containment. I will check back in on the workers this afternoon.
1115	Went back up to the 18 <sup>th</sup> floor of the tower to inspect some of the metal sheets that have been removed from the containment. All metal looks to have been wiped down very thoroughly. I found no suspect material on any of the panels. Also checked my pumps – all okay. Checked the manometer reading – it was at 0.030.
1215	Took lunch.
1320	Went back into the 18 <sup>th</sup> floor containment from 1320 – 1445 to see how they have progressed with the demo work. Workers have removed the entire metal exterior wall, along with the drywall panels that were in-between the interior and exterior walls. They are currently removed the insulation which is the last layer before the interior metal wall. All insulation is being bagged up as c&d waste. Workers are using water on all the material to keep dust down. They will finish removing all the insulation today, and will begin cutting out the interior metal wall tomorrow morning. Everything in containment looks good.
1520	Re-calibrated and broke down phase IIB samples. All pumps still running at 3 LPM. I checked the manometer reading and it is still at 0.030.
1530	Samples to the lab.





LiRo Engineers, Inc.

## Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Jarrod Miner

DATE: 9/21/10

Contract #

Liro Job #:

HOURS: 0700 - 1530

TASK: PM on site.

TIME	ACTIVITY – Tower – work area 18 <sup>th</sup> Floor
0700	Arrived on site.
0710	Calibrated and set up phase IIB samples for the 18 <sup>th</sup> floor containment. All pumps running at 3 LPM. Workers are going to finish cutting out the metal around the beam. They are cutting just the top of the interior wall in order to expose the beam and allow them to scrape. They should be able to begin scraping around lunch time today.
0900	Went into the 18 <sup>th</sup> Floor containment from 0900 – 1025 to see how the work has come along. Workers are cutting the top of the interior wall the entire way around the containment. They will begin to scrape the beam in a little while. Workers are using water in the containment to keep all material wet down. All criticals and walls look to be in good shape – I see no breaches whatsoever. I will check back in this afternoon to see how the scraping has come along.
1130	Stood in the meeting in the 19 <sup>th</sup> floor of the Tower as personnel from Liro, ESDC, OSC, and KA&S discussed plans for the 19 <sup>th</sup> floor containment, as well as the procedures being used in the B-Foreman building.
1230	Took lunch.
1315	Went back into the 18 <sup>th</sup> floor containment from 1315 – 1440 to check how the scrape has progressed. Everything is moving along well – should have all the beams scraped by the end of the day. There isn't a lot of material on the beam since it is only on the one side. Workers are using water to keep all material wet. I checked the negative air filters and had one of the workers change one of them. Everything looks to be in good shape. Supervisor is hoping to conduct an inspection on the area on Thursday.
1520	Re-calibrated and broke down samples for the 18 <sup>th</sup> floor containment. All pumps running at 3 LPM still.
1530	Samples to the lab.



LiRo Engineers, Inc.

## Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Jarrod Miner

DATE: 9/22/10

Contract #

Liro Job #:

HOURS: 0700 - 1530

TASK: PM on site.

TIME	ACTIVITY – Tower – work area 18 <sup>th</sup> Floor
0700	Arrived on site.
0710	Calibrated and set up phase IIC (cleaning) samples for the 18 <sup>th</sup> floor containment. All pumps running at 3 LPM. Workers are going to finish up a tiny bit of fire proofing they need to scrape off the beam, and then begin to give the area a very thorough first clean in the work area. I will check on the workers in a little while to see how the area looks.
0915	Went into the 18 <sup>th</sup> floor containment from 0915 – 1105 to see how the workers have progressed. Workers have finished scraping the remaining portion of the beam, and have now moved on to cleaning the beam very thoroughly. I took a look at the beam as it stood and looks to be pretty clean already. Workers tended to clean as they scraped. I did a quick walk-through of the whole containment and looked for any holes or breached in the walls and criticals – all look good. I will check back in this afternoon to see how the cleaning has progressed.
1200	Took lunch.
1245	Checked my pumps – all okay. Checked the manometer reading – it is at 0.030.
1330	Went back into the 18 <sup>th</sup> floor containment briefly from 1330 – 1430 to see how the work area is looking. Everything is starting to come together very well. Workers will spend all day tomorrow as well doing a thorough final clean of the entire containment. I pointed out a few areas that I thought they should focus on tomorrow. Mark and I will walk through in the morning tomorrow and point out any additional areas we feel need attention. Everything in containment looks good.
1520	Re-calibrated and broke down phase IIC (cleaning) samples for the 18 <sup>th</sup> floor containment. All pumps still running at 3 LPM.
1530	Samples to the lab.



LiRo Engineers, Inc.

## Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Jarrod Miner

DATE: 9/23/10

Contract #

Liro Job #:

HOURS: 0700 - 1530

TASK: PM on site.

TIME	ACTIVITY – Tower – work area 18 <sup>th</sup> Floor
0700	Arrived on site.
0710	Calibrated and set up phase IIC (final cleaning) samples for the 18 <sup>th</sup> floor containment. All pumps running at 3 LPM. Workers will continue to final clean the work area today. They should be in the containment most of the day. I will head in the area this morning and conduct a preliminary visual inspection to see if there are any areas that need some attention.
0900	Went into the 18 <sup>th</sup> floor containment from 0900 – 1005 to see how workers are coming along in the final cleaning stage. Workers have just about completed wiping down all the walls in the work area, and are beginning to clean the floor very thoroughly. I did a quick walk through of the entire area and saw some residue on the top of the metal panels – asked one of the workers to make sure they got all of these cleaned up by the end of the day. I will check back in a little while to see if the area is ready for a FVI and clearance airs tomorrow.
1045	Did a quick scan of the exterior of the containment to check for any breaches in the walls or criticals – everything looks good. Also checked my pumps and manometer reading – all okay, manometer at 0.030.
1200	Took lunch.
1300	Went back into the 18 <sup>th</sup> floor containment from 1300 – 1415 to conduct a preliminary inspection on the work area. I first went and checked to make sure the workers cleaned up the panels where I asked them to earlier – it all looks good now. I walked around and looked it some of the crevasses and small areas where some material may fall during removal – I was unable to find any suspect material. Also did a quick inspection of the floor, everything looks good – no dust or debris found on the floor. Workers are finishing up the last of the floor as well as some additional wipe downs. They should finish the area soon. I will come in tomorrow and conduct a final visual inspection the area as well as clearance airs.
1510	Re-calibrated and broke down phase IIC (cleaning) samples. All pumps still running at 3 LPM.
1530	Samples to the lab.





LiRo Engineers, Inc.

## Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Jarrod Miner

DATE: 9/24/10

Contract #

Liro Job #:

HOURS: 0500 - 1330

TASK: PM on site.

