Empire State Development Corporation

at

Midtown Plaza Asbestos Abatement
Midtown Tower
11th Floor
Rochester, New York

Prepared For:
Empire State Development Corporation
400 Andrews Street
Rochester, New York 14606

September 2, 2009 - January 30, 2010

REPORT PREPARED BY
Paradigm Environmental Services, Inc.
179 Lake Avenue, Rochester, New York 14608

PARADIGM
ENVIRONMENTAL SERVICES, INC.

WWW.PARADIGMENV.COM

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

September 22, 2010

Mr. Mark Smith
Empire State Development Corp
400 Andrews Street
Rochester, NY 14604

Re: Midtown Plaza Asbestos Abatement

Dear Mr. Smith:

This cover letter serves as a formal introduction to the Project and Air Monitoring records for the Midtown Tower 11th Floor work area 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,* for the dates referenced below.

The project air background samples were taken on September 2, 2009 and project containment set up began on December 15, 2009. The project continued until completion of abatement as confirmed by satisfactory air samples and Final Visual Inspection on January 30, 2010.

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.

11th Floor

Material Type	Original Survey Quantities	Verified Removal Quantities
Spray-on Fireproofing	43,300 Square Feet	36,451 Square Feet
Ceiling System	18,800 Square Feet	17,371 Square Feet
Fittings on Fiberglass Pipe Insulation	45 Fittings	104 Fittings
Floor Tile/Mastic	18,500 Square Feet	16,915 Square Feet
Mirror Mastic	400 Square Feet	180 Square Feet

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

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

Notifications & Quantities
Cover Summary

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY - REGION 2
Division of Enforcement & Compliance Assistance - Air Compliance Branch (DECA-ACB)
290 Broadway - 21st Floor
New York, NY 10007-1866

NOTIFICATION OF DEMOLITION AND RENOVATION

Operator Project #	Postmark	Date Received	Notification

I. TYPE OF NOTIFICATION (O = Original / R = Revised) R

II. FACILITY INFORMATION (Identify owner, removal contractor, and other operator)

OWNER:
Upstate Empire State Development Corporation
Address
400 Andrews Street
City: Rochester | State: NY | ZIP: 14604
Contact: Robert Kreuzer | Tel: (716) 882-5476

REMOVAL CONTRACTOR:
Cambria Contracting, Inc.
Address:
5105 Lockport Road
City: Lockport | State: New York | ZIP: 14094
Contact: William Eichhorn | Tel: (716) 625-6690

OTHER OPERATOR: None
Address:
City: | State: | ZIP:
Contact: | Tel:

III. TYPE OF OPERATION (D = Demolition / R = Renovation) : R

IV. IS ASBESTOS PRESENT? (Yes/No): Yes

V. FACILITY DESCRIPTION (include building name, number and floor or room number):

Building Name:
The Midtown Tower and Mall
Address:
140 Clinton Square - Midtown Plaza
Address:
City: Rochester | State: New York | County: Monroe
Site Location:
Mall Floors 1 & 2; Tower Floors 3 thriugh 18

Building Size:	SqMeter:	SqFt:	# of Floors:	Age in Years:
538,000		X	18	48

Present Use: Vacant | Prior Use: Commercial Mall & Office Building

VI. PROCEDURE, INCLUDING ANALYTICAL METHOD, IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL:
TEM (Transmission Electron Microscopy)
PLM (Polarized Light Microscopy)

VII. APPROXIMATE OF RACM TO BE REMOVED AND NON-FRIABLE ASBESTOS MATERIAL THAT WILL NOT BE REMOVED. SPECIFY THE AMOUNT OF ASBESTOS BELOW:

	RACM to be Removed	Non-friable Asbestos Material not to be removed Category I	Category II
Pipes - Linear Feet	9946		
Pipes - Linear Meters			
Surface Area - Square Feet	1,393,090		
Surface Area - Square Meters			
Volume RACM off Facility Component - Cubic Feet			
Volume RACM off Facility Component - Cubic Meters			

VIII. SCHEDULED DATES OF ASBESTOS REMOVAL: (MM/DD/YY) Start: 9/04/2009 Completion: 9/04/2010

IX. SCHEDULED DATES OF DEMOLITION/RENOVATION: (MM/DD/YY) Start: Completion:

NOTIFICATION OF DEMOLITION AND RENOVATION (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK, AND METHOD(S) TO BE USED:
Demolishing with excavator, wet methods, no visible emissions

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:

XII. WASTE TRANSPORTER #1

Name:
Reccelli Trucking, Inc

Address:
P.O. Box 6401

City:	State:	ZIP:
Syracuse	**New York**	**13217**

Contact Person:	Telephone:
Lucille Nicholson	**(315) 433-5115**

WASTE TRANSPORTER #2

Name
Cambria Contracting, Inc

Address:
5105 Lockport Rd

City:	State:	ZIP:
Lockport	**New York**	**14094**

Contact Person:	Telephone:
William Eichhorn	**(716) 625-6690**

XIII. WASTE DISPOSAL SITE

Name:
High Acres Landfill

Address:
425 Perinton Parkway

City:	State:	ZIP:
Fairport	**NY**	**14450**

Telephone:
(585) 223-6132

XIV. IF DEMOLITION IS ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY BELOW

Name:	Title:

Authority:

Date if Order (MM/DD/YY):	Date Ordered to Begin (MM/DD/YY) :

XV. FOR EMERGENCY RENOVATIONS

Date and Hour of Emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of How the Event caused Unsafe Conditions or Serious Disruption of Industrial Operation:

XVI. DESCRIPTION OF PROCEDURE TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NON-FRIABLE ASBESTOS BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER:
Stop work, abatement following ICR 56 and OSHA

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THE REGULATION (40CFR PART 61 SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS. (Required 1 year after promulgation) .

Signature of Owner/Operator _____ Date _____

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

Signature of Owner/Operator _____ Date _____

NOTICE DATE: 8/24/2009

NOTICE OF ASBESTOS ABATEMENT

PROJECT LOCATION:	Midtown Plaza Complex 140 Clinton Square Rochester, New York **MIDTOWN TOWER FLOORS 3 - 18**	
CONTRACTOR:	CAMBRIA CONTRACTING, INC. 5105 LOCKPORT ROAD LOCKPORT, NY 14094 AH# 99-0468	
MATERIAL:	514,100 sf	Spray-on /troweled Fireproofing
	216,300	Ceiling systems
	1,415 fittings	Fiberglass pipe insulation
	2,100 sf	Pipe Insulation
	197,900 sf	Floor Tile/mastic
	8,400 sf	Mirror Mastic
	170 sf	Chiller Insulation
	11,550 sf	Waterproof Membranes
	1400 sf	Acoustical Plaster
	135 sf	Caulk
	5,200 sf	Roofing
	11,000lf	Roof Flashing
	5,960 sf	Aluminum Panels with Caulk
	77 Doors	Fire Doors
	15 ea	Elevator Components
	1,417	Windows
PROJECT MONITOR:	ENVOY ENVIRONMENTAL CONSULTANTS 57 Ambrose Street Rochester, NY Asb.Lic.# 28454 Lab: Paradigm Environmental Services ELAP No. NY10958	
STATING DATE:	9/4/2009	
PROJECTED FINISH:	9/4/2010	

Asbestos Project Notification

Project Reference Number:	25738034	Type:	Initial Notification
Status:	Notification Received	Notification Received:	8/24/2009
Payment Status:	PAID	Number of amendments:	0
Notification Entered By:	Cambria Contracting, Inc.		

Contractor Information

FEIN:161542768

Cambria Contracting, Inc.

5105 Lockport Road

Lockport NY 14094

Asbestos License Number: 29410

Mailing Address

Duly Authorized Representative

Keith Trosterud, Manager

Phone Number: 716-625-6690

E-mail Address: keith@cambriacontracting.com

Project Information

Project Start Date:	9/4/2009
Project End Date:	9/4/2010
Project Location County:	Monroe

Project Location

Building Name:	Midtown Tower
Room or Location:	Floors 3through 18
Bridge ID#:	
Address Line 1:	140 Clinton Square
Address Line 2:	
City Town or Village:	Rochester
State:	New York
Zip Code:	

Building Information

Current Use:	Vacant
Prior Use:	Commercial
Approximate Year Built:	1962
Size(sq.ft):	262000
Is this fee exempt project?:	NO
Reason:	

Building Representative/Site Contact

Name: Robert Kreuzer
Phone Number: (716) 882-5476
E-mail Address: kreuzer@liro.com
Cell Phone Number:

Phase Details

Phase #	Phase Start Date	Phase End Date	Phase Location	Phase Scope

Sub-Contractor Details

Name:	Asbestos License Number:

Night/Weekend/Shift Work Details

Party for Whom Work is being Performed

First Name:		Last Name:	
Organization:	Upstate Empire State Development Corporation		
Apt./Suite:		Address Line 1:	400 Andrews Street
Address Line 2:		City Town or Village:	Rochester
Province:		State:	NY
Zip Code:	14604	Country:	United States
Contract Dollar Amount:	$34,000,000.00		

Variance Information

Procedures and Type of Equipment and Ventilation Systems Used

Negative Air Filtration Units 2000CFM, Aerospace America H2000A Hepa Vacuum, Pullman Holt 102AS Respirators 1/2 Face Negative, Wilson Chapin MXPF750 Water Pumps, Teel IPS579E Personal Air Pumps, BGI Inc ABC Manometer, Omnigard BS2000 Shower, Abatement Tech S5000T

Air Monitoring Firm

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

Laboratory Performing Analysis

Name:	ELAP Registration Number:
Paradigm Environmental Services, Inc	10958

Type of Asbestos Work

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

Waste Transporter

Name: Riccelli Trucking, Inc
NYS DEC or EPA Permit Number: 7A-434
Phone Number: (315) 433-5115
Apt./Suite:
Address Line 1: P.O. Box 6401
Address Line 2:
City Town or Village: Syracuse
Province:
State: NY
Zip Code: 13217
Country: United States

Landfill

Name: High Acres Landfill
Phone Number: (585) 223-6132
Apt./Suite:
Address Line 1: 425 Perinton Parkway
Address Line 2:
City Town or Village: Fairport
Province:
State: NY
Zip Code: 14450
Country: United States

Type and Amount of Asbestos Containing Material

Friable linear feet:	12415	Friable square feet:	517770
Non-friable linear feet:	0	Non-friable square feet:	447062

Fee

Total linear feet: 12415.0
Total square feet: 964832.0
Total Fee: 4000.0

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

Windows with ACM Caulk - 1417 windows
Elevator Components - 15 each

Variances

STATE OF NEW YORK
DEPARTMENT OF LABOR
www.labor.state.ny.us

DATE: 9/4/09

DELIVER TO:

Name: Robert Barr

Office:

Location:

Floor: **Room:**

Phone No: **Fax No:** 716-408-9567

FROM:

Name: Chris Howes

Office: Engineering Services

Location: Bldg 12 Room 159, State Campus, Albany, NY 12240

Phone No: 518-457-1536

Fax No: 518-457-1301

COMMENTS: Variance Decision As Discussed

Hardcopy shall follow via US Mail

NUMBER OF PAGES BEING TRANSMITTED: 23 **(including cover sheet)**

This communication is intended only for the use of the named addressee and may contain information which is privileged, confidential and/or exempt from disclosure under applicable law. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you receive this communication in error, please notify me immediately by telephone to arrange the immediate return of the communication.

Upon considering the merits of the alleged practical difficulties or unnecessary hardship and upon the record herein, the Commissioner of Labor does hereby take the following actions:

Case No. 1	ICR 5.1(h) limited
Case No. 2	ICR 56-7.2(o) limited
Case No. 3	ICR 56-8.1(b)(1-2)
Case No. 4	ICR 56-8.9(c)(2)
Case No. 5	ICR 56-8.9(e-f)
Case No. 6	ICR 56-9.1(h)
Case No. 7	ICR 56-11.2(b) limited

VARIANCE GRANTED. The Petitioner's proposal for pre-demolition removal of all friable and non-friable ACM in quantities and locations as listed by the petitioner, from the interior and exterior at the subject premises in accordance with the attached 23-page stamped copy of the Petitioner's submittal, is accepted; subject to the Conditions noted below:

THE CONDITIONS

1. As written with modifications as noted.

2. Relief from Section 5.1(h) is allowed only for non-ACM mounted/fixed object removal and non-ACM drywall removal that will not disturb ACM, as detailed within the petitioner's attached marked-up submittal.

3. During all phase II asbestos project activities, and preliminary preparatory work at the site, an independent full-time project monitor shall observe all work activities and ensure that no ACM is disturbed during work activities that are not within a negative pressurized containment enclosure. The project monitor shall direct the abatement contractor to cease all non-compliant activities upon discovery, and shall immediately inform the local district of the NYS DOL ACB of the situation by telephone.

4. Whenever internal combustion equipment is in use within the work area containment enclosure, combustion by-products shall be monitored as per current OSHA regulations, and engineering controls shall be established as necessary for adequate protection of all personnel in the work area from these by-products.

5. Any large equipment remaining in the work area, must be moved as necessary during the project monitor visual inspection, to allow all surfaces within the work area to be visually inspected adequately.

6. For discovered areas of ACM disturbance outside of negative pressurized work areas, all large size disturbance cleanup asbestos projects must be

appropriately designed and a variance reopening request submitted to address all work area preparation, cleanup and clearance procedures.

7. All reusable tent enclosures shall be disposed of as ACM at the conclusion of the entire asbestos project.

8. Usage of this variance is limited to those asbestos removals identified in this variance or as outlined in the Petitioner's proposal.

In addition to the conditions required by the above specific variances, the Petitioner shall also comply with the following general conditions:

GENERAL CONDITIONS

1. A copy of this DECISION and the Petitioner's proposals shall be conspicuously displayed at the entrance to the personal decontamination enclosure.

2. This DECISION shall apply only to the removal of asbestos-containing materials from the aforementioned areas of the subject premises.

3. The Petitioner shall comply with all other applicable provisions of Industrial Code Rule 56-1 through 56-12.

4. The NYS Department of Labor Engineering Service Unit retains full authority to interpret this variance for compliance herewith and for compliance with Labor Law Article 30. Any deviation to the conditions leading to this variance shall render this variance Null and Void pursuant to 12NYCRR 56-12.2. Any questions regarding the conditions supporting the need for this variance and/or regarding compliance hereto must be directed to the Engineering Services Unit for clarification.

5. This DECISION shall terminate on September 30, 2010.

Date: September 4, 2009

M. PATRICIA SMITH
COMMISSIONER OF LABOR

By

Christopher Alonge, P.E.
Associate Safety and Health Engineer

PREPARED BY: Christopher G. Alonge, P.E.
Associate Safety and Health Engineer

REVIEWED BY: Ed Smith, P.E.
Senior Safety and Health Engineer

09 79

Alonge, Christopher G (LABOR)

From: Robert Barr [rob@56services.com]
Sent: Friday, September 04, 2009 1:43 PM
To: Alonge, Christopher G (LABOR)
Cc: kreuzerr@liro.com; Wesolowski, Martin; 'William Eichhorn'
Subject: Midtown Tower Mall Variance clarifications V7
Attachments: Midtown Wire letter and sample results.pdf; Midtown variance V7 04Sept09.pdf

Mr. Alonge,

Most recent additions including listing remaining ACM in the above mentioned buildings and addition of air sampling requirements if and when an incidental disturbance occurs.

Please add previously attached site layout plans and example floor plans to this revised variance application.

If you need anything else corrected or amended, please do not hesitate to let me know.

Thank you,

Rob

Robert Barr 716.341.8601

PO Box 561 Buffalo, NY 14213 fax 716.408.9567

FIFTY-SIX services, inc.
environmental and demolition consulting

09 796

04 September 2009

Christopher Alonge, P.E.
Engineering Services Unit
New York State Department of Labor
W.Averell Harriman State Office Campus Bldg. 12 Rm 154
1112 South Avenue
Albany NY 12240

RE: **Midtown Plaza – Mall and Tower Variance Application Clarification**

Dear Mr. Alonge,

Enclosed please find a revised variance application for the above mentioned building(s). The following is a summary of the revisions and attachments to our application.

- Electrical wiring, previously presumed asbestos containing in the December 2008 survey of the Midtown Tower and Mall due to occupancy of the buildings was resampled on 03 September 2009, by LiRo Engineers. The material was analyzed by PLM and TEM methods and was not found to be an asbestos containing material. Please see the enclosed PLM & TEM Bulk Asbestos Results and chain-of-custody forms (Paradigm Environmental Services, Inc. Job#s 10690-09 and 10691-09).

I apologize for any confusion with regard to the prior submittal. Please review the following variance application and call with any further questions.

Sincerely,

Robert Barr
NYS Project Designer #93-19183

09 796

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

PLM & TEM BULK ASBESTOS REPORT

Client: LiRo Engineers, Inc.
Location: Midtown Plaza
Rochester, New York
Sample Date: 9/3/2009

Job No: 10690-09
Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
MM-01	75593	2nd Level - West	Black Wire Covering	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
MM-02	75594	2nd Level - East	Blue Wire Covering	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
MM-03	75595	1st Level - West	Red Wire Covering	Inconclusive No Asbestos Detected	0%	√	<1.0% Residue Remaining TEM not Required	N/A	None Detected	100%
MM-04	75596	1st Level - East	White Wire Covering	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
MM-05	75597	1st Level - East	Black Wire Covering	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
MM-06	75598	1st Level - West (Rainbow Plus)	Joint Compound	None Detected	0%		Not Required	N/A	Cellulose <1.0%	100%

NVLAP Lab Code 200530-0 for PLM Analysis **ELAP ID No.: 10958**

New York State Department of Health, ELAP Method 198.1 ,198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

√ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

**** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. *Quantitative transmission electron microscopy* is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.**

PLM Date Analyzed: 9/3/2009
Microscope: Olympus BH-2 #233173
PLM Analyst: *F. Childs*

TEM Date Analyzed: 9/4/2009
TEM Analyst: J. Peter Donato

Laboratory Results Approved By:
Asbestos Technical Director Mary Dohr

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

10690-09

2 of 2

LiRo Engineers, Inc.
ENVIRONMENTAL & ENGINEERING SERVICES

690 Delaware Avenue
Buffalo, New York 14209
Tel. 716-882-5476 / Fax 716-882-9640

Bulk Sampling Chain of Custody Form

LiRo Job #: 08-21-104
Job Name: Midtown Plaza
Job Location: Midtown Plaza, Rochester NY
Samples Taken by: DARRYL KOSIS
Building /Site: MALL.

FAX Results to: 716-882-9640
attention: Jason Colvin
email results to: colvinj@liro.com

Turn-Around-Time: IMMEDIATE

ACM CODE	SAMPLE NUMBER	SAMPLE LOCATION	DESCRIPTION OF MATERIAL	NOTES	QUANTITY
.	mm . 01	2ND LEVEL - WEST	Black wire covering	75993	
.	mm . 02	2ND LEVEL - EAST	Blue wire covering	994	
.	mm . 03	1ST LEVEL - WEST	Red wire covering	995 X	
.	mm . 04	1ST LEVEL - EAST	White wire covering	996	
.	mm . 05	1ST LEVEL - EAST	Black wire covering	997	
.	mm . 06	1ST LEVEL - WEST (Chamber plus)	Joint Compound	998	

Comments: **First positive stop for each "ACM Code" Group.**

Analyze NYS friables via PLM only. Analyze NYS NOB via PLM to TEM.

Relinquished By (Signature)	Date / Time	Received By (Signature)	Date / Time
	9/3/09		9.3.09

09/04/2009 16:37 518-457-1301 NYS LABOR-ENG. SVCES PAGE 07/13

09 966

09 796

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

PLM & TEM BULK ASBESTOS REPORT

Client: LiRo Engineers, Inc.
Location: Midtown Plaza
Rochester, New York
Sample Date: 9/3/2009

Job No: 10691-09
Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
MT-01	75999	13th Floor	White Wire Covering	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
MT-02	76000	13th Floor	Red Wire Covering	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
MT-03	76001	12th Floor	Blue Wire Covering	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
MT-04	76002	12th Floor	Black Wire Covering	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
MT-05	76003	9th Floor	Black Wire Covering	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
MT-06	76004	3rd Floor N/W of Pass Elev.	Joint Compound	None Detected	0%		Not Required	N/A	Cellulose <1.0%	100%

NVLAP Lab Code 200530-0 for PLM Analysis **ELAP ID No.: 10958**

New York State Department of Health, ELAP Method 198.1 ,198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

√ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

**** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. *Quantitative transmission electron microscopy* is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.**

PLM Date Analyzed: 9/3/2009
Microscope: Olympus BH-2 #233173
PLM Analyst: *F. Childs*

TEM Date Analyzed: 9/4/2009
TEM Analyst: J. Peter Donato

Laboratory Results Approved By:
Asbestos Technical Director Mary Dorr

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

PAGE 09/13
09 796
NYS LABOR-ENG. SVCES
518-457-1301
09/04/2009 16:37

10691-09

2860

LiRo Engineers, Inc.
ENVIRONMENTAL & ENGINEERING SERVICES

690 Delaware Avenue
Buffalo, New York 14209
Tel. 716-882-5476 / Fax 716-882-9640

Bulk Sampling Chain of Custody Form

LiRo Job #: 08-21-104
Job Name: Midtown Plaza
Job Location: Midtown Plaza, Rochester NY
Samples Taken by: DARRYL KOSUT
Building /Site: Tower

FAX Results to: 716-882-9640
attention: Jason Colvin
email results to: colvin@liro.com
Turn-Around-Time: Immediate

ACM CODE	SAMPLE NUMBER	SAMPLE LOCATION	DESCRIPTION OF MATERIAL	NOTES	QUANTITY
.	MT . 01	13th Floor	White wire covering	75999	
.	MT . 02	13th Floor	Red wire covering	6000	
.	MT . 03	12th Floor	Blue wire covering	001	
.	MT . 04	12th Floor	Black wire covering	002	
.	MT . 05	9th Floor	Black wire covering	003	
.	MT . 06	3rd Fl N/o of Pass. Elev.	Joint Compound	004	

Comments: **First positive stop for each "ACM Code" Group.**

Analyze NYS friables via PLM only. Analyze NYS NOB via PLM to TEM.

Relinquished By (Signature)	Date / Time	Received By (Signature)	Date / Time
	9/3/09		
			9.3.09

09 796

FIFTY-SIX services, inc.
environmental and demolition consulting

02 September 2009

Christopher Alonge, P.E.
Engineering Services Unit
New York State Department of Labor
W.Averell Harriman State Office Campus Bldg. 12 Rm 154
1112 South Avenue
Albany NY 12240

RE: **Midtown Plaza – Mall and Tower Variance Application Clarification**

Dear Mr. Alonge,

Enclosed please find a revised variance application for the above mentioned building(s). The following is a summary of the revisions to our application.

- Debris noted in the previous petition referred to the possible discovery of unforseen conditions and the associated debris, not existing conditions – and the need for an approved variance in place so as to not slow abatement in the case encountered debris is more than 10 SF. Having personally performed the most recent survey on this facility, and having personally reviewed the prior operations and maintenance program documentation – the material in question was in good condition at time of inspection.
- All personnel engaged in general removals are all NYS DOL certified workers with up to date hard cards, physicals and fit tests. They are in the process of removing non-ACM features of the buildings (i.e., removal of gypsum boards installed below the ceiling systems leaving the wall studs, removal of doors, trim, furniture, and other non-ACM features of the building. No ACM will be disturbed by this process and personal air sampling is being conducted.
- The project will have Liro Engineers as a full time construction manager for the asbestos abatement and demolition and Liro will maintain a full time project monitor on-site. Paradigm Environmental will provide full time project monitors and air sampling technicians on-site for the duration of the project as the independent air monitor. Both companies will remain on site from pre-abatement through post abatement activities. All personnel on-site will be DOL licensed.

I apologize for any confusion with regard to the prior submittal. Please review the following variance application and call with any further questions.

Sincerely,

Robert Barr
NYS Project Designer #93-19183

PO Box 561 – Buffalo, NY 14213 716.341.8601 (ph) 716.408.9567 (fax)

09 796

Attachments for Variance Petition
MIDTOWN PLAZA
Rochester, NY
August 2009

9. Reason for Request

The project consists of the removal of ACM located at the Midtown Plaza Tower and attached Mall Complex. The buildings are part of a major demolition and revitalization project in downtown Rochester, New York. The contractor has twelve months to complete the project. The aforementioned buildings and adjacent buildings are vacant and are all scheduled for abatement and demolition. Materials and approximate quantities addressed by this petition for variance are as follows:

MIDTOWN TOWER - Asbestos Containing Materials:

- Spray-on/troweled-on Fireproofing – 514,100 SF
- Ceiling systems – 216,300 SF
- Pipe Insulation (other than that associated with ceiling systems) - 2,100 SF
- Fittings on fiberglass pipe insulation – 1,415 fittings
- Floor tile/mastic – 197,900 SF
- Fire doors – 77 doors
- Chiller insulation – 170 SF
- Mirror mastic – 8,400 SF
- Waterproof membranes – 11,550 SF
- Acoustical plaster – 1,400 SF
- Vent caulk – 5 SF 9/4/09
- Skylight caulking – 30 SF
- Caulk at metal panels – 100 SF
- Roofing – 5,200 SF
- Roof flashing – 11000 LF
- Aluminum panels with caulk – 5,960 SF
- Elevator components – 15 each
- Windows with ACM caulk – 1,417 windows

MIDTOWN MALL - Asbestos Containing Materials:

- Spray-on Fireproofing – 877,120 SF
- Ceiling systems – 373,300 SF
- Fittings on fiberglass pipe insulation – 1,171 fittings
- Pipe insulation – 5,260 LF
- Floor tile/mastic – 237,000 SF
- Mirror mastic – 18,300 SF
- Wall panel mastic – 2,500 SF

09 796

Attachments for Variance Petition
MIDTOWN PLAZA
Rochester, NY
August 2009

- Fire doors – 52 doors
- Carpet mastic on wall – 500 SF
- Drywall compound in former Cabochon store – 300 SF
- Caulk – 1,000 SF
- 3rd floor windows with ACM caulk – 8 large window sets
- Roofing – 23,815 SF
- Roof flashing – 6,552 LF
- Vaults and insulated safes
- Caulking and glazing on exterior windows and doors
- Mastic on select vinyl cove base.
- Roof vents - 5 vents

* PLASTER ON EXTERIOR OVERHANGS - 23,000 SF CMA 9/4/09

The abatement project is being completed as part of a demolition project of a group of buildings that comprise the Midtown Plaza. All buildings are currently unoccupied. The buildings were occupied as late as the end of 2008 and up to that point operations and maintenance programs were implemented and kept up until the closure of the facility. Records of this were kept in facility management offices and were reviewed as part of the survey process.

The spray-on fireproofing exists in all buildings and necessitates alternative preparation and removal methods. Extensive overspray is present on all components above ceiling systems. Because of the previously mentioned O&M program – this material was in good condition at time of inspection. Periodic monitoring of the buildings was performed by building personnel from the inception of asbestos standards and those records were reviewed as part of the survey report. The relief requested in this variance petition, via methods listed herewithin, are pre-emptive approaches to the discovery of debris above ceiling systems in the event previously unknown debris is discovered during pre-abatement inspections and are not based upon existing conditions. All materials including and above suspended and fixed ceilings, up to and including the decking are considered ACM and abatement methods will adhere to NYCRR56. The project has a strict 12-month schedule that must be maintained, and with an approved variance in place with respect to incidental disturbance delays will be alleviated.

Removal of floor tile, mastics and floor leveler/flash patch material will essentially be in accordance with 56-11.4, but the sequencing needs to be incorporated within the context of the other friable ACM removals in the same area(s), along with provisions to utilize powered equipment.

09 796

Attachments for Variance Petition
MIDTOWN PLAZA
Rochester, NY
August 2009

Alternative methods are also required to ensure the safety of abatement personnel performing the work in elevated locations.

Generally, literal compliance with the provisions of 12 NYCRR 56 would present an unnecessary hardship due to practical difficulties in safely accessing and removing the ACM in all of the buildings.

Prior to pre-abatement activities limited general removal of components will be completed that will not disturb or impact any ACM. Prior to regulated work area prep, activities performed will include removal of gypsum board from studs (below ceilings and leaving the wall studs in place to support partition wall above ceiling), removal of doors, trim, furniture, cabinets and other non ACM features of this building. Non-asbestos materials being removed as construction debris will be visually inspected by an on-site project monitor. No materials or wall boards will be disturbed at or above the ceiling systems. No ACM will be disturbed as part of the general removals. At time of inspection, and due in part to the previously existing and implemented O&M program in this facility, no debris from the spray-on fireproofing above was found in spaces below the ceiling system or within interior partition walls.

The operational bus station will reportedly close in October. Until that time hardwalled asbestos work areas will be a minimum of 25' away from public spaces. All areas will be demarcated usung barrier tape and signage with access limited to licensed individuals.

Walkways to adjacent noted in the most recent survey are no longer functional and are demarcated with barrier tape and proper signage. Air samples will be taken at this barrier location as per NY CRR56.

Plaster on exterior overhangs will be removed as part of this abament project. These exterior areas will all be hard walled and all abatement methods will adhere to NY CRR56.

Duct block insulation noted in the survey report will be address as part of the Tunnels or McCurdy's. This material was listed in this report because of it's proximity to this structure, but additionally listed in McCurdy's because of its original intended function.

Electrical wiring initially presumed asbestos containing was resampled 9/3/2009. Material was tested using PLM and TEM methods and was not found to be asbestos containing material. PLM & TEM Bulk Asbestos Results and chain-of-custody forms are also included in this submittal (Paradigm Environmental Services, Inc. Job#s 10690-09 and 10691-09).

STATE OF NEW YORK
DEPARTMENT OF LABOR
www.labor.state.ny.us

DATE: 10/27/09

DELIVER TO:

Name: Robert Barr

Office:

Location:

Floor: **Room:**

Phone No: **Fax No:** (716) 408-9567

FROM:

Name: Chelsea Schmiedeskoff

Office: Engineering Services

Location: Bldg 12 Room 159, State Campus, Albany, NY 12240

Phone No: 518-457-1536

Fax No: 518-457-1301

COMMENTS:

NUMBER OF PAGES BEING TRANSMITTED: 2 (including cover sheet)

This communication is intended only for the use of the named addressee and may contain information which is privileged, confidential and/or exempt from disclosure under applicable law. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you receive this communication in error, please notify me immediately by telephone to arrange the immediate return of this communication.

FIFTY-SIX services, inc. environmental and demolition consulting

16 October 2009

Christopher Alonge, P.E.
Engineering Services Unit
New York State Department of Labor
W.Averell Harriman State Office Campus Bldg. 12 Rm 154
1112 South Avenue
Albany NY 12240

APPROVED

OCT 22 2009

New York State Dept. of Labor
Engineering Services Unit

RE: Midtown Plaza – Mall and Tower Variance Application Amendment ~~08-0796~~

pg 1 of 21

Dear Mr. Alonge,

With respect to the above mentioned variance, we submit the following additional information to be considered with the amendment to the original application:

- In the approved variance (Number 09-796) approval is granted for the utilization of bead blasters and solvent cleaning for the removal of the floor mastic materials. We would like to add the utilization of ultra-high pressure water to the list of approved mastic removal technologies. For the utilization of this technology, the following activities will occur:
  - A remote enclosure system will be constructed to contain the vacuum recovery system and water treatment unit. This enclosure will be located at ground level and will have an attached personal and waste decontamination system. It is expected to construct this enclosure system with wood framing and 4 layers of flame retardant reinforced plastic sheeting ~~in a tent like structure~~. The remote enclosure system will be placed under negative pressure registering -.02 on a magnahelic gauge.
  - The vac recovery system will be HEPA filtered at the blower exhaust.
  - The ultra high pressure floor tool head will be attached to the pump and the vac recovery system in the designated regulated abatement work area. The pump will be engaged to allow for 36,000psi of water pressure to be sent to the working head. The working head is a shrouded blast head that has the HEPA filtered vac recovery system attached. As the floor is blasted and cleaned, the vac recovery system will capture and convey (via enclosed negative pressure pipe) all the generated waste to the remote enclosure housing the vac recovery system. Liquid phase waste will be filtered to 5 microns and sent to a sanitary sewer structure, semi solid waste will be made solid by the introduction of kiln dust, concrete or saw dust to allow for packaging and disposal as solid waste material as depicted in the approved variance.
  - Upon completion of the mastic removal activities, the interior of the vac recovery system will have all filters removed and packaged as asbestos waste and all internal components wet wiped, HEPA vacuumed or pressure washed until free of all visible material. Final Airs will be run on the remote enclosure, upon receipt of satisfactory air clearance, the remote containment will be removed and the vac system removed from the site.

AS PER ICR 56 cgk 10/22/09

PLYWOOD SHEATHING cgk 10/22/09

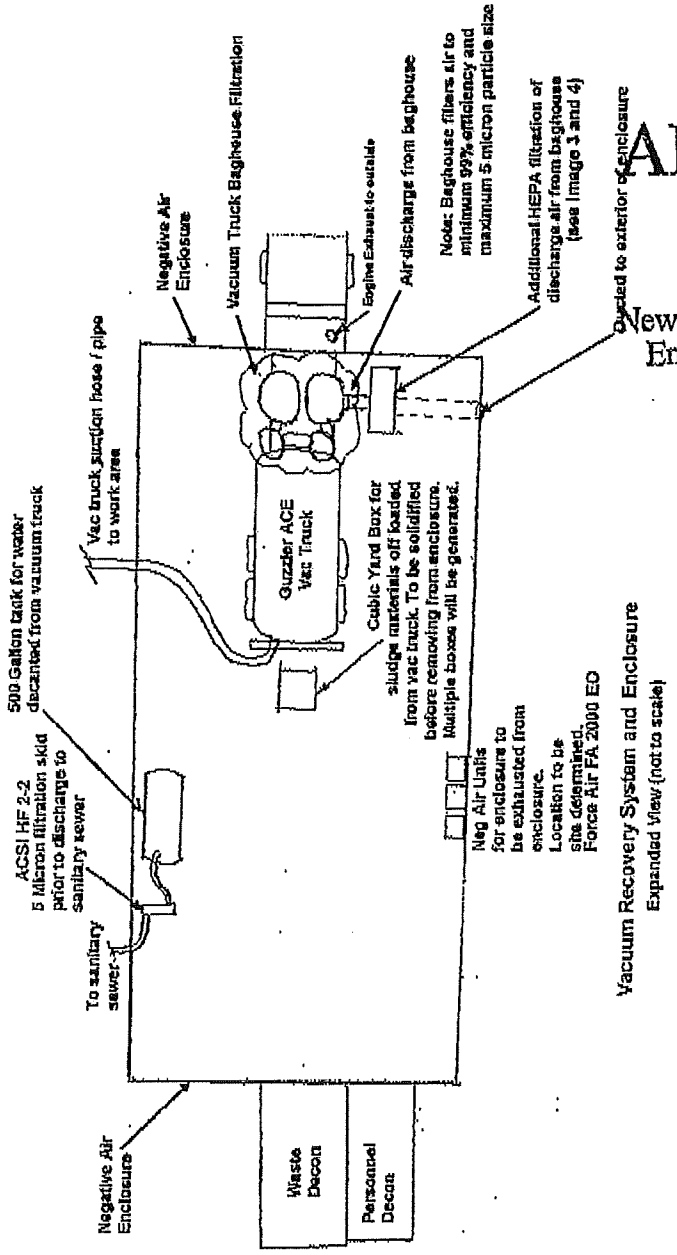
ALL EQUIPMENT SHALL BE THOROUGHLY CLEANED AS PER ICR 56 cgk 10/22/09

* ONLY UNITS EQUIPPED BY MANUFACTUER WITH VACUUM RECOVERY CONNECTION SHALL BE UTILIZED FOR REMOVALS. MANUFACTUER REQUIREMENTS FOR OPERATION & MAINTENANCE OF ALL SYSTEM COMPONENTS, SHALL BE FOLLOWED. cgk 10/22/09

PO Box 561 – Buffalo, NY 14213 716.341.8601 (ph) 716.408.9567 (fax)

10/27/2009 09:17 518-457-1301 NYS LABOR-ENG. SVCES PAGE 02/22

- Approved variance also listed clearance air sampling after gross removal of spray-on and again after removal of ACM flooring and mastic. Contractor will perform clearance air samples after completion of removal of all ACM and after final cleaning, drying periods, inspections and clearance as per 12 NYCRR 56.