TIME	ACTIVITY – Tower – work area 18 <sup>th</sup> Floor
0500	Arrived on site.
0510	Conducted a final visual inspection on the 18 <sup>th</sup> floor containment from 0510 – 0540. I closely inspected all portions of the work area and was unable to find any suspect material left in the containment. All dust and debris has also been removed from the work area. No visible pools of water are present. Visual inspection passed.
0545	Ran aggressive airs and set up box fans in the containment from 0545 – 0615 to set up for clearance air samples.
0620	Calibrated and set up clearance air samples for the 18 <sup>th</sup> floor containment. All pumps running at 4 LPM.
0745	Checked pumps in the area – all okay.
0855	Re-calibrated and broke down samples for the 18 <sup>th</sup> floor containment. All pumps still running at 4 LPM. Took the samples to the lab quickly.
0930	D.O.L. arrived on site. He walked through the B-foreman building to see the work going on. Also did a walk-through of the Sheer building to look at what work will be conducted in a few weeks. Received word that my finals passed for the 18 <sup>th</sup> floor containment. I informed the supervisor.
1100	Went over to the Liro office to do paperwork and type up a few logs for the week.
1200	Took lunch.
1300	Moved some pumps and samples from the pump room to the 16 <sup>th</sup> floor to get ready for prep work on the 19 <sup>th</sup> floor on Monday.
1330	Left site.

# Envoy Environmental Consultants Inc.

Empire State Development

## Project Monitor Visual Inspection Report



As per 12NYCRR Part 56 amended January 11, 2006

Building & Location: TOWER 18<sup>TH</sup> FLOOR Job Ticket # 42368

Project Description: ESDC Work Area: MARK S. PROJECT # 99-08114

Client/Owner (Print Name): KARS Client/Owner Representative (print name): FRANK SMITH

Abatement Contractor: JARROD MINER Supervisor (print name): FRANK SMITH NYSDOL Asbestos Handling Certificate Number: 99-08114 9-24-10

Yes ☒ No ☐ Supervisors Visual inspection Completed? Supervisor Completing Visual Inspection (print name): JARROD MINER NYSDOL Asbestos Handling Certificate Number: 10-00223 Date: 9-24-10

Project Monitor (Print Name): JARROD MINER NYSDOL Asbestos Handling Certificate Number: 10-00223 Date: 9-24-10

Site Emergency Phone: \_\_\_\_\_

Job Type: Class I ☒ Class II ☐

Job Size: Large ☒ Small ☐

Material F.P.

Sq Ln Ft

### Project Monitor Visual Inspection Checklist

Project with Multiple Removals ☐

Section A <input checked="" type="checkbox"/>				Section B <input checked="" type="checkbox"/>				Section C <input checked="" type="checkbox"/>			
Inspectors Checklist		Needs SAT Action N/A		Visual Inspection		Needs SAT Action N/A		Procedures/ Paperwork		Needs SAT Action N/A	
<b>Equipment</b>				<b>Personal Decontamination Unit</b>				<b>Paperwork &amp; Procedures</b>			
1. Flashlight <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				22. Clean & Free of Debris & Dust <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				42. Written Scope of Work (attached) <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
2. Knife or pointed object <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				23. No Visible Pools of Liquid <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				43. Verbal Scope of Work (see below) <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>			
3. Respirator <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				24. No condensation <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				44. Supervisor Present <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
4. Hard Hat <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				25. All Isolation Barriers intact <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				45. Wait period observed <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
5. Safety Glasses <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				<b>Waste Decontamination Unit</b>				<b>Paperwork &amp; Procedures</b>			
6. Tyvek Suit <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				26. Clean & Free of Debris & Dust <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				46. Sign into work area <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
7. Gloves <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				27. No Visible Pools of Liquid <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				47. Sign out of work area <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
<b>Inspection</b>				28. No condensation <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				48. Entry into Supervisors Log <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
8. Enter all Spaces <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				29. All Isolation Barriers intact <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				49. Detail Findings <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
9. Inspect at Close Range <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				<b>Regulated Abatement Work Area</b>				50. Enter Full Name <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
<b>Areas to Inspect</b>				30. No Visible Pools of Liquid <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				51. Enter AH Cert. Number <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
10. Permanent Fixtures <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				31. No condensation <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				52. Worker Present <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
11. Light Fixtures <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				32. All Criticals intact <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
12. Ductwork <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				33. All Isolation Barriers Intact <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
13. Elevated Horizontal Surfaces <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				34. No Unremoved Materials <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
14. Pipes <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				35. No Visible Debris <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
15. Ceiling Grids/Sprinkler Heads <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				36. No Visible Dust <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
16. Conduits <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				37. Examine Contractor Equipment <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
17. Houseman Channels <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>				38. Negative Air in Operation <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
18. Floor and Wall Penetrations <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				39. No Debris or Water under Plastic <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
19. Creases & Folds in Criticals <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				40. Completeness of Abatement** <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
20. Walls & Corners <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				41. Completeness of Clean-up** <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
21. Floors <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>											

Inspection requires a project monitor review of a written scope of work prior to the visual inspection to assure completeness of abatement and clean up.

Deficiencies, Corrections or notes

Briefly list all deficiencies and target compliance dates

1.
2.
3.
4.

Verbal Scope of Work (any verbal scope of work supplied by the contractor must be written below, if materials within the regulated area to remain also state this).


Supervisors Signature <u>Frank Smith</u>	Date <u>9-24-10</u>
Project Monitor Signature <u>Jarrold Miner</u>	Date <u>9-24-10</u>
<b>PASS</b> <input checked="" type="checkbox"/> Area Cleared to proceed with Clearance Airs <b>FAIL</b> <input type="checkbox"/> Area needs Reclean and Reinspection	

This report represents the condition of the above mentioned site at the time and date the observations were made.

Inspection performed by certified project monitor, scope does not include full project monitoring responsibilities as defined by 12 NYCRR Part 56-3.2(d)(8).

Inspection was performed in accordance with 12NYCRR 56-9.1(d) & (d)(1) and ASTM document E-1386-05, (8.4.1 & 8.4.5). Visual inspections do not include inspections behind, under or above critical or isolation barriers. This inspection is the responsibility of the asbestos abatement's supervisor under subpart 56-9.3 of ICR-56.

Copy delivered to:

On Date:

By:

FVI form

White - Envoy / Paradigm    Yellow - LiRo    Pink - Contractor

# ENVOY

environmental consultants, inc.

## Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒  
Air Technician: ☒ MINER, JARED

Date: 9-10-10

Job Ticket #: 42226

Building / Location: TOWER

Work Area: 19TH FLOOR

Shift (A) B C

Project Description

ESOC

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

KA+S

Abatement Contractor (Print Name)

BRYAN WARREN

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☐ No ☒

10

5-26-10

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☒

Phase IIA ☐

Phase IIB ☐

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☒

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check 1115

2nd Check 1230

3rd Check 1350

4th Check

5th Check

Time of air sampling pump check

Notes

CAL/SFT UP AT 1115 - ALL AT 4 LPM

CHECKED PUMPS AT 1230 - ALL OKAY

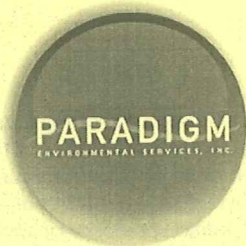
RE-CAL/BROKE DOWN AT 1350 - ALL STILL AT 4LPM

SAMPLES TO THE LAB

Air Technician Signature

The Air Monitoring Log Book is a multi-page document which must be viewed in its entirety.