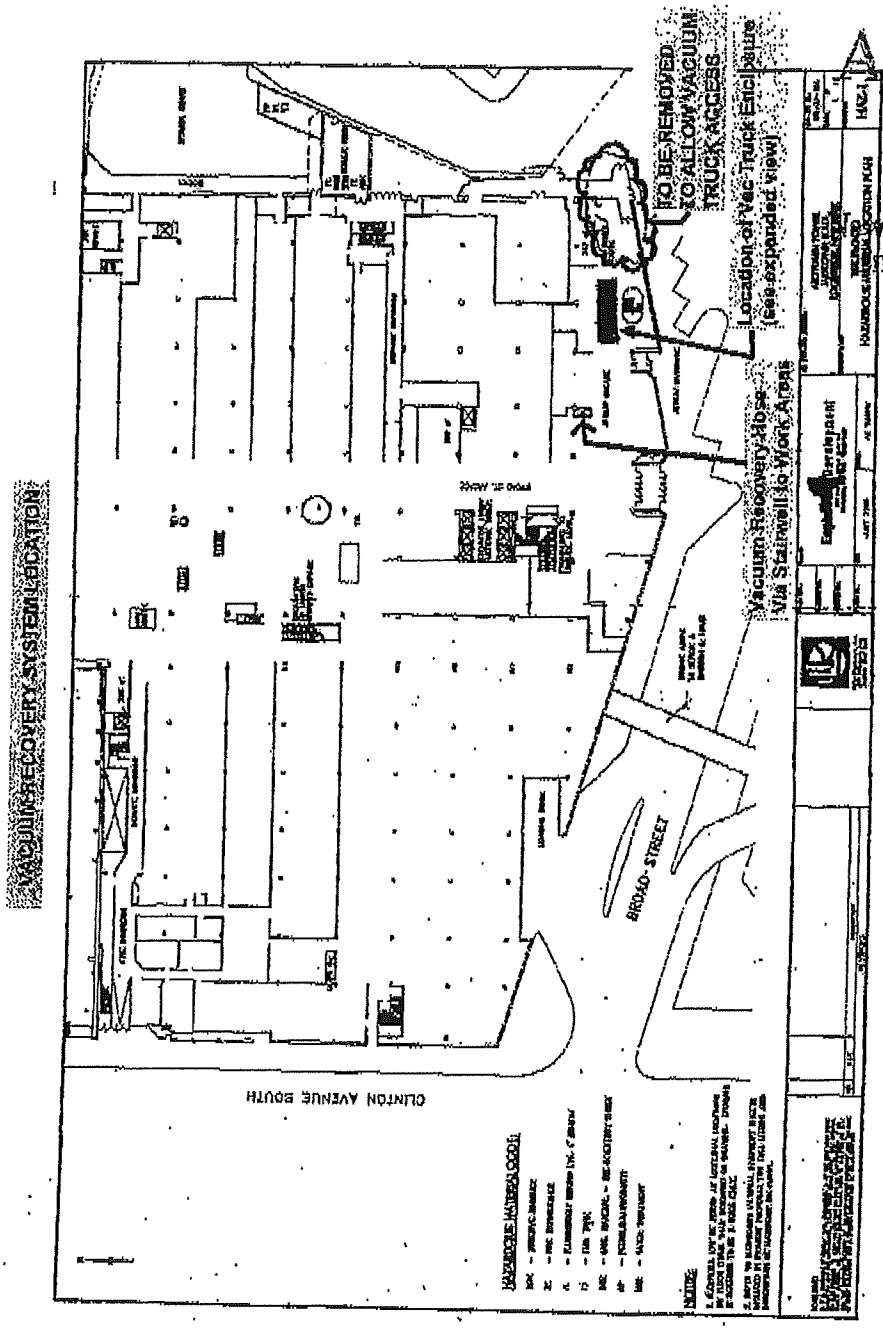
APPROVED

OCT 2 : 2009

New York State Dept. of Labor
Engineering Services Unit

pg 2 of 21

10/27/2009 09:17 518-457-1301 NYS LABOR-ENG. SVCES PAGE 03/22



APPROVED

OCT 22 2009

New York State Dept. of Labor
Engineering Services Unit

13-3 #21

10/27/2009 09:17 518-457-1301 NYS LABOR-ENG. SVCES PAGE 04/22

Alonge, Christopher G (LABOR)

From: Robert Barr [rob@56services.com]
Sent: Friday, October 16, 2009 12:24 PM
To: Alonge, Christopher G (LABOR); Alonge, Christopher G (LABOR)
Cc: 'Bill'; Wesolowski, Martin; kreuzerr@liro.com
Subject: Response

APPROVED

OCT 22 2009

New York State Dept. of Labor
Engineering Services Unit

Mr. Alonge,

Additions to submitted letter and responses to your questions:

1. Waste Water Control – Any residual water that does not make it into the unit head and sent via hose directly to vacuum truck will be squeeged and HEPA vacuumed immediately.
2. Enclosure – Unit will be in use for extended period of time – it will be hard walled as per Code Rule 56.
3. Fencing – Unit will be parked inside one of the buildings on this site – with access limited only to NYS DOL licensed individuals. Entire site will be fenced. WITH A MINIMUM OF 8' HIGH TEMPORARY CHAIN-LINK CONSTRUCTION FENCING. THIS FENCING SHALL BE INSTALLED PRIOR TO USE OF THIS SYSTEM*

I also left this information on your voice mail. Please call if you have any questions.

Rob

Robert Barr 716.341.8601
[redacted]
PO Box 561 Buffalo, NY 14213 fax 716.408.9567

*ONE WORKER SHALL BE DESIGNATED FOR WASTEWATER CONTROL AT EACH REMOVAL LOCATION & SHALL VACUUM FUGITIVE WASTEWATER IMMEDIATELY UPON GENERATION.

10/16/2009

Alonge, Christopher G (LABOR)

m: Robert Barr [rob@56services.com]
Sent: Tuesday, October 20, 2009 3:49 PM
To: Alonge, Christopher G (LABOR); Alonge, Christopher G (LABOR)
Cc: 'Bill'
Subject: Midtown FW: Vac Unit Information

Attachments: 36-9950-15A.pdf; 20091020152218648.pdf

APPROVED

OCT 2 2 2009

New York State Dept. of Labor
Engineering Services Unit
By 5 of 21

36-9950-15A.pdf (83 KB) 20091020152218648.pdf (87 KB)

Mr. Alonge,

Direct from the manufacturer.

Robert Barr
56 Services
716.341.8601

-----Original Message-----
From: Kidd, Rick A [mailto:kiddra@nlbusa.com]
Sent: Tuesday, October 20, 2009 3:25 PM
To: rob@56services.com
Subject: Vac Unit

Attached is the 36-9950-15A curent spin jet with Vac attachment.

> Rick Kidd
> LB Corp
> Customer Service / Technical Support Mgr.
> 1-800-227-7652 Ext. 184
> Kiddra@nlbusa.com
www.nlbcorp.com

<<36-9950-15A.pdf>> <<20091020152218648.pdf>>

10/27/2009 09:17 518-457-1301 NYS LABOR-ENG. SVCES PAGE 06/22

NLB Corp.

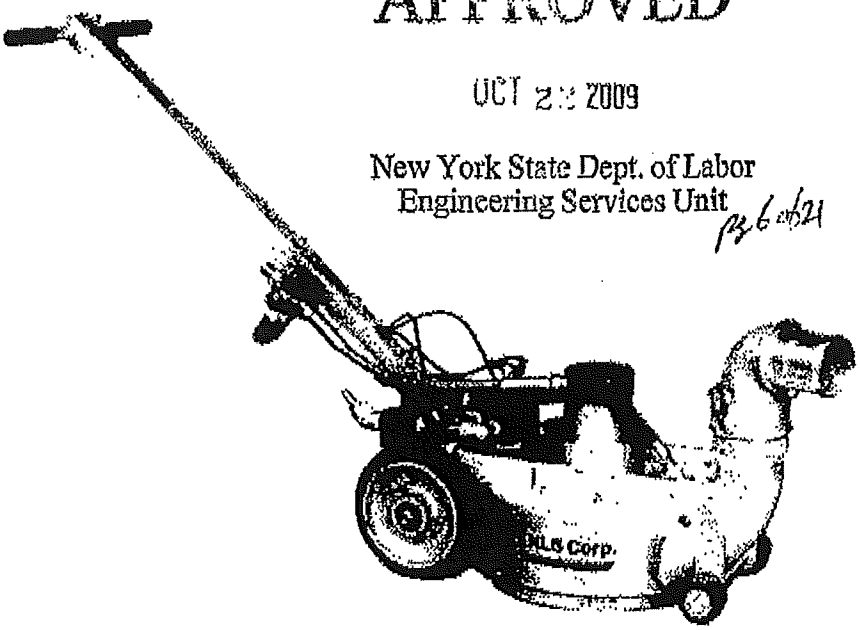
Model No. 36-9950-15A

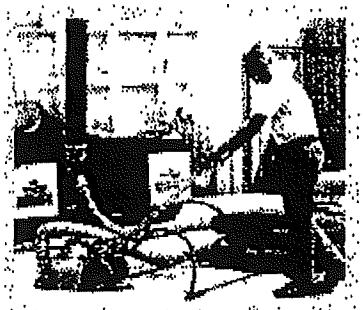
Lightweight Ultra-High Pressure SPIN JET®

APPROVED

OCT 2 2009

New York State Dept. of Labor
Engineering Services Unit





FEATURES:

- Weighs only 138 pounds (62.6 kg).
- Balanced design for ease of maneuverability.
- Handles for easy lifting.
- Aluminum and stainless steel construction.
- Uses up to 11 gpm (42 lpm), 40,000 psi (2,800 bar).
- Barjet® nozzle system with angular adjustment.
- 4" (10.25 cm) vacuum attachment for collection of water and debris.
- 15 inch (38.4 cm) cleaning coverage.

The NLB Model 36-9950-15A lightweight SPINJET ® combines the awesome cleaning power of ultra-high pressure water with the proven technology of our rot ating SPIN JET seals. This compact design weighs only 138 pounds (62.6 kg) and provides the ultimate in maneuverability and ease of operation. With features like a light-weight aluminum body, hard rubber wheels, 15 inch (38.4 cm) Barjet nozzle assembly and vacuum attachment, the 36-9950-15A is the answer to your toughest floor and deck cleaning problems.

Specifications subject to change without notice

THE LEADER IN HIGH-PRESSURE WATER JET TECHNOLOGY

NLB Corp.
Leader in High-Pressure Water Jet Technology

Headquarters
29830 Beck Road
Wixom, MI 48393-2824
(248) 624-5555
FAX: (248) 624-0908
http://www.nlbcorp.com

Regional Offices
159 Harmony Road, Mickleton, NJ 08056
(856) 423-2211 FAX: (856) 423-0997

14302 Highway 44 N., Gonzales, LA 70737
(225) 622-1666 FAX: (225) 622-7366

11606 Spencer Hwy, La Porte, TX 77571
(281) 471-7761 FAX: (281) 471-8738

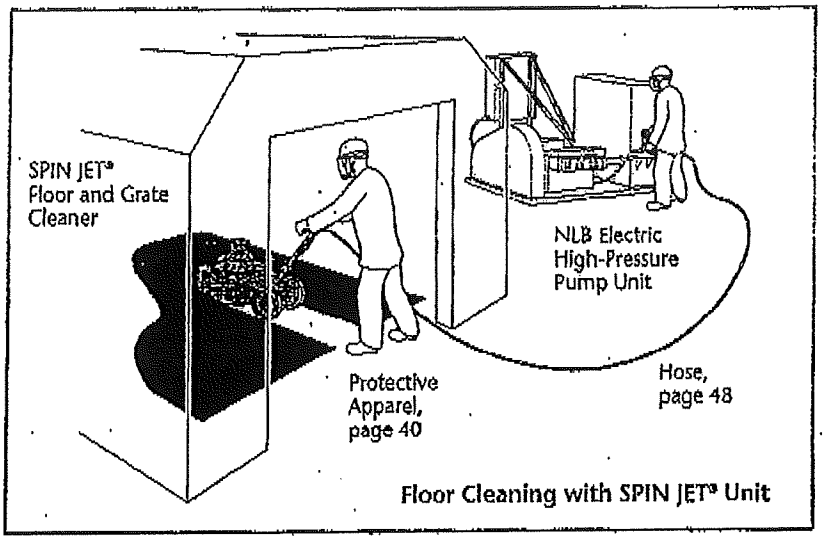
1323 E. Hill St., Signal Hill, CA 90755
(562) 490-3277 FAX: (562)733-0780

SPIN JET®
Floor & Grate Cleaners

NLB's patented SPIN JET® rotating spray systems have proven their ability in the harshest environments and have solved the toughest industrial and commercial cleaning problems. SPIN JET® applications include paint booth grate cleaning, coating removal, highway stripe removal, airport runway rubber removal, surface preparation, concrete scarification, and hydrodemolition.

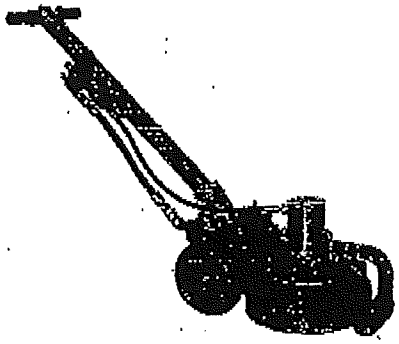
FEATURES/BENEFITS:

- Vacuum recovery available.
- Uses NLB's Barjet™ ultra-high pressure spray bar.
- Fast-acting NLB dump valve (V36-550A), constructed of stainless steel, reduces water pressure to near-zero when in dump position.
- Hard rubber wheels for easy movement over a number of surfaces.
- Air-powered for consistent rotational speed.



Floor Cleaning with SPIN JET® Unit

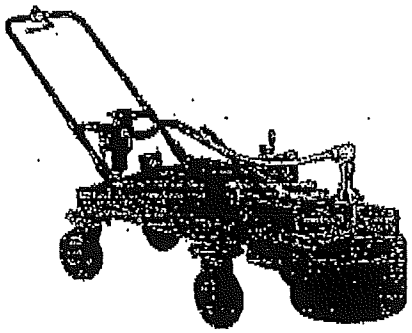
36-9900-15A



- Integral seal and air motor eliminates belt or chain drive.
- Lightweight aluminum construction.
- Balanced design for easy maneuverability.
- Adjustable handle for operator comfort.

Seal Part No.	Discharge Pressure (Max.)	Max. Flow	Rotation Speed	Air	Weight	Width	Nozzles
DRS12481	40,000 psi *(2,800 bar)*	11 gpm *(42 lpm)*	2,000 rpm	65 psi @ 50 cfm *(4.5 bar @ 23.6 l/s)*	120 lbs. *(54.5 kg)*	16" *(41 cm)*	Up to 15

36-8300-15A



- Front-mounted steel enclosure, offset to clean in tight corners.
- Heavy-gauge aluminum frame.
- Adjustable enclosure for cleaning uneven surfaces.

Seal Part No.	Discharge Pressure (Max.)	Max. Flow	Rotation Speed	Air	Weight	Width	Nozzles
DS8800A-1	40,000 psi *(2,800 bar)*	11 gpm *(42 lpm)*	2,500 rpm	90 psi @ 100 cfm *(6.2 bar @ 47.2 l/s)*	315 lbs. *(143 kg)*	23" *(58 cm)*	Up to 16

APPROVED
OCT 22 2009
New York State Dept. of Labor
Engineering Services Unit
Ag 7 of 21

10/27/2009 09:17 518-457-1301 NYS LABOR-ENG. SVCES PAGE 08/22

Image 1 – Equipment Detail – Floor Tool Head

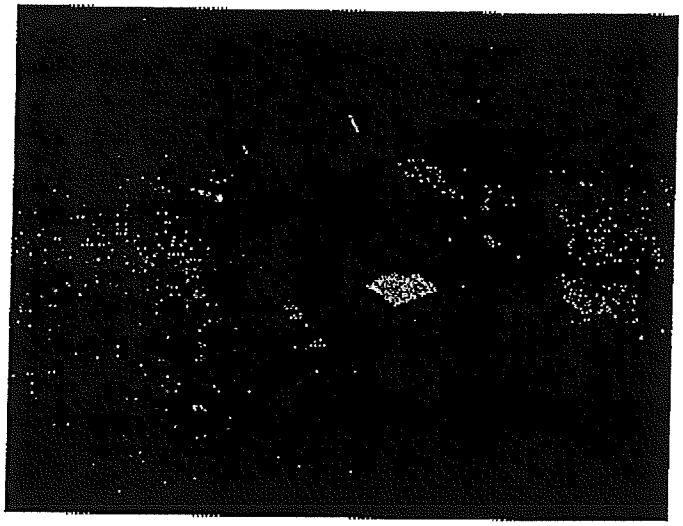


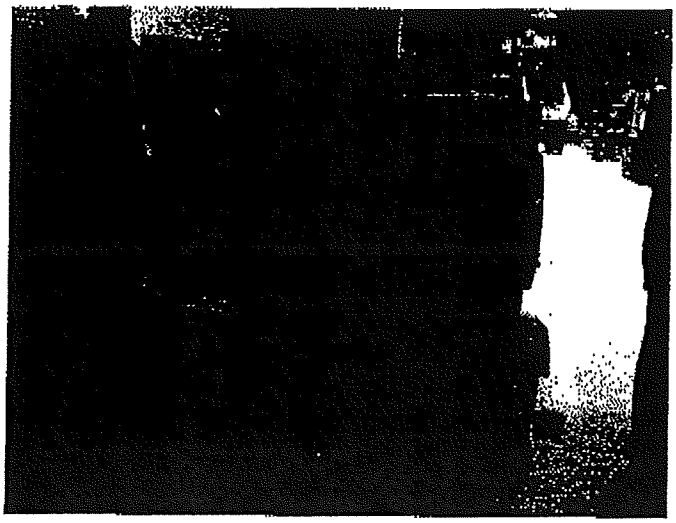
Image 2 – Equipment Detail – Floor Tool Head

APPROVED

OCT 27 2009

New York State Dept. of Labor
Engineering Services Unit

10/27/2009 09:17 518-457-1301 NYS LABOR-ENG. SVCES PAGE 09/22



APPROVED

OCT 21 2009

New York State Dept. of Labor
Engineering Services Unit
PB 9 of 21

Image 3 – Equipment Detail - HEPA Filter Enclosure for Blower Exhaust

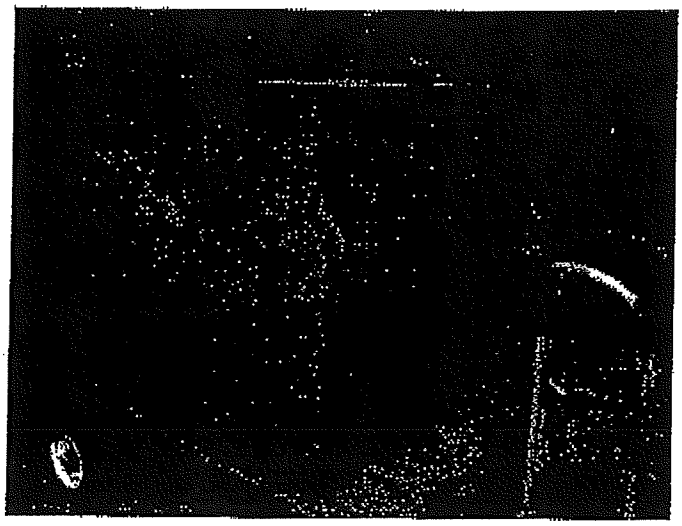


Image 4 – Equipment Detail - HEPA Filter Enclosure for Blower Exhaust

10/27/2009 09:17 518-457-1301 NYS LABOR-ENG. SVCES PAGE 10/22

HFS
PORTABLE SHOWER

FEATURES	BENEFITS
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

SPECIFICATIONS

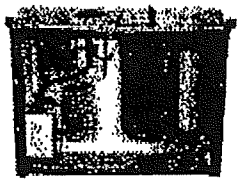
[illegible]

APPROVED

[illegible] 2009

New York State Dept. of Labor
Engineering Services Unit

HF2-2
TWO STAGE FILTRATION SYSTEM



SPECIFICATIONS

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

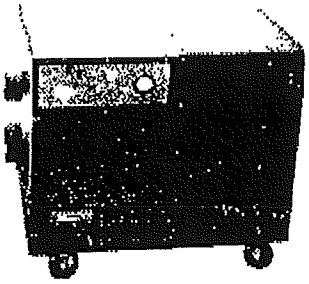
FEATURES	BENEFITS
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

FA2000EC

FEATURES	BENEFITS
• Heavy duty aluminum cabinet	• Lightweight, durable, rust resistant
• Modular control panel and service	• Control panel unplugs for easy removal
• Sealed control box	• Eliminates leakage around gaskets
• HEPA filter is locked in	• Assures a positive seal around HEPA filter
• Four heavy duty swivel casters 2 w/locks	• Provides easy mobility
• Rugged carrying handles	• Provides easy portability

SPECIFICATIONS

Dimensions:	37 1/2" x 66 1/2" x 32 1/2"
Weight	440 lbs
Air Flow:	1575 (high speed)
	1000 (low speed)
Motor:	1 1/2 HP - 2 Speed - high efficient
Power Supply:	115V, 60HZ, 15 Amps
Body	.080 Aluminum
Filters:	Primary: 24" x 24" - 2 ply pad
	Secondary: 24" x 24" - 3 ply rigid panel
	HEPA Filter: 24w x 24 x 11 1/2" (99.97%)



10/27/2009 09:17 518-457-1301 NYS LABOR-ENG. SVCES PAGE 11/22

GENERAL DATA

SPIN JET® MODEL AND SERIAL NUMBER INFORMATION

THE MODEL AND SERIAL NUMBERS ARE THE IDENTIFICATION OF THE MAJOR COMPONENTS. NLB CONTINUOUSLY STRIVES TO IMPROVE EQUIPMENT AS NEW DEVELOPMENTS OCCUR. WITH THE MODEL AND SERIAL NUMBER INFORMATION, THE EXACT CONFIGURATION OF YOUR UNIT CAN BE IDENTIFIED. A STAMPED PLATE IS PERMANENTLY RIVETED TO THE SPIN JET® UNITS. IT IS IMPORTANT THAT WHEN ORDERING REPLACEMENT PARTS FOR EACH UNIT THAT THE MODEL AND SERIAL NUMBERS ARE INCLUDED IN THE ORDER.

APPROVED

[illegible] 2009

New York State Dept. of Labor
Engineering Services Unit

By 11 of 21

© Copyright 1996 NLB Corporation

10/27/2009 09:17 518-457-1301 NYS LABOR-ENG. SVCES PAGE 12/22

DESCRIPTION

THE 36-8300-15A SPIN JET® STRIPE REMOVER IS AN ULTRA HIGH PRESSURE WATER BLASTING ACCESSORY FOR REMOVING PAINT STRIPING WITH A LOW VOLUME OF PRESSURIZED WATER.

THE SPIN JET® UTILIZES A ROTATING NOZZLE BAR HOLDING UP TO 12 NOZZLES. THE ROTATION OF THE NOZZLE PROVIDES A WIDE PATTERN AS THE OPERATOR MOVES THE SPIN JET® OVER THE STRIPING TO BE REMOVED.

NOZZLE ROTATION IS PROVIDED BY AN AIR MOTOR. ROTATIONAL SPEEDS CAN BE ADJUSTED BY INCREASING OR DECREASING THE AIR PRESSURE.

THE SPIN JET® INCORPORATES THE NLB MODEL 8800A-1 36K ULTRA HIGH PRESSURE SWIVEL. THE ROTATING NOZZLE BAR IS SUPPORTED BY TWO HIGH CAPACITY SEALED BALL BEARINGS. THE ENTIRE ROTATING NOZZLE BAR MECHANISM INCLUDING THE ROUND SPRAY ARM ENCLOSURE MAY BE ADJUSTED UP OR DOWN TO SUIT PARTICULAR JOB REQUIREMENTS.

THE SPIN JET® UNIT INCORPORATES A MODEL V36-560 AIR CYLINDER OPERATED PRESSURE DUMP VALVE, CONTROLLED BY A MANUALLY OPERATED VALVE ON THE PUSH HANDLE. ALSO INCLUDED ARE AN AIR FILTER AND AN AIR LUBRICATOR FOR THE AIR MOTOR SUPPLY.

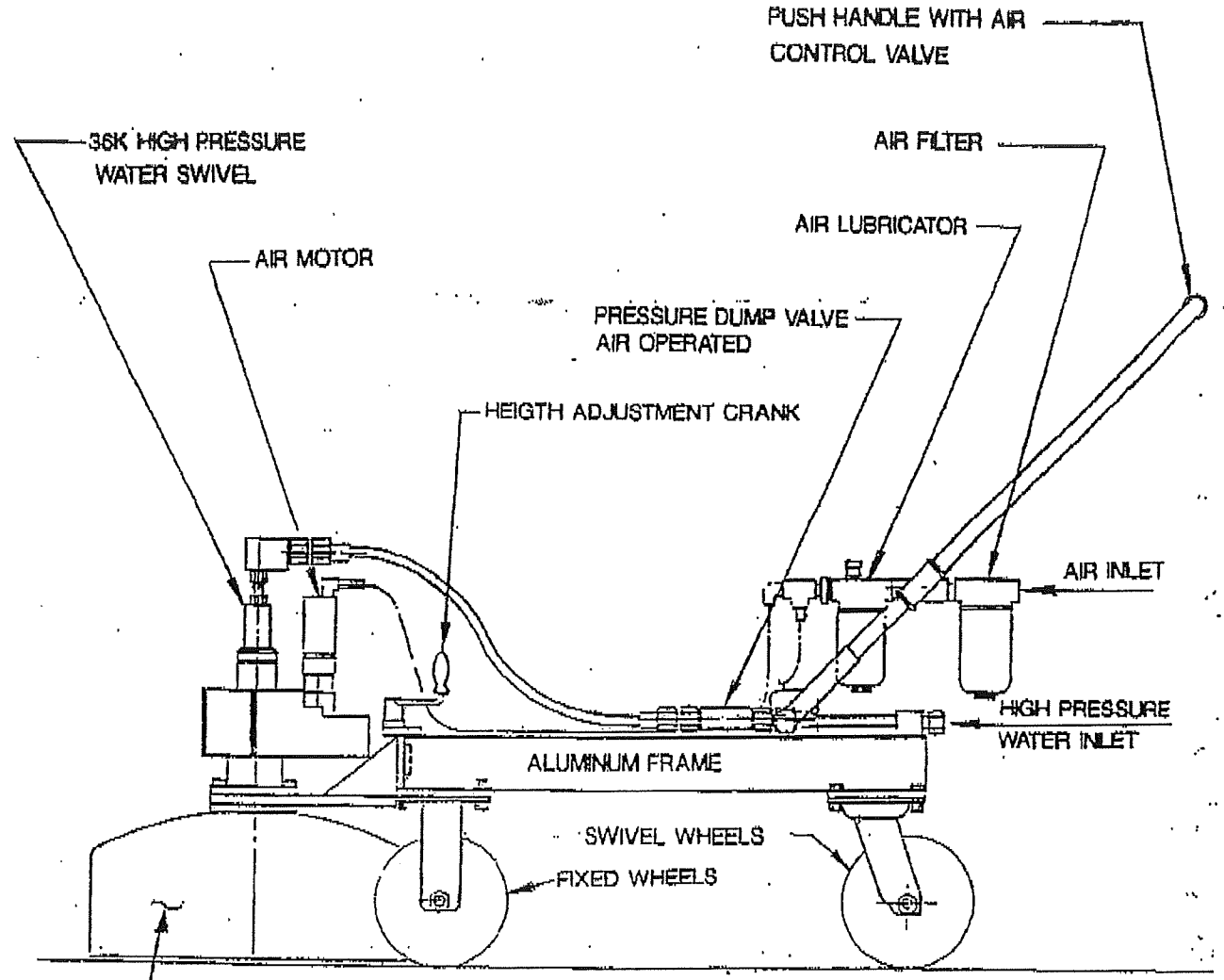
APPROVED

2009

New York State Dept. of Labor
Engineering Services Unit

12 of 21

© Copyright May/1998 NLB Corporation



APPROVED
OCT 16 2009
New York State Dept. of Labor
Engineering Services Unit
pg 13 of 21

GENERAL ARRANGEMENT
MODEL 36-8300-15A SPIN JET
PAINT STRIPE REMOVER

© Copyright 1996 NLB Corporation

PHYSICAL

HEIGHT:	43"	(109.2cm)
WIDTH:	23"	(58.4 cm)
WEIGHT:	275 LB.	(124.8 kg)
FRAME CONSTRUCTION:	WELDED ALUMINUM	
NOZZLE ARM ENCLOSURE:	10 GA. STEEL	
PUSH HANDLE:	STEEL PIPE	
WHEELS:	8" SOLID RUBBER, 2 FIXED-2 SWIVEL	
OPERATING AIR SUPPLY:	90 SCFM AT 100 PSI (AT 3000 RPM ON NOZZLE)	
MIN. AIR SUPPLY HOSE SIZE:	3/4"	
INPUT WATER REQUIREMENT:	8 GPM (20 LITERS) MAX AT 36,000 PSI (2.482.7 BAR)	
INPUT WATER SUPPLY HOSE:	36,000 PSI WORKING PRESSURE 1-1/8"-12	
WATER CONTROL:	AIR OPERATED DUMP VALVE WITH MANUAL AIR CONTROL VALVE	
ROTATING SEAL:	NLB MODEL 8800-1	
NOZZLES:	SAPPHIRE ORIFICE ASSEMBLIES WITH RETAINING GLAND	
NOZZLE QUANTITY:	UP TO 18	
NOZZLE ROTATING SPEED:	3000 RPM MAXIMUM	

APPROVED

New York State Department of Labor
Engineering Services Unit
by 14 of 21

© Copyright May/1998 NLB Corporation

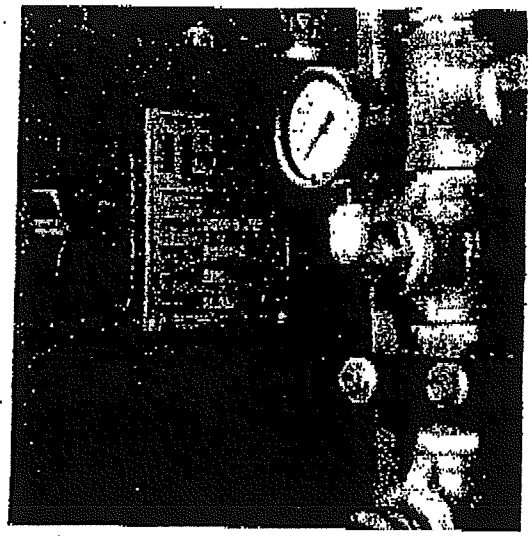
MODEL AND SERIAL NUMBER

THE MODEL AND SERIAL NUMBERS ARE THE IDENTIFICATION OF THE MAJOR COMPONENTS. NLB CONTINUOUSLY STRIVES TO IMPROVE EQUIPMENT AS NEW DEVELOPMENTS OCCUR. WITH THE MODEL AND SERIAL NUMBER INFORMATION, THE EXACT CONFIGURATION OF YOUR UNIT CAN BE DETERMINED. A STAMPED PLATE IS PERMANENTLY RIVETED TO THE HIGH PRESSURE PUMP AND THE ENGINE HOUSING OR CONTROL PANEL. THEY ARE LOCATED AS SHOWN IN THE FOLLOWING PICTURE. IT IS IMPORTANT, WHEN ORDERING REPLACEMENT PARTS FOR EACH UNIT, THAT THE MODEL AND SERIAL NUMBERS BE INCLUDED IN THE ORDER.

APPROVED

OCT 21 2009

New York State Dept. of Labor
Engineering Services Unit
pg 15 of 21



MODEL AND SERIAL NUMBER ON PUMP

© Copyright 1994 NLB Corporation

10/27/2009 09:17 518-457-1301 NYS LABOR-ENG. SVCES PAGE 16/22

FEATURES OF THE PUMP

THE NLB MODEL 36201 PUMP IS A HORIZONTAL, TRIPLEX, PLUNGER-TYPE POWER PUMP WITH A POLY CHAIN BELT DRIVE OR AN OPTIONAL BOLT ON GEAR PAC, FOR DIRECT-CONNECTION (THROUGH A FLEXIBLE COUPLING) TO AN ENGINE.

THE TRIPLEX POWER END IS THE SAME AS USED ON THE NLB 10150, 20150, 20156 AND 30200 PUMPS. THIS DESIGN HAS BEEN PROVEN BY YEARS OF FIELD OPERATION.

THE OPTIONAL GEAR-PAC HAS THE FOLLOWING FEATURES:

A. BOLTS TO A STANDARD POWER END. A SMALLER COUPLING IS REQUIRES THAN FOR AN ENGINE-MONTED GEAR.

B. CAN BE MOUNTED ON THE OPPISITE SIDE OF THE PUMP IF EVER NECESSARY TO REVERSE ROTATION.

C. GEAR AND PINION ARE CROWN-SHAVED, MADE OF FORGED ALLOY STEEL.

D. GEARS HAVE AN AGMA SERVICE FACTOR OF 2.

E. HIGH THERMAL POWER RATING - WILL OPERATE IN AN AMBIENT AIR OF 40° C WITHOUT EXTERNAL COOLING.

THE LIQUID END IS A RUGGED, SIMPLE DESIGN, WITH ADVANCED CONCEPTS FOR HIGH EFFICIENCY, LONG LIFE, AND EASY MAINTENANCE. FEATURES INCLUDE THE FOLLOWING:

A. THE FRAME PLATE BOLTS AND ALIGNS TO THE FACE OF THE POWER FRAME. IT IS THE BACK BONE OF THE LIQUID END. IT SUPPORTS ALL OTHER COMPONENTS OF THE LIQUID END. THE FRAME PLATE IS MADE OF HIGH-GRADE CARBON STEEL AND IS NICKEL-PLATED TO MINIMIZE CORROSION.

B. LIQUID END COMPONENTS ARE RETAINED BY HIGH STRENGTH STEEL BOLTING THAT THREADS INTO THE CARBON STEEL FRAME PLATE. EXCEPT FOR THE SUCTION AND DISCHARGE CONNECTIONS, THERE ARE NO THREADS IN ANY OF THE STAINLESS STEEL PARTS, MINIMIZING THE POSSIBILITY OF GALLING THE STAINLESS STEEL.

C. ALL PRESSURE-CONTAINING PARTS ARE MADE OF HIGH-STRENGTH STAINLESS STEEL, CERTIFIED FOR CHEMICAL AND PHYSICAL PROPERTIES.

D. THE MANIFOLD IS SEPARATED FROM THE AREAS OF THE LIQUID END EXPOSED TO FULL PRESSURE EXCURSIONS. (IT SEES A STEADY DISCHARGE PRESSURE IN THE DISCHARGE PORT AND A STEADY SUCTION PRESSURE IN THE SUCTION PORT.)

APPROVED

OCT 21 2009

New York State Dept. of Labor
Engineering Services Unit

11 of 21

© Copyright April/1998 NLB Corporation

10/27/2009 09:17 518-457-1301 NYS LABOR-ENG. SVCES PAGE 17/22

E. THE VALVE SEATS CLAMP BETWEEN THE MANIFOLD AND THE PRESSURE SLEEVES.

F. THE SUCTION AND DISCHARGE VALVES ARE CONCENTRIC. THE SUCTION VALVE IS A DISC-TYPE VALVE. THE DISCHARGE VALVE IS A BEVEL-SEAT WING-GUIDED VALVE.

G. O-RINGS ARE USED ONLY ON THE PUMP MANIFOLD. THEY ARE EXPOSED TO STEADY PRESSURES ONLY.

H. A RAISED METAL-TO-METAL SEALING FACE IS PROVIDED AT EACH END OF THE PRESSURE SLEEVE. THESE SEALS ARE THE ONLY STATIC SEALS EXPOSED TO THE FULL PRESSURE EXCURSIONS AS THE PUMP RUNS.

I. THE PACKING CARTRIDGE IS EASILY REMOVED FOR CONVENIENT PACKING REPLACEMENT ON A WORK-BENCH.

J. THE PACKING IS SPRING-LOADED, ELIMINATING REQUIREMENTS FOR ADJUSTMENT. (THERE IS NO GLAND.)

K. THE PLUNGER IS SOLID TUNGSTEN CARBIDE. IT IS CLAMPED AND ALIGNED TO THE CROSSHEAD STUB WITH A NUT AND CIRCULAR SNAP RING.

L. LUBRICATION FOR THE PACKING IS PROVIDED ON THE ATMOSPHERIC SIDE, FROM A MECHANICAL LUBRICATOR DRIVEN FROM THE END OF THE PUMP CRANKSHAFT.

M. THE OIL FLOWS THROUGH CLEAR TUBES TO THE PACKING, ALLOWING VISUAL MONITORING OF THE FLOW. THE SMALL-DIAMETER TUBES FILL QUICKLY DURING INITIAL OPERATION, AND THE SMALL COPPER TUBE, AT THE FLANGE, INHIBITS LOSS OF OIL FROM THE TUBE DURING IDLE PERIODS. WATER SPRAY ON THE PLUNGERS IS NOT REQUIRED, MINIMIZING DISPOSAL REQUIREMENTS.

APPROVED

OCT 2 2009

New York State Dept. of Labor
Engineering Services Unit
by 17 of 21

© Copyright 1994 NLB Corporation

10/27/2009 09:17 518-457-1301 NYS LABOR-ENG. SVCES PAGE 18/22

FEATURES OF THE SYSTEM

THE SYSTEM IS DESIGNED TO LENGTHEN THE LIFE OF BOTH PUMP COMPONENTS AND SYSTEM COMPONENTS. FEATURES INCLUDE:

A. A WATER TANK AT ATMOSPHERIC PRESSURE. THIS ALLOWS MUCH OF THE DISSOLVED AIR TO FLASH OUT OF SOLUTION AND SEPARATE FROM THE WATER. (DISSOLVED AND ENTRAINED AIR CAUSE SERIOUS PROBLEMS WITH RECIPROCATING PUMPS.)

B. A LOW-WATER-LEVEL SHUT-DOWN SWITCH TO STOP THE ENGINE IF THE WATER DROPS TO A LOW LEVEL.

C. TANDEM INLET FILTER: A 10 MICRON FILTER IN SERIES WITH A SIX MICRON FILTER. (SOLIDS SHORTEN THE LIVES OF MANY SYSTEM COMPONENTS - ESPECIALLY PUMP PACKING AND PLUNGERS.)

D. A CENTRIFUGAL CHARGING PUMP WHICH:

1. IS DRIVEN FROM THE INPUT SHAFT. (IT RUNS ONLY WHEN THE POWER PUMP RUNS.)

2. PROVIDES A POSITIVE SUCTION PRESSURE TO THE POWER PUMP.

3. MAKES PRIMING EASY. IT QUICKLY FILLS THE POWER PUMP AND DISCHARGE SYSTEM.

E. A CLEAR, FLEXIBLE HOSE BETWEEN THE CENTRIFUGAL AND POWER PUMP WHICH

1. ENABLES THE OPERATOR TO SEE THE WATER FLOWING INTO THE POWER PUMP.

2. ABSORBS PULSES FROM THE POWER PUMP, SO THAT THE CENTRIFUGAL PUMP AND GAUGE ARE EXPOSED TO MINIMAL PULSATIONS.

F. AN ACOUSTIC TYPE (NO MOVING PARTS) DISCHARGE PULSATION DAMPENER WHICH REDUCES THE POWER PUMP DISCHARGE PULSE. THIS REDUCES STRESSES ON BOTH THE PUMP AND DISCHARGE SYSTEM.

G. A REMOTELY MOUNTED ACCESSORY MANIFOLD WHICH CONTAINS THE DISCHARGE GAUGE, RUPTURE DISC, AND CONNECTIONS FOR THE BY-PASS VALVE AND DISCHARGE HOSE. MOUNTING THIS MANIFOLD DOWNSTREAM OF THE PULSATION DAMPENER EXTENDS THE LIVES OF THE AUXILIARY EQUIPMENT.

H. A LIQUID-FILLED DISCHARGE PRESSURE GAUGE.

I. AN OIL-DAMPED BY-PASS VALVE.

J. TWO RUPTURE DISCS: ONE AT THE PUMP AND ONE AT THE ACCESSORIES MANIFOLD.

APPROVED

© Copyright 1994 NLB Corporation

OCT 27 2009

New York State Dept. of Labor

10/27/2009 09:17 518-457-1301 NYS LABOR-ENG. SVCES PAGE 19/22

SPECIFICATIONS AND RATINGS

LIQUID END **PLUNGER DIA 0.660" (16.7MM)**

STROKE LENGTH:	4.25 INCHES (10.8 CM)
MAXIMUM WORKING PRESSURE (PSI)	36,000 (2,482.7 BAR)
DISPLACEMENT (US GPM)	6.0 (22.7 LPM)
VOLUMETRIC EFFICIENCY AT MAXIMUM PRESSURE	90%
MAXIMUM OPERATING TEMPERATURE (OF WATER)	100°F (38°C)
MINIMUM REQUIRED SUCTION PRESSURE (PSIG)	30 (2.1 BAR)
CONNECTIONS	
SUCTION:	1/2" NPT
DISCHARGE:	9/16" 60,000 PSI (4,137.9 BAR)
MATERIALS OF CONSTRUCTION, ALL WETTED PARTS:	STAINLESS STEEL
PACKING:	SQUARE -RING SEALS
PACKING LUBRICATION:	ATMOSPHERIC-PRESSURE OIL FROM MECHANICAL LUBRICATOR
OPTIONAL GEAR-PAC RATIO:	7.16:1

APPROVED

OCT 8 - 2009

New York State Department of Environmental Conservation

pg 19 of 21

© Copyright October/1998 NLB Corporation

10/27/2009 09:17 518-457-1301 NYS LABOR-ENG. SVCES PAGE 20/22

GUZZLER

APPROVED

Pg 20 of 21

Specifications and Options

Standard Specifications
- Allison Series Replacement Transmission, with Retarder
- Hydraulic Modulating Transmission Oil Cooler
- Hydraulic Emergency Hand Pump Reservoir
- Maintenance Uniform 3,000 (9,000 km) Oil Change Interval
- Rear Axle and Planetary Assembly 2,500 (4,000 km) Oil Change Interval
- Drive Shaft Guards over Cross Joints
- Centralized, Enclosed, Splined Speed Sensors for Transmission Transducer, Steering Transducer and Left Front Wheel Speed Sensor (ABS), Electronic Shields
- Hydraulic Variable Volume Axial Piston Pump for Hydraulic Implement System, Pressure Compensated, Load Sensing, Flow Sharing, with Hydraulic Implement Reservoir, Suction Strainer, Return Line Filter, Sight Gauge and Thermometer

Power Train
- Cummins M11 Engine
- Radiator
- Hydraulic Fan Drive
- Direct 24 V Electric Starting System
- Electronic Individually-grounded and Fused Circuits supplied by Individual Batteries and Isolated Battery Junction with Fusible Interconnects
- Fiberglass – All Weather Construction
- Dry Type Double Elements Air Cleaner
- Second Stage, Dual Explosion Chambers, with Automatic Dust Ejection Chamber Purge
- Sound Suppression System
- Sight Gauge, Dual Explosion Chambers, with Automatic Dust Ejection Chamber Purge
- Heavy-duty Maintenance Free Batteries, High-performance, Maximum Oil Capacity, Sealed Design, Maximum Cranking Power, Rated at 1,000 CCA, Mounted in Battery Box with Hold-down Clamp
- Hydraulic Implement Reservoir, Suction Strainer, Return Line Filter, Sight Gauge and Thermometer

Operator Environment
- Sound Suppression System
- Tilt Steering Column
- Electronic Monitoring System
- Heavy-duty Suspension Seat
- Rear View Mirrors
- Windshield Wipers
- Windshield Washer
- Dome Light
- Cigar Lighter
- Floor Mat
- Lockable Hood Doors
- Lockable Battery Box Doors
- Lockable Service Doors

Brakes
- Air Brakes, Dual Circuit, Full Power
- Parking Brake
- Brake Lining Wear Indicators
- Brake Lining Wear Sensors
- Automatic Slack Adjusters
- Air Dryer
- Spring Brake Actuators on Rear Axles
- Brake Actuators with Long Stroke Capability
- Brake Actuators with Clevis Mounting
- Brake Actuators with Quick Release Valves
- Brake Actuators with Double Check Valves
- Brake Actuators with Relay Valves
- Brake Actuators with Tractor Protection Valve
- Brake Actuators with Moisture Ejector Valve
- Brake Actuators with Air Tank Drain Valves
- Brake Actuators with Air Tank Pressure Gauge
- Brake Actuators with Air Tank Safety Valve
- Brake Actuators with Air Tank Low Pressure Warning Light
- Brake Actuators with Air Tank Low Pressure Warning Buzzer
- Brake Actuators with Air Tank Low Pressure Warning Switch
- Brake Actuators with Air Tank Low Pressure Warning Valve
- Brake Actuators with Air Tank Low Pressure Warning Gauge
- Brake Actuators with Air Tank Low Pressure Warning Light
- Brake Actuators with Air Tank Low Pressure Warning Buzzer
- Brake Actuators with Air Tank Low Pressure Warning Switch
- Brake Actuators with Air Tank Low Pressure Warning Valve
- Brake Actuators with Air Tank Low Pressure Warning Gauge

Options
- Air Conditioning System
- Heater
- Defroster
- Windshield Washer
- Windshield Wipers
- Windshield Washer
- Dome Light
- Cigar Lighter
- Floor Mat
- Lockable Hood Doors
- Lockable Battery Box Doors
- Lockable Service Doors

Warranty
- Warranty Information

Your Guzzler representative is:

GUZZLER

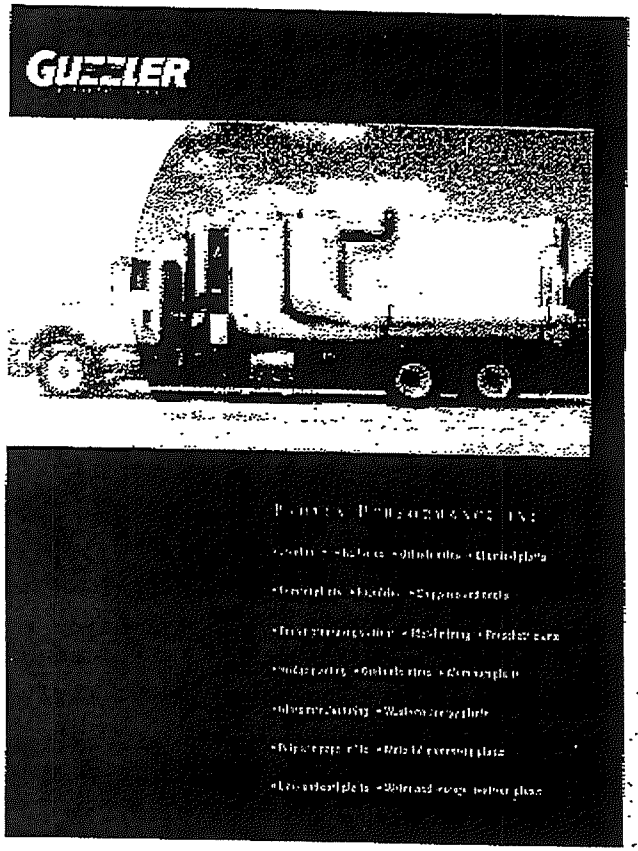
Guzzler Manufacturing, Inc.
P.O. Box 1000
Guzzler, TX 75000
(800) 555-1234

THE MOST REPUTED TRANSMISSION.

The Guzzler ACE is different, than other makes; you're not stuck with one configuration. You can specify the right performance for your application, with a high-performance ACE system if you like, and then add just about any refuse body system, chassis or specialized component you'd like. The result is an ACE, built for your application.

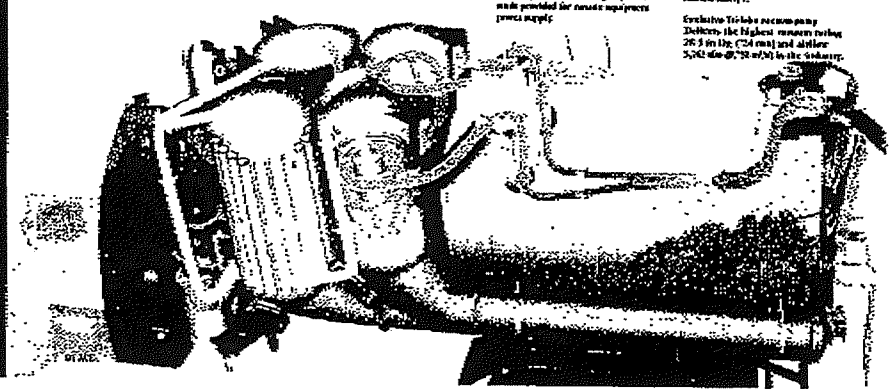
Here's more, the ACE modular design:

- Reduces your maintenance costs and downtime – our built-in filtration components are easier to maintain, replace and refurbish.
- Is cooler for your cars in operation – heat-resistant air cans on every model
- Simplifies your inventory and service – maximum parts are used across the entire fleet.



Guzzler ACE Vacuum Loaders

Superior Design from the World Leader in Vacuum Solutions



Continuous

Batch

New York State Dept. of Labor
Engineering Services Unit
09/21/21
OCT 2 2009
APPROVED

STATE OF NEW YORK
DEPARTMENT OF LABOR
www.labor.state.ny.us

DATE: 10/27/09

DELIVER TO:

Name: Robert Barr

Office:

Location:

Floor: **Room:**

Phone No: **Fax No:** (716) 408-9567

FROM:

Name: Melissa Schmiedeskoff

Office: Engineering Services

Location: Bldg 12 Room 159, State Campus, Albany, NY 12240

Phone No: 518-457-1536

Fax No: 518-457-1301

COMMENTS:

NUMBER OF PAGES BEING TRANSMITTED: 22 **(including cover sheet)**

This communication is intended only for the use of the named addressee and may contain information which is privileged, confidential and/or exempt from disclosure under applicable law. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you receive this communication in error, please notify me immediately by telephone to arrange the immediate return of the communication.

FIFTY-SIX services, inc. environmental and demolition consulting

16 October 2009

Christopher Alonge, P.E.
Engineering Services Unit
New York State Department of Labor
W.Averell Harriman State Office Campus Bldg. 12 Rm 154
1112 South Avenue
Albany NY 12240

APPROVED

OCT 22 2009

New York State Dept. of Labor
Engineering Services Unit

RE: **Midtown Plaza – Mall and Tower Variance Application Amendment – 09-0796**

pg 1 of 21

Dear Mr. Alonge,

With respect to the above mentioned variance, we submit the following additional information to be considered with the amendment to the original application:

- In the approved variance (Number 09-796) approval is granted for the utilization of bead blasters and solvent cleaning for the removal of the floor mastic materials. We would like to add the utilization of ultra-high pressure water to the list of approved mastic removal technologies. For the utilization of this technology, the following activities will occur:
  - A remote enclosure system will be constructed to contain the vacuum recovery system and water treatment unit. This enclosure will be located at ground level and will have an attached personal and waste decontamination system. It is expected to construct this enclosure system with wood framing and ~~2~~ 4 layers of flame retardant reinforced plastic sheeting ~~in a tent like structure~~. The remote enclosure system will be placed under negative pressure registering -.02 on a magnahelic gauge.
  - The vac recovery system will be HEPA filtered at the blower exhaust.
  - The ultra high pressure floor tool head will be attached to the pump and the vac recovery system in the designated regulated abatement work area. The pump will be engaged to allow for 36,000psi of water pressure to be sent to the working head. The working head is a shrouded blast head that has the HEPA filtered vac recovery system attached. As the floor is blasted and cleaned, the vac recovery system will capture and convey (via enclosed negative pressure pipe) all the generated waste to the remote enclosure housing the vac recovery system. Liquid phase waste will be filtered to 5 microns and sent to a sanitary sewer structure, semi solid waste will be made solid by the introduction of kiln dust, concrete or saw dust to allow for packaging and disposal as solid waste material as depicted in the approved variance.
  - Upon completion of the mastic removal activities, the interior of the vac recovery system will have all filters removed and packaged as asbestos waste and all internal components wet wiped, HEPA vacuumed or pressure washed until free of all visible material. Final Airs will be run on the remote enclosure, upon receipt of satisfactory air clearance, the remote containment will be removed and the vac system removed from the site.

As per ICR56 — 10/22/09

Plywood sheathing — 10/22/09

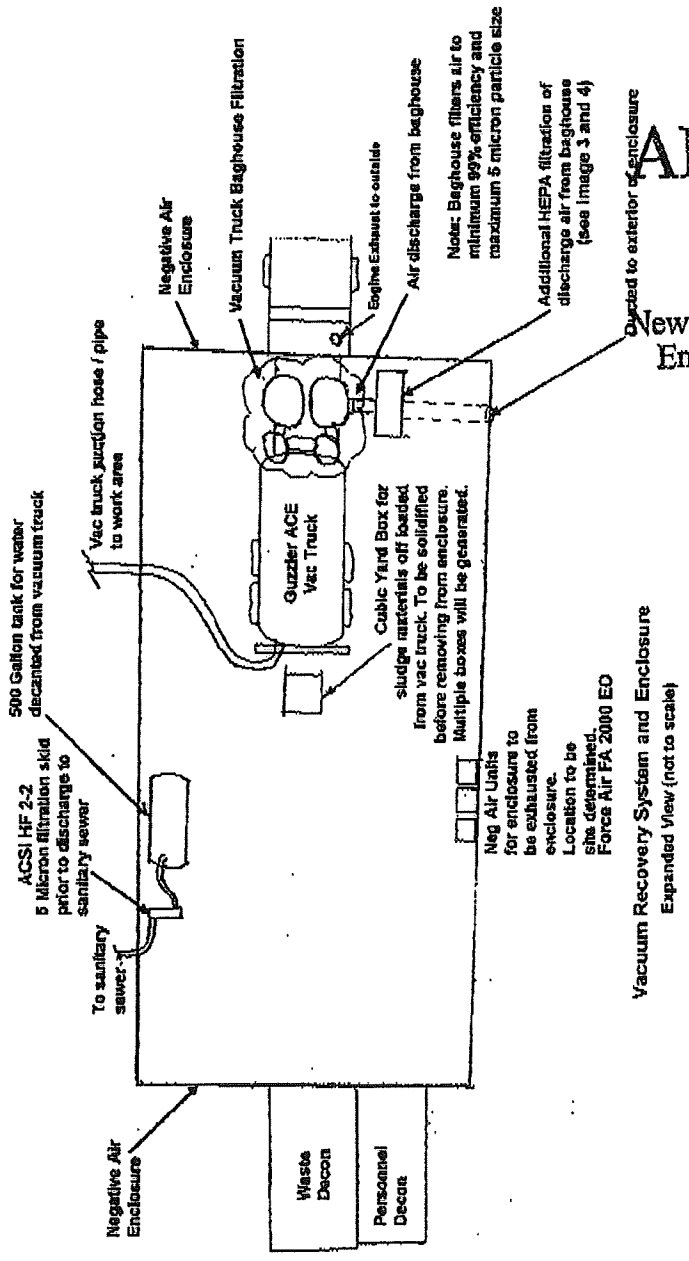
All equipment shall be thoroughly cleaned as per ICR56 — 10/22/09

* Only units equipped by manufacturer with vacuum recovery connection shall be utilized for removals. All manufacturer requirements for operation & maintenance of all system components, shall be followed. — 10/22/09

PO Box 561 – Buffalo, NY 14 213 716.341.8601 (ph) 716.408.9567 (fax)

10/27/2009 09:17 518-457-1301 NYS LABOR-ENG. SVCES PAGE 02/22

- Approved variance also listed clearance air sampling after gross removal of spray-on and again after removal of ACM flooring and mastic. Contractor will perform clearance air samples after completion of removal of all ACM and after final cleaning, drying periods, inspections and clearance as per 12 NYCRR 56.

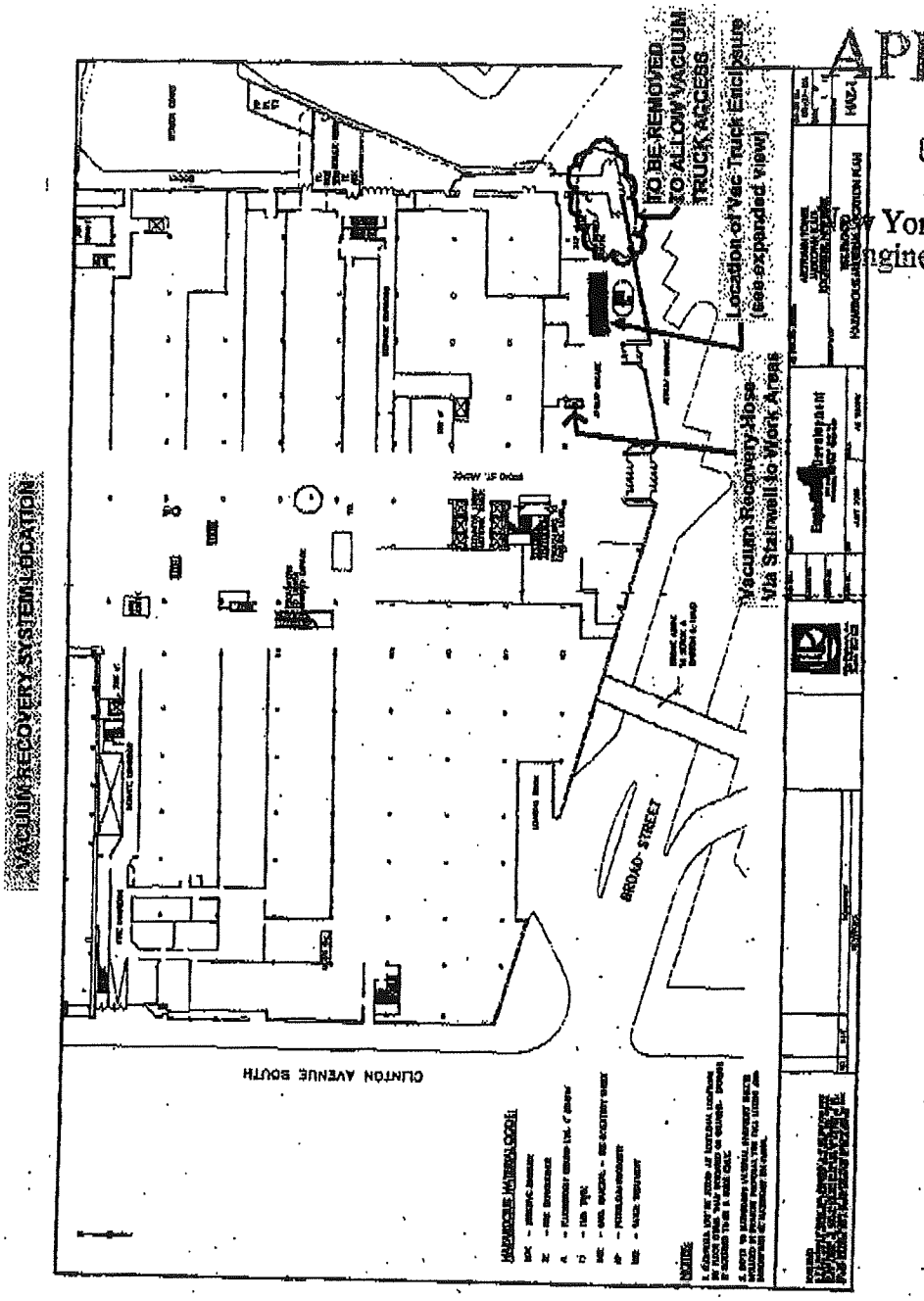


APPROVED

OCT 2[illegible] 2009

New York State Dept. of Labor
Engineering Services Unit
pg 2 of 21

10/27/2009 09:17 518-457-1301 NYS LABOR-ENG. SVCES PAGE 03/22



APPROVED

OCT 22 2009

New York State Dept. of Labor
Engineering Services Unit

193 Lu

10/27/2009 09:17 518-457-1301 NYS LABOR-ENG. SVCES PAGE 04/22

Alonge, Christopher G (LABOR)

From: Robert Barr [rob@56services.com]
Sent: Friday, October 16, 2009 12:24 PM
To: Alonge, Christopher G (LABOR); Alonge, Christopher G (LABOR)
Cc: 'Bill'; Wesolowski, Martin; kreuzerr@liro.com
Subject: Response

APPROVED

OCT 22 2009

New York State Dept. of Labor
Engineering Services Unit

Mr. Alonge,

Additions to submitted letter and responses to your questions:

1. Waste Water Control – Any residual water that does not make it into the unit head and sent via hose directly to vacuum truck will be squeeged and HEPA vacuumed immediately.
2. Enclosure – Unit will be in use for extended period of time – it will be hard walled as per Code Rule 56.
3. Fencing – Unit will be parked inside one of the buildings on this site – with access limited only to NYS DOL licensed individuals. Entire site will be fenced. WITH A MINIMUM OF 8' HIGH TEMPORARY CHAIN-LINK CONSTRUCTION FENCING. THIS FENCING SHALL BE INSTALLED PRIOR TO USE OF THIS SYSTEM *

I also left this information on your voice mail. Please call if you have any questions.

Rob

Robert Barr 716.341.8601
56 [redacted]
PO Box 561 Buffalo, NY 14213 fax 716.408.9567

* ONE WORKER SHALL BE DESIGNATED FOR WASTEWATER CONTROL AT EACH REMOVAL LOCATION & SHALL VACUUM FUGITIVE [redacted] WASTEWATER IMMEDIATELY UPON GENERATION.

10/16/2009

Alonge, Christopher G (LABOR)

From: Robert Barr [rob@56services.com]
Sent: Tuesday, October 20, 2009 3:49 PM
To: Alonge, Christopher G (LABOR); Alonge, Christopher G (LABOR)
Cc: 'Bill'
Subject: Midtown FW: Vac Unit Information

Attachments: 36-9950-15A.pdf; 20091020152218648.pdf

APPROVED

OCT 2 2 2009

New York State Dept. of Labor
Engineering Services Unit
15 5 of 21

36-9950-15A.pdf (83 KB)

20091020152218648.pdf (87 KB)

Mr. Alonge,

Direct from the manufacturer.

Robert Barr
56 Services
716.341.8601

-----Original Message-----
From: Kidd, Rick A [mailto:kiddra@nlbusa.com]
Sent: Tuesday, October 20, 2009 3:25 PM
To: rob@56services.com
Subject: Vac Unit

Attached is the 36-9950-15A curent spin jet with Vac attachment.

> Rick Kidd
> NLB Corp
Customer Service / Technical Support Mgr.
1-800-227-7652 Ext. 184
> Kiddra@nlbusa.com
www.nlbcorp.com

<<36-9950-15A.pdf>> <<20091020152218648.pdf>>

NLB Corp.

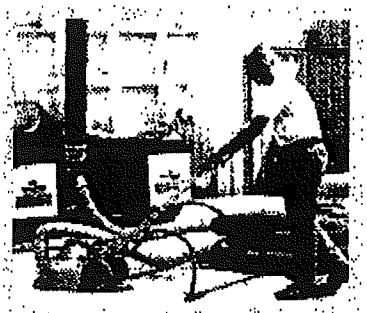
Model No. 36-9950-15A

Lightweight Ultra-High Pressure SPIN JET®

APPROVED

OCT 2? 2009

New York State Dept. of Labor
Engineering Services Unit



FEATURES:

- Weighs only 138 pounds (62.6 kg).
- Balanced design for ease of maneuverability.
- Handles for easy lifting.
- Aluminum and stainless steel construction.
- Uses up to 11 gpm (42 lpm), 40,000 psi (2,800 bar).
- Barjet™ nozzle system with angular adjustment.
- 4" (10.25 cm) vacuum attachment for collection of water and debris.
- 15 inch (38.4 cm) cleaning coverage.

The NLB Model 36-9950-15A lightweight SPINJET ® combines the awesome cleaning power of ultra-high pressure water with the proven technology of our rot ating SPIN JET seals. This compact design weighs only 138 pounds (62.6 kg) and provides the ultimate in maneuverability and ease of operation. With features like a light-weight aluminum body, hard rubber wheels, 15 inch (38.4 cm) Barjet nozzle assembly and vacuum attachment, the 36-9950-15A is the answer to your toughest floor and deck cleaning problems.

Specifications subject to change without notice

THE LEADER IN HIGH-PRESSURE WATER JET TECHNOLOGY

NLB Corp.
The Leader in High-Pressure Water Jet Technology

Headquarters
29830 Beck Road
Wixom, MI 48393-2824
(248) 624-5555
FAX: (248) 624-0908
http://www.nlbcorp.com

Regional Offices

159 Harmony Road, Mickleton, NJ 08056
(856) 423-2211 FAX: (856) 423-0997

14302 Highway 44 N., Gonzales, LA 70737
(225) 622-1666 FAX: (225) 622-7366

11506 Spencer Hwy, La Porte, TX 77571
(281) 471-7761 FAX: (281) 471-8738

1323 E. Hill St., Signal Hill, CA 90755
(562) 490-3277 FAX: (562)733-0780

SPIN JET®
Floor & Grate Cleaners

NLB's patented SPIN JET® rotating spray systems have proven their ability in the harshest environments and have solved the toughest industrial and commercial cleaning problems. SPIN JET® applications include paint booth grate cleaning, coating removal, highway stripe removal, airport runway rubber removal, surface preparation, concrete scarification, and hydrodemolition.

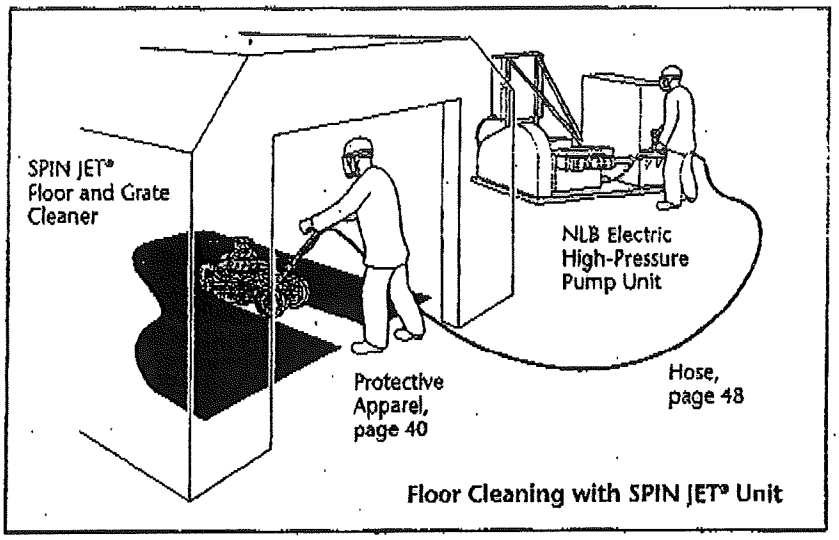
FEATURES/BENEFITS:

- Vacuum recovery available.
- Uses NLB's Barjet™ ultra-high pressure spray bar.
- Fast-acting NLB dump valve (V36-550A), constructed of stainless steel, reduces water pressure to near-zero when in dump position.
- Hard rubber wheels for easy movement over a number of surfaces.
- Air-powered for consistent rotational speed.

APPROVED

OCT 22 2009

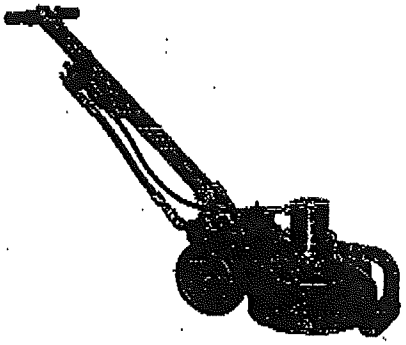
New York State Dept. of Labor
Engineering Services Unit
As 7 of 21



Floor Cleaning with SPIN JET® Unit

36-9900-15A

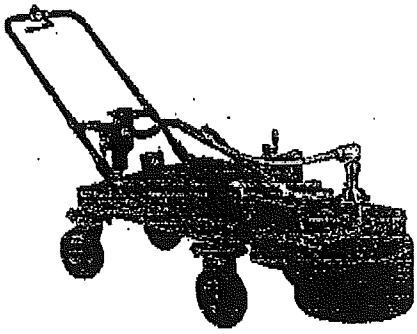
- Integral seal and air motor eliminates belt or chain drive.
- Lightweight aluminum construction.
- Balanced design for easy maneuverability.
- Adjustable handle for operator comfort.