# PARADIGM

ENVIRONMENTAL SERVICES, INC.

- ☐ 179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311  
☐ 1815 Love Road, Grand Island, NY 14072 Office (716) 775-5777 Fax (716) 775-5778

## Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #	12146-10
Job Ticket #	42226 No Job
Project #	10-1014

Empire State Development Corporation

Client

Building/Location

Contractor

Rotometer #

Work Area

Contractor Contact

Cassette Lot #

Client Contact

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Materials to be Removed

Project  
Phase

Phase IB ☒

Background

Phase IIA ☐

Work Area Preparation

Phase IIB ☐

Asbestos Handling

Phase IIC ☐

Final Cleaning

Phase IIC ☐

Clearance Airs

\* Env. ☐

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	I-1	I-2	I-3	I-4	I-5	O-6	O-7	O-8	O-9	O-10	B-1	B-2
Pre-Calibrated Flow Rate	4	4	4	4	4	4	4	4	4	4		
Post-Calibrated Flow Rate	4	4	4	4	4	4	4	4	4	4		
Average Flow Rate	4	4	4	4	4	4	4	4	4	4		
Start Time Military Time	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124		
End Time Military Time	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359		
Duration (Minutes)	155											
Sample Volume (Liters)	620											

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ Buf ELAP ID # 11955 ☐ Roch ELAP ID # 10958

Lab Sample #	82	800	801	802	803	804	805	806	807	808	809	810
Fibers/100 Fields:	4	1	4	1.5	4	1.5	3	1	2	7	0	0
Fibers/cc:	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	NIA	NIA

Sampled by:	Date:
Relinquished by:	Date:
Received in Lab By:	Date:
Analyzed By:	Date:
Microscope Make, Model & #:	Turn-around Time

Comments:

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

# ENVOY

environmental consultants, inc.

## Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐ / B. PETERSON Date: 9/29/10 Job Ticket #: 42326  
Air Technician: ☐

Building / Location: TOWER Work Area: FREIGHT ELEVATOR Shift: A B C

Project Description: ESDC Client / Owner Representative (Print Name): MARK SMITH Client Contact (Print Name): MARK SMITH  
Client / Owner (Print Name): KAPS

Abatement Contractor (Print Name): KAPS Abatement Supervisor (Print Name): #72 NYSDOL Asbestos Handling Certificate Number:

Yes ☐ No ☐ Map Completed: ☐ Rotometer Number:  Date of Last Calibration:

Project Phase: Phase IB ☐ Phase IIA ☒ Phase IIB ☐ Phase IIC ☐ Phase IIC ☐  
Backgrounds Work Preparation samples Asbestos Handling Samples Final Cleaning Samples Clearance Air Samples  
Class I ☒ Class II ☐ Large ☒ Small ☐ Minor ☐

Job Type:  Sq/ft  Ln/ft  Project with multiple removals ☐

Type of Material:  1st Check  2nd Check  3rd Check  4th Check  5th Check

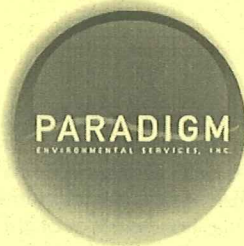
Time of air sampling pump check:  Notes: ON SITE TO REM IIA'S IN THE TOWER

ALL PUMPS ARE SET AND ARE RUNNING

DAY IS COOL WITH SOME SUN

Air Technician Signature: [Signature]  
The Air Monitoring Log Book is a multi-page document which must be viewed in its entirety.





# PARADIGM

ENVIRONMENTAL SERVICES, INC.

☐ 179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311  
☐ 1815 Love Road, Grand Island, NY 14072 Office (716) 775-5777 Fax (716) 775-5778

## Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #	114810
Job Ticket #	42326
Project #	10-1014

Empire State Development Corporation

Client

Building/Location

Work Area

Contractor

Contractor Contact

Client Contact

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Rotometer #

Cassette Lot #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☒

Phase IIB ☐

Phase IIC ☐

Phase IIC ☐

Env. ☐

Background

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	06	07	08	09	10	B/puk	B/puk						
Pre-Calibrated Flow Rate	3	3	3	3	3	1	1						
Post-Calibrated Flow Rate	3	3	3	3	3								
Average Flow Rate	3	3	3	3	3								
Start Time Military Time	0900	0901	0902	0903	0904								
End Time Military Time	1530	1531	1532	1533	1534								
Duration (Minutes)	510	510	510	510	510								
Sample Volume (Liters)	1530	1530	1530	1530	1530								

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ Buf ELAP ID # 11955 ☐ Roch ELAP ID # 10958

Lab Sample #	1	2	3	4	5	6	7						
Fibers/100 Fields:	11	9	5	7	2	0	0						
Fibers/cc:	0.003	0.003	0.002	0.002	0.002								

Sampled by: B. PETERSON	Date: 9/29/10
Relinquished by:	Date:
Received in Lab By: M. Smith	Date: 9/30/10
Analyzed By: M. Smith	Date: 9/30/10
Microscope Make, Model & #: OLY CH2	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments:

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician



# ENVOY

environmental consultants, inc.

## Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐ Air Technician: ☒ B. PETERSON Date: 10-6-10 Job Ticket #: 42345

Building / Location: TOWER Work Area: 19th floor Shift A B C

Project Description: ESDE Client / Owner (Print Name): ESDE Client / Owner Representative (Print Name): mark Smith Client Contact (Print Name): mark Smith

Abatement Contractor (Print Name): KATS Abatement Supervisor (Print Name): #72 NYSDOL Asbestos Handling Certificate Number:

Yes ☐ No ☐ Map Completed: ☐ Rotometer Number:  Date of Last Calibration:

Project Phase: Phase IB ☐ Backgrounds Phase IIA ☐ Work Preparation samples Phase IIB ☒ Asbestos Handling Samples Phase IIC ☐ Final Cleaning Samples Phase IIC ☐ Clearance Air Samples  
Class I ☒ Class II ☐ Large ☒ Small ☐ Minor ☐

Job Type:  Sq/ft  Ln/ft  Project with multiple removals ☐

Type of Material:  1st Check  2nd Check  3rd Check  4th Check  5th Check

Time of air sampling pump check:  Notes: on Site @ 0700 for 1113'S IN THE TOWER.

All pumps are set and are running

Day is cool with rain.

Work will be torching and cutting beams

Air Technician Signature: [Signature]  
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## Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 12989-10
Job Ticket # 42345
Project # 10-1014

Empire State Development Corporation 10/6/10

Client Tower

Building/Location KAB S Work Area 19th floor

Contractor #72 Contractor Contact

Rotometer # Cassette Lot #

mark Smith 716-359-2525

Client Contact B. PETERSON Client Contact Phone 831-2520

Air Technician Air Technician Phone

Fax Results To: Fax #

Materials to be Removed

Project Phase ☒ Phase IB ☐ Phase IIA ☐ Phase IIB ☒ Phase IIC ☐ Phase IIC ☐ Env. ☐  
Background Work Area Preparation Asbestos Handling Final Cleaning Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	06	07	08	09	10	11	Blank	Blank				
Pre-Calibrated Flow Rate	3	3	3	3	3	3						
Post-Calibrated Flow Rate	3	3	3	3	3	3						
Average Flow Rate	3.4	3	3	3	3	3						
Start Time Military Time	0700	0701	0702	0703	0704	0705						
End Time Military Time	1530	1531	1532	1533	1534	1535						
Duration (Minutes)	510	510	510	510	510	510						
Sample Volume (Liters)	1530	1530	1530	1530	1530	1530						

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ Buf ELAP ID # 11955 ☒ Roch ELAP ID # 10958

Lab Sample #	357	358	359	360	361	362	363	364				
Fibers/100 Fields:	7	5.5	5	3.5	6	2.5	0	0				
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01						

Sampled by: <u>B. PETERSON</u>	Date: <u>10/6/10</u>
Relinquished by:	Date:
Received in Lab By: <u>[Signature]</u>	Date: <u>10-7-10</u>
Analyzed By: <u>[Signature]</u>	Date: <u>10-7-10</u>
Microscope Make, Model & #: <u>8H06485</u>	Turn-around Time <u>Immed. 24 Hr. 48 Hr.</u>

Comments: Worker torching beams creating a lot of smoke

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician



# ENVOY

environmental consultants, inc.

## Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐ Air Technician: ☒ B. PETERSON Date: 10/7/10 Job Ticket #: 42347

Building / Location: Tower Work Area: 19th floor Shift: (A) B C

Project Description

Client / Owner (Print Name): ESDC Client / Owner Representative (Print Name): mark Smith Client Contact (Print Name): mark Smith

Abatement Contractor (Print Name): K&S Abatement Supervisor (Print Name): Frank Smith NYSDOL Asbestos Handling Certificate Number: 99-03114

Yes ☐ No ☐ Rotometer Number: #72 Date of Last Calibration:

Map Completed

Project Phase: Phase IB ☐ Backgrounds Phase IIA ☐ Work Preparation samples Phase IIB ☒ Asbestos Handling Samples Phase IIC ☐ Final Cleaning Samples Phase IIC ☐ Clearance Air Samples  
Class I ☒ Class II ☐ Large ☒ Small ☐ Minor ☐

Job Type: spray on Sq/ft Ln/ft Project with multiple removals ☐

Type of Material

1st Check 2nd Check 3rd Check 4th Check 5th Check

Time of air sampling pump check

Notes

on site @ 0700 to run wipes on the 19th floor of the Tower

All pumps are set and are running @ this time

Day is cool and damp.

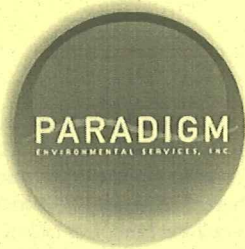
They will be using cutting force in this work area.

Air Technician Signature: [Signature]

The Air Monitoring Log Book is a multi-page document which must be viewed in its entirety.



13016-10



# PARADIGM

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## Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 13016-10
Job Ticket # 42347
Project # 10-1014

Empire State Development Corporation

Client

Building/Location  
Tower

Work Area  
19th floor

Contractor  
KATS

Contractor Contact

Rotometer #  
#72

Cassette Lot #

Client Contact  
Mark Smith

Client Contact Phone  
716-358-2525

Air Technician  
B. Peterson

Air Technician Phone  
831-2520

Fax Results To:

Fax #

Materials to be Removed  
Spray on

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Env. ☐

Background

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	06	07	08	09	10	11	12/14/16	Blank				
Pre-Calibrated Flow Rate	3	3	3	3	3	3	1	1				
Post-Calibrated Flow Rate	3	3	3	3	3	3						
Average Flow Rate	3	3	3	3	3	3						
Start Time Military Time	0700	0701	0702	0703	0704	0705						
End Time Military Time	1530	1531	1532	1533	1534	1535						
Duration (Minutes)	510	510	510	510	510	510						
Sample Volume (Liters)	1530	1530	1530	1530	1530	1530						

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ Buf ELAP ID # 11955 ☒ Roch ELAP ID # 10958

Lab Sample #	87	558	559	560	561	562	563	564	565			
Fibers/100 Fields:	10	7.5	4	8	6.5	2.5	0	0				
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01						

Sampled by: B. Peterson	Date: 9/10/2/10
Relinquished by:	Date:
Received in Lab By: ng	Date: 10-8-10
Analyzed By: B	Date: 10-8-10
Microscope Make, Model & #: 8406485	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments:

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

# ENVOY

environmental consultants, inc.

## Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐

Air Technician: ☒ B. PETERSON

Date: 10/8/10

Job Ticket #: 42349

Shift ☒ A ☐ B ☐ C

Building / Location: Tower

Work Area: 19th floor

Project Description

ESDC

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Mark Smith

Client Contact (Print Name)

KRGS

Abatement Contractor (Print Name)

FRANK Smith

Abatement Supervisor (Print Name)

99-03114

NYSDOL Asbestos Handling Certificate Number

Yes ☐ No ☐

#72

Rotometer Number

Date of Last Calibration

Map Completed

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☒

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

Spray on

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check

2nd Check

3rd Check

4th Check

5th Check

Time of air sampling pump check

Notes

on site @ 0700 to run wipes on the 19th floor of the

Tower

All pumps are set and are running @ this time

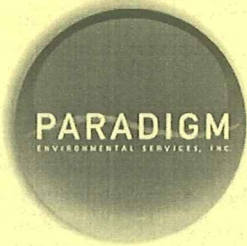
They are cutting with a torch in this work area

Day is cool and dry

Air Technician Signature

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## Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 13031-10
Job Ticket # 42349
Project # 10-1014

Empire State Development Corporation

Client

Building/Location  
B Tower

Work Area  
17th floor

Contractor  
K&S

Contractor Contact  
FRANK Smith

Rotometer #  
#72

Cassette Lot #

Client Contact  
Mark Smith

Client Contact Phone  
716-359-2525

Air Technician  
B. Peterson

Air Technician Phone  
331-2520

Fax Results To:  
Spray on

Fax #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Env. ☐

Background

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	06	07	08	09	10	11	Blank	Blank			
Pre-Calibrated Flow Rate	3	3	3	3	3	3					
Post-Calibrated Flow Rate	3	3	3	3	3	3					
Average Flow Rate	3	3	3	3	3	3					
Start Time Military Time	0700	0701	0702	0703	0704	0705					
End Time Military Time	1530	1531	1532	1533	1534	1535					
Duration (Minutes)	510	510	510	510	510	510					
Sample Volume (Liters)	1530	1530	1530	1530	1530	1530					

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ Buf ELAP ID # 11955 ☒ Roch ELAP ID # 10958

Lab Sample #	7205	7206	7207	7208	7209	7210	7211	7212			
Fibers/100 Fields	4.5	4	5	11	6	3	0	0			
Fibers/cc	40.01	40.01	40.01	40.01	40.01	40.01					

Sampled by: B. Peterson	Date: 10/3/10
Relinquished by:	Date: 10/11/10
Received in Lab By: [Signature]	Date: 10/11/10
Analyzed By: [Signature]	Date: 10/11/10
Microscope Make, Model & #: 811064 Jy	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments:

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician



# ENVOY

environmental consultants, inc.

## Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐

Air Technician: ☒ B. PETERSON

Date: 10/9/10

Job Ticket #: 42350

Building / Location: TONER

Work

Area: 19th floor

Shift ☒ A ☐ B ☐ C

Project Description

ESDC

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

KAS

Frank Smith

99-08114

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☐ No ☐

#72

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☐

Phase IIC ☒

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☒

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

Spray on

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check

2nd Check

3rd Check

4th Check

5th Check

Time of air sampling pump check

Notes

on site @ 0400 to run 110's in the Toner on the 19th floor

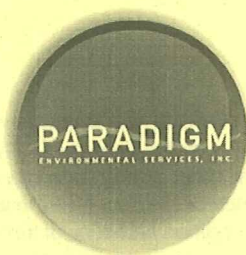
All pumps are set and are running.

Day is cool with some sun

Air Technician Signature

The Air Monitoring Log Book is a multi-page document which must be viewed in its entirety.

13026-10



# PARADIGM

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## Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # <b>13026-10</b>
Job Ticket # <b>42350</b>
Project # <b>10-1014</b>

Empire State Development Corporation **10/9/10**

Client **TOWNS**

Building/Location **19th Floor**

Contractor **KARS**

Contractor Contact **FRANK SMITH**

Rotometer # **#72**

Cassette Lot #

**mark Smith 716-359-2525**

Client Contact **B. PETERSON** Client Contact Phone **831-2520**

Air Technician **B. PETERSON** Air Technician Phone **831-2520**

Fax Results To: **Spray on** Fax #

Materials to be Removed

Project Phase ☒ **Phase IB** ☐ **Phase IIA** ☐ **Phase IIB** ☐ **Phase IIC** ☐ **Phase IIC** ☒ **Env.** ☐

Background Work Area Preparation Asbestos Handling Final Cleaning Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	I-1	I-2	I-3	I-4	I-5	I-6	O-1	O-2	O-3	O-4	O-5	Blank	Blank
Pre-Calibrated Flow Rate	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5		
Post-Calibrated Flow Rate	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5		
Average Flow Rate	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5		
Start Time Military Time	0500	0501	0502	0503	0504	0505	0506	0507	0508	0509	0510		
End Time Military Time	0800	0801	0802	0803	0804	0805	0806	0807	0808	0809	0810		
Duration (Minutes)	130	130	130	130	130	130	130	130	130	130	130		
Sample Volume (Liters)	630	630	630	630	630	630	630	630	630	630	630		

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ Buf ELAP ID # 11955 ☒ Roch ELAP ID # 10958

Lab Sample #	87	686	687	688	689	690	691	692	693	694	695	696	697
Fibers/100 Fields:	4	5	1.5	2	1	1	4	1	3.5	5	0	0	
Fibers/cc:	40.01	40.01	40.01	40.01	40.01	40.01	40.01	40.01	40.01	40.01	40.01	—	

Sampled by: <b>B. PETERSON</b>	Date: <b>10/9/10</b>
Relinquished by:	Date:
Received in Lab By: <b>B. Heathington</b>	Date: <b>10/11/10</b>
Analyzed By: <b>Smith</b>	Date: <b>10-11-10</b>
Microscope Make, Model & #: <b>8106485</b>	Turn-around Time <b>Immed. 24 Hr. 48 Hr.</b>

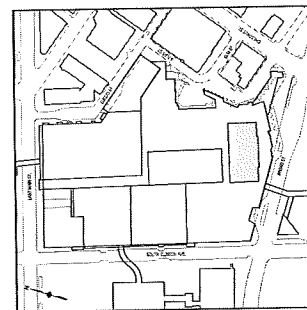
Comments:

1. THE INFORMATION IN THESE DRAWINGS ARE FOR GUIDANCE PURPOSES ONLY. THEY MAY NOT REPRESENT ACTUAL AS-BUILT DIMENSIONS AND SIZES. NO ADDITIONAL PAYMENT WILL BE MADE TO THE CONTRACTOR IF THE INFORMATION PROVIDED IN THE PLAN VARIES WITH THE EXISTING CONDITIONS.

2. PIPE CHANGES ARE SHOWN AT APPROPRIATE LOCATIONS. NOT ALL PIPE CHANGES ARE SHOWN. THE CONTRACTOR SHALL PERFORM SELECTIVE DEMOLITION AS NECESSARY TO EXPOSE ALL PIPING OR OTHER MATERIAL OR AS DIRECTED BY THE ENGINEER WORK AND SELECTIVE DEMOLITION COST SHALL BE INCLUDED IN THE CONTRACTORS BASE BID PRICE.
3. ALL REMAINING BUILDING FINISHES, INTERNAL COMPONENTS, DEBRIS, AND ALL ITEMS LEFT BY THE OWNER SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. NOT ALL ITEMS ARE SHOWN.
4. THE CONTRACTOR SHALL PURCHSE A LICENSED ELECTRICIAN TO EVALUATE, DE-ENERGIZE AND REMOVE ELECTRICAL DISTRIBUTION LINES NECESSARY SO THAT ASBESTOS ABATEMENT AND DISTRIBUTION ACTIVITIES CAN OCCUR WITHOUT THE INTERRUPTION OF ELECTRICAL SERVICE TO THE BUILDING. THE COST OF THE LICENSED ELECTRICIAN SHALL BE INCLUDED IN THE CONTRACTORS LUMP SUM BID.

THE ELEVATOR CONTROL ROOM CONSISTS OF AN 18TH FLOOR LEVEL AND A 19TH FLOOR LEVEL. THE FLOOR/CEILING BEAMS AND COLUMNS OF THE ELEVATOR CONTROL ROOM AND EQUIPMENT ROOM ARE COATED WITH A SPRAY-ON AND/OR TROWELED-ON FIRE PROOFING MATERIAL. THE REMOVAL QUANTITY INCLUDES ALL SPRAYED -ON AND TROWELED-ON FIRE PROOFING INCLUDING ALL OVERSPRAY ON ROOF/FLOOR DECKING, COLUMNS AND WALLS.

- 2** QUANTITY INCLUDES PIPE INSULATION WITHIN PIPE CHASE EXTENDING FROM THE 3RD FLOOR MECHANICAL ROOM TO THE 4TH FLOOR EQUIPMENT ROOM. THE CONTRACTOR SHALL BE RESPONSIBLE TO DECONTAMINATE THE SHAFT AS REQUIRED BY THE PROJECT MONITOR REMOVE ANY DECONTAMINANT OR RESIDUAL PIPING DEBRIS.
- 202** ELEVATOR COMPONENTS INCLUDING BUT NOT LIMITED TO CAR BRACE SHOES, EQUIPMENT PANELS, ETC. ARE PACM. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ASBESTOS CONTAINING ELEVATOR COMPONENTS.