Seal Part No.	Discharge Pressure (Max.)	Max. Flow	Rotation Speed	Air	Weight	Width	Nozzles
DRS12481	40,000 psi *(2,800 bar)*	11 gpm *(42 lpm)*	2,000 rpm	65 psi @ 80 cfm *(4.5 bar @ 23.6 l/s)*	120 lbs. *(54.5 kg)*	16" *(41 cm)*	Up to 15

36-8300-15A

- Front-mounted steel enclosure, offset to clean in tight corners.
- Heavy-gauge aluminum frame.
- Adjustable enclosure for cleaning uneven surfaces.



Seal Part No.	Discharge Pressure (Max.)	Max. Flow	Rotation Speed	Air	Weight	Width	Nozzles
DS8800A-1	40,000 psi *(2,800 bar)*	11 gpm *(42 lpm)*	2,500 rpm	90 psi @ 100 cfm *(6.2 bar @ 47.2 l/s)*	315 lbs. *(143 kg)*	23" *(58 cm)*	Up to 16

10/27/2009 09:17 518-457-1301 NYS LABOR-ENG. SVCES PAGE 08/22

Image 1 – Equipment Detail – Floor Tool Head

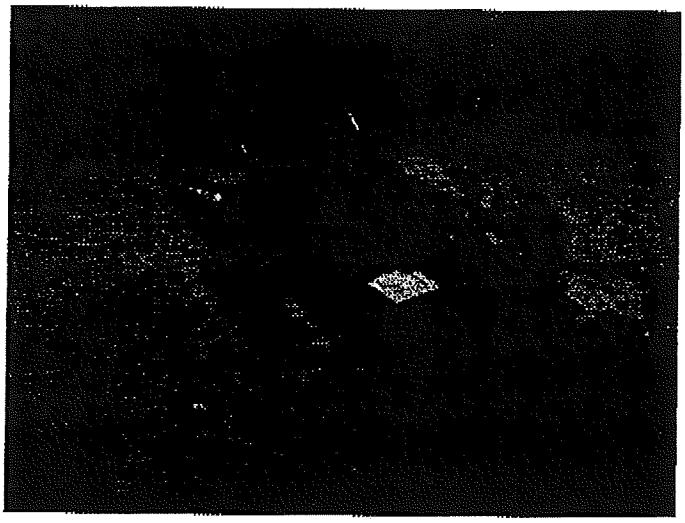


Image 2 – Equipment Detail – Floor Tool Head

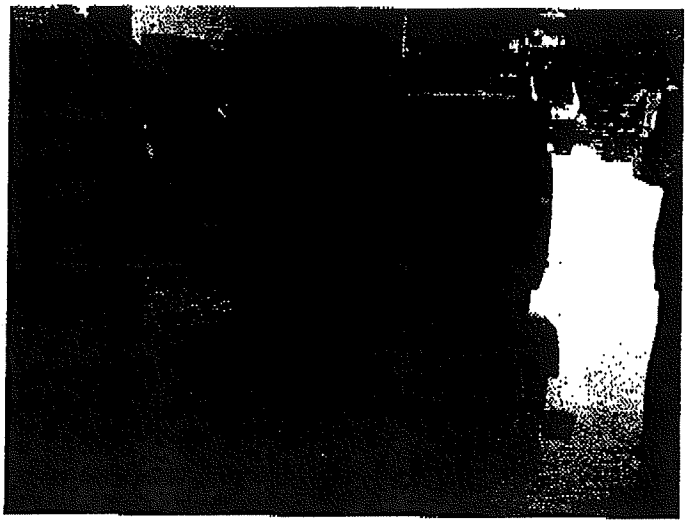
APPROVED

OCT 2 8 2009

New York State Dept. of Labor
Engineering Services Unit

pg 8 of 21

10/27/2009 09:17 518-457-1301 NYS LABOR-ENG. SVCES PAGE 09/22



APPROVED

OCT 2[illegible] 2009

New York State Dept. of Labor
Engineering Services Unit
pg 9 of 21

Image 3 – Equipment Detail - HEPA Filter Enclosure for Blower Exhaust

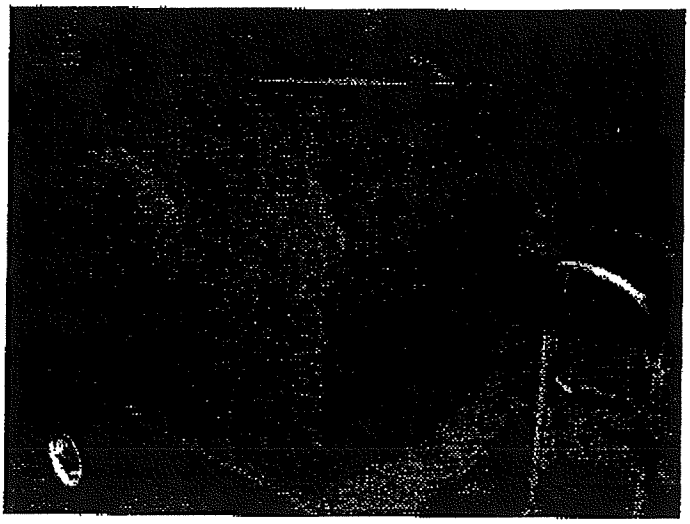


Image 4 – Equipment Detail - HEPA Filter Enclosure for Blower Exhaust

10/27/2009 09:17 518-457-1301 NYS LABOR-ENG. SVCES PAGE 10/22

HFS
PORTABLE SHOWER

FEATURES	BENEFITS
• [illegible]	• [illegible]
• [illegible]	• [illegible]
• [illegible]	• [illegible]
• [illegible]	• [illegible]
• [illegible]	• [illegible]
• [illegible]	• [illegible]
• [illegible]	• [illegible]
• [illegible]	• [illegible]
• [illegible]	• [illegible]

SPECIFICATIONS

[illegible]

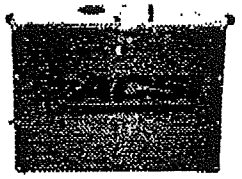
APPROVED

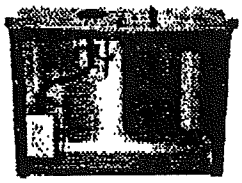
[illegible] 2009

New York State Dept. of Labor
Engineering Services Unit

4/10/21

HF2-2
TWO STAGE FILTRATION SYSTEM





SPECIFICATIONS

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

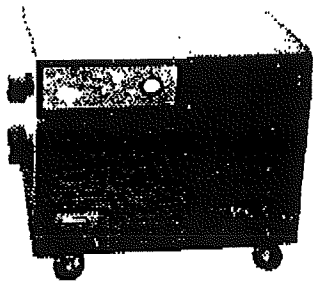
FEATURES	BENEFITS
• [illegible]	• [illegible]
• [illegible]	• [illegible]
• [illegible]	• [illegible]
• [illegible]	• [illegible]
• [illegible]	• [illegible]
• [illegible]	• [illegible]
• [illegible]	• [illegible]

FA2000EC

FEATURES	BENEFITS
• Heavy duty aluminum cabinet	• Lightweight, durable rust resistant
• Modular control panel and service	• Control panel unplugs for easy removal
• Sealed control box	• Eliminates leakage around gaskets
• HEPA filter is locked in	• Assures a positive seal around HEPA filter
• Four heavy duty swivel casters 2 w/locks	• Provides easy mobility
• Rugged carrying handles	• Provides easy portability

SPECIFICATIONS

Dimensions:	37 1/2" x 26 1/2" x 32 1/2"
Weight	140 lbs
Air Flow:	1375 (high speed)
	1000 (low speed)
Motor:	1 1/2 HP - 2 Speed - high efficient
Power Supply:	115V, 60HZ, 15 Amps
Body	080 Aluminum
Filters:	Prefilter: 24" x 24" - 2 ply pad
	Secondary: 24" x 24" - 3 ply rigid panel
	HEPA Filter: 24w x 24 x 11 1/2" (99.97%)



10/27/2009 09:17 518-457-1301 NYS LABOR-ENG. SVCES PAGE 11/22

GENERAL DATA

SPIN JET® MODEL AND SERIAL NUMBER INFORMATION

THE MODEL AND SERIAL NUMBERS ARE THE IDENTIFICATION OF THE MAJOR COMPONENTS. NLB CONTINUOUSLY STRIVES TO IMPROVE EQUIPMENT AS NEW DEVELOPMENTS OCCUR. WITH THE MODEL AND SERIAL NUMBER INFORMATION, THE EXACT CONFIGURATION OF YOUR UNIT CAN BE IDENTIFIED. A STAMPED PLATE IS PERMANENTLY RIVETED TO THE SPIN JET® UNITS. IT IS IMPORTANT THAT WHEN ORDERING REPLACEMENT PARTS FOR EACH UNIT THAT THE MODEL AND SERIAL NUMBERS ARE INCLUDED IN THE ORDER.

APPROVED

[illegible] 2009

New York State Dept. of Labor
Engineering Services Unit
pg 11 of 21

© Copyright 1996 NLB Corporation

DESCRIPTION

THE 36-8300-15A SPIN JET® STRIPE REMOVER IS AN ULTRA HIGH PRESSURE WATER BLASTING ACCESSORY FOR REMOVING PAINT STRIPING WITH A LOW VOLUME OF PRESSURIZED WATER.

THE SPIN JET® UTILIZES A ROTATING NOZZLE BAR HOLDING UP TO 12 NOZZLES. THE ROTATION OF THE NOZZLE PROVIDES A WIDE PATTERN AS THE OPERATOR MOVES THE SPIN JET® OVER THE STRIPING TO BE REMOVED.

NOZZLE ROTATION IS PROVIDED BY AN AIR MOTOR. ROTATIONAL SPEEDS CAN BE ADJUSTED BY INCREASING OR DECREASING THE AIR PRESSURE.

THE SPIN JET® INCORPORATES THE NLB MODEL 8800A-1 36K ULTRA HIGH PRESSURE SWIVEL. THE ROTATING NOZZLE BAR IS SUPPORTED BY TWO HIGH CAPACITY SEALED BALL BEARINGS. THE ENTIRE ROTATING NOZZLE BAR MECHANISM INCLUDING THE ROUND SPRAY ARM ENCLOSURE MAY BE ADJUSTED UP OR DOWN TO SUIT PARTICULAR JOB REQUIREMENTS.

THE SPIN JET® UNIT INCORPORATES A MODEL V36-560 AIR CYLINDER OPERATED PRESSURE DUMP VALVE, CONTROLLED BY A MANUALLY OPERATED VALVE ON THE PUSH HANDLE. ALSO INCLUDED ARE AN AIR FILTER AND AN AIR LUBRICATOR FOR THE AIR MOTOR SUPPLY.

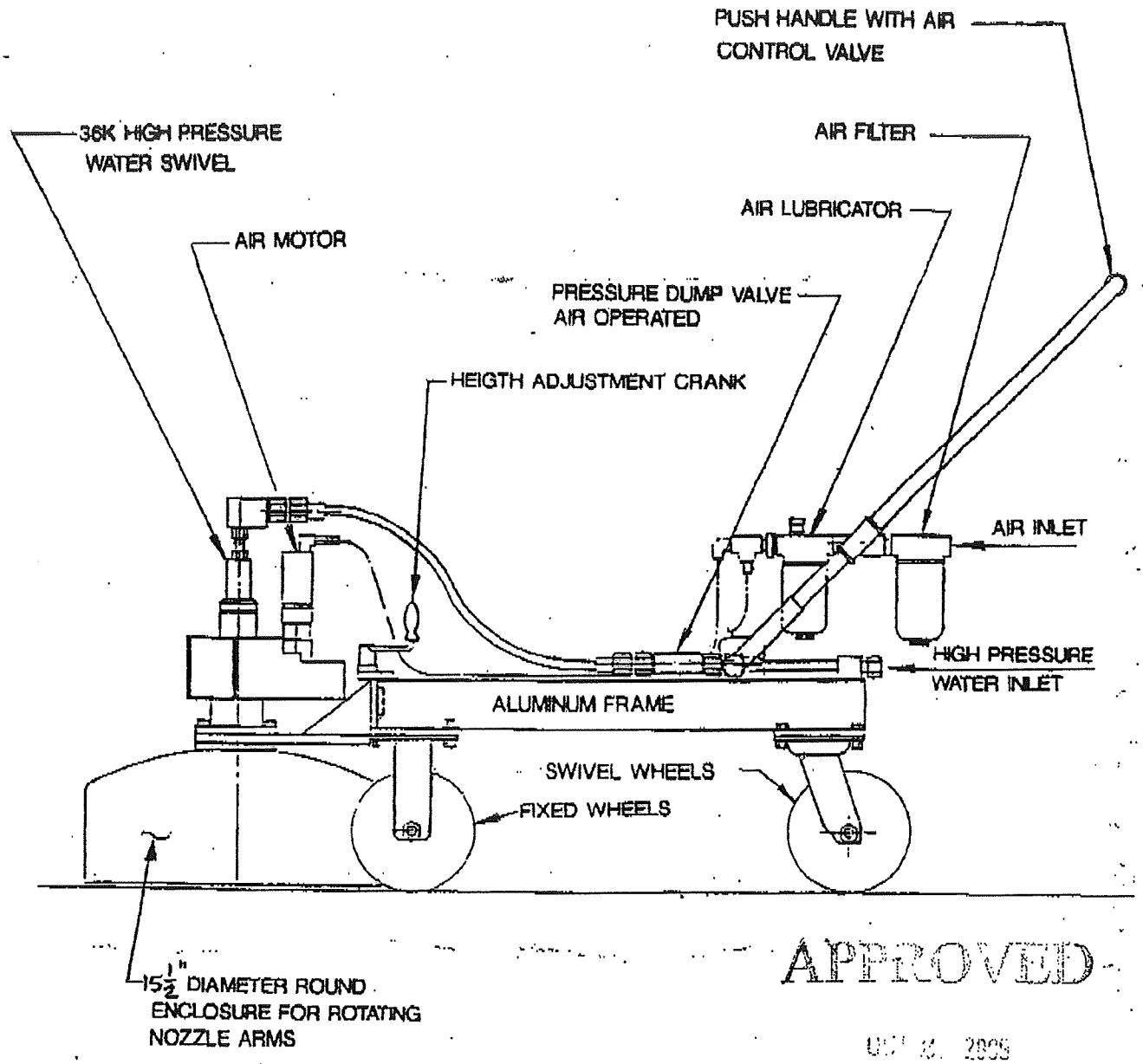
APPROVED

[illegible] 2009

New York State Dept. of Labor
Engineering Services Unit

pg 12 of 21

© Copyright May/1998 NLB Corporation



APPROVED

OCT 16 2009

New York State Dept. of Labor
Engineering Services Unit

pg 13 of 21

GENERAL ARRANGEMENT
MODEL 36-8300-15A SPIN JET
PAINT STRIPE REMOVER

© Copyright 1996 NLB Corporation

PHYSICAL

HEIGHT:	43"	(109.2cm)
WIDTH:	23"	(58.4 cm)
WEIGHT:	275 LB.	(124.8 kg)
FRAME CONSTRUCTION:	WELDED ALUMINUM	
NOZZLE ARM ENCLOSURE:	10 GA. STEEL	
PUSH HANDLE:	STEEL PIPE	
WHEELS:	8" SOLID RUBBER, 2 FIXED-2 SWIVEL	
OPERATING AIR SUPPLY:	90 SCFM AT 100 PSI (AT 3000 RPM ON NOZZLE)	
MIN. AIR SUPPLY HOSE SIZE:	3/4"	
INPUT WATER REQUIREMENT:	8 GPM (20 LITERS) MAX AT 36,000 PSI (2.482.7 BAR)	
INPUT WATER SUPPLY HOSE:	36,000 PSI WORKING PRESSURE 1-1/8"-12	
WATER CONTROL:	AIR OPERATED DUMP VALVE WITH MANUAL AIR CONTROL VALVE	
ROTATING SEAL:	NLB MODEL 8800-1	
NOZZLES:	SAPPHIRE ORIFICE ASSEMBLIES WITH RETAINING GLAND	
NOZZLE QUANTITY:	UP TO 18	
NOZZLE ROTATING SPEED:	3000 RPM MAXIMUM	

APPROVED

New York State Department of Labor
Engineering Services Unit
by 1/4/21

© Copyright May/1998 NLB Corporation

10/27/2009 09:17 518-457-1301 NYS LABOR-ENG. SVCES PAGE 15/22

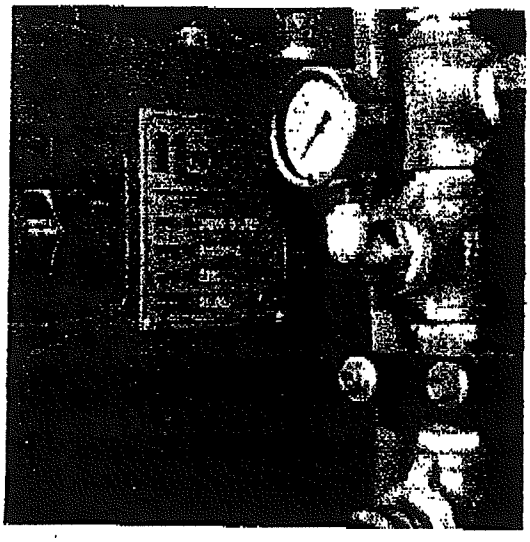
MODEL AND SERIAL NUMBER

THE MODEL AND SERIAL NUMBERS ARE THE IDENTIFICATION OF THE MAJOR COMPONENTS. NLB CONTINUOUSLY STRIVES TO IMPROVE EQUIPMENT AS NEW DEVELOPMENTS OCCUR. WITH THE MODEL AND SERIAL NUMBER INFORMATION, THE EXACT CONFIGURATION OF YOUR UNIT CAN BE DETERMINED. A STAMPED PLATE IS PERMANENTLY RIVETED TO THE HIGH PRESSURE PUMP AND THE ENGINE HOUSING OR CONTROL PANEL. THEY ARE LOCATED AS SHOWN IN THE FOLLOWING PICTURE. IT IS IMPORTANT, WHEN ORDERING REPLACEMENT PARTS FOR EACH UNIT, THAT THE MODEL AND SERIAL NUMBERS BE INCLUDED IN THE ORDER.

APPROVED

OCT 2[illegible] 2009

New York State Dept. of Labor
Engineering Services Unit
pg 15 of 21



MODEL AND SERIAL NUMBER ON PUMP

© Copyright 1994 NLB Corporation

FEATURES OF THE PUMP

THE NLB MODEL 36201 PUMP IS A HORIZONTAL, TRIPLEX, PLUNGER-TYPE POWER PUMP WITH A POLY CHAIN BELT DRIVE OR AN OPTIONAL BOLT ON GEAR PAC, FOR DIRECT-CONNECTION (THROUGH A FLEXIBLE COUPLING) TO AN ENGINE.

THE TRIPLEX POWER END IS THE SAME AS USED ON THE NLB 10150, 20150, 20156 AND 30200 PUMPS. THIS DESIGN HAS BEEN PROVEN BY YEARS OF FIELD OPERATION.

THE OPTIONAL GEAR-PAC HAS THE FOLLOWING FEATURES:

A. BOLTS TO A STANDARD POWER END. A SMALLER COUPLING IS REQUIRES THAN FOR AN ENGINE-MONTED GEAR.

B. CAN BE MOUNTED ON THE OPPISITE SIDE OF THE PUMP IF EVER NECESSARY TO REVERSE ROTATION.

C. GEAR AND PINION ARE CROWN-SHAVED, MADE OF FORGED ALLOY STEEL.

D. GEARS HAVE AN AGMA SERVICE FACTOR OF 2.

E. HIGH THERMAL POWER RATING - WILL OPERATE IN AN AMBIENT AIR OF 40° C WITHOUT EXTERNAL COOLING.

THE LIQUID END IS A RUGGED, SIMPLE DESIGN, WITH ADVANCED CONCEPTS FOR HIGH EFFICIENCY, LONG LIFE, AND EASY MAINTENANCE. FEATURES INCLUDE THE FOLLOWING:

A. THE FRAME PLATE BOLTS AND ALIGNS TO THE FACE OF THE POWER FRAME. IT IS THE BACK BONE OF THE LIQUID END. IT SUPPORTS ALL OTHER COMPONENTS OF THE LIQUID END. THE FRAME PLATE IS MADE OF HIGH-GRADE CARBON STEEL AND IS NICKEL-PLATED TO MINIMIZE CORROSION.

B. LIQUID END COMPONENTS ARE RETAINED BY HIGH STRENGTH STEEL BOLTING THAT THREADS INTO THE CARBON STEEL FRAME PLATE. EXCEPT FOR THE SUCTION AND DISCHARGE CONNECTIONS, THERE ARE NO THREADS IN ANY OF THE STAINLESS STEEL PARTS, MINIMIZING THE POSSIBILITY OF GALLING THE STAINLESS STEEL.

C. ALL PRESSURE-CONTAINING PARTS ARE MADE OF HIGH-STRENGTH STAINLESS STEEL, CERTIFIED FOR CHEMICAL AND PHYSICAL PROPERTIES.

D. THE MANIFOLD IS SEPARATED FROM THE AREAS OF THE LIQUID END EXPOSED TO FULL PRESSURE EXCURSIONS. (IT SEES A STEADY DISCHARGE PRESSURE IN THE DISCHARGE PORT AND A STEADY SUCTION PRESSURE IN THE SUCTION PORT.)

APPROVED

OCT 21 2009

New York State Dept. of Labor
Engineering Services Unit

Pg 16 of 21

© Copyright April/1998 NLB Corporation

10/27/2009 09:17 518-457-1301 NYS LABOR-ENG. SVCES PAGE 17/22

E. THE VALVE EATS CLAMP BETWEEN THE ANIFOLD AND THE PRESSURE SLEEVES.

F. THE SUCTION AND DISCHARGE VALVES ARE CONCENTRIC. THE SUCTION VALVE IS A DISC-TYPE VALVE. THE DISCHARGE VALVE IS A BEVEL-SEAT WING-GUIDED VALVE.

G. O-RINGS ARE USED ONLY ON THE PUMP MANIFOLD. THEY ARE EXPOSED TO STEADY PRESSURES ONLY.

H. A RAISED METAL-TO-METAL SEALING FACE IS PROVIDED AT EACH END OF THE PRESSURE SLEEVE. THESE SEALS ARE THE ONLY STATIC SEALS EXPOSED TO THE FULL PRESSURE EXCURSIONS AS THE PUMP RUNS.

I. THE PACKING CARTRIDGE IS EASILY REMOVED FOR CONVENIENT PACKING REPLACEMENT ON A WORK-BENCH.

J. THE PACKING IS SPRING-LOADED, ELIMINATING REQUIREMENTS FOR ADJUSTMENT. (THERE IS NO GLAND.)

K. THE PLUNGER IS SOLID TUNGSTEN CARBIDE. IT IS CLAMPED AND ALIGNED TO THE CROSSHEAD STUB WITH A NUT AND CIRCULAR SNAP RING.

L. LUBRICATION FOR THE PACKING IS PROVIDED ON THE ATMOSPHERIC SIDE, FROM A MECHANICAL LUBRICATOR DRIVEN FROM THE END OF THE PUMP CRANKSHAFT.

M. THE OIL FLOWS THROUGH CLEAR TUBES TO THE PACKING, ALLOWING VISUAL MONITORING OF THE FLOW. THE SMALL-DIAMETER TUBES FILL QUICKLY DURING INITIAL OPERATION, AND THE SMALL COPPER TUBE, AT THE FLANGE, INHIBITS LOSS OF OIL FROM THE TUBE DURING IDLE PERIODS. WATER SPRAY ON THE PLUNGERS IS NOT REQUIRED, MINIMIZING DISPOSAL REQUIREMENTS.

APPROVED

OCT 2 2009

New York State Dept. of Labor
Engineering Services Unit
pg 17 of 21

© Copyright 1994 NLB Corporation

FEATURES OF THE SYSTEM

THE SYSTEM IS DESIGNED TO LENGTHEN THE LIFE OF BOTH PUMP COMPONENTS AND SYSTEM COMPONENTS. FEATURES INCLUDE:

A. A WATER TANK AT ATMOSPHERIC PRESSURE. THIS ALLOWS MUCH OF THE DISSOLVED AIR TO FLASH OUT OF SOLUTION AND SEPARATE FROM THE WATER. (DISSOLVED AND ENTRAINED AIR CAUSE SERIOUS PROBLEMS WITH RECIPROCATING PUMPS.)

B. A LOW-WATER-LEVEL SHUT-DOWN SWITCH TO STOP THE ENGINE IF THE WATER DROPS TO A LOW LEVEL.

C. TANDEM INLET FILTER: A 10 MICRON FILTER IN SERIES WITH A SIX MICRON FILTER. (SOLIDS SHORTEN THE LIVES OF MANY SYSTEM COMPONENTS - ESPECIALLY PUMP PACKING AND PLUNGERS.)

D. A CENTRIFUGAL CHARGING PUMP WHICH:

1. IS DRIVEN FROM THE INPUT SHAFT. (IT RUNS ONLY WHEN THE POWER PUMP RUNS.)

2. PROVIDES A POSITIVE SUCTION PRESSURE TO THE POWER PUMP.

3. MAKES PRIMING EASY. IT QUICKLY FILLS THE POWER PUMP AND DISCHARGE SYSTEM.

E. A CLEAR, FLEXIBLE HOSE BETWEEN THE CENTRIFUGAL AND POWER PUMP WHICH

1. ENABLES THE OPERATOR TO SEE THE WATER FLOWING INTO THE POWER PUMP.

2. ABSORBS PULSES FROM THE POWER PUMP, SO THAT THE CENTRIFUGAL PUMP AND GAUGE ARE EXPOSED TO MINIMAL PULSATIONS.

F. AN ACOUSTIC TYPE (NO MOVING PARTS) DISCHARGE PULSATION DAMPENER WHICH REDUCES THE POWER PUMP DISCHARGE PULSE. THIS REDUCES STRESSES ON BOTH THE PUMP AND DISCHARGE SYSTEM.

G. A REMOTELY MOUNTED ACCESSORY MANIFOLD WHICH CONTAINS THE DISCHARGE GAUGE, RUPTURE DISC, AND CONNECTIONS FOR THE BY-PASS VALVE AND DISCHARGE HOSE. MOUNTING THIS MANIFOLD DOWNSTREAM OF THE PULSATION DAMPENER EXTENDS THE LIVES OF THE AUXILIARY EQUIPMENT.

H. A LIQUID-FILLED DISCHARGE PRESSURE GAUGE.

I. AN OIL-DAMPED BY-PASS VALVE.

J. TWO RUPTURE DISCS: ONE AT THE PUMP AND ONE AT THE ACCESSORIES MANIFOLD.

APPROVED

OCT 27 2009

New York State Dept. of Labor

By 18421

© Copyright 1994 NLB Corporation

SPECIFICATIONS AND RATINGS

LIQUID END **PLUNGER DIA 0.660" (16.7MM)**

STROKE LENGTH:	4.25 INCHES (10.8 CM)
MAXIMUM WORKING PRESSURE (PSI)	36,000 (2,482.7 BAR)
DISPLACEMENT (US GPM)	6.0 (22.7 LPM)
VOLUMETRIC EFFICIENCY AT MAXIMUM PRESSURE	90%
MAXIMUM OPERATING TEMPERATURE (OF WATER)	100°F (38°C)
MINIMUM REQUIRED SUCTION PRESSURE (PSIG)	30 (2.1 BAR)
CONNECTIONS	
SUCTION:	1/2" NPT
DISCHARGE:	9/16" 60,000 PSI (4,137.9 BAR)
MATERIALS OF CONSTRUCTION, ALL WETTED PARTS:	STAINLESS STEEL
PACKING:	SQUARE -RING SEALS
PACKING LUBRICATION:	ATMOSPHERIC-PRESSURE OIL FROM MECHANICAL LUBRICATOR
OPTIONAL GEAR-PAC RATIO:	7.16:1

APPROVED

OCT 2 - 2009

New York State Department of Labor
Engineering Services Unit

pg 19 of 21

© Copyright October/1998 NLB Corporation

10/27/2009 09:17 518-457-1301 NYS LABOR-ENG. SVCES PAGE 20/22

GUZZLER

APPROVED

By 20 of 21

Specifications and Options

THE MOST REPUTABLE RAVAGERS.

The Guzzler® ACE™ was designed by customers, incorporating the world's leading vacuum loader technologies. Every system and component has been engineered for maximum productivity. The ACE can handle the full spectrum of wet and dry material, from mixture or immiscible laminar. Day in and day out, another dependable job production package with an ACE.

Choosing an ACE is different than other makes; you're even used with new configurations. New start with a high-performance ACE vacuum loader, and then add just about any unloading system. Alternate or specialized components you'd like. The result is an ACE, built for your applications.

What's newer, the ACE crusher design:

- Reduces your maintenance costs and downtime – our hub-on filtration components are easier to maintain, replace and refurbish.
- Is easier for your crew to operate – basic controls are the same on every model.
- Simplifies your inventory and service – minimum parts are used across your entire fleet.

Standard Specifications

- Mercury Duty, 5 Advance
- Radial-ply tubes
- Detachable, Emergency Kit and Tire Sealing system
- Electronic Instrumentation and digital console supplied by a major manufacturer, with multi-function trim.
- Filtration – All Weather Construction
- Cyclonic – Inclosed, hydraulic powered Advance Environmental vacuum blower, compressor, pressure gauge, hydraulic pressure gauge, hydraulic vacuum gauge, Advance vacuum breaker, Advance Hydraulic.
- Hydraulic: Variable volume hydraulic, hydraulic system, pressure gauge, hydraulic vacuum gauge, hydraulic oil cooler, 30 gallon hydraulic reservoir, 30 gallon auxiliary hydraulic pump (pump) advance hydraulic tank.
- Hydraulic Capacity: 16 gal (15 Liters)
- Delivery Hose: 3 in (76.20 mm) ID, 4 in (101.6 mm) OD, 20 ft (6.1 m) long, 3/16 in (4.76 mm) wall thickness, reinforced with 3 layers of high tensile steel wire, 3/16 in (4.76 mm) thick plate with heavy duty reinforcement. Hose data is 20 in (508 mm) long, 3/16 in (4.76 mm) thick plate with heavy duty reinforcement. Hose data is 20 in (508 mm) long, 3/16 in (4.76 mm) thick plate with heavy duty reinforcement.

Power System

- 25 gal (94.6 Liters) diesel tank
- Dual 24 volt batteries
- 2 each 145 hp (108 kW) at 2100 rpm diesel engines
- 4 each 145 hp (108 kW) at 2100 rpm diesel engines
- Electronic governor
- Hydraulic starting system
- Full engine protection
- Work lights

Additional options available. Consult your Guzzler representative for more information.

Warranty

The Guzzler is warranted against defects in materials and workmanship for a period of 12 months from the date of delivery to the original purchaser, under normal use and service, subject to the following conditions:

Your Guzzler representative is:

GUZZLER

Guzzler Manufacturing
Inc. 1000 Guzzler Drive, Streator, Illinois, U.S.A. 61364
Phone: (815) 673-4211 Fax: (815) 673-2720

APPROVED
OCT 28 2009
New York State Dept. of Labor
Engineering Services Unit
08-21421

Daily Logs & Air Data

ENVOY
environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☒ T. TOWNES — Date: 09/02/09 — Job Ticket #: 31266

Building / Location: MIDTOWN TOWER. — Work Area: 11 TH FLOOR — Shift (A) B C

Project Description
E.S.D.C.

Client / Owner (Print Name): E.S.D.C. — Client / Owner Representative (Print Name): MARK SMITH — Client Contact (Print Name):

Abatement Contractor (Print Name): CAMBRIA — Abatement Supervisor (Print Name): MARK DELPANTE. — NYSDOL Asbestos Handling Certificate Number:

Map Completed: Yes ☒ No ☐ — Rotometer Number: 72 — Date of Last Calibration: 07/09

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) ☐

Job Type: Class I ☐ — Class II ☐ — Large ☒ — Small ☐ — Minor ☐

Type of Material: SPRAY-ON, FT/FTM, FIRE DOORS, WPB, MAS, MSP. — Sq/ft — Ln/ft — Project with multiple removals ☒

1st Check 0505 — 2nd Check 0600 — 3rd Check — 4th Check — 5th Check
Time of air sampling pump check

Notes

- ON SITE.
- WEATHER CONDITIONS - 51°. CLEAR.
- CAL. PUMPS AND SET UP @ 0505.
- PUMP CHECK @ 0600.
- PUMP CHECK @ 0700.
- BROKE DOWN PUMPS @ 0735.
- BROUGHT SAMPLES TO 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

Lab Job # 10652-09

09/1078

Job Ticket # 31266

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

E.S.D.C.	09/02/09	MARK SMITH	
Client		**Client Contact**	**Client Contact Phone**
MIDTOWN TOWER	11TH FLOOR	T. TRAMMELS	202-5733
Building/Location	**Work Area**	**Air Technician**	**Air Technician Phone**
CAMBRIA	MARK DELPANTE		
Contractor	**Contractor Contact**	**Fax Results To:**	**Fax #**
72	T82315915 3	SPRAY-ON, FT/FTM, FIRE DOORS, WPB, MPS, MJP.	
Rotometer #	**Cassette Lot #**	**Materials to be Removed**	

10652-09

Project Phase — **Phase IB** ☒ Backgorunds; **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	0510	0510	0509	0505	0508	0506	0511	0506	0506	0507		
End Time Military Time	0740	0740	0739	0735	0738	0741	0741	0736	0736	0737		
Duration (Minutes)	150	150	150	150	150	150	150	150	150	150		
Sample Volume (Liters)	600	600	600	600	600	600	600	600	600	600		

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. *ELAP ID # 10958*

Lab Sample #	73736	737	738	739	740	741	742	743	744	745	746	747
Fibers/100 Fields:	3	3	2.5	1	3.5	4.5	0.5	1.5	3	2.5	0	0
Fibers/cc:	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	NIA	NIA

Samples Relinquished By:	**Date:** 09/02/09
Received in Lab By:	**Date:** 9.2.09
Analyzed By: SH	**Date:** 9-3-09
Microscope Make, Model & #: 221113	**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: ☐
Air Technician: ☒ D. Park

Date: 12/15/04

Job Ticket #: 36425

Building / Location: Midtown Tower

Work Area: @ 11th floor

Shift (A) B C

Project Description

ESDC

Client / Owner (Print Name)

Mark Smith

Client / Owner Representative (Print Name)

Client Contact (Print Name)

Cambria

Abatement Contractor (Print Name)

Mark D.