LEGEND:

 PIPE CHASE

EIGHTEENTH/NINETEENTH FLOOR ASBESTOS ABATEMENT SCHEDULE	
ASBESTOS CONTAINING MATERIAL TO BE REMOVED AND DISPOSED	QUANTITY
SPRAY-ON/TROWELED ON FIREPROOFING	16,000 SF
FIRE DOORS	8 EACH
PIPE INSULATION	600 LF
FITTINGS ON FIREGLASS PIPE INSULATION	30 EACH
ELEVATOR COMPONENTS	15 EACH
	9,000 SFF

BID DOCUMENTS		REVISIONS	
		DESCRIPTION	
1	1/30/09		
NO.	DATE		

**WARNING** IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, OTHER THAN THOSE WHOSE SEAL APPEARS ON THIS DRAWING, TO ALTER IN ANY MANNER ANY PART OF THIS DRAWING. IF THIS ITEM IS ALTERED, THE ALTERATION SHALL BE FOLLOWED BY HIS SIGNATURE AND THE DATE OF THE ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



LERO Engineers, Inc.  
600 Delaware Ave.  
Buffalo, New York

**Empire State Development**  
400 Broadway Street, Suite 100  
Brooklyn, New York 11201-1479

DRAWING TITLE	GOOD TITLE AND LOCATION
1. <u>General</u>	
2. <u>Particulars</u>	
3. <u>Notes</u>	
4. <u>References</u>	
5. <u>Drawings</u>	
6. <u>Tables</u>	
7. <u>Figures</u>	
8. <u>Appendices</u>	
9. <u>Index</u>	
10. <u>Other</u>	

DRAWING NO.: 08-21-104  
 SHEET OF 16 17  
 FIGURE NO. MT-A16

18TH/19TH FLOOR  
MT-A16

Scale: 1" = 20 Ft.



1. THE INFORMATION IN THESE DRAWINGS ARE FOR GUIDANCE PURPOSES ONLY. THEY MAY NOT REPRESENT ACTUAL AS-BUILT DIMENSIONS AND SIZES. NO ADDITIONAL PAYMENT WILL BE MADE TO THE CONTRACTOR IF THE INFORMATION PROVIDED IN THE PLAN VARIES WITH THE EXISTING CONDITIONS.

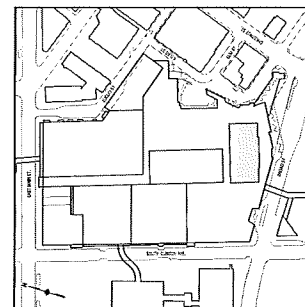
2. PIPE CHASES ARE SHOWN AT APPROXIMATE LOCATIONS. NOT ALL SELECTIVE DEMOLITION AS NECESSARY TO EXPOSE ALL PIPING OR OTHER ACM MATERIAL OR AS DIRECTED BY THE PROJECT MONITOR TO VERIFY THE PRESENCE/ABSENCE OF ACM. EXPLORATORY WORK AND SELECTIVE DEMOLITION COST SHALL BE INCLUDED IN THE CONTRACT BASE BID PRICE.

3. ALL REMAINING BUILDING FINISHES, INTERNAL COMPONENTS, DEBRIS, AND ALL ITEMS LEFT BY THE OWNER SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. NOT ALL ITEMS ARE SHOWN.
4. THE CONTRACTOR SHALL PROVIDE A LICENSED ELECTRICIAN TO EVALUATE, DE-ENERGIZE, AND REWIRE ELECTRICAL DISTRIBUTION LINES NECESSARY SO THAT ARRESTORS REMAIN AND EQUIPMENT ACTIVITIES ARE PROTECTED. THE CONTRACTOR SHALL PROVIDE ELECTRICAL TIES TO OTHER PORTIONS OF THE SITE. ALL ELECTRICAL WORK SHALL BE INCLUDED IN THE CONTRACTORS LUMP SUM BID.
5. ALL THUNDERBOLT PROTECTION PANELS AND WIRING REQUIRED BY THE CONTRACTOR FOR HIS EQUIPMENT AND WORK AREA LIGHTING SHALL BE INCLUDED IN THE CONTRACTOR LUMP SUM BID.
6. HOUSEHOLD, UNIVERSAL, AND HAZARDOUS MATERIALS ARE PRESENT THROUGHOUT THE ENTIRE FLOOR LEVEL. THE CONTRACTOR SHALL REFER TO THE HAZARDOUS MATERIALS SURVEY FOR DESCRIPTIONS AND QUANTITIES TO BE REMOVED AND DISPOSED OF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR HAZARDOUS MATERIALS IN ACCORDANCE WITH THE SPECIFICATIONS.

17. THE ELEVATOR CONTROL ROOM, CONSISTING OF AN 18TH FLOOR COLUMN AND A 19TH FLOOR LEVEL, THE FLOOR JOISTS AND WALLS OF THE ELEVATOR CONTROL ROOM AND EQUIPMENT ROOM ARE COATED WITH A SPRAY-ON AND/OR FLOWED-ON FIRE PROOFING MATERIAL. THE SPRAY-ON FIRE PROOFING MATERIAL SHALL BE APPLIED AND FLOWED-ON FIRE PROOFING MATERIAL OVERSPRAY ON ROOF BEARING COLUMNS AND WALLS.

18. QUANTITY INCLUDES THE INSULATION WITHIN THE SPACE EXTENDING FROM THE 2ND FLOOR MECHANICAL ROOM TO THE 18TH FLOOR EQUIPMENT ROOM. THE CONTRACTOR SHALL BE REQUIRED TO RECONTAMINATE THE SHaft AS DIRECTED BY THE PROJECT MONITOR TO REMOVE ANY DECONTAMINANT OR RESIDUAL FIBROUS DEBRIS.

19. ELEVATOR COMPONENTS INCLUDING BUT NOT LIMITED TO CAR BRACKETS, EQUIPMENT PANELS, ETC. ARE IN PLACE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL ELEVATOR CONTAINING ELEVATOR COMPONENTS.



EIGHTEENTH/NINETEENTH FLOOR ASBESTOS ABATEMENT SCHEDULE	
ASBESTOS CONTAINING MATERIAL TO BE REMOVED AND DISPOSED	QUANTITY
SPRAY-ON/TROWLED-ON FIREPROOFING	16,000 SF
FIRE DOORS	8 EACH
PIPE INSULATION	600 LF
FITTINGS ON FIREGLASS PIPE INSULATION	30 EACH
ELBOW/T JOINT COMPONENTS	18 EACH

ASVNU Jale

$$IIA, IIB, + IIC - \text{CLEANING AIRS}$$

Scale: 0 10 20 Ft.