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

Map Completed

51

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: Spray on. FT/FTM, MAS, MTP

Sq/ft Ln/ft Project with multiple removals ☒

Type of Material

1st Check 0800 2nd Check 1000 3rd Check 1200 4th Check 1700 5th Check 1600

Time of air sampling pump check

Notes

On site @ 0655 / cal all pumps to 3 LPM
Set up pumps beginning @ 0709
Checked pumps throughout day to insure operation - all good
Broke down pumps @ 1704 to sync w/ set up times
Submitted all samples to lab

Air Technician Signature

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

145 Lake Avenue • Rochester, New York 14608 • 585.454.1060 • fax 585.454.1062

PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

Lab Job # 16151-09

09/107B

Job Ticket # 36425 SH 12-16-09

Asbestos Air Monitoring

Chain of Custody

Meets NYCRR 56 amended January 11, 2006

16151-09

Empire State Development Corporation

Client: Midtown Tower	Client Contact: D. Park
Building/Location: Cambria	Work Area: 11th floor
Contractor: SI	Contractor Contact: Bill
Rotometer #	Cassette Lot #
Client Contact Phone: Mark Smith 317 7294	
Air Technician	Air Technician Phone
Fax Results To: See Air Log	Fax #
Materials to be Removed	

Project Phase: △ Phase IB ☐ Backgorunds; ☐ 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 #	0-6	0-7	0-8	0-9	0-10	B-1	D-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	0709	0714	0711	0712	0713							
End Time Military Time	1709	1714	1711	1712	1713							
Duration (Minutes)	600	→	→	→	→							
Sample Volume (Liters)	1800	→	→	→	→							

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ELAP ID # 10958

Lab Sample #	111 6600	6601	6602	6603	6604	6605	6606					
Fibers/100 Fields:	8	overloaded	13	3	2	0	0					
Fibers/cc:	<.01		<.01	<.01	<.01	N/A	N/A					

Samples Relinquished By: D. Park	Date: 12/15/09
Received in Lab By: SH	Date: 12-16-09
Analyzed By: SH	Date: 12-16-09
Microscope Make, Model & #: 22113	Turn-around Time: Immed. 24 Hr. 48 Hr.

Comments: verbals to Dave. SH 12-16-09 2:55pm

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: ☒ D. Park

Date: 12/16/09

Job Ticket #: 36426

Building / Location: Midtown Tower

Work Area: 11th floor

Shift (A) B C

Project Description

ESDC

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Mark S.

Client Contact (Print Name)

Cambria

Abatement Contractor (Print Name)

Mark D.

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

Map Completed

51

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 Spray on, ft/ftm, mas, mjp

Type of Material

Sq/ft Ln/ft Project with multiple removals ☒

1st Check 0800 2nd Check 1000 3rd Check 1200 4th Check 1400 5th Check 1600

Time of air sampling pump check

Notes

On site @ 0645 /cal all pumps to 3cpm
Set up pumps beginning @ 0706
checked all pumps often to insure operation. all good
Broke down pumps beginning @ 1706 to sync exactly w/ set up times
Submitted all samples to LCS

Air Technician Signature

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

145 Lake Avenue • Rochester, New York 14608 • 585.454.1060 • fax 585.454.1062

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

Lab Job # 16295-09

04/1078

Job Ticket # 36426 SM 12/8/09

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Empire State Development Corporation — *Client*

Mark Smith — *Client Contact* | *Client Contact Phone*

Midtown Tower — 19th floor — *Building/Location* | *Work Area*

D. Park — 3177214 — *Air Technician* | *Air Technician Phone*

Cambria — Bill — *Contractor* | *Contractor Contact*

Fax Results To: | *Fax #*

51 — *Rotometer #*

Cassette Lot #

See Air Log — *Materials to be Removed*

Project Phase

△ **Phase IB** ☐ *Backgrounds*

☐ **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 #	0-6	0-7	0-8	0-9	0-10	0-11	0-12	0-13	0-14	B-1	B-2	
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3		
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0706	0717	0709	0710	0707	0717	0713	0714	0715			
End Time Military Time	1706	1717	1709	1710	1707	1712	1713	1714	1715			
Duration (Minutes)	600	→	→	→	→	→	→	→	→			
Sample Volume (Liters)	1800	→	→	→	→	→	→	→	→			

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. — *ELAP ID # 10958*

Lab Sample #	112 590	591	592	593	594	595	596	597	598	599	600	
Fibers/100 Fields:	1	4	2	5	3	1	3	0	1	0	0	
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	N/A	N/A	

Samples Relinquished By: D. Park	*Date:* 12/16/09
Received in Lab By: SM	*Date:* 12-18-09
Analyzed By: NDT	*Date:* 12/18/09
Microscope Make, Model & #: 1836 + 4	*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: ☒ D. Park

Date: 12/17/09 Job Ticket #: 36427

Building / Location: Midtown Tower Work Area: 11th floor Shift (A) B C

Project Description

ESDC — Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Mark Smith — Client Contact (Print Name)

Cambria — Abatement Contractor (Print Name)

Mark D. — Abatement Supervisor (Print Name)

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: Spray on, FT, FTM, MAS, MISP

UPM Sq/ft Ln/ft Project with multiple removals ☒

Type of Material

1st Check 0800 2nd Check 1000 3rd Check 1200 4th Check 1400 5th Check 1600

Time of air sampling pump check

Notes

On site @ 0650/ Cal all pumps to 3 LPM
Set up pumps beginning @ 0709
checked all pumps throughout day - all good
Broke down samples beginning @ 1701 to sync exactly 4 set up times
Submitted all samples to lab

Air Technician Signature

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

145 Lake Avenue • Rochester, New York 14608 • 585.454.1060 • fax 585.454.1062

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

Lab Job # 162960-09

04/1078

Job Ticket # 36427 SM 12/16/09

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Empire State Development Corporation

Client: Midtown Tower	11th floor
Building/Location: Cumbria	Work Area: Bill
Contractor: 51	Contractor Contact
Rotometer #	Cassette Lot #

Client Contact: D. Park	Client Contact Phone: 317 7254
Air Technician	Air Technician Phone
Fax Results To: See Air Log	Fax #
Materials to be Removed	

Project Phase: △ Phase IB ☐ Backgorunds; ☐ 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 #	0-6	0-7	0-8	0-9	0-10	0-11	0-12	0-13	0-14	B-1	B-2	
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0714	0717	0713	0715	0712	0709	0710	0711	0712			
End Time Military Time	1714	1717	1713	1715	1712	1709	1710	1711	1712			
Duration (Minutes)	600	→	→	→	→	→	→	→	→	↓	↓	
Sample Volume (Liters)	1800	→	→	→	→	→	→	→	→	↓	↓	

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ELAP ID # 10958

Lab Sample #	1/2 6001	6002	6003	6004	6005	6006	6007	6008	6009	6010	6011	
Fibers/100 Fields:	3	4	2	2	2	3	3	0	5	0	0	
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	N/A	N/A	

Samples Relinquished By: D. Park	Date: 12/17/09
Received in Lab By: SM	Date: 12-18-09
Analyzed By: MET	Date: 12/18/09
Microscope Make, Model & #: 183674	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: ☒ D. Park

Date: 12/18/09 Job Ticket #: 36429

Building / Location: Midtown Tower Work Area: 11th floor Shift (A) B C

Project Description

ESDC — Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Mark Smith — Client Contact (Print Name)

Cambria — Abatement Contractor (Print Name)

Mark D — Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐ — Map Completed

51 — 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: Spray on, FT/FTM, MAS, MTP

LPM Sq/ft Ln/ft Project with multiple removals ☒

Type of Material

1st Check 0800 2nd Check 1000 3rd Check 1200 4th Check 1400 5th Check 1600

Time of air sampling pump check

Notes

On site @ 0645 / Cal all pumps to 3CPM
Set up pumps beginning @ 0705
Checked all pumps throughout day to insure operation - all good
Broke down pumps beginning @ 1705 to sync exactly w/ set up times
Submitted all samples to lab

Air Technician Signature

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

145 Lake Avenue • Rochester, New York 14608 • 585.454.1060 • fax 585.454.1062

PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

Lab Job # 164016-09 09/1078

Job Ticket # 36429

Asbestos Air Monitoring

Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Empire State Development Corporation

Client		Mark Smith	
		Client Contact	Client Contact Phone
Midtown Tower	11th floor	D. Park	317 7294
Building/Location	Work Area	Air Technician	Air Technician Phone
Cambria	Bill		
Contractor	Contractor Contact	Fax Results To:	Fax #
51		See Air Log	
Rotometer #	Cassette Lot #	Materials to be Removed	

Project Phase: △ Phase IB ☐ Backgrounds; ☐ 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 #	0-6	0-7	0-8	0-9	0-10	0-11	0-12	0-13	0-14	B-1	B-2	
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0710	0713	0709	0711	0708	0705	0706	0707	0708			
End Time Military Time	1710	1713	1709	1711	1708	1705	1706	1707	1708			
Duration (Minutes)	600	→	→	→	→	→	→	→	→	↓	↓	
Sample Volume (Liters)	1800	→	→	→	→	→	→	→	→	↓	↓	

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ELAP ID # 10958

Lab Sample #	113621	6022	6023	6024	6025	6026	6027	6028	6029	6030	6031	
Fibers/100 Fields:	17	Over-loaded	8.5	10	5	7.5	5.5	3	6	0	0	
Fibers/cc:	<0.01	Unc.	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	—	—	

Samples Relinquished By: D. Park	Date: 12/18/09
Received in Lab By: KRH	Date: 12/21/09
Analyzed By: PB 235757	Date: 12.22.09
Microscope Make, Model & #:	Turn-around Time: Immed. 24 Hr. (48 Hr.)

Comments:

Verbals to Dave @ 9:45am 12.22.09 PB (overloaded)

White - Lab Original Yellow - Lab Copy Pink - Project Folder Goldenrod - Technician

ENVOY
environmental consultants, inc.

Air Sampling Log Book

09-1078

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☒ T. TRAYNES Date: 12/19/09 Job Ticket #: 36493

Building / Location: MIDTOWN TOWER Work Area: 11 TH FLOOR Shift (A) B C

Project Description

E.S.D.C. MARK SMITH
Client / Owner (Print Name) Client / Owner Representative (Print Name) Client Contact (Print Name)

CAMBRIA MARK DELPANTE
Abatement Contractor (Print Name) Abatement Supervisor (Print Name) NYSDOL Asbestos Handling Certificate Number

Yes ☐ No ☒ 51
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

Job Type: Class I ☒; Class II ☐; Large ☒; Small ☐; Minor ☐

Type of Material Sq/ft Ln/ft Project with multiple removals ☐

1st Check 0745 2nd Check 1130 3rd Check 1230 4th Check 1430 5th Check 1715
Time of air sampling pump check

Notes

- ON SITE.
- WEATHER CONDITIONS - 18° CLOUDY.
- CAL. AND SET UP PUMPS @ 0745.
- PUMP CHECK @ 1130.
- PUMP CHECK @ 1230.
- PUMP CHECK @ 1430.
- BROKE DOWN PUMPS @ 1715
- BROUGHT SAMPLES TO LAB.

Air Technician Signature

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

145 LAKE AVENUE • ROCHESTER, NEW YORK 14608 • 585.454.1060 • FAX 585.454.1062

16404.09

PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

Lab Job # 16404-09

09-1078

Job Ticket # 36493

Asbestos Air Monitoring

Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Empire State Development Corporation 12/19/09
Client

MARK SMITH
Client Contact | Client Contact Phone

MIDTOWN TOWER | 11TH FLOOR
Building/Location | Work Area

T. TRONNES 202-5733
Air Technician | Air Technician Phone

CAMBRIA | MARK DELPANTE
Contractor | Contractor Contact

Fax Results To: | Fax #

51
Rotometer # | Cassette Lot #

Materials to be Removed

Project Phase: △ Phase IB ☐ Backgorunds; ☐ 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 #	0-6	0-7	0-8	0-9	0-10	0-11	0-12	0-13	0-14		B-1	B-2
Pre-Calibrated Flow Rate	2	2	3	3	3	3	2	2	2			
Post-Calibrated Flow Rate	2	2	3	3	3	3	2	2	2			
Average Flow Rate	2	2	3	3	3	3	2	2	2			
Start Time Military Time	0757	0755	0753	0751	0750	0745	0746	0747	0748			
End Time Military Time	1727	1725	1723	1721	1720	1715	1716	1717	1718			
Duration (Minutes)	580	580	580	580	580	580	580	580	580			
Sample Volume (Liters)	1160	1160	1740	1740	1740	1740	1160	1160	1160			

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ELAP ID # 10958

Lab Sample #	113599	600	601	602	603	604	605	606	607		608	609
Fibers/100 Fields:	15	19	16	9	4.5	7	5	2.5	6		0	0
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		—	—

Samples Relinquished By: [signature]	Date: 12/19/09
Received in Lab By: KRH	Date: 12/21/09
Analyzed By: [signature]	Date: 12-22-09
Microscope Make, Model & #: 235757	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: ☒ D. Parker

Date: 12/21/09

Job Ticket #: 36430

Building / Location: Midtown Tower

Work Area: 11th floor

Shift (A) B C

Project Description

ESDC

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Mark Smith

Client Contact (Print Name)

Cambria

Abatement Contractor (Print Name)

Bill

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

Map Completed

51

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

Spray on, ft/ftm, MAS, MJP

WPM, Sq/ft Ln/ft Project with multiple removals ☒

Type of Material

1st Check 0800 2nd Check 1000 3rd Check 1200 4th Check 1400 5th Check 1600

Time of air sampling pump check

Notes

On site @ 0645 / cal all pumps to 30 PM
Set up pumps beginning @ 0708
Checked pumps throughout day to insure operation all good
Broke down pumps to sync exactly w/ set up times
Submitted all samples to lab

Air Technician Signature

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

145 Lake Avenue • Rochester, New York 14608 • 585.454.1060 • fax 585.454.1062

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 · Office (585) 647-2530 · Fax (585) 647-3311

Lab Job # 16476-09

09/1078

Job Ticket # 36430 SM 12-21-09

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Empire State Development Corporation — *Client*

Mark Smith — *Client Contact* | *Client Contact Phone*

Midtown Tower — *Building/Location* | 11th Floor — *Work Area*

D. Park — *Air Technician* | 3177294 — *Air Technician Phone*

Cambria — *Contractor* | Bill — *Contractor Contact*

Fax Results To: | *Fax #*

51 — *Rotometer #* | *Cassette Lot #*

See Anv Cog — *Materials to be Removed*

Project Phase

△ Phase IB ☐	□ Phase IIA ☐	⬆ Phase IIB ☒	⬆ Phase IIC ☐	○ Phase IIC ☐	✳ Env. ☐
Backgorunds	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	0-12	0-13	0-14	B-1	B-2	
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	↓	↓	
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0713	0716	0712	0714	0711	0708	0705	0710	0711			
End Time Military Time	1713	1716	1712	1714	1711	1708	1705	1710	1711			
Duration (Minutes)	600	→							→			
Sample Volume (Liters)	1800	→							→	↓	↓	

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. — *ELAP ID # 10958*

Lab Sample #	091	092	093	094	095	096	097	098	099	100	101	
Fibers/100 Fields:	4	13.5	10	10	11	3.5	1.5	5	3	0	0	
Fibers/cc:	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	N/A	N/A	

Samples Relinquished By:	D. Park	*Date:*	12/21/09
Received in Lab By:	SM	*Date:*	12-22-09
Analyzed By:	SM	*Date:*	12-22-09
Microscope Make, Model & #:	221113	*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: ☒ D. Park Date: 12/22/09 Job Ticket #: 36431

Building / Location: Midtown Tower Work Area: 11th floor Shift A B C

Project Description

Client / Owner (Print Name)	Client / Owner Representative (Print Name)	Client Contact (Print Name)
ESDC		Mark Smith

Abatement Contractor (Print Name)	Abatement Supervisor (Print Name)	NYSDOL Asbestos Handling Certificate Number
Cambria	Bill	

Map Completed	Rotometer Number	Date of Last Calibration
Yes ☒ No ☐	51	

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, FT/FTM, MAS, MJP, WPM Sq/ft Ln/ft Project with multiple removals ☒

Type of Material

1st Check 0800 2nd Check 1000 3rd Check 1200 4th Check 1400 5th Check 1600

Time of air sampling pump check

Notes

On site @ 0655 / cal all pumps to 3CPM
Set up pumps beginning @ 0700
Checked all pumps throughout day - all good
Broke down pumps to sync w/ set up times
Submitted all samples to LCS

Air Technician Signature

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

145 Lake Avenue • Rochester, New York 14608 • 585.454.1060 • fax 585.454.1062

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

Lab Job # 16710-09

09/1078

Job Ticket # 36431 SM 12-29-09

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

16710-09

Empire State Development Corporation — Client

Mark Smith — Client Contact

Midtown Tower — Building/Location

11th floor — Work Area

D Park — Air Technician

317 7294 — Air Technician Phone

Cumbria — Contractor

Bill — Contractor Contact

Fax Results To: — Fax #

51 — Rotometer #

See Analysis — Cassette Lot # / Materials to be Removed

Project Phase: △ Phase IB ☐ Backgorunds; ☐ 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 #	0-6	0-7	0-8	0-9	0-10	0-11	0-12	0-13	0-14	B-1	B2	
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0714	0720	0715	0716	0713	0710	0711	0712	0713			
End Time Military Time	1714	1720	1715	1716	1713	1710	1711	1712	1713			
Duration (Minutes)	600	→	→	→	→	→	→	→	→	↓	↓	
Sample Volume (Liters)	1800	→	→	→	→	→	→	→	→	↓	↓	

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. — ELAP ID # 10958

Lab Sample #	113 913	914	915	916	917	918	919	920	921	922	923	
Fibers/100 Fields:	5.5	12	9	8	12	1	10	1.5	8	0	0	
Fibers/cc:	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	N/A	N/A	

Samples Relinquished By: D. Park	Date: 12/22/09
Received in Lab By: SM	Date: 12-29-09
Analyzed By: SM	Date: 12-29-09
Microscope Make, Model & #: 22113	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: ☒ D. Park

Date: 12/23/09 Job Ticket #: 36432

Building / Location: Midtown Tower Work Area: 11th floor Shift (A) B C

Project Description

ESDC

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Mark Smith

Client Contact (Print Name)

Cambria

Abatement Contractor (Print Name)

Mark D.

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

Map Completed

51

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 Spray on, FT/FTM, MAS

MTP, WPM Sq/ft Ln/ft Project with multiple removals ☒

Type of Material

1st Check 0730 2nd Check 0700 3rd Check 1030 4th Check 1200 5th Check 1300

Time of air sampling pump check

Notes

On site @ 0645 / cal all pumps to 3CPM
Set up pumps beginning @ 0707
Checked all pumps throughout day to insure operation - all good
Broke down pumps beginning @ 1407 to sync exactly w/set up times
Submitted all samples to lab

Air Technician Signature

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

145 Lake Avenue • Rochester, New York 14608 • 585.454.1060 • fax 585.454.1062

16592-09

PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

Lab Job # 16592-09

09/1078

Job Ticket # 36432 SM 12-24-09

Asbestos Air Monitoring

Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Empire State Development Corporation	Mark Smith
Client	Client Contact / Client Contact Phone
Midtown Tower / 11th floor	D Park / 317 7294
Building/Location / Work Area	Air Technician / Air Technician Phone
Cambria / Bill	
Contractor / Contractor Contact	Fax Results To: / Fax #
51	See Air Log
Rotometer # / Cassette Lot #	Materials to be Removed

Project Phase: △ Phase IB ☐ Backgorunds; ☐ 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 #	0-6	0-7	0-8	0-9	0-10	0-11	0-12	0-13	0-14	B-1	B-2	
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0712	0715	0711	0713	0710	0707	0708	0709	0710			
End Time Military Time	1412	1415	1411	1413	1410	1417	1408	1409	1410			
Duration (Minutes)	420	→										
Sample Volume (Liters)	1260	→										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ELAP ID # 10958

Lab Sample #	114 997	998	999	115 000	001	002	003	004	005	006	007	
Fibers/100 Fields:	UNC	UNC	UNC	UNC	3	5 ~~4~~ 12	1	2	1	0	0	
Fibers/cc:	overloaded		overloaded		<0.01	<0.01	24 <0.01	<0.01	<0.01	—	—	

Samples Relinquished By: D. Park	Date: 12/23/09
Received in Lab By: SM	Date: 12-24-09
Analyzed By: [signature]	Date: 12-24-09
Microscope Make, Model & #: 235757	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments: Faxed to NYS Verbals to Ted T. 12-24 (1100)

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: ☒ D. Park — Date: 12/28/07 — Job Ticket #: 36434

Building / Location: Midtown Tower — Work Area: 11th Flr — Shift (A) B C

Project Description: ESDC

Client / Owner (Print Name) | Client / Owner Representative (Print Name): Mark D. | Client Contact (Print Name): Mark Smith

Abatement Contractor (Print Name): Cambria | Abatement Supervisor (Print Name) | NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐ — Map Completed | Rotometer Number: 51 | 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: Spray on, ft/ftm, mms not, mrm — Sq/ft | Ln/ft | Project with multiple removals ☒

Type of Material

1st Check 0800 | 2nd Check 1000 | 3rd Check 1200 | 4th Check 1400 | 5th Check 1600

Time of air sampling pump check

Notes

On Site @ 0650 / Cal all pumps to 3CFM
Set up pumps beginning @ 0704
Checked all pumps throughout day to insure operation - all good
Broke down pumps to sync exactly w/ set up times.
Submitted all samples to 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

Lab Job # 160709-09
09/1078

Job Ticket # 36434 SH 12-21-09

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

160709-09

Empire State Development Corporation

Client		Client Contact	Client Contact Phone
Midtown Tower	11th floor	Mark Smith	
Building/Location	**Work Area**	**Client Contact**	**Client Contact Phone**
Cumbria	Bill	D Park	377 7254
Contractor	**Contractor Contact**	**Air Technician**	**Air Technician Phone**
51			
Rotometer #	**Cassette Lot #**	**Fax Results To:**	**Fax #**
		See Air Log	
		Materials to be Removed	

Project Phase

△ **Phase IB** ☐ Backgorunds
☐ **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 #	0-6	0-7	0-8	0-9	0-10	0-11	0-12	0-13	0-14	BK-1	BK-2	
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0713	0717	0714	0715	0712	0709	0710	0711	0712			
End Time Military Time	1713	1717	1714	1715	1712	1709	1710	1711	1712			
Duration (Minutes)	600	→	→	→	→	→	→	→	→	↓	↓	
Sample Volume (Liters)	1800	→	→	→	→	→	→	→	→	↓	↓	

Laboratory analysis Performed by: Paradigm Environmental Services. Inc. ELAP ID # 10958

Lab Sample #	115 902	903	904	905	906	907	908	909	910	911	912	
Fibers/100 Fields:	5.5	7.5	16.5	13	6.5	3	15	11	2	0	0	
Fibers/cc:	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	N/A	N/A	

Samples Relinquished By: D Park	**Date:** 12/28/09
Received in Lab By: SH	**Date:** 12-29-09
Analyzed By: SH	**Date:** 12-29-09
Microscope Make, Model & #: 22113	**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: ☒ D. Park

Date: 12/29/09 Job Ticket #: 36436

Building / Location: Midtown Tower Work Area: 11th floor Shift (A) B C

Project Description

Client / Owner (Print Name)	Client / Owner Representative (Print Name)	Client Contact (Print Name)
ESDC		Mark Smith

Abatement Contractor (Print Name)	Abatement Supervisor (Print Name)	NYSDOL Asbestos Handling Certificate Number
Cambria	Mark D.	

Map Completed	Rotometer Number	Date of Last Calibration
Yes ☒ No ☐	51	

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 Spray on, BT/ATM, MAS, MJV

Sq/ft Ln/ft Project with multiple removals ☒

Type of Material

1st Check 0800 2nd Check 1000 3rd Check 1200 4th Check 1400 5th Check 1600

Time of air sampling pump check

Notes

On site @ 0640/cal all pumps to 3CPM
Set up pumps beginning @ 0706
Checked all pumps throughout day to insure operation - all good
Break down pumps @ 1706 to Sync exactly 4 set up times
Submitted all samples to lab

Air Technician Signature

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

145 Lake Avenue • Rochester, New York 14608 • 585.454.1060 • fax 585.454.1062

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

Lab Job # 16 916.09

09/1078

Job Ticket # 36436

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

16 916.09

Empire State Development Corporation — Client

Mark Smith — Client Contact

Midtown Tower — Building/Location

11th floor — Work Area

D. Park — Air Technician

317 7294 — Air Technician Phone

Cambria — Contractor

Bill — Contractor Contact

Fax Results To: See Air Log — Fax #

51 — Rotometer #

Cassette Lot # —

Materials to be Removed

Project Phase: △ Phase IB ☐ Backgrounds; ☐ 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 #	0-6	0-7	0-8	0-9	0-10	0-11	0-12	0-13	0-14	B-1	B-2	
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	↓	↓	
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0711	0715	0710	0712	0709	0706	0707	0708	0709			
End Time Military Time	1711	1715	1710	1712	1709	1706	1707	1708	1709			
Duration (Minutes)	600	→										
Sample Volume (Liters)	1800	→										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ELAP ID # 10958

Lab Sample #	117 111	112	113	114	115	116	117	118	119	120	121	
Fibers/100 Fields:	25	30	14	34	15	6	4	11	10	0.5	0	
Fibers/cc:	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	—	—	

Samples Relinquished By: D. Park	Date: 12/24/09
Received in Lab By:	Date: 12.31.09
Analyzed By: SM	Date: 1-3-10
Microscope Make, Model & #: 221113	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: ☒ D. Parker Date: 12/30/09 Job Ticket #: 36439

Building / Location: Midtown Tower Work Area: 11th floor Shift (A) B C

Project Description

Client / Owner (Print Name)	Client / Owner Representative (Print Name)	Client Contact (Print Name)
ESDC		Mark Smith

Abatement Contractor (Print Name)	Abatement Supervisor (Print Name)	NYSDOL Asbestos Handling Certificate Number
Cambria	Bill	

Map Completed	Rotometer Number	Date of Last Calibration
Yes ☒ No ☐	51	

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: Spray on, ft/ftm, MAS, MJP
UPM Sq/ft Ln/ft Project with multiple removals ☒

Type of Material

1st Check 0800 2nd Check 1000 3rd Check 1200 4th Check 1400 5th Check 1600

Time of air sampling pump check

Notes

On site @ 0650/ cal all pumps to 3cpm
Set up pumps beginning @ 0707
Checked all pumps throughout day to insure operations - all good
Broke down pumps beginning @ 1707 to sync exactly w/ set up times
Submitted all samples to/ab

Air Technician Signature

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

57 Ambrose Street • Rochester, New York 14608 • 585.454.1060 • fax 585.454.1062

PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

B 12.31.09 cc

Lab Job #
16915.09
09/1078

Job Ticket #
36439

Asbestos Air Monitoring

Chain of Custody

Meets NYCRR 56 amended January 11, 2006

16915.09 B 12.31.09

Empire State Development Corporation		Mark Smith	
Client		**Client Contact**	**Client Contact Phone**
Midtown Tower	11th floor	D. Parker	377 7294
Building/Location	**Work Area**	**Air Technician**	**Air Technician Phone**
Cambria	Bill		
Contractor	**Contractor Contact**	**Fax Results To:**	**Fax #**
SI		See Air Log	
Rotometer #	**Cassette Lot #**	**Materials to be Removed**	

Project Phase: △ Phase IB ☐ Backgorunds; ☐ 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 #	0-6	0-7	0-8	0-9	0-10	0-11	0-12	0-13	0-14	B-1	B-2	
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0712	0717	0711	0713	0710	0707	0708	0709	0710			
End Time Military Time	1712	1717	1711	1713	1710	1707	1708	1709	1710			
Duration (Minutes)	600	→										
Sample Volume (Liters)	1800	→										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ELAP ID # 10958

Lab Sample #	117 100	101	102	103	104	105	106	107	108	109	110	
Fibers/100 Fields:	20	overloaded	27	overloaded	17	4.5	5	5	4.5	0	0	
Fibers/cc:	<.01		<.01		<.01	<.01	<.01	<.01	<.01	—	—	

Samples Relinguished By: D. Parker	**Date:** 12/30/09
Received in Lab By: [signature]	**Date:** 12.31.09
Analyzed By: SM	**Date:** 1-3-10
Microscope Make, Model & #: 221113	**Turn-around Time** Immed. 24 Hr. 48 Hr.

Comments: Left voicemail for Dave. SM 1-3-10 1:37pm

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: ☒ D. Park

Date: 12/31/09 Job Ticket #: 36442

Building / Location: Midtown Tower Work Area: 11th floor Shift (A) B C

Project Description

Client / Owner (Print Name)	Client / Owner Representative (Print Name)	Client Contact (Print Name)
ESDC		Mark Smith

Abatement Contractor (Print Name)	Abatement Supervisor (Print Name)	NYSDOL Asbestos Handling Certificate Number
Cambrian	Mark D.	

Map Completed	Rotometer Number	Date of Last Calibration
Yes ☒ No ☐	51	

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 Spray on, ft/ft/m, mag mjd, wpm Sq/ft Ln/ft Project with multiple removals ☒

Type of Material

1st Check 0730 2nd Check 0900 3rd Check 1030 4th Check 1200 5th Check 1300

Time of air sampling pump check

Notes

On site @ 0640 / Cal all pumps to 3CPM
Set up pumps beginning @ 3CPM
Checked pumps often to insure operation - all good
Broke down pumps @ 1406 to sync exactly w/ set up times
Submitted all samples to LCS

Air Technician Signature

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

57 Ambrose Street • Rochester, New York 14608 • 585.454.1060 • fax 585.454.1062

PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

Lab Job # 16912.09

09/1078

Job Ticket # 36442

Asbestos Air Monitoring

Chain of Custody

Meets NYCRR 56 amended January 11, 2006

16912.09

Empire State Development Corporation	Mark Smith
Client	Client Contact / Client Contact Phone
Midtown Tower / 11th floor	D. Park / 317 7294
Building/Location / Work Area	Air Technician / Air Technician Phone
Cumbria / Bill	
Contractor / Contractor Contact	Fax Results To: / Fax #
51	See Air Log
Rotometer # / Cassette Lot #	Materials to be Removed

Project Phase: △ Phase IB ☐ Backgorunds; ☐ 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 #	0-6	0-7	0-8	0-9	0-10	0-11	0-12	0-13	0-14	B-1	B-2	
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0711	0715	0712	0713	0709	0706	0707	0708	0709			
End Time Military Time	1411	1415	1412	1413	1409	1406	1407	1408	1409			
Duration (Minutes)	420	→										
Sample Volume (Liters)	1260	→										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ELAP ID # 10958

Lab Sample #	117 075	076	077	078	079	080	081	082	083	084	085	
Fibers/100 Fields:	15	5	9	9	wet	4.5	5	3	4	0	0	
Fibers/cc:	<.01	<.01	<.01	<.01		<.01	<.01	<.01	<.01	—	—	

Samples Relinquished By: D. Park	Date: 12/31/09
Received in Lab By: B	Date: 12.31.09
Analyzed By: SM	Date: 1-3-10
Microscope Make, Model & #: 221113	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: ☒ D. Park Date: 1/4/10 Job Ticket #: 56445

Building / Location: Midtown Tower Work Area: 11th floor Shift (A) B C

Project Description

Client / Owner (Print Name)	Client / Owner Representative (Print Name)	Client Contact (Print Name)
ESDC		Mark Smith

Abatement Contractor (Print Name)	Abatement Supervisor (Print Name)	NYSDOL Asbestos Handling Certificate Number
Cambria	Mark D.	

Map Completed	Rotometer Number	Date of Last Calibration
Yes ☒ No ☐	51	

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 spray on, ft/ftm, MAS, MOP

wpm Sq/ft Ln/ft Project with multiple removals ☒

Type of Material

1st Check 0800 2nd Check 1000 3rd Check 1400 4th Check 1600 5th Check 1800

Time of air sampling pump check

Notes

On Site @ 0650/ cal all pumps to 3cpm
Set up pumps beginning @ 0709
Checked all pumps throughout day to insure operations - all good
Broke down pumps to sync exactly w/ set up times
Submitted all samples to lab

Air Technician Signature

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

57 Ambrose Street • Rochester, New York 14608 • 585.454.1060 • fax 585.454.1062

PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

Asbestos Air Monitoring

Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 0242-10

09/1078

Job Ticket # 36445 SM 1-6-10

0242-10

Empire State Development Corporation

Client

Mark Smith

Client Contact

Client Contact Phone

Midtown Tower

Building/Location

11th floor

Work Area

D. Parker

Air Technician

317 7294

Air Technician Phone

Cambria

Contractor

Bill

Contractor Contact

Fax Results To: See Air Log

Fax #

51

Rotometer #

Cassette Lot #

Materials to be Removed

Project Phase: △ Phase IB ☐ Backgorunds; ☐ 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 #	0-6	0-7	0-8	0-9	0-10	0-11	0-12	0-13	0-14	B-1	B-2	
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0714	0716	0713	0715	0708	0709	0710	0711	0712			
End Time Military Time	1914	1916	1913	1915	1908	1909	1910	1911	1912			
Duration (Minutes)	720	→										
Sample Volume (Liters)	2160	→										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	1599	600	601	602	603	604	605	606	607	608	609	
Fibers/100 Fields:	18	UNC	11	14	1	2	2	4.5	7	0	0	
Fibers/cc:	<0.01	overloaded	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	—	—	

Samples Relinguished By: D. Parker	Date: 1/4/10
Received in Lab By: SM	Date: 1-6-10
Analyzed By: [signature]	Date: 1-7-10
Microscope Make, Model & #: 221113	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments:

Verbals to ted t - 9017 @ 1610

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: ☒ D. Parker Date: 1/5/09 Job Ticket #: 36446

Building / Location: Midtown Tower Work Area: 11th floor Shift (A) B C

Project Description

Client / Owner (Print Name)	Client / Owner Representative (Print Name)	Client Contact (Print Name)
ESDC		Mark Smith

Abatement Contractor (Print Name)	Abatement Supervisor (Print Name)	NYSDOL Asbestos Handling Certificate Number
Cambria	Mark P.	

Map Completed	Rotometer Number	Date of Last Calibration
Yes ☒ No ☐	51	

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, ft/ctm, mas, MJP
UPM. Sq/ft Ln/ft Project with multiple removals ☒

Type of Material

1st Check 0800 2nd Check 1000 3rd Check 1400 4th Check 1600 5th Check 1800

Time of air sampling pump check

Notes

on site @ 0645/cal all pumps to 3cpm
Set up pumps beginning @ 0705
checked all pumps throughout day to insure operation - all good
Broke down pumps to sync exactly w/ set up times
Submitted all samples to lab

Air Technician Signature

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

57 Ambrose Street • Rochester, New York 14608 • 585.454.1060 • fax 585.454.1062

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

Lab Job # 024310

04/1078

Job Ticket # 36446 SM 1-7-10

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

0243-10

Empire State Development Corporation

Client		Client Contact	Client Contact Phone
Midtown Tower	11th floor	D. Park	317 7294
Building/Location	**Work Area**	**Air Technician**	**Air Technician Phone**
Cambria	Bill		
Contractor	**Contractor Contact**	**Fax Results To:**	**Fax #**
SI		See Air Log	
Rotometer #	**Cassette Lot #**	**Materials to be Removed**	

Mark Smith

Project Phase	Phase IB ☐	Phase IIA ☐	Phase IIB ☒	Phase IIC ☐	Phase IIC ☐	Env. ☐
	Backgorunds	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	0-12	0-13	0-14	IS-1	IS-2	
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0710	0712	0709	0711	0708	0705	0706	0707	0708			
End Time Military Time	1910	1912	1909	1911	1908	1905	1906	1907	1908			
Duration (Minutes)	720	→	→	→	→	→	→	→	→	↓	↓	
Sample Volume (Liters)	2160	→	→	→	→	→	→	→	→	↓	↓	

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ELAP ID # 10958

Lab Sample #	6010	6011	6012	6013	6014	6015	6016	6017	6018	6019	6020	
Fibers/100 Fields:	11	17	115	14	18	4	3	INV	5	U	U	
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	wet	<0.01	—	—	

Samples Relinquished By:	D. Park	Date:	1/5/09
Received in Lab By:	SM	Date:	1-6-10
Analyzed By:		Date:	1-7-10
Microscope Make, Model & #:	72113	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: ☒ D. Park

Date: 1/21/06

Job Ticket #: 36619

Building / Location: Midtown Tower

Work Area: 11th floor

Shift (A) B C

Project Description: ESDC

Client / Owner (Print Name): Cumbria

Client / Owner Representative (Print Name): Mark D.

Client Contact (Print Name): Mark Smith

Abatement Contractor (Print Name): Yes ☒ No ☐

Abatement Supervisor (Print Name): 51

NYSDOL Asbestos Handling Certificate Number

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: Spray on, ft/ftm, MAS, MTP, WPM

Sq/ft Ln/ft Project with multiple removals ☒

Type of Material

1st Check 0800 2nd Check 1000 3rd Check 1200 4th Check 1400 5th Check

Time of air sampling pump check

Notes

On site @ 0640/cal all pumps to 3LPM
Set up pumps starting @ 0705
checked pumps after to insure operation - all good
Broke down pumps to sync exactly w/set up times
Submitted all samples to lab

Air Technician Signature

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

57 Ambrose Street • Rochester, New York 14608 • 585.454.1060 • fax 585.454.1062

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

Lab Job # 1305-10
09/1078

Job Ticket # 36619

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

1305-10

Empire State Development Corporation — Client

Mark Smith — Client Contact

Client Contact Phone

Midtown Tower — Building/Location

11th flor — Work Area

D. Park — Air Technician

317 7294 — Air Technician Phone

Cambria — Contractor

Bill — Contractor Contact

Fax Results To:

Fax #

51 — Rotometer #

Cassette Lot #

See Air Log — Materials to be Removed

Project Phase

△ Phase IB ☐ Backgorunds

☐ 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 #	0-6	0-7	0-8	0-9	0-10	0-11	0-12	0-13	0-14	B-1	B-2	
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0715	0716	0717	0718	0724	0719	0720	0721	0722			
End Time Military Time	1515	1516	1517	1518	1524	1519	1520	1521	1522			
Duration (Minutes)	480	→	→	→	→	→	→	→	→	↓	↓	
Sample Volume (Liters)	1440	→	→	→	→	→	→	→	→	↓	↓	

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ELAP ID # 10958

Lab Sample #	9277	278	279	280	281	282	283	284	285	286	287	
Fibers/100 Fields:	Over-load	48	Over-load	9	18	7	5	8.5	10	0	0	
Fibers/cc:	UNC	0.016	UNC	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	—	—	

Samples Relinquished By: D. Park	Date: 1/21/10
Received in Lab By:	Date: 1/26/10
Analyzed By: 235757	Date: 1.26.10
Microscope Make, Model & #:	Turn-around Time: Immed. 24 Hr. (48 Hr.)

Comments:

Verbals to D.P. @ 4:35pm 1.26.10 (overloads & High results)

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: ☒ D. Park Date: 1/22/10 Job Ticket #: 36623

Building / Location: Midtown Tower Work Area: 15th floor Shift (A) B C

Project Description

Client / Owner (Print Name)	Client / Owner Representative (Print Name)	Client Contact (Print Name)
ESDC		Mark Smith

Abatement Contractor (Print Name)	Abatement Supervisor (Print Name)	NYSDOL Asbestos Handling Certificate Number
Cambria	Mark D.	

Map Completed	Rotometer Number	Date of Last Calibration
Yes ☒ No ☐	51	

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 ft/ft, MAS, MSP
UPM Sq/ft Ln/ft Project with multiple removals ☐

Type of Material

1st Check 0800 2nd Check 1000 3rd Check 1200 4th Check 1330 5th Check 1500

Time of air sampling pump check

Notes

On site @ 0645 / call all pumps to 3 LPM
set up samples beginning @ 0722
checked all pumps throughout day to insure operation. all good
Broke down pumps to sync exactly w/ set up times
submitted all samples to lab

Air Technician Signature

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

57 Ambrose Street • Rochester, New York 14608 • 585.454.1060 • fax 585.454.1062

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

Lab Job # 12/10-10 09/1078

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket # 36623 SM 1-22-10

12/10-10

Empire State Development Corporation

Client: Midtown Tower	Client Contact: Mark Smith
Building/Location: 11th Floor	Client Contact Phone:
Work Area: Cambria	Air Technician: D Park
Contractor: Bill	Air Technician Phone: 317 7294
Contractor Contact:	Fax Results To:
Rotometer #: 51	Fax #:
Cassette Lot #:	Materials to be Removed: See Attached Log

Project Phase: △ Phase IB ☐ Backgorunds; ☐ 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 #	0-6	0-7	0-8	0-9	0-10	0-11	0-12	0-13	0-14	B-1	B-2	
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0722	0723	0724	0725	0722	0726	0727	0728	0729			
End Time Military Time	1522	1523	1524	1525	1522	1526	1527	1528	1529			
Duration (Minutes)	480	→	→	→	→	→	→	→	→	↓	↓	
Sample Volume (Liters)	1440	→	→	→	→	→	→	→	→	↓	↓	

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ELAP ID # 10958

Lab Sample #	548	549	550	551	552	553	554	555	556	557	558	
Fibers/100 Fields:	2	2	20	13.5	4	2	3	6	4.5	0	0	
Fibers/cc:	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	N/A	N/A	

Samples Relinquished By: D Park	Date: 1/22/10
Received in Lab By: SM	Date: 1-22-10
Analyzed By: SM	Date: 1-23-10
Microscope Make, Model & #: 221113	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: ☒ D. Park Date: 1/25/10 Job Ticket #: 36624

Building / Location: Midtown Tower Work Area: 11th Floor Shift (A) B C

Project Description

Client / Owner (Print Name)	Client / Owner Representative (Print Name)	Client Contact (Print Name)
ESDC		Mark Smith

Abatement Contractor (Print Name)	Abatement Supervisor (Print Name)	NYSDOL Asbestos Handling Certificate Number
Cambria	Mark D.	

Map Completed	Rotometer Number	Date of Last Calibration
Yes ☒ No ☐	51	

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 Spray mi ft/ft mi MAS, MJP
vpm Sq/ft Ln/ft Project with multiple removals ☐

Type of Material

1st Check 0800 2nd Check 1000 3rd Check 1200 4th Check 1400 5th Check 1600

Time of air sampling pump check

Notes

On site @ 0640 / Cal all pumps to 5LPM
Set up Samples beginning @ 0709
Checked all pumps throughout day to insure operation all good
Broke down samples to sync exactly w/ set up times
Submitted all Samples to lab

Air Technician Signature

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

57 Ambrose Street • Rochester, New York 14608 • 585.454.1060 • fax 585.454.1062

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

Lab Job # 1304-10

04/10 78

Job Ticket # 36624

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

1304-10

Empire State Development Corporation — Client

Mark Smith — Client Contact

Midtown Tower — Building/Location

11th Floor — Work Area

D. Park — Air Technician

317 7294 — Air Technician Phone

Cambria — Contractor

Bill — Contractor Contact

Fax Results To: See Anv Log

Fax #

51 — Rotometer #

Cassette Lot #

Materials to be Removed

Project Phase: △ Phase IB ☐ Backgorunds; ☐ 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 #	0-6	0-7	0-8	0-9	0-10	0-11	0-12	0-13	0-14	B-1	B-2	
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0724	0709	0725	0730	0724	0726	0727	0728	0729			
End Time Military Time	1524	1509	1525	1530	1524	1526	1527	1528	1529			
Duration (Minutes)	480	→	→	→	→	→	→	→	→	↓	↓	
Sample Volume (Liters)	1440	→	→	→	→	→	→	→	→	↓	↓	

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ELAP ID # 10958

Lab Sample #	266	267	268	269	270	271	272	273	274	275	276	
Fibers/100 Fields:	22	9	18	11	6	4.5	5	8	10	0	0	
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	—	—	

Samples Relinquished By: D. Park	Date: 1/25/10
Received in Lab By:	Date: 1/26/10
Analyzed By:	Date: 1.26.10
Microscope Make, Model & #: 235757	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments:

White - Lab Original Yellow - Lab Copy Pink - Project Folder Goldenrod - Technician

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☒ D. Park

Date: 1/26/10

Job Ticket #: 36625

Building / Location: Midtown Tower

Work Area: 11th floor

Shift (A) B C

Project Description

ESDC

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Mark Smith

Client Contact (Print Name)

Cambria

Abatement Contractor (Print Name)

Mark P

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

Map Completed

51

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 Spray m, ft/ft m, MAS, WTP

UPM

Sq/ft Ln/ft Project with multiple removals ☐

Type of Material

1st Check 0800 2nd Check 1000 3rd Check 1200 4th Check 1400 5th Check

Time of air sampling pump check

Notes

On site @ 0640 / cal all pumps to 3 UPM
Set up pumps beginning @ 0705
~~St~~ Checked pumps throughout day to insure operation all good
Broke down samples to sync exactly w/ set up times
Submitted all samples to lab

DYPC

Air Technician Signature

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

145 Lake Avenue • Rochester, New York 14608 • 585.454.1060 • fax 585.454.1062

PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

Lab Job # 1541-10

09/1078

Job Ticket # 36625

1541-10

Asbestos Air Monitoring

Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Empire State Development Corporation	Mark Smith
Client	Client Contact / Client Contact Phone
Midtown Tower / ~~[illegible]~~ 11th floor	D. Park / 317 7294
Building/Location / Work Area	Air Technician / Air Technician Phone
Cumbria / Bill	
Contractor / Contractor Contact	Fax Results To: / Fax #
SI	See Air Log
Rotometer # / Cassette Lot #	Materials to be Removed

Project Phase: △ Phase IB ☐ Backgorunds; ☐ 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 #	0-6	0-7	0-8	0-9	0-10	0-11	0-12	0-13	0-14	B-1	B-2	
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0724	0725	0726	0727	0728	0729	0730	0731	0732			
End Time Military Time	1524	1525	1526	1527	1528	1529	1530	1531	1532			
Duration (Minutes)	480	→										
Sample Volume (Liters)	1440	→										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ELAP ID # 10958

Lab Sample #	11101	102	103	104	105	106	107	108	109	110	111	
Fibers/100 Fields:	16.5	4	2	14	2	2	4	2.5	1	0	0	
Fibers/cc:	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	N/A	N/A	

Samples Relinguished By: D. Park	Date: 1/26/10
Received in Lab By: KRH	Date: 1/29/10
Analyzed By: SM	Date: 1-29-10
Microscope Make, Model & #: 221113	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: ☒ D. Park

Date: 1/28/10 Job Ticket #: J26J0

Building / Location: Midtown Tower Work Area: 11th Floor Shift A B C

Project Description

Client / Owner (Print Name)	Client / Owner Representative (Print Name)	Client Contact (Print Name)
ESDC		Mark Smith

Abatement Contractor (Print Name)	Abatement Supervisor (Print Name)	NYSDOL Asbestos Handling Certificate Number
Cambria	Mark D	

Map Completed	Rotometer Number	Date of Last Calibration
Yes ☒ No ☐	51	

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 spray on, ft/ft/m, mas, mtp

Type of Material wpm Sq/ft Ln/ft Project with multiple removals ☐

1st Check 0800 2nd Check 1000 3rd Check 1200 4th Check 1400 5th Check 1600

Time of air sampling pump check

Notes

On site @ 0640/ cal all pumps to 3CPM
Set up pumps beginning @ 0718
Checked all pumps throughout day to insure operation - all good
Broke down samples beginning @ 1518 to spare exactly w/set up time
Submitted all samples to lab

Air Technician Signature

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

145 Lake Avenue • Rochester, New York 14608 • 585.454.1060 • fax 585.454.1062

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

Lab Job # 1569-10

04/1078

Job Ticket # 36630 SM 1-29-10

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

1569-10

Empire State Development Corporation — Client

Mark Smith — Client Contact

Midtown Tower — Building/Location

11th Floor — Work Area

D. Park — Air Technician

317 7294 — Air Technician Phone

Cumbria — Contractor

Bill — Contractor Contact

Fax Results To: See Air Log

Fax #

51 — Rotometer #

Cassette Lot #

Materials to be Removed

Project Phase: △ Phase IB ☐ Backgorunds; ☐ 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 #	0-6	0-7	0-8	0-9	0-10	0-11	0-12	0-13	0-14	B-1	B-2	
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0718	0719	0720	0721	0722	0723	0724	0725	0726			
End Time Military Time	1518	1519	1520	1521	1522	1523	1524	1525	1526			
Duration (Minutes)	480	→	→	→	→	→	→	→	→	↓	↓	
Sample Volume (Liters)	1440	→	→	→	→	→	→	→	→	↓	↓	

Laboratory analysis Performed by: Paradigm Environmental Services. Inc. ELAP ID # 10958

Lab Sample #	11 354	355	356	357	358	359	360	361	362	363	364	
Fibers/100 Fields:	10	10	15	14.5	25	3	3	3	4	0	0	
Fibers/cc:	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	N/A	N/A	

Samples Relinquished By: P. Park	Date: 1/28/10
Received in Lab By: SM	Date: 1-29-10
Analyzed By: SM	Date: 1-30-10
Microscope Make, Model & #: 22113	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: ☒ D. Parker Date: 1/29/10 Job Ticket #: 36592

Building / Location: Midtown Tower Work Area: 11th Floor Shift (A) B C

Project Description

ESDC Mark Smith

Client / Owner (Print Name) Client / Owner Representative (Print Name) Client Contact (Print Name)

Cambria Mark D

Abatement Contractor (Print Name) Abatement Supervisor (Print Name) NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐ 51

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 m, ft/ft m, mns
MJP, wpm Sq/ft Ln/ft Project with multiple removals ☐

Type of Material

1st Check 0800 2nd Check 0900 3rd Check 1000 4th Check 1100 5th Check 1200

Time of air sampling pump check

Notes

On site @ 0640 / Cal all pumps to 32pm
Set up pumps beginning @ 0710
Checked all pumps throughout day to insure operation - all good
Broke down pumps to sync exactly w/ set up times
Submitted all samples to lab

Air Technician Signature

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

57 Ambrose Street • Rochester, New York 14608 • 585.454.1060 • fax 585.454.1062

PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

Lab Job # 1615-10

09/1078

Job Ticket # 36592 SM 2-1-10

Asbestos Air Monitoring

Chain of Custody

Meets NYCRR 56 amended January 11, 2006

1615-10

Empire State Development Corporation	Mark Smith
Client	Client Contact / Client Contact Phone
Midtown Tower / 11th Floor	D. Parker / 317 7244
Building/Location / Work Area	Air Technician / Air Technician Phone
Cambria / Bill	
Contractor / Contractor Contact	Fax Results To: / Fax #
SI	See Air Co
Rotometer # / Cassette Lot #	Materials to be Removed

Project Phase: △ Phase IB ☐ Backgorunds; ☐ 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 #	0-6	0-7	0-8	0-9	0-10	0-11	0-12	0-13	0-14	B-1	B-2	
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0721	0710	0722	0723	0724	0712	0714	0716	0718			
End Time Military Time	1321	1310	1322	1323	1324	1312	1314	1316	1318			
Duration (Minutes)	360	→										
Sample Volume (Liters)	1080	→										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ELAP ID # 10958

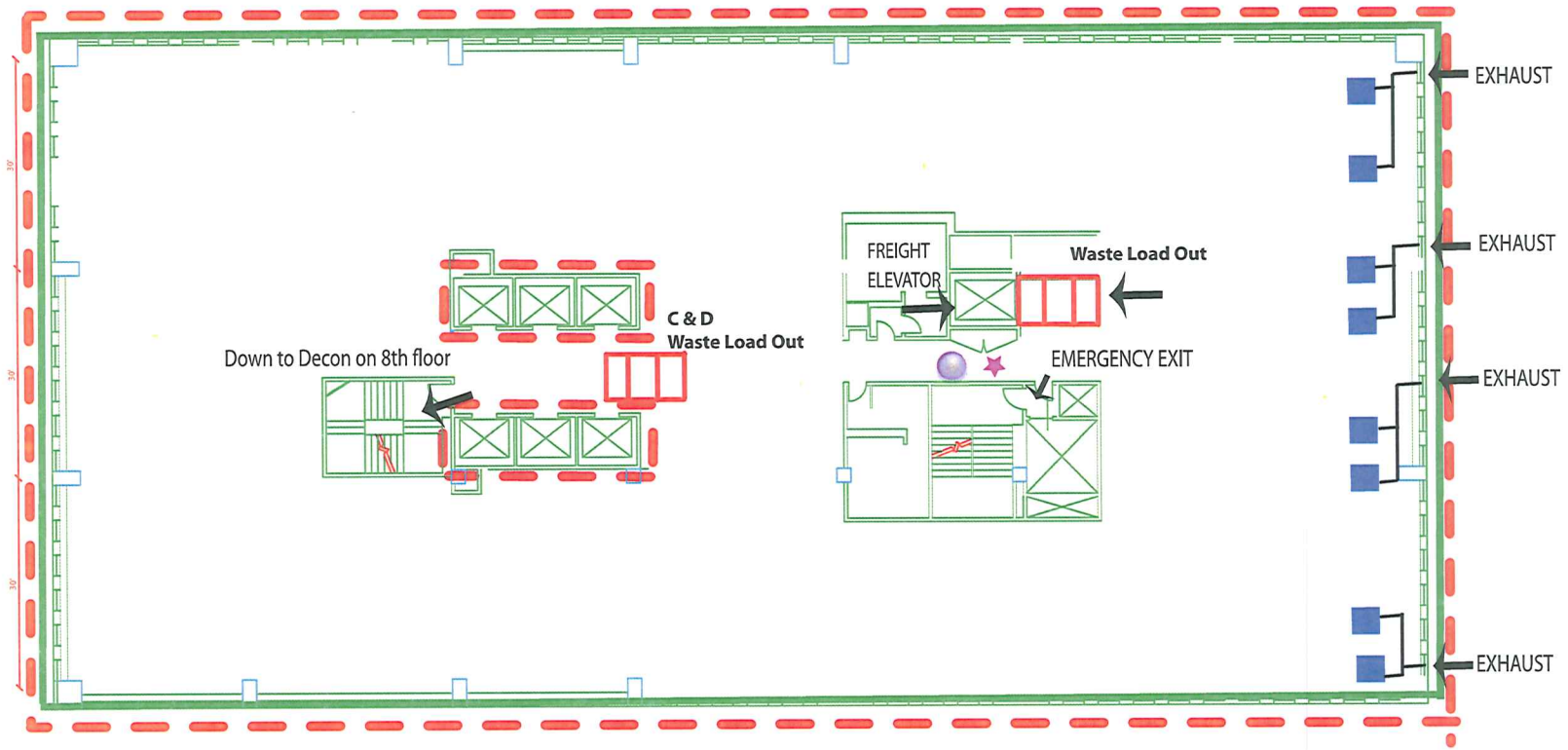
Lab Sample #	11 691	692	693	694	695	696	697	698	699	700	701	
Fibers/100 Fields:	20	3	15	5	18	0.5	3.5	1.5	1.5	0	0	
Fibers/cc:	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	N/A	N/A	

Samples Relinguished By: D. Parker	Date: 1/29/10
Received in Lab By: SM	Date: 2-1-10
Analyzed By: SM	Date: 2-1-10
Microscope Make, Model & #: 221113	Turn-around Time: Immed. 24 Hr. 48 Hr.

Comments:

White - Lab Original Yellow - Lab Copy Pink - Project Folder Goldenrod - Technician

Sample Locations & Maps



Splash Guard: 4 foot 6mil Fire Retardant Poly installed from the floor

Critical Barriers:

Negative Air Machines: 2 Units Stacked

Waste Load Out: Waste load out unit 2"x 4" framing with 1/2" plywood 2 layers of 6mil fire retardant poly on walls & ceilings. 2 layers of 6mil fire retardant reinforced poly on the floors

Temporary Electric:
100 AMP GFCI Panel fed from 3rd floor

Temporary Water
Fed From 17th Floor

Typical Exhaust:
3/4'" plywood sized to fit window
12" openings (4 units per window)
12" flex duct connecting NAM to Exhaust

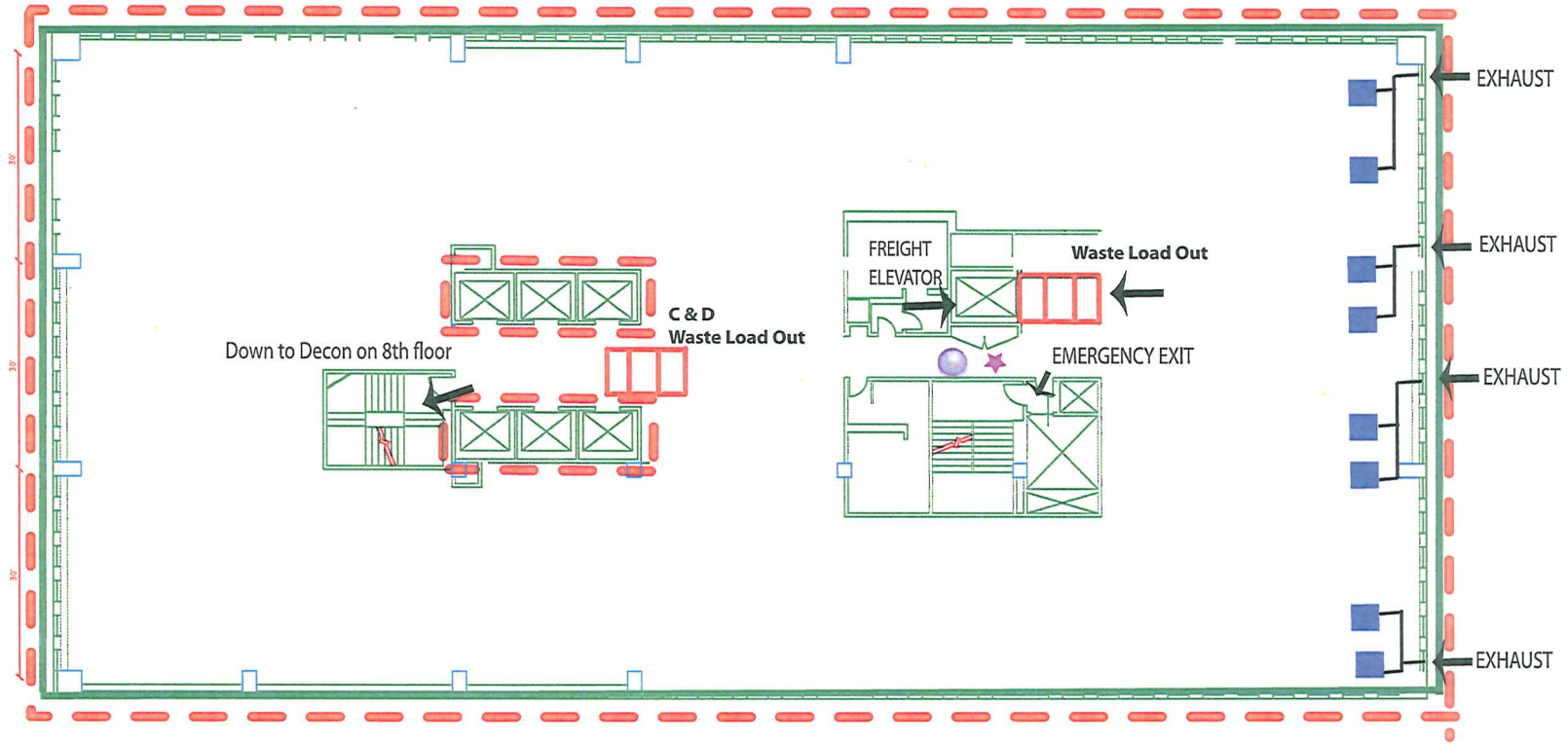
work area #3

MIDTOWN TOWER

11th Floor AbatementPlan

Cambria Contracting
5105 Lockport Road
Lockport, NY 14094 Tel. 716-625-6690

Drawn by
Scale as shown
Date



Splash Guard: 4 foot 6mil Fire Retardant Poly installed from the floor

Critical Barriers:

Negative Air Machines: 2 Units Stacked

Waste Load Out: Waste load out unit 2"x 4" framing with 1/2" plywood 2 layers of 6mil fire retardant poly on walls & ceilings. 2 layers of 6mil fire retardant reinforced poly on the floors

Temporary Electric:
100 AMP GFCI Panel fed from 3rd floor

Temporary Water
Fed From 17th Floor

Typical Exhaust:
3/4'" plywood sized to fit window
12" openings (4 units per window)
12" flex duct connecting NAM to Exhaust

work area #3

MIDTOWN TOWER

11th Floor AbatementPlan

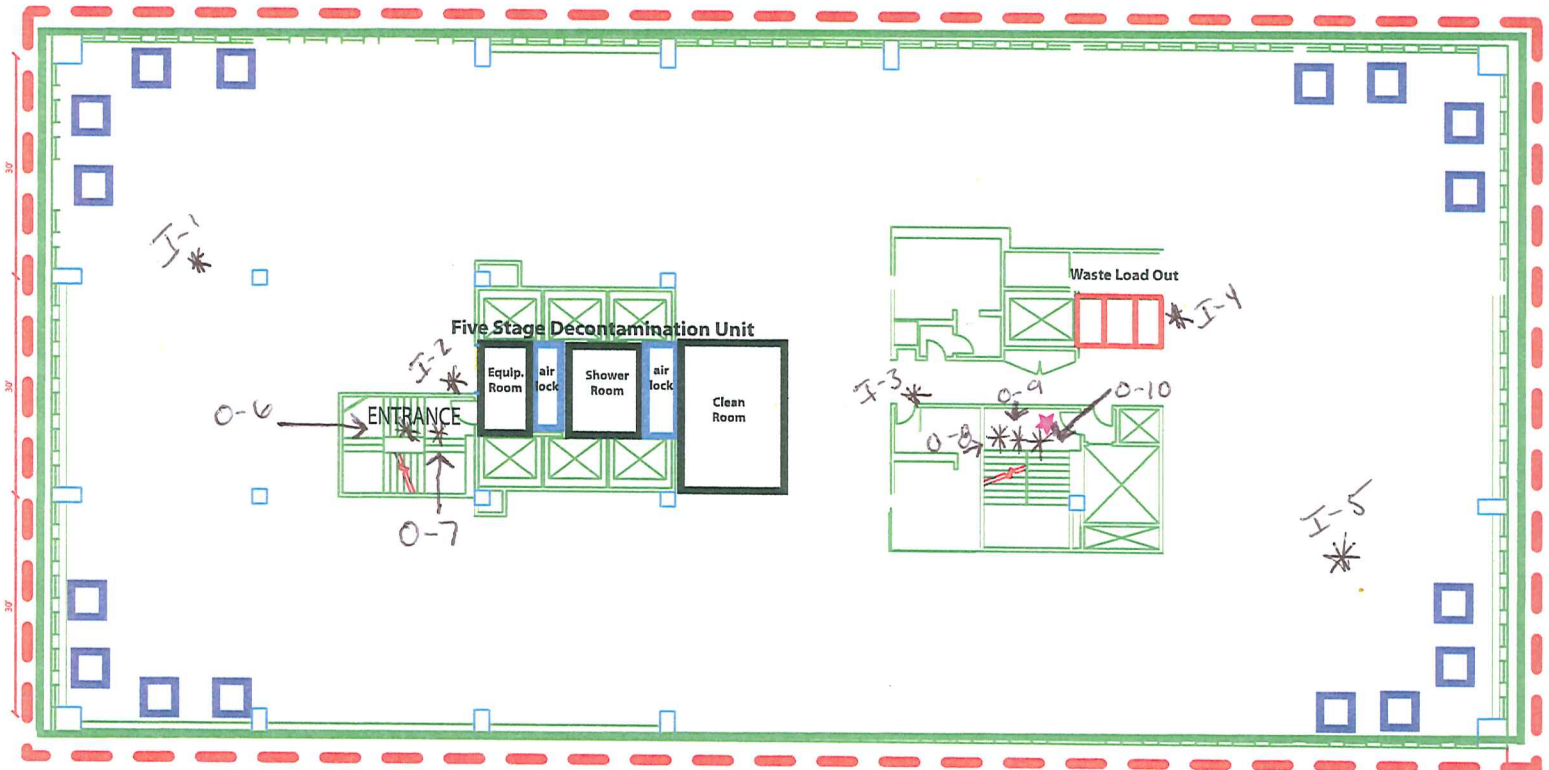
Cambria Contracting
5105 Lockport Road
Lockport, NY 14094 Tel. 716-625-6690

Drawn by
Scale as shown
Date

Background Air Samples - 09/02/09

* Sample Locations

* Outside Samples are in the stairwells.



Negative Air Machines: Machines will be placed upon clearance of floors 12-14

Splash Guard: 4 foot 6mil Fire Retardant Poly Installed from the floor

Critical Barriers:

Waste Load Out: Waste Load Out Unit 2"x 4" Framing with 1/2" Plywood 2 layers of 6mil Fire Retardant Poly on Walls & Ceilings. 2 Layers of 6mil Fire Retardant Reinforced Poly on the Floors

Decontamination Unit: 2x4 Framing with 1/2" plywood 2 layers of 6mil fire retardant Poly on walls & ceilings 2 layers of 6mil fire retardant / reinforced poly on the floors

Temporary Electric:

WORK AREA #1

DECON LOCATION ONLY

MIDTOWN TOWER

11th Floor AbatementPlan

Cambria Contracting

5105 Lockport Road

Lockport, NY 14094 Tel. 716-625-6690

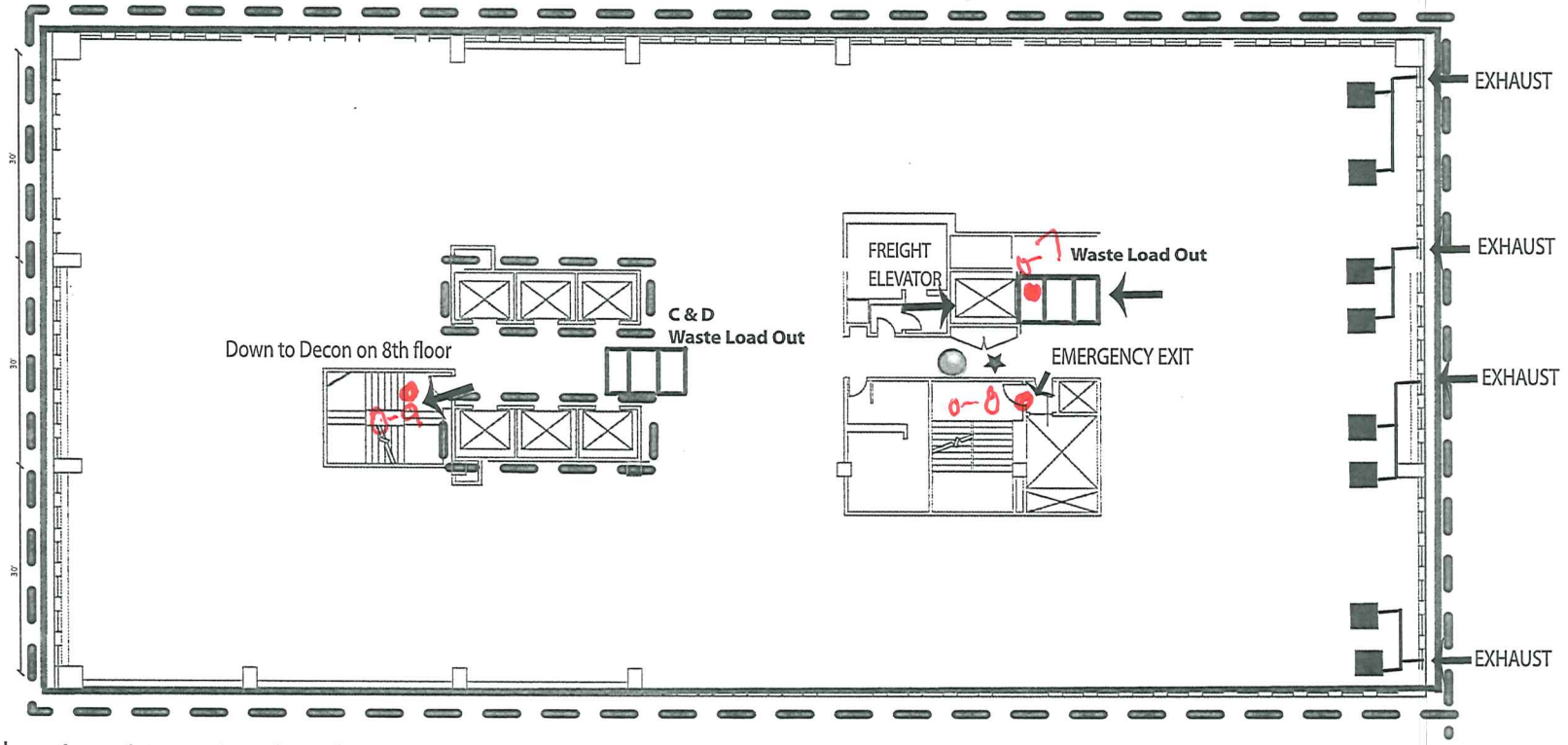
Drawn by

Scale as shown

Date 09.10.09

11th flo - Prep Air Samples
12/15/09 → 12/15/09

• Sample Location



Splash Guard: 4 foot 6mil Fire Retardant Poly installed from the floor

Critical Barriers: - - -

Negative Air Machines: ■ 2 Units Stacked

Waste Load Out: Waste load out unit 2"x 4" framing with 1/2" plywood 2 layers of 6mil fire retardant poly on walls & ceilings. 2 layers of 6mil fire retardant reinforced poly on the floors