**WARNING**

REPLICATION OF SECTION 7409, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW, FOR PERSONS OTHER THAN THE STATE ARCHIVES, IS PROHIBITED. ANY PERSON WHO ALTERS OR REPRODUCES THIS DRAWING, TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE SEAL AND THE NOTATION "ALTERED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION,

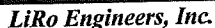
**Empire State Development**

**JOHN TITLE AND LOCATION:**

LIRO JOB NO.: 08-21-104

18TH/19TH FLOOR  
ASBESTOS ABATEMENT PLAN





**NAME:** *Byron Peterson*

**DATE:** 10/6/10

**Contract #**

***Liro Job #:***

**HOURS: 0500-1530**

**TASK:**

TIME	ACTIVITY <i>Project Monitor tower, B Forman 3rd Fl</i>
0500	On site @ 0500 to run 2c's in the Bforemen building on the 3 <sup>rd</sup> floor for a large job. <ul style="list-style-type: none"> <li>All pumps are set and are running.</li> <li>The day is cool with some rain.</li> </ul>
0630	Checked pumps all in working order.
0700	Going to the tower to set pumps on the 19 <sup>th</sup> floor. They will be cutting beams to gain access to the back side to clean off spray on.
0800	Picked up pumps in the Bforemen building and taking samples to the lab.
0900	Checked pumps In the tower they are all in working order.
0930	Got call from lab said that all finals from the Bforemen building all passed.
1030	Checked pumps all in working order.
1200	Workers going to lunch 2 this time. I will be going to lunch from 1200-1230
1300	Workers are back from lunch and are going back up to the tower.
1400	Checked pumps all in working order.
1530	End of the day all workers are off site for the day.





LiRo Engineers, Inc.

## Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Byron Peterson

DATE: 10/7/10

Contract #

Liro Job #:

HOURS: 0500-1530

TASK:

TIME	ACTIVITY Project Monitor tower B Forman 3rd
0500	On site @ 0500 to run 2c's in the bforemen building. They have a small tent on the 3 <sup>rd</sup> floor. <ul style="list-style-type: none"><li>All pumps are set and running @ this time.</li><li>They day is cool and damp should start drying out by this afternoon.</li><li>Conditions in the work areas are all wet dew to the condition of the roof.</li></ul>
0630	Checked pumps all in working order.
0700	Starting to set up pumps in the tower.
0800	Taking down the samples that were in the bforemen building and taking samples to the lab.
0900	Checked pumps in the tower all in working order.
1030	Going into containment on the 19 <sup>th</sup> floor.
1200	Out of containment and they are about half way done with the torching. There is a worker coming behind starting to scrap the beams.
1200	Workers starting to come out for lunch I will be going to lunch from 1200-1230
1230	Checked pumps all in working order.
1300	Workers going back into containment
1330	Checked pumps all in working order.
1530	End of the day all workers off site for the day.



LiRo Engineers, Inc.

## Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Byron Peterson

DATE: 10/8/10

Contract #

Liro Job #:

HOURS: 0430-1530

TASK:

TIME	ACTIVITY Project Monitor tower 8 Forman 3rd
0430	On site@ 0430 to run 2c's in the bforemen building on the tent on the 3 <sup>rd</sup> floor. <ul style="list-style-type: none"><li>All pumps are set and are running.</li><li>The day is cool and dry but inside of the building is still vary wet dew to the condition of the roof.</li></ul>
0630	Checked pumps all in working order.
0800	Taking pumps down and taking the samples to the lab.
0830	All pumps set up for the work that is being done In the tower. They have 3 workers up on the 19 <sup>th</sup> floor doing the last of the torching and the scraping.
1000	Checked pumps all in working order.
1200	Workers are going to lunch. I will be on lunch from 1200-1230
1230	Checked pumps all in working order.
1300	Workers are coming back from lunch and going back into containment.
1400	Checked pumps all in working order.
1430	Going into containment on the 19 <sup>th</sup> floor.
1530	Out of containment workers are finishing the last of the cleaning and then will be coming out of the containment.



LiRo Engineers, Inc.

## Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: *Byron Peterson*

DATE: *10/9/10*

Contract #

Liro Job #:

HOURS: *0400-0800*

TASK:

**TIME**

**ACTIVITY** *Project Monitor tower*

**0400**

On site @ 0400 to complete inspection and run final airs.  
• All work is complete to the scope of work.

**0500**

Setting up pumps on the 19<sup>th</sup> floor of the tower.

**0600**

Checked pumps all in working order.

**0700**

Checked pumps all in working order.

**0800**

Picking up pumps and taking all samples to the lab.



# Envoy Environmental Consultants Inc.

Empire State Development

## Project Monitor Visual Inspection Report



As per 12NYCRR Part 56 amended January 11, 2006

Building & Location: TONGUE 19th floor Job Ticket # 42350

Project Description: ESDC Work Area: MARK Smith PROJECT # 10-1014

Client/Owner (Print Name): KAFS Client/Owner Representative (print name): FRANK Smith

Abatement Contractor: KAFS Supervisor (print name): FRANK Smith NYSDOL Asbestos Handling Certificate Number: 99-08114

Yes ☐ No ☐ Supervisors Visual inspection Completed? FRANK Smith Supervisor Completing Visual Inspection (print name): FRANK Smith NYSDOL Asbestos Handling Certificate Number: 99-08114 Date: 10/9/10

Project Monitor (Print Name): B. PETERSON NYSDOL Asbestos Handling Certificate Number: 05-07324 Date: 10/9/10

Site Emergency Phone: \_\_\_\_\_

Job Type: Class I ☒ Class II ☐ Spray on

Job Size: Large ☐ Small ☒ Material \_\_\_\_\_ Sq \_\_\_\_\_ Ln \_\_\_\_\_ Ft \_\_\_\_\_

### Project Monitor Visual Inspection Checklist

Project with Multiple Removals ☐

Section A				Section B				Section C			
Inspectors Checklist		Needs Action N/A		Visual Inspection		Needs Action N/A		Procedures/ Paperwork		Needs Action N/A	
<b>Equipment</b> <b>Not Required</b>				<b>Personal Decontamination Unit</b> <b>Required to Pass</b>				<b>Paperwork &amp; Procedures</b> <b>Required to Pass</b>			
1. Flashlight	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	22. Clean & Free of Debris & Dust	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	42. Written Scope of Work (attached)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Knife or pointed object	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	23. No Visible Pools of Liquid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	43. Verbal Scope of Work (see below)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Respirator	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	24. No condensation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	44. Supervisor Present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Hard Hat	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	25. All Isolation Barriers intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	45. Wait period observed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Safety Glasses	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Waste Decontamination Unit</b> <b>Required to Pass</b>				<b>Paperwork &amp; Procedures</b> <b>Not Required</b>			
6. Tyvek Suit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	26. Clean & Free of Debris & Dust	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	45. Area Asbestos Survey	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Gloves	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	27. No Visible Pools of Liquid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	46. Sign into work area	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Inspection</b> <b>Not Required</b>				28. No condensation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	47. Sign out of work area	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Enter all Spaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	29. All Isolation Barriers intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	48. Entry into Supervisors Log	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Inspect at Close Range	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Regulated Abatement Work Area</b> <b>Required to Pass</b>				49. Detail Findings	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Areas to Inspect</b> <b>Not Required</b>				30. No Visible Pools of Liquid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	50. Enter Full Name	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Permanent Fixtures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	31. No condensation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	51. Enter AH Cert. Number	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Light Fixtures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	32. All Criticals intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	52. Worker Present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Ductwork	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	33. All Isolation Barriers Intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Elevated Horizontal Surfaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	34. No Unremoved Materials	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Pipes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	35. No Visible Debris	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Ceiling Grids/Sprinkler Heads	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	36. No Visible Dust	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. Conduits	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	37. Examine Contractor Equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Houseman Channels	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	38. Negative Air in Operation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Floor and Wall Penetrations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	39. No Debris or Water under Plastic	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. Creases & Folds in Criticals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40. Completeness of Abatement**	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Walls & Corners	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	41. Completeness of Clean-up**	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Floors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Inspection requires a project monitor review of a written scope of work prior to the visual inspection to assure completeness of abatement and clean up.