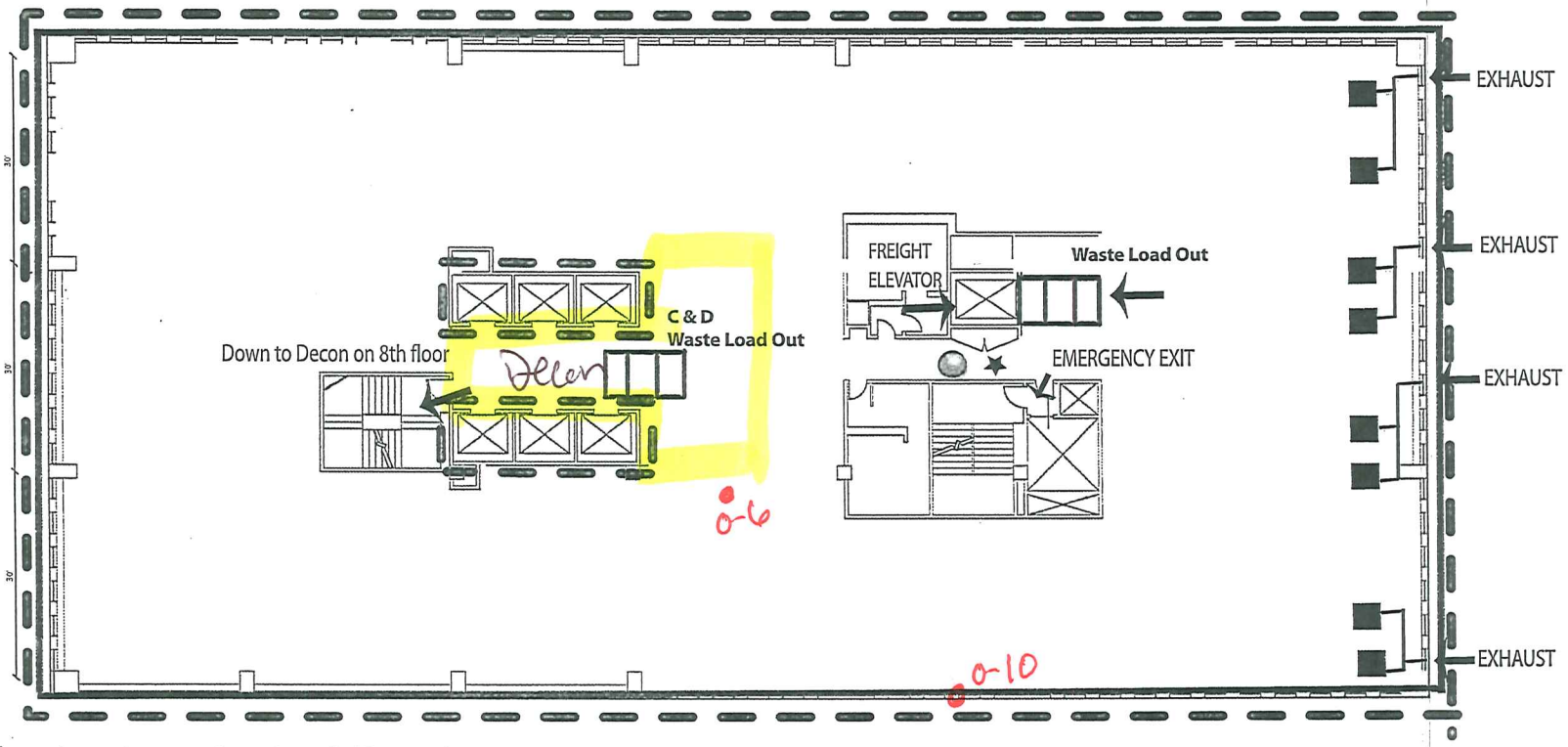
Temporary Electric: ✶
100 AMP GFCI Panel fed from 3rd floor

Temporary Water ●
Fed From 17th Floor

Typical Exhaust:
3/4" plywood sized to fit window
12" openings (4 units per window)
12" flex duct connecting NAM to Exhaust

work area #3

MIDTOWN TOWER 11th Floor AbatementPlan	Cambria Contracting 5105 Lockport Road Lockport, NY 14094 Tel. 716-625-6690	Drawn by Scale as shown Date	11



Splash Guard: 4 foot 6mil Fire Retardant Poly installed from the floor

Critical Barriers:

Negative Air Machines: 2 Units Stacked

Waste Load Out: Waste load out unit 2"x 4" framing with 1/2" plywood 2 layers of 6mil fire retardant poly on walls & ceilings. 2 layers of 6mil fire retardant reinforced poly on the floors

Temporary Electric:
100 AMP GFCI Panel fed from 3rd floor

Temporary Water
Fed From 17th Floor

Typical Exhaust:
3/4"" plywood sized to fit window
12" openings (4 units per window)
12" flex duct connecting NAM to Exhaust

MIDTOWN TOWER
Floor AbatementPlan

Cambria Contracting
5105 Lockport Road
Lockport, NY 14094 Tel.716-625-6690

Drawn by
Scale as shown
Date

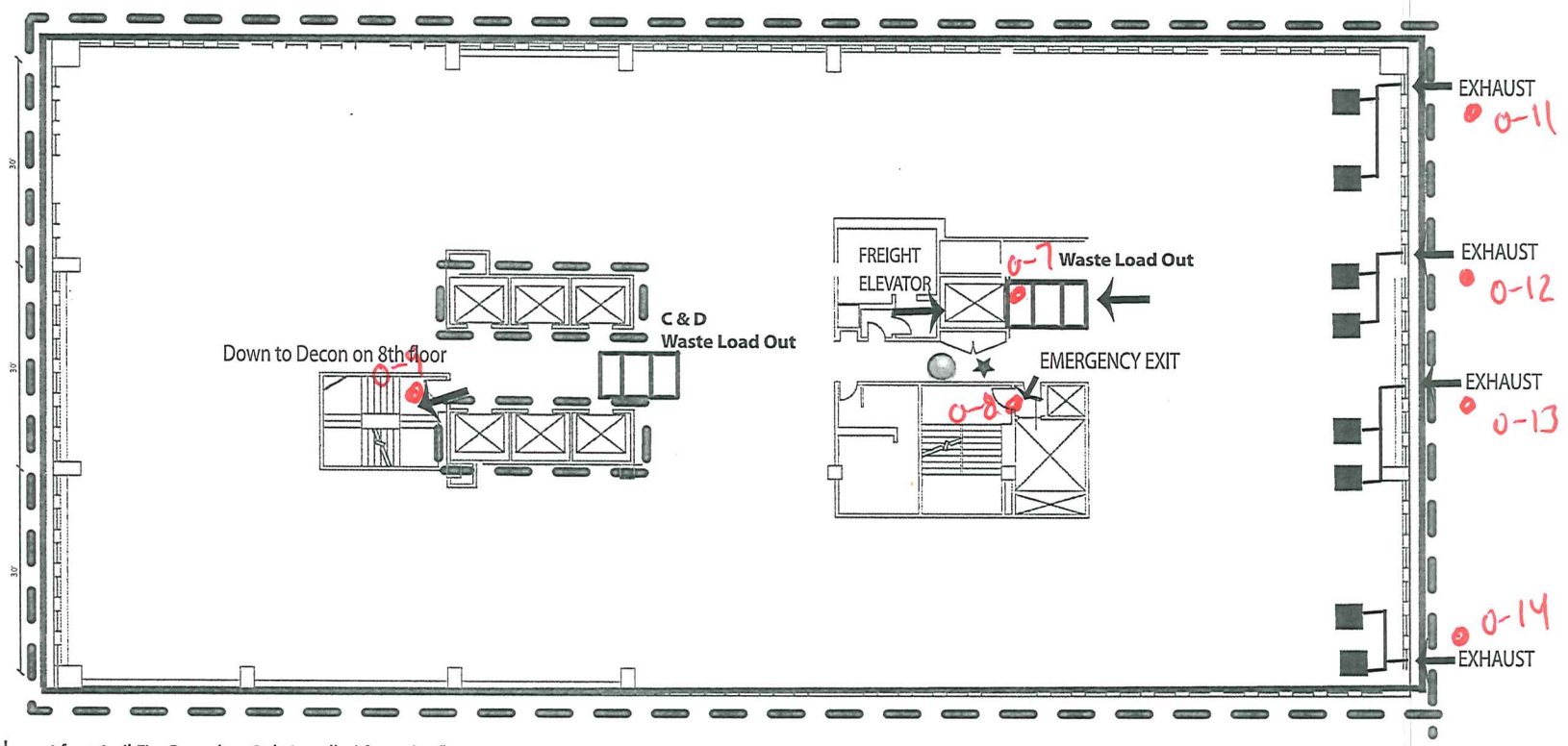
12

17th floor

11th floor IIB / IIC final clean days

IIB - 12/16/09 → 1/28/10

IIC - 1/29/10 → 1/24/10



Splash Guard: 4 foot 6mil Fire Retardant Poly installed from the floor

Critical Barriers:

Negative Air Machines: 2 Units Stacked

Waste Load Out: Waste load out unit 2"x 4" framing with 1/2" plywood 2 layers of 6mil fire retardant poly on walls & ceilings. 2 layers of 6mil fire retardant reinforced poly on the floors

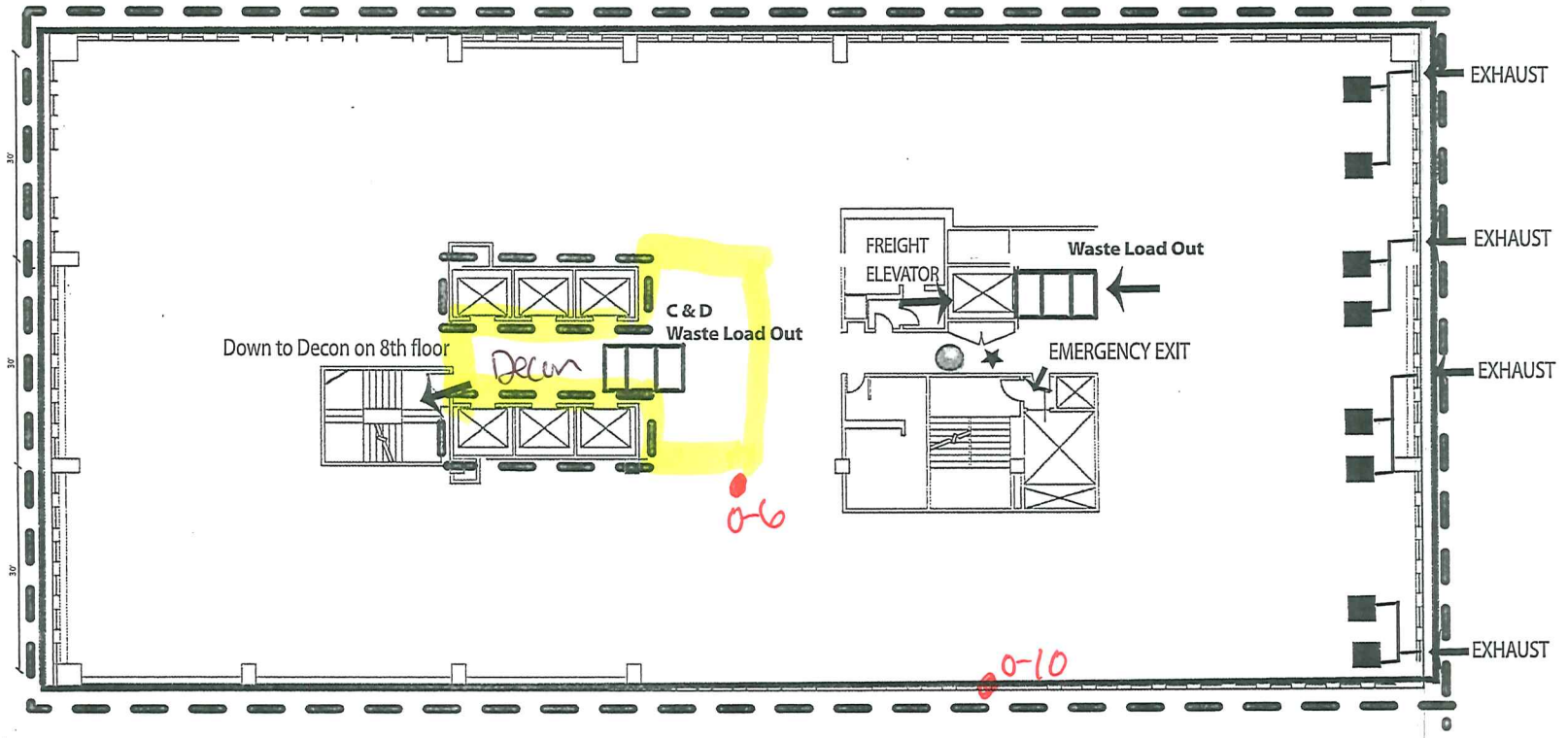
Temporary Electric:
100 AMP GFCI Panel fed from 3rd floor

Temporary Water
Fed From 17th Floor

Typical Exhaust:
3/4"' plywood sized to fit window
12" openings (4 units per window)
12" flex duct connecting NAM to Exhaust

work area #3

MIDTOWN TOWER 11th Floor AbatementPlan	Cambria Contracting 5105 Lockport Road Lockport, NY 14094 Tel. 716-625-6690	Drawn by Scale as shown Date	11



Splash Guard: 4 foot 6mil Fire Retardant Poly installed from the floor

Critical Barriers:

Negative Air Machines: 2 Units Stacked

Waste Load Out: Waste load out unit 2"x 4" framing with 1/2" plywood 2 layers of 6mil fire retardant poly on walls & ceilings. 2 layers of 6mil fire retardant reinforced poly on the floors

Temporary Electric:
100 AMP GFCI Panel fed from 3rd floor

Temporary Water
Fed From 17th Floor

Typical Exhaust:
3/4'" plywood sized to fit window
12" openings (4 units per window)
12" flex duct connecting NAM to Exhaust

MIDTOWN TOWER

Floor AbatementPlan

Cambria Contracting
5105 Lockport Road
Lockport, NY 14094 Tel. 716-625-6690

Drawn by
Scale as shown
Date

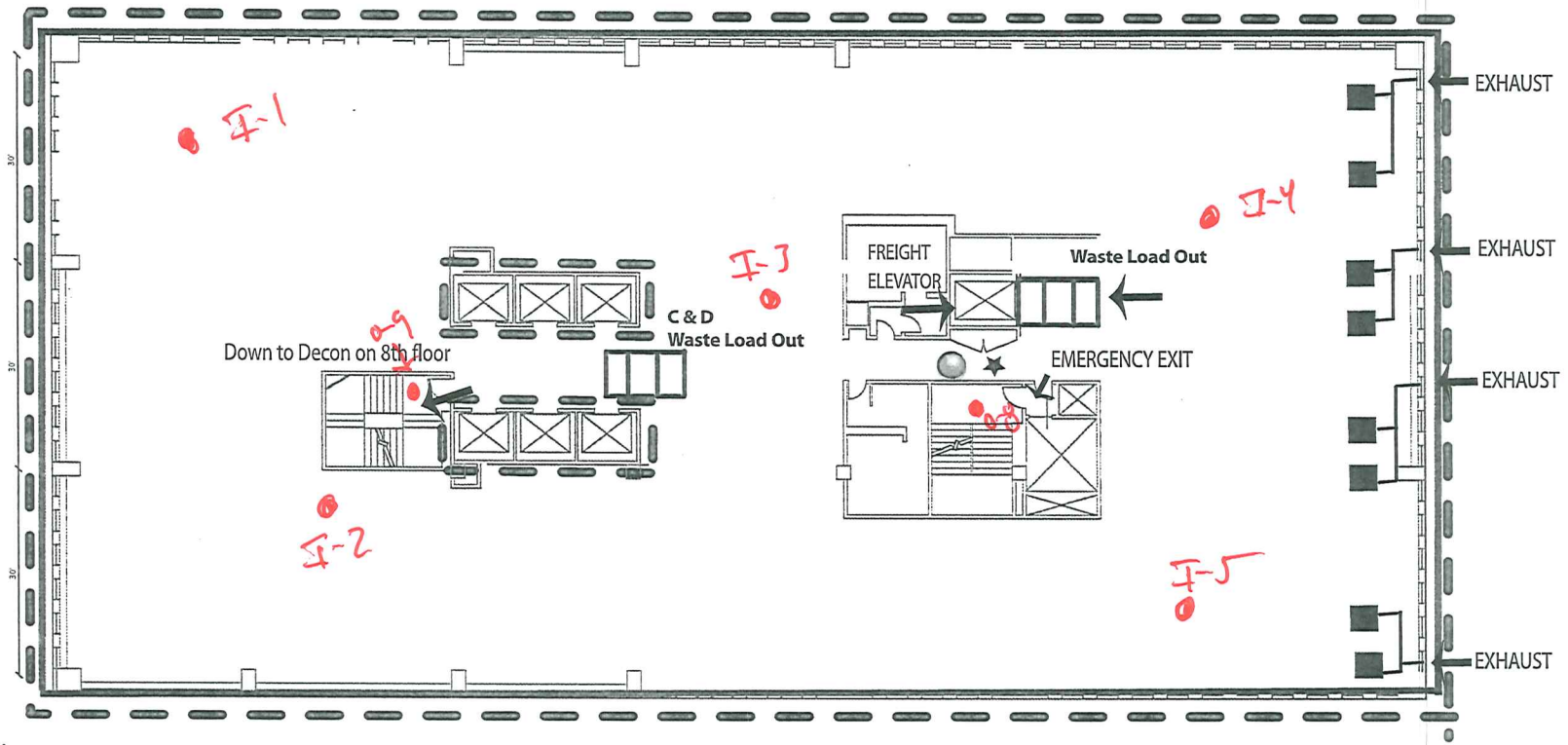
12

12th floor

11th floor final clearance Airs

1/30/10

• Sample Location



Splash Guard: 4 foot 6mil Fire Retardant Poly installed from the floor

Critical Barriers:

Negative Air Machines: 2 Units Stacked

Waste Load Out: Waste load out unit 2"x 4" framing with 1/2" plywood 2 layers of 6mil fire retardant poly on walls & ceilings. 2 layers of 6mil fire retardant reinforced poly on the floors

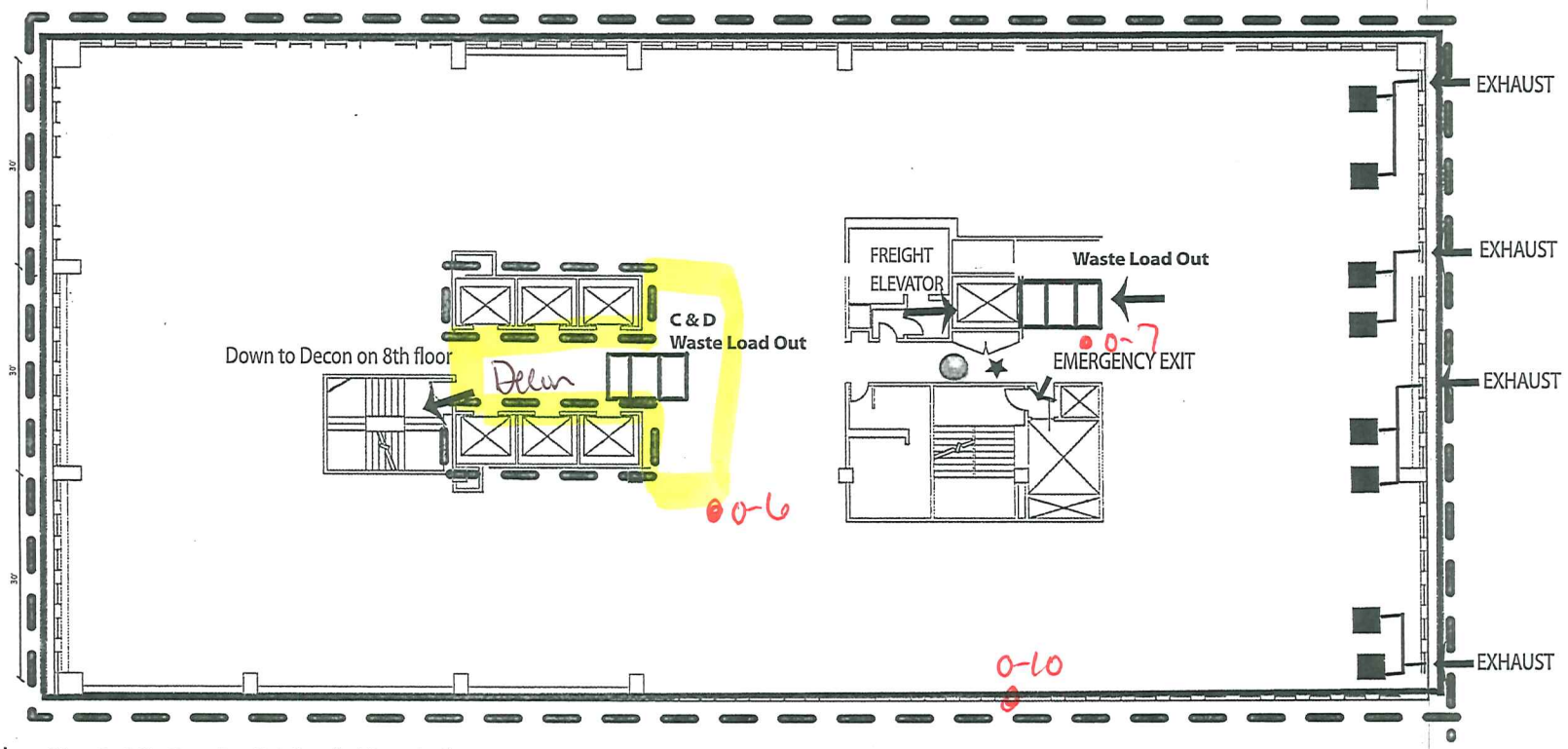
Temporary Electric:
100 AMP GFCI Panel fed from 3rd floor

Temporary Water
Fed From 17th Floor

Typical Exhaust:
3/4'" plywood sized to fit window
12" openings (4 units per window)
12" flex duct connecting NAM to Exhaust

work area #3

MIDTOWN TOWER 11th Floor AbatementPlan	Cambria Contracting 5105 Lockport Road Lockport, NY 14094 Tel. 716-625-6690	Drawn by Scale as shown Date	11



Splash Guard: 4 foot 6mil Fire Retardant Poly installed from the floor

Critical Barriers:

Negative Air Machines: 2 Units Stacked

Waste Load Out: Waste load out unit 2"x 4" framing with 1/2" plywood 2 layers of 6mil fire retardant poly on walls & ceilings. 2 layers of 6mil fire retardant reinforced poly on the floors

Temporary Electric:
100 AMP GFCI Panel fed from 3rd floor

Temporary Water
Fed From 17th Floor

Typical Exhaust:
3/4"" plywood sized to fit window
12" openings (4 units per window)
12" flex duct connecting NAM to Exhaust

MIDTOWN TOWER

Floor AbatementPlan

Cambria Contracting
5105 Lockport Road
Lockport, NY 14094 Tel. 716-625-6690

Drawn by
Scale as shown
Date

12

12th floor

P.M. Logs & FVI
Misc. Sampling

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

NAME: Dave Parker	***DATE: 12/15/09***
Contract #	***Liro Job #:***
HOURS:0700-1730	***TASK: PM***

TIME	***ACTIVITY- Midtown Tower, 9th and 10th floor and 11th floor***
0700	Final clearance air samples for the 9th and 10th floor have passed. I notified Mark D. and Sergiy of results. Crews will begin to tear down area immediately.
0800	Checked location of all workers. Currently there are: - 3 workers outside the area doing misc work - 4 workers on 12th floor to finish building the decon that will be used for the 11th floor - 19 workers on the 9th and 10th floor tearing down all critical barriers
0900	Workers are concentrating on tearing down and post cleaning the 9th and 10th floor. Crew has a HEPA vacuum as well as rags to insure any debris they come across will be cleaned up in a timely manner. Crew knows to tear down the decon last to insure any debris found can be handled properly. Crew will vacuum around perimeter wall and interior walls after critical are broken down to insure any debris that may fall is cleaned up. Not much debris fell but crew vacuumed anyway to insure cleanliness of area.
0930	While the crew tore down critical I inspected most barriers to insure no major debris was sealed away and left behind. No such spots were found in any areas I inspected. I will post inspect entire area upon completion of tear down.
1115	Spoke with Mark D and Bill to figure out crews plan when they complete the tear down. Mark said the crew will concentrate on the 11th floor before the holiday break. Crews will not begin any work on the 6th, 7th and 8th floor area until they complete their portion of the 11th floor. I told Mark and Bill to make sure the crew does no prep work on any floor without notifying me first. The crews' goal is to finish scrapping the beams and decking before the Christmas break.
1230	Lunch and paperwork.
1330	After lunch the crew stayed in same areas as before lunch. There are still: - 3 workers outside containment moving equipment - 4 workers building decon on the 12th floor - 19 workers tearing down 9th and 10th floor area
1430	Inside area to continue to post inspect area while crew tore down critical barriers. No major debris was found behind any critical the crew did a wonderful job to insure no debris was caught behind any barriers.
1600	Crew finished the decon unit on the 12th floor. I will set up IIA prep air samples for area beginning tomorrow.
1700	Crew competed tear down of entire 9th and 10th floor area. All poly and materials were removed from area as ACM. The area looks very good.
1730	Off site.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

NAME: Dave Parker	***DATE: 12/16/09***
Contract #	***Liro Job #:***
HOURS:0700-1730	***TASK: PM***

TIME	*ACTIVITY- Midtown Tower- 11th floor*
0700	On site/ set up IIA prep air samples for the 11th floor. 5 samples have been set up around the area beginning with the decon sample 0-6. The 0-7 waste out sample was set up outside the freight elevator on the 11th floor. My first critical barrier sample 0-8 was set up above the old spiral staircase on the 12th floor. My second critical barrier sample is in the stairwell on the 11th floor. My ambient air sample 0-10 is set up on the 12th floor outside of a window on the east side of the floor. All samples 0-6 thru 0-10 will be set up in these same locations throughout the duration of the 11th floor.
0800	Checked location of all workers. There are currently: - 4 workers outside of the area loading out c & d waste from the 11th floor. - 1 worker doing misc work on multiple floors - 21 workers prepping the 11th floor area.
0900	Inspected work on the 11th floor. Prep work for this area consists mostly of polying perimeter windows. The area has a lot of workers and this prep work did not take very long to complete. Upon completion of prepping all windows the crew began to install negative air machines in the same areas as the rest of the floor. 16 negative air machines will be utilized to achieve negative pressure. These machines will be set in banks of 4 and exhausted out the east side windows. As soon as these are up and running I will begin to monitor exhausted air.
1045	On 9th and 10th floor to complete post inspection of all areas of the floor. I will concentrate on areas where critical barriers were to insure no debris was sealed out of the area and left behind. All areas of these floors looked great. I am impressed with the completeness of abatement and cleanliness of the area.
1230	Lunch and paperwork.
1345	After lunch the crew began to take down ceiling tiles and properly clean them as per their variance. The crew will wet wipe and HEPA vacuum all tiles. I told crew that tiles with fiberglass backing or water stains are to be disposed of as ACM. Crews pulled multiple tiles as ACM. I was in the area to inspect all tiles to insure they are properly cleaned. All tiles taken out as C&D are clean and free of debris.
1500	Crew continued work in same areas for the remainder of the day. I stayed in area throughout the entire day to inspect all ceiling tiles as the crew cleaned them.
1645	Crew completed approx. 85% of removal of all ceiling tiles. Crew will continue removal of ceiling tiles tomorrow and begin with above ceiling demo.
1700	Began breaking down all IIA air samples. All pumps are still running at 3 LPM. Samples will be submitted to Paradigm on my way home.
1730	Off site.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

NAME: Dave Parker	***DATE: 12/17/09***
Contract #	***Liro Job #:***
HOURS:0700-1730	***TASK: PM***

TIME	*ACTIVITY- Midtown Tower- 11th floor*
0700	On site/ set up all air samples for the 11th floor including all negative air samples 0-11 thru 0-14. All pumps were set up at 3 LPM and are in same locations as previously stated.
0800	Checked location of all workers. Currently there are: - 6 workers outside area loading out C&D waste from the 11th floor. - 1 worker outside area doing misc work on multiple floors - 19 workers completing removal of ceiling tiles on the 11th floor
0900	Inside area to inspect removal of remaining ceiling tiles. Remainder of tiles were all cleaned and removed from area as C&D waste.
0950	Crew completed removal of all ceiling tiles. Crew is now beginning to do grid work and above ceiling demo. Crews will cut seal and clean all ductwork coming out of the area.
1100	Outside of area to do paperwork for the completion of the 9th and 10th floor. Also spoke with area supervisors.
1245	Lunch and paperwork.
1345	Back in area to inspect and make sure workers are properly cleaning all ductwork and pipes coming out of the area. All waste is being properly cleaned to insure no debris remains on any materials.
1530	Crew remained in same area after lunch. Crews will concentrate on the 11th floor until they are finished with their portion of the floor.
1630	Crew is approx. 35% complete with above ceiling demo by the end of the day. Crew will continue to demo above the ceiling tomorrow and prep the area for scrap.
1700	Began breaking down all IIB air samples. All pumps are still running at 3 LPM. Samples will be submitted to Paradigm on my way home.
1730	Off site.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

NAME: Dave Parker	*DATE: 12/18/09*
Contract #	*Liro Job #:*
HOURS:0700-1730	*TASK: PM*

TIME	*ACTIVITY- Midtown Tower- 11th floor*
0700	On site/ set up all IIB air samples for the 11th floor. All samples have been set up at 3 LPM. Samples are in same locations as previously stated.
0800	Most workers are on the 11th floor continuing with above ceiling demo. Crew will continue above ceiling demo as well as C&D waste out today. There are currently 22 workers inside the 11th floor and 4 workers outside the area doing misc work.
1000	I told Mark and Sergiy to closely monitor the manometer to make sure the crew is properly sealing all critical barriers.
1030	On the 11th floor to inspect all demo work being done. Crew was told to re-clean one piece of ductwork other than that the crew is doing a good job of cleaning all pipes and ductwork coming out. The debris found I don't believe was ACM but I had the crew re-clean it anyways to make sure no one mistakes it for ACM.
1230	Lunch and paperwork.
1330	Crew in same areas for remainder of day. The crew will complete above ceiling demo on the 11th floor today and clean up and prep the area for scrap tomorrow.
1530	The crew has finished with above ceiling demo and is not beginning to clean up all debris as well as wet down material to prep it for scrap tomorrow.
1700	Broke down all IIB air samples. All pumps are still running at 3 LPM. Samples will be submitted to Paradigm on my way home.
1730	Off site.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

NAME: Ted Tronnes	***DATE: 12-19-09***
Contract #	***Liro Job #:***
HOURS: 0700-1730	***TASK: P.M.***

TIME	*ACTIVITY Midtown Mall- 2B & Tower – 11th floor*
0700	On site. Set up pumps for 2B containment.
0730	Helped Josh set up pumps for Seneca Bldg. 4th floor containment.
0745	Set up air samples for Tower 11th floor. Dave P. is running late today.
0815	Talked to Bill B. about work in 2A containment and he would like visual before Christmas.
0930	Check on pumps and C&D coming out of waste out. No issues at this time.
1000	Over to office to start paperwork.
1045	Over to Mall to check on work. 22 Cambria employees on site in Mall today.
1115	Manometer reading of -0.032 for 2B containment.
1130	Dave's car is not working and will not be here today.
1145	Broke down pumps for 2A containment.
1215	Talked to Louis about Tower containment and they are staying until 1730 today.
1230	Checked pumps and all are running good.
1300	Over to office for paperwork.
1330	Lunch
1400	Over to Tower with Kris. 30 workers in Tower. 24 workers in containment, 3 workers outside, and 3 supervisors. Walk through of 10th through 13th floors with Kris.
1500	Check on manometer reading for 11th floor. -0.055

1520	In 11th floor containment.
1620	Out of containment. Bulk scrap approximately 40% complete. Wet methods being used. Informed Todd and Sergiy of progress.
1700	Started to break down pumps.
1730	Finished paperwork and off site.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

NAME: Dave Parker	***DATE: 12/21/09***
Contract #	***Liro Job #:***
HOURS:0700-1730	***TASK: PM***

TIME	***ACTIVITY- Midtown Tower-11th floor***
0700	On site/ set up IIB air samples for the 11th floor. All pumps have been set up at 3 LPM. Samples are in same locations as previously stated.
0800	Spoke with Sergiy and Mark to see what workers will be doing today. Workers are continuing to scrap all beams and decking on the 11th floor. Crew started day by cleaning and containerizing materials and loading out all ACM boxes down to the 2nd floor. Upon completion of load out crew will continue to bulk remove asbestos containing spray on.
0845	Currently there are: - 3 workers outside containment loading out ACM waste - 21 workers on the 11th floor bulk removing spray on - 1 worker outside area doing misc work on the 2nd floor
1000	Inside area to inspect work being done. Crew is working west to east on the 11th floor. The crew is approx 65% complete with removal of spray on. Crew was reminded that debris should not sit on the ground. The crew must make sure all debris is containerized in a timely manner. As soon as I told Gregory he moved a worker who was scrapping to the floor to assist with the containerizing of materials. While in the area I inspected all critical barriers to insure no outside contamination. All barriers were sealed tight.
1130	Checked all pumps to insure operation. All pumps are good and appear to be running the same as when they were set up.
1245	Lunch and paperwork.
1345	Spoke with mark and Sergiy about the crews plan for the remainder of the week. Sergiy said the crew will concentrate on the 11th floor this week as well as next week. He said the crew may begin some prep on the 6th, 7th and 8th floor next week.
1445	Checked all pumps to make sure they were still running. All pumps are running properly.
1530	In area to check work and progress. Workers are approx 75% complete with bulk removal of spray on from beams and decking. The crew is making good progress and should be at about 80% by the end of the day. The crew should finish bulk removal tomorrow and begin power washing soon as well.
1640	Completed air sampling paperwork.
1710	Began breaking down all IIB air samples. Are pumps are still running at 3 LPM. Samples will be submitted to Paradigm on my way home.
1730	Off site.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

NAME: Dave Parker	***DATE: 12/22/09***
Contract #	***Liro Job #:***
HOURS:0700-1730	***TASK: PM***

TIME	***ACTIVITY- Midtown Tower- 11th floor***
0700	On site/ set up IIB air samples for the 11th floor. All pumps were set up at 3 LPM. Samples are in the same locations as previously stated.
0800	Spoke with Sergiy about location and activities of workers. Sergiy said crew is mostly on the 11th floor completing the scrap. Currently there are: - 3 workers outside loading the trailer at the Wegmans loading dock - 21 workers on the 11th floor continuing to scrap ACM fireproofing
0900	In 11th floor area to inspect all work being done. Crew is on the last 10% of the floor and should finish shortly. Upon completion of the scrap the crew will begin to power wash. Area looks good I have no concerns with the area at this time.
1010	Checked all pumps to insure operation. All pumps appear to be running the same as when I set them up.
1100	Notified by Mark D that crew has completed scrapping beams and deck of fire proofing. Crew has begun to power wash all beams and decking. The crew is working in the same fashion as they scrapped. They are working west to east. Today they are utilizing 2 power washers; tomorrow they will be using 4 power washers. Majority of crew is on the floor cleaning up all water and debris as it falls.
1145	In area watching crew work and making sure water is cleaned fast enough. Generally when so much water is being used in an area leaks become a major concern. The crew is working very well to insure no water remains on the floor.
1300	Lunch and paperwork.
1400	After lunch a small crew continues to load up the trailer at the Wegmans loading dock. Majority of crew is now concentrating on power washing the 11th floor. Workers are still in same locations as before lunch with 3 workers loading the trailer and 21 workers power washing the 11th floor.
1445	Checked all pumps to insure they are running properly. All pumps appear to be running the same as when I set them up.
1530	Checked 10th floor for leaks that would be coming from the 11th floor. The 10th floor does not appear to contain any water that would suggest a leak.
1600	Back in area to inspect progress. The crew is on the 2nd set up bays power washing all beams. It is too early to put a percentage on progress. When the crew gets more power washers tomorrow they should begin to work faster.
1645	Finished air sampling paperwork.
1700	Began to break down all pumps. All pumps are still running at 3 LPM. Samples will be submitted to Paradigm on my way home.