Deficiencies, Corrections or notes Briefly list all deficiencies and target compliance dates

1. <u>All work complete to Scope of work</u>
2. _____
3. _____
4. _____

Verbal Scope of Work (any verbal scope of work supplied by the contractor must be written below, if materials within the regulated area to remain also state this).


Supervisors Signature: <u>Frank Smith</u>	Date: <u>10-9-10</u>
Project Monitor Signature: <u>B. Peterson</u>	Date: <u>10/9/10</u>
<b>PASS</b> <input checked="" type="checkbox"/> Area Cleared to proceed with Clearance Airs	<b>FAIL</b> <input type="checkbox"/> Area needs Reclean and Reinspection

This report represents the condition of the above mentioned site at the time and date the observations were made. Inspection performed by certified project monitor, scope does not include full project monitoring responsibilities as defined by 12 NYCRR Part 56-3.2(d)(8). Inspection was performed in accordance with 12NYCRR 56-9.1(d) & (d)(1) and ASTM document E-1386-05, (8.4.1 & 8.4.5). Visual inspections do not include inspections behind, under or above critical or isolation barriers. This inspection is the responsibility of the asbestos abatement's supervisor under subpart 56-9.3 of ICR-56.

Copy delivered to:

On Date:

By:

FVI form

White - Envoy / Paradigm Yellow - LiRo Pink - Contractor



## 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

Envoy Environmental Consultants, Inc.

57 Ambrose Street

Rochester, NY 14608

FILE NUMBER: 02-0527  
LICENSE NUMBER: 28454  
LICENSE CLASS: RESTRICTED  
DATE OF ISSUE: 05/26/2010  
EXPIRATION DATE: 06/30/2011

Duly Authorized Representative: Geoffrey M. Reed

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

NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER  
RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2011  
Issued April 01, 2010

**CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE**

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

MR. BRUCE HOOGESTEGER  
PARADIGM ENVIRONMENTAL SERVICES INC  
179 LAKE AVENUE  
ROCHESTER, NY 14608

NY Lab Id No: 10958  
EPA Lab Code: NY01287

*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

NIOSH 7402

YAMATE, AGARWAL GIBB

Fibers

NIOSH 7400 A RULES

Serial No.: 41602

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.





**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005**

**Paradigm Environmental Services, Inc.**  
179 Lake Avenue  
Rochester, NY 14608  
Mr. Bruce Hoogesteger  
Phone: 585-647-2530 Fax: 585-647-3311  
E-Mail: bhoogesteger@paradigmenv.com  
URL: <http://www.paradigmenv.com>

**BULK ASBESTOS FIBER ANALYSIS (PLM)**

**NVLAP LAB CODE 200530-0**

<i>NVLAP Code</i>	<i>Designation / Description</i>
18/A01	EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

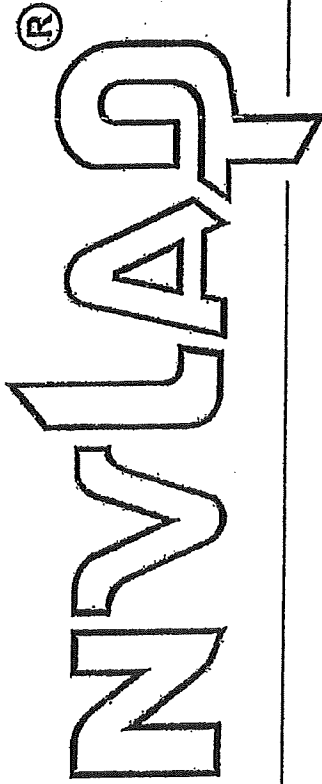
2009-07-01 through 2010-06-30

*Effective dates*

*Bruce S. Hoogesteger*  
For the National Institute of Standards and Technology



United States Department of Commerce  
National Institute of Standards and Technology



## Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200530-0

**Paradigm Environmental Services, Inc.**  
Rochester, NY

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

### **BULK ASBESTOS FIBER ANALYSIS**

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2009-07-01 through 2010-06-30

Effective dates



*Jolly S. Buice*  
For the National Institute of Standards and Technology

NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER  
RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2011  
Issued April 01, 2010

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PARADIGM ENVIRONMENTAL SERVICES INC  
179 LAKE AVENUE  
ROCHESTER, NY 14608

NY Lab Id No: 10958  
EPA Lab Code: NY01287

*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
Lead in Dust Wipes	EPA 6010B
Lead in Paint	EPA 6010B

**Sample Preparation Methods**

EPA 3050B

Serial No.: 41600

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STATE OF NEW YORK - DEPARTMENT OF LABOR  
**ASBESTOS CERTIFICATE**



JARROD D MINER  
CLASS(EXPIRES)  
C ATEC(06/11) H PM (06/11)



**CERT# 10-00223**  
**DMV# 845680311**

**MUST BE CARRIED ON ASBESTOS PROJECTS**

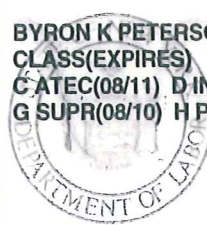


STATE OF NEW YORK - DEPARTMENT OF LABOF

ASBESTOS CERTIFICATE



BYRON K PETERSON  
CLASS(EXPIRES)  
C ATEC(08/11) D INSP(08/10)  
G SUPR(08/10) H PM (08/11)



CERT# 05-07324

DMV# 816217387

MUST BE CARRIED ON ASBESTOS PROJECTS

STATE OF NEW YORK - DEPARTMENT OF LABOR

ASBESTOS CERTIFICATE



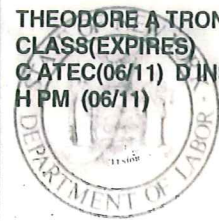
CERT# 02-02370  
DMV# 069921639

MUST BE CARRIED ON ASBESTOS PROJECTS

ASBESTOS CERTIFICATE



THEODORE A TRONNES  
CLASS(EXPIRES)  
C-ATEC(06/11) D-INSP(06/11)  
H-PM (06/11)



CERT# 07-00223

DMV# 775062693

MUST BE CARRIED ON ASBESTOS PROJECTS