1730	Off site.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

NAME: Dave Parker	***DATE: 12/23/09***
Contract #	***Liro Job #:***
HOURS:0700-1430	***TASK: PM***

TIME	***ACTIVITY- Midtown Tower- 11th floor***
0700	On site/ set up all IIB air samples for the 11th floor. All pumps were set up at 3 LPM and placed in the same areas as previously stated.
0800	Spoke with Mark D. about location and tasks of crew. Mark said the crew will continue to power wash the 11th floor today. Currently there are: - 3 workers outside the area doing misc work - 21 workers on the 11th floor power washing all beams and decking.
0900	In area to inspect work and progress. Workers on the 11th floor are currently utilizing 4 power washers. There are 8 workers on scaffolds and the remaining workers on the floor cleaning up all water and debris as it falls. Workers are doing a very good job to insure water does not stay on the ground very long. Workers are using squeegees and shovels to containerize all liquid materials.
1015	Spoke with Mark D and Sergiy about crews' plans when they return back to work after the holiday break. Sergiy said crew will concentrate on finishing the 11th floor power wash and begin prep work on the 6th, 7th and 8th floor. Sergiy said crew on Monday, 12/28/09, will power wash on the 11th floor. Crew will begin some prep work upon completion of power washing phase.
1100	Checked all pumps to insure they are running properly. All pumps appear to be running the same as when I set them up.
1145	Crew will work thru lunch in order to get out at 1430. Crew will remain in same locations for the rest of the day.
1215	Checked 10th floor for any signs of leakage from the 11th floor. No water was found on the 10th floor that would suggest a leak.
1300	In area to inspect progress. Crew is approx 65% complete with power washing of beams and deck.
1345	Finished air sampling paperwork.
1400	Began to break down all IIB air samples. All pumps are still running at 3 LPM. Samples will be submitted to Paradigm on my way home.
1430	Off site.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

NAME: Dave Parker	***DATE: 12/28/09***
Contract #	***Liro Job #:***
HOURS:0700-1730	***TASK: PM***

TIME	***ACTIVITY- Midtown Tower- 11th floor***
0700	On site/ set up all IIB air samples for the 11th floor. All pumps were set up at 3 LPM. Samples are in same locations as previously stated.
0800	Spoke with Sergiy and Mark D about crews plan for today as well as the remainder of the week. Sergiy said crew today will concentrate on finishing the power wash on the 11th floor. Upon completion of power wash crew will clean 11th floor area as well as begin prep on the 6th, 7th and 8th floor area. Currently there are: - 2 workers outside the area doing misc work - 20 workers on the 11th floor continuing to power wash all beams and decking
0900	In area to inspect work and progress. Crew is approx. 75% complete with power wash phase. Crew is doing a good job to insure no water remains on the floor longer than necessary. Majority of workers are using squeegees and shovels to containerize all materials as they fall.
1015	On 10th floor to inspect for any signs of leaks. No water was found on the 10th floor that would suggest any leaks are occurring.
1100	Checked all pumps to insure operation. All pumps appear to be running properly.
1145	Workers from local 435 have begun some demo on the 15th, 16th and 17th floor. Currently there are 3 workers on the 15th floor removing drywall and studs throughout the floor. These floors have all been cleared of asbestos so the crew can do any demo they would like as long as it doesn't affect the integrity of the structure. Workers will still told to notify me if they come across any materials they suspect to be ACM.
1300	Lunch and paperwork.
1400	Crews all remain in same places as before lunch. Crews continue to power wash the 11th floor as well as small crew moving equipment from the 8th floor to the 5th floor. No work is being done on the 6th, 7th or 8th floor.
1445	Spoke with Sergiy to see if crew will be working on the 6th, 7th and 8th floor tomorrow. Sergiy said crew will begin some prep work on these floors tomorrow. I will set up IIA prep air samples on these floors tomorrow.
1540	Notified by Mark that the crew has finished power washing the 11th floor. The workers on the 11th floor will remain on the floor and clean up for the rest of the day.
1600	In area to inspect all beams and decking for cleanliness. The beams and deck look very good. The crew will have to final clean but the area looks good.
1645	Finished air sampling paperwork.

1700	Began to break down all IIB air samples. All pumps are still running at 3 LPM. Samples will be submitted to Paradigm on my way home.
1730	Off site.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

NAME: Dave Parker	***DATE: 12/29/09***
Contract #	***Liro Job #:***
HOURS:0700-1730	***TASK: PM***

TIME	***ACTIVITY- Midtown Tower- 11th floor - 6th, 7th and 8th floor***
0700	On site/ set up IIB air samples for the 11th floor as well as IIA air samples for the 6th, 7th and 8th floor.
	IIA prep air samples set up for the 6th, 7th and 8th floor area set up as per code rule 56. 0-6 samples is set up at the entrance of the decon. 0-7 is set up outside of the freight elevator. Sample 0-8 is set up in the western stairwell on the 6th floor. The 0-9 sample is set up in the western stairwell on the 7th floor. The 0-10 sample is set up on the 5th floor outside of a window. These samples will be set up in the same locations throughout the duration of these floors. When the project enters phase IIB these samples will remain in the same locations with the addition of negative air samples.
0800	Spoke with Mark D for location and tasks of all workers. Crew on the 11th floor is removing floor tiles as well as cleaning around the area. Workers are also doing minor prep work on the 6th, 7th and 8th floor. Crews are also moving equipment from the 8th floor to the 5th floor. Currently there are: - 2 workers outside containment moving supplies from 8th floor to 5th floor - 2 workers moving negative air machines from storage to floors 6 thru 8 - 2 workers installing framework in the windows for negative air exhaust - 15 workers removing floor tile on the 11th floor
0900	In 11th floor area to inspect work. Crew is removing and containerizing all floor tiles throughout the area. Most workers are using manual scrappers to remove floor tiles while one worker is using a floor tile machine to remove floor tiles. Workers have just begun to remove floor tiles. They are making good progress but it is too early to out a percentage on progress.
1015	On 6th, 7th and 8th floor to check progress of prep work. Workers have begun to poly perimeter windows as well as frame windows that will be used for negative air exhaust. I have no concerns with any prep work at this time.
1100	At office to update maps and logs. Also began air sampling paperwork.
1245	Lunch and paperwork.
1345	After lunch all workers went to same locations as before lunch.
1410	On 11th floor to inspect progress of floor tile removal. Workers are making great progress and are approx. 75% complete with removal of all tiles. Workers will most likely finish removing all tiles on the 11th floor today.
1500	On 6th, 7th and 8th floor to inspect prep work. Crew is making slow progress and will not complete the prep today. The area is 3 floors and will require multiple days of prep. I will set up IIA air samples on these floors tomorrow.

1605	Workers have finished removing all floor tiles on the 11th floor. Workers will begin to clean the area and prep it for mastic removal. Workers will clean in this area for the next few days.
1645	Finished air sampling paperwork.
1700	Began to break down all air samples. All pumps are still running at 3 LPM. Samples will be submitted to Paradigm on my way home.
1730	Off site.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Dave Parker	***DATE: 12/30/09***
Contract #	***Liro Job #:***
HOURS:0700-1730	***TASK: PM***

TIME	***ACTIVITY- Midtown Tower- 11th floor and 6th, 7th and 8th floor***
0700	On site/ set up IIB air samples for the 11th floor as well as IIA air samples for the 6th, 7th and 8th floor area. All pumps are set up at 3 LPM. All samples are in the same locations as previously stated.
0800	Workers are continuing to prep the 6th, 7th and 8th floor as well as clean up the 11th floor. Majority of crew is on the 11th floor cleaning. Currently there are: - 15 workers cleaning on the 11th floor - 2 workers building a waste decon on the 6th floor* - 2 workers hooking up and testing negative air machines on the 6th, 7th and 8th floor - 2 workers moving equipment to the 6th, 7th and 8th floor *Upon completion of waste decon on 6th floor crews will move to the 7th then 8th floor.
0900	On 6th, 7th and 8th floor to check work and make sure workers are taking proper steps during prep. Workers are doing all the proper steps for prep but they still have a lot of prep work to be done. Workers are not likely to finish prep work today.
1015	In 11th floor to inspect work being done. Workers are doing a detailed clean while they wait for Green Earth to begin mastic removal. This is not their final clean stage but will make the final clean a little easier. Workers were reminded that pigeon holes and perimeter beams seem to be the most missed spots. Workers are doing a good job taking their time and doing it right.
1200	Spoke with Bill and Mark about plans and progress.
1300	Lunch and paperwork.
1400	After lunch all crews stayed in the same areas as before lunch. Crew will continue to clean on the 11th floor as well as prep the 6th, 7th and 8th floor.
1430	In 11th floor area to assist with cleaning. Pointed out multiple spots that I will be looking at closely during the final visual inspection. Crews so far are doing a good job cleaning.
1600	Walked thru 6th, 7th and 8th floor to check progress of prep work. Crews still have some prep work to be done and are not yet under negative pressure. I will be setting up IIA air samples for this area again tomorrow.
1645	Completed air sampling paperwork.
1700	Began to break down all air samples. All pumps are still running at 3 LPM. Samples will be submitted to Paradigm on my way home.
1730	Off site.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

NAME: Dave Parker	*DATE: 12/31/09*
Contract #	*Liro Job #:*
HOURS:0700-1430	*TASK: PM*

TIME	*ACTIVITY- Midtown Tower- 6th,7th and 8th floor and 11th floor*
0700	On site/ set up IIB air samples for the 11th floor as well as IIA air samples for the 6th, 7th and 8th floor. All pumps are set up at 3 LPM. Samples are in same locations as previously stated.
0800	Checked locations and tasks of all workers. Currently there are: - 12 workers on the 11th floor continuing to clean all areas - 2 workers on the 7th floor building the waste decon around the freight elevator - 2 workers on the 8th floor building the waste decon around the freight elevator - 2 workers on 6th, 7th and 8th floor applying poly to critical barriers - 2 workers loading out materials from the 11th floor - 1 worker doing misc work throughout the 6th, 7th and 8th floor
	Workers from local 435 are on 16th floor doing soft demo. This floor is asbestos free so workers can do the entire interior demo. Workers were informed to notify me if they come across any materials they suspect to be asbestos. Workers are removing drywall and other materials that remain on the floor.
0915	In 6th, 7th and 8th floor area to inspect progress of prep work. Most workers are still prepping area while others have begun to demo areas around freight elevator as well as some interior walls. Crews are allowed to do demo before they establish negative air as long as they do not impact any asbestos. I watched the demo for a while to insure they are being careful. Workers are taking down walls that do not contain any asbestos as well as walls that do not surround any asbestos. I have no concerns with this demo at this time.
1030	In 11th floor area to inspect clean. I checked areas that have already been cleaned. Areas look good but will still require a final wipe down. I inspected multiple areas and found only minor debris left behind. These areas were pointed out to the area supervisor.
1145	Crew will work thru lunch to get out at 1430.
1200	At office to complete paperwork and update maps.
1300	Spoke with Sergiy and Mark about crews plan when they return on Monday. Sergiy said crew will continue to clean the 11th floor as well as prep the 6th, 7th and 8th floor. He said when the crew returns they will focus more on the 6th, 7th and 8th floor. I will continue to set up IIA air samples for the 6th, 7th and 8th floor as well as IIB air samples for the 11th floor.
1400	Began to break down all air samples. All pumps are still running at 3 LPM. Samples will be submitted to Paradigm on my way home.
1430	Off site.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Dave Parker	*DATE: 1/4/10*
Contract #	*Liro Job #:*
HOURS:0700-1930	*TASK: PM*

TIME	*ACTIVITY- Midtown Tower- 6th, 7th and 8th floor and 11th floor*
0700	On site/ set up IIA air samples for the 6th, 7th and 8th floor. Also set up IIB samples for the 11th floor. All samples were set up at 3 LPM and are in the same locations as previously stated.
0800	Checked location and tasks of all workers in the tower. Currently crews are cleaning the 11th floor as well as prep work on the 6th, 7th and 8th floor. Currently there are: - 11 workers on the 11th floor cleaning beams and decking as well as wiping down all walls - 9 workers split between the 6th, 7th and 8th floor building waste decon units around the freight elevators
0900	In 11th floor area to inspect work and cleanliness. No mastic abatement has been done yet. Crews are cleaning all surfaces other than the floor. Crews are cleaning the beams and decking. I inspected areas that have already been clean and found most areas look very good. Some debris was found and these spots were pointed out to the crews' supervisor.
1015	On 6th, 7th and 8th floor to inspect work being done on floors. Crews are framing the waste decons on all floors. Workers will use these units for ACM waste when they begin removal. C&D waste will be loaded out the passenger elevators and freight elevator. Workers are building the waste outs as per code rule 56.
1130	Spoke with Mark and Sergiy about crews plan. Crew will be working 12 hours today and tomorrow to make up time. Crews are taking off Thursday and Friday to celebrate the orthodox holiday. Crews will continue to clean the 11th floor as well as prep the 6th, 7th and 8th.
1300	Lunch and paperwork.
1345	Crews continue to clean on the 11th floor as well as prep the 6th, 7th and 8th. Crews are back in same locations as before lunch.
1400	Checked all pumps to insure they are still running properly. All pumps appear to be running the same as when I set them up.
1430	Check manometer readings for both areas. Both areas are getting plenty of negative pressure. 6th, 7th and 8th floor reading: -0.032 11th floor reading: -0.049.
1510	In 6th, 7th and 8th floor area to check progress. Workers are still building waste decon units around the freight elevators. Crews will most likely finish these units today. After crews finish they will begin removal and load out of C&D waste.
1550	On 11th floor to check progress and cleanliness. Workers are still cleaning beams and deck as well as walls and bathroom floors. Crew is approx 60% complete and will need another day after today to finish all cleaning. Crews are doing a good job to insure pigeon holes are free of debris.
1630	Checked all pumps to insure they are working properly. Pumps appear to be running the same as when I set them up.

1715	Spoke with Sergiy, Mark and Bill about crews plan once they finish cleaning the 11th floor. They said upon completion of the 11th floor crews will concentrate on the 6th, 7th and 8th floor until Green Earth can remove the mastic off of the 11th floor. Green Earth is currently on the 2nd floor and will most likely be there for a few weeks. The 11th floor will stay untouched while it waits for the mastic crew.
1800	At Liro office to finish some paperwork and update maps.
1845	Began to break down all samples. All pumps are still running at 3 LPM. All samples will be submitted to Paradigm on my way home.
1930	Off site.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Dave Parker	*DATE: 1/5/10*
Contract #	*Liro Job #:*
HOURS:0700-1930	*TASK: PM*

TIME	*ACTIVITY- Midtown Tower- 6th, 7th and 8th floor and 11th floor*
0700	On site/ set up IIB air samples for the 11th floor as well as IIA air samples for the 6th, 7th and 8th floor. All samples have been set up at 3 LPM and are in the same locations as previously stated.
0800	In the 11th floor area to make sure workers are still cleaning in this area. Workers have a few minor spots to finish cleaning but will complete cleaning this floor by the end of the day. There are only a few workers on this floor today. The area looks good.
0840	Spoke with Mark and Sergiy to figure out locations of all workers. Currently there are: - 3 workers finishing the clean up on the 11th floor - 17 workers prepping area as well as doing demo
0920	On 6th, 7th and 8th floor to insure workers are properly prepping the area. Workers are doing demo and protection as they come across critical barriers. All critical barriers that were accessible to the crew have been protected. The crew is now demoing below ceiling. Crew is utilizing the freight elevator as well as the passenger elevators to remove C&D waste from the area and down to the 2nd floor. No ACM has been impacted so far.
1020	Checked workers doing demo on the 15th, 16th and 17th floors. Workers are doing demo of all walls and pipes. These floors are free of asbestos and crews know to notify me if they come across anything they believe may be asbestos. Crews will soon begin to scrap non ACM fireproofing. Crew is making good progress and I have no concern with demo work at this time.
1045	Checked manometer readings for both areas. 6th, 7th and 8th floor area: -0.044 11th floor area: -0.051. Both areas are drawing plenty of negative pressure.
1135	Spoke with Mark D. about crews plan for the day. Mark said crew will be working 12 hours again today. He said crew will remain in same areas after lunch and continue with same tasks for the remainder of the day. He also said the crew will finish cleaning the 11th floor today and begin to concentrate on the 6th, 7th and 8th floor tomorrow.
1215	Checked all pumps to insure proper operation. All pumps are good.
1300	Lunch and paperwork.
1400	On 11th floor to check progress of workers cleaning area. Workers have finished cleaning pigeon holes and wiping down remaining surfaces. These 3 workers will now be checking their work again and re cleaning anything they may have missed.
1500	Inside 6th, 7th and 8th floor area to inspect work being done. Crews are doing below ceiling demo and removing all debris created as C&D. Workers are being very careful not to impact anything beyond there scope of demo. I inspected areas in which the crew has completed demo to make sure nothing was impacted. All areas looked good and I am not concerned with

	any demo work done so far.
1615	Check all pumps to insure proper operation. All pumps appear to be running the same as when I set them up.
1700	Spoke with Sergiy about crews plan for tomorrow. He said crew will be working thru lunch tomorrow in order to get out early. The crew will only be working on the 6th, 7th and 8th floor.
1745	Paperwork.
1845	Began to break down all air samples. All pumps are still running at 3 LPM. Samples will be submitted to Paradigm on my way home.
1930	Off site.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

NAME: Dave Parker	*DATE: 1/6/10*
Contract #	*Liro Job #:*
HOURS:0700-1930	*TASK: PM*

TIME	*ACTIVITY- Midtown Tower- 6th, 7th and 8th floor*
0700	On site/ set up IIB air samples for the 6th, 7th and 8th floor. All pumps were set up at 3 LPM and are in the same locations as previously stated.
0800	Checked location of all workers. Workers are on floors 6-8 doing demo. Crew will most likely begin ceiling demo today. Currently there are: - 2 workers outside area loading out C&D debris as well as moving equipment - 18 workers on 6th, 7th and 8th floor finishing below ceiling demo
0900	In 6th, 7th and 8th floor area to inspect all work. Crew is approx 90% complete with below ceiling demo. Crew has done a good job to insure nothing was impacted outside the scope of their demo. The crew will begin removing ceiling tiles shortly. The crew knows that any tile with fiber glass backing or water stains are to be removed as ACM. All other tiles will be wet wiped and HEPA vacuumed and removed from the area as C&D waste.
1015	Checked all pumps to insure proper operation. All pumps seem to be running the same as when I put them up.
1040	Crew has begun removal of all ceiling tiles.
1045	In area to inspect all ceiling tiles being removed. Crew is doing a good job to make sure proper tiles get brought out as ACM. There were a few tiles I had remove from the C&D pile and told the crew to remove them as ACM. These tiles had small stains on them. I am unsure what the stain was from but I had them remove them as ACM as a precaution.
1215	Quick break. While I was out of the area I told the crew to not load out any other tiles then those I have already inspected.
1230	Back in the area to inspect ceiling tile removal. All tiles so far are good. Not many ceiling tiles so far have been removed as ACM.
1400	Out of area to complete the day's paperwork.
1430	Began to break down all IIB air samples. All pumps were still running at 3 LPM. All samples will be submitted to Paradigm on my way home.
1500	Off site.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

NAME: Dave Parker	***DATE: 1/21/10***
Contract #	***Liro Job #:***
HOURS:0700-1930	***TASK: PM***

TIME	***ACTIVITY- Midtown Tower- 6th, 7th and 8th floor and 11th floor***
0700	On site/ set up IIB air samples for the 6th, 7th and 8th floor as well as the 11th floor area. All pumps have been set up at 3 LPM and are in the same locations as previously stated.
0800	Checked locations and tasks of all workers. The abatement crew currently has a crew in and around the 6th, 7th and 8th floor area. Green Earth will begin removal of floor tile mastic on the 11th floor area today. The local 435 crew has workers in the upper floors of the tower doing demo and cleanup. Currently there are: - 3 workers outside of the 6th, 7th and 8th floor area moving supplies - 25 workers inside containment on the 7th floor doing bulk removal of fireproofing - 7 workers on the 12th floor doing demo and cleanup - 3 workers on the 16th floor doing cleanup - 5 Green Earth workers in the 11th floor containment removing floor tile mastic via water blaster
0915	Inside the 6th, 7th and 8th floor containment to inspect work and progress. Workers are working in the same fashion as they have on previous floors. Crew is working west to east in teams of 4 or 5 with some workers scrapping and others cleaning debris. 2 workers are wetting all materials to insure they are properly wet. Workers are approx. 15% complete with bulk removal and are working at a very good pace.
1015	Checked all pumps to insure proper operation. All pumps are good.
1100	Checked in on Green Earth in the 11th floor containment area. Crew has just started today and will likely go into the middle of next week. The floor that has been cleaned already looks great but progress is some what slow.
1215	Checked workers in the upper floors of the tower. Workers are doing demo and clean up. I have no concerns with this work at this time.
1300	Lunch and paperwork.
1400	Checked all pumps to insure operation. All pumps are good.
1430	3 workers that were outside the 6th, 7th and 8th floor containment have moved inside to the 6th floor. These workers are now wetting the beams and decking on the 6th floor to prep it for removal. Back in containment to check work and progress. Workers on the 7th floor are making great progress and are now approx. 55% done. There are a lot of workers concentrating on this floor and they are making quick work of the bulk removal of the beams and decking.
1530	435 workers in the upper floors have finished for the day. They will continue tomorrow. Green Earth crew on the 11th floor has also left for the day.

1600	The abatement crew in the 6th, 7th and 8th floor has decided to work 12 hours today in order to try and finish the 7th floor removal.
1630	Updated maps at Liro office.
1800	Spoke with Mark D about multiple topics mostly pertaining to 6th, 7th and 8th floor abatement.
1840	Daily air sampling paperwork.
1900	Began breaking down all IIB air samples. All pumps are still running at 3 LPM. Samples will be submitted to Paradigm on my way home.
1930	Off site.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Dave Parker	***DATE: 1/22/10***
Contract #	***Liro Job #:***
HOURS:0700-1630	***TASK: PM***

TIME	***ACTIVITY- Midtown Tower-6th,7th and 8th floor and 11th floor***
0700	On site/ set up IIB air samples for the 6th, 7th and 8th floor as well as the 11th floor. All pumps are set up at 3 LPM and are in the same locations as previously stated.
0800	Checked locations and tasks of all workers in the tower. The abatement crew has a crew inside and around the 6th, 7th and 8th floor area. Green Earth has a crew in the 11th floor area. Local 435 has a crew in the upper floors of the tower. Currently there are: - 3 workers outside the 6th, 7th and 8th floor area doing misc work - 12 workers on the 8th floor washing the beams and deck - 13 workers finishing bulk removal on the 7th floor - 4 Green Earth workers in the 11th floor area water basting mastic - 7 workers on the 17th floor doing demo and cleanup - 3 workers on the 10th floor doing cleanup
0920	Went into the 6th, 7th and 8th floor area to inspect work and progress. Worker are currently finishing the scrap of the beams and decking on the 7th floor. Workers are approx 90% complete and should be finished shortly. Crew is also washing on the 8th floor. Crew on the 8th floor is using power washers to clean the beams and decking. Upon completion of the 7th floor scrap the crew will begin scrapping on the 6th floor. All work in this area looks good. I have no concerns at this time.
1030	Went into 11th floor area to check progress of Green Earth crew. Crew began yesterday and hopes to be complete by beginning of next week. Crew is approx. 45 to 50% complete with removal of mastic. Upon completion of the 11th floor the crew will move down to the 8th floor. In my opinion the crew will meet their goal of completion on this floor.
1125	Checked all pumps to insure proper operation. All pumps appear to be running the same as when I set them up.
1200	The crew working on the 7th floor has finished and is now moving down to the 6th floor to begin scrapping all beams as well as decking. I went into the area to check completeness. No major spots were found. Scrap looks good.
1300	The crew has decided to work thru lunch in order to leave around 1630.
1315	Paperwork.
1400	Checked all pumps to insure proper operation. All pumps are good.
1435	Went into 11th floor containment to check Green Earth's progress. Area looks good the crew should finish mastic removal on Monday.
1515	At Liro office to complete all daily air sampling paperwork.

1600	Began breaking down all IIB air samples. All pumps are still running at 3 LPM. Samples will be submitted to Paradigm on my way home.
1630	Off site.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

NAME: Dave Parker	***DATE: 1/25/10***
Contract #	***Liro Job #:***
HOURS:0700-1930	***TASK: PM***

TIME	***ACTIVITY- Midtown Tower- 6th, 7th and 8th floor and 11th floor***
0700	On site/ set up IIB air samples for the 6th, 7th and 8th floor as well as the 11th floor. All pumps are set up at 3 LPM and are in the same locations as previously stated.
0800	Checked locations and tasks of all workers in the tower. The Cambria abatement crew is currently in and around the 6th, 7th and 8th floor area. Green Earth is currently in the 11th floor area and local 435 has workers on 10th floor as well as in the upper floors of the tower. Currently there are: - 14 workers inside containment on the 8th floor power washing all beams and deck - 12 workers inside containment on the 6th floor bulk removing ACM fireproofing - 3 workers outside the 6th, 7th and 8th floor area doing misc work and supplies - 4 Green Earth workers inside the 11th floor containment removing mastic - 3 workers on floors 15 thru 17 loading out C&D debris - 4 workers doing demo and cleanup on the 10th floor
0920	Inside 6th, 7th and 8th floor area to inspect work being done. Crew on the 8th floor is currently utilizing 4 power washers with small crews of 3 to 4 workers working in separate areas. 1 worker is power washing all ceiling surfaces while other workers are cleaning and containerizing all debris. On the 6th floor workers continue to scrap all beams and decking in order to remove ACM fireproofing. Workers are working feverishly to finish removal of fireproofing so Green Earth will have room to begin work in this area upon completion of the 11th floor. I have no concerns with work at this time.
1015	Inside 11th floor containment area to check Green Earth's progress. Workers are about 75 to 80% complete and should complete this floor today. Spoke with the supervisor who said the crew will finish today and take tomorrow to set up on the 8th floor and most likely be ready to start work on 8 in the middle of the week.
1130	Checked all pumps to insure operation. All pumps are good.
1200	Spoke with Mark and Todd about crews plan for the week. They said the crew will work 12 hours for the foreseeable future in order to stay ahead of Green Earth. The crew will work to finish the 8th floor as well as the 6th floor by the end of the day tomorrow. That should fall perfectly into place with Green Earths scheduling.
1300	Lunch and paperwork.
1400	Checked all pumps to insure operation. All pumps are running fine.
1435	Back into 6th, 7th and 8th floor containment to check work. Crew is approx. 35 to 40% complete with the power washing of beams and decking. The crew is about 40 to 45% complete with bulk removal on the 6th floor.

1530	Green Earth crew is off site. Checked 11th floor containment, floor still contained some mastic. Crew will finish the remainder of the floor tomorrow and begin moving supplies to the 8th floor as well.
1630	Broke down all pumps for the 11th floor. All pumps were still running at 3 LPM.
1715	Air sampling paperwork
1800	Crew ran out of water on the 8th floor. The crew will cleanup and begin to shower out shortly.
1830	Broke down all IIB air samples. All pumps are still running at 3 LPM. Samples will be submitted to Paradigm on my way home.
1900	Off site.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Dave Parker	***DATE: 1/26/10***
Contract #	***Liro Job #:***
HOURS:0700-1930	***TASK: PM***

TIME	***ACTIVITY- Midtown Tower- 6th, 7th and 8th floor and 11th floor***
0700	On site/ set up all IIB air samples for the 6th, 7th and 8th floor area as well as the 11th floor area. All pumps are set up at 3 LPM and are in the same locations as previously stated.
0800	Checked locations and tasks of all workers in the tower. The Cambria abatement crew currently has workers in the 6th, 7th and 8th floor area removing ACM. A demo crew is currently on the 9th floor as well as the upper floors of the tower doing demo and clean up work. Green Earth currently has a crew on the 11th floor finishing up removal of mastic. Currently there are: - 14 workers inside containment on the 8th floor power washing the beams and decking - 13 workers inside containment on the 6th floor scrapping all beams and decking - 1 worker outside the 6th, 7th and 8th floor containment doing misc work - 3 workers on the 15th thru 17th floor doing demo clean up - 5 workers on the 9th floor doing demo around the windows as well as clean up
0910	Went into 6th, 7th and 8th floor containment to check work and progress. Crew is a little more than 50% complete on the 6th and 8th floor. Crew should finish floors by the end of the day. All work looks good I have no concerns at this time.
1015	Checked all pumps to insure proper operation. All pumps are running well.
1045	Went into 11th floor containment to inspect Green Earth progress. Crew is about 90% complete with mastic removal and should finish shortly after lunch. The floor looks good. Some spots remain around the edges but these spots will be addressed with further cleaning.
1135	Checked all demo work in the upper floors of the tower. All work looks good I have no concerns at this time.
1230	Spoke with supervisors about work.
1300	Lunch and paperwork.
1400	Checked all pumps to insure proper operation. All pumps are running good.
1430	Back into 6th, 7th and 8th floor containment to inspect work. Workers on 8th floor are finishing power wash of beams and decking. They will finish soon and upon completion they will continue to clean all debris caused by power washer. Crew will remain on the 8th floor for the rest of the day. On the 6th floor the crew is about 90% complete and should finish by the end of the day. The crew will again be working until 1930 in order to stay ahead of Green Earth.
1530	Green Earth crew has left for the day. Workers finished the 11th floor and began moving some equipment down to the 8th floor. Crew will continue to move equipment and set up tomorrow.

1615	Broke down all 11th floor samples. All pumps are still running at 3 LPM.
1650	Took tour around tower to inspect all areas outside of containment. Tower looks good I have no concerns at this time. Also checked to insure pumps that are still up are running properly. All pumps are good.
1800	On 5th floor speaking with Mark D.
1845	Air sampling paperwork.
1900	Began breaking down all IIB air samples. All pumps are still running at 3 LPM. Samples will be submitted to Paradigm on my way home.
1930	Off site.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Dave Parker	***DATE: 1/27/10***
Contract #	***Liro Job #:***
HOURS:0700-1930	***TASK: PM***

TIME	***ACTIVITY- Midtown Tower- 6th, 7th and 8th floor***
0700	On site/ set up IIB air samples for the 6th, 7th and 8th floor. No samples have been set up for the 11th floor because there will be no work happening on this floor today. All samples have been set up at 3 LPM and are in the same locations as previously stated.
0800	Checked tasks and locations of all workers in the tower. The Cambria abatement crew has workers in and around the 6th, 7th and 8th floor area. The demo crew is currently on the 3rd floor of the tower demoing walls and other under ceiling systems. Green Earth is also in the tower in between the 11th and 8th floor moving supplies. Currently there are: - 18 workers on the 7th floor beginning to power wash all beams and decking - 3 workers outside area doing misc work including loading the trailer - 8 workers on the 6th floor doing general clean up - 6 workers on the 3rd floor demoing walls as well as clean up - 4 Green Earth workers between 8th and 11th floor moving equipment and supplies
0915	Went into containment to inspect all work being completed. Workers on the 7th floor have just begun power washing and are working in the same fashion as they have on previous floors. The power washing crew has done a good job to insure all water and debris caused by power washing is cleaned up and containerized ASAP. No leaks have been found in the tower to make me thing other wise. Crew on the 6th floor is doing general clean up after finishing scrap stage yesterday. The crew is loading and cleaning boxes as well as general clean up throughout the area. I have no concerns with this area at this time. The Green Earth crew has room to work in this area as soon as they are ready.
1030	Checked all pumps to insure operation. All pumps are good.
1100	Spoke with Mark about crews plan for the week. Mark said crew will continue to work 12 hours a day to keep ahead of the mastic crew. He said the crew will concentrate on power washing the 7th floor as well as final cleaning the 11th floor starting tomorrow. Mark said the crew will likely finish power washing 7 by the end of the week and hopes to finish final cleaning on the 11th floor as well by the week's end. The crew will split up tomorrow between the 7th floor and 11th floor.
1145	Spoke with Green Earth supervisor. He said the crew will begin water blasting the mastic tomorrow. He is unsure how long it will take. He said it depends on how thick the mastic is. The crew hopes to finish 8 by the end of this week or early next week.
1225	Checked pumps to insure operation. All pumps are good.
1300	Lunch and paperwork.

1400	Back into 6th, 7th and 8th floor containment to check work. All workers are in the same locations as they were before lunch. Workers continue to power wash on the 7th floor as well as cleanup on the 6th floor. I have no concerns with this area at this time.
1450	Spoke with Ted about progress and plans for the tower.
1525	Checked all pumps to insure operation. All pumps are good.
1600	Green Earth crew has left. Will continue working on 8th floor tomorrow morning.
1620	Located and repaired pumps that have fallen in the line of duty. Some pumps become damaged. I repaired a few pumps to insure continued operation.
1715	Toured the tower. All appeared good.
1800	Air sampling paperwork/ discussed tower plans with Mark D.
1845	Broke down all IIB air samples. All pumps are still running at 3 LPM. Samples will be submitted to Paradigm on my way home.
1930	Off site.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

NAME: Dave Parker	***DATE: 1/28/10***
Contract #	***Liro Job #:***
HOURS:0700-1930	***TASK: PM***

TIME	***ACTIVITY- Midtown Tower- 6th, 7th and 8th floor and 11th floor***
0700	On site/ set up IIB air samples for the 6th, 7th and 8th floor as well as the 11th floor. All pumps have been set up at 3 LPM and are in the same locations as previously stated.
0800	Checked locations and tasks of all workers in the tower. The Cambria abatement crew has 29 workers and 2 supervisors working in the 6th, 7th and 8th floor containment and in the 11th floor containment. Green Earth has a crew of 4 workers working inside the 6th, 7th and 8th floor area. Local 435 has a crew working on the 3rd floor of the tower. Currently there are: - 17 workers inside containment on the 7th floor power washing all beams and decking - 11 workers final cleaning inside the 11th floor containment - 1 worker operating the freight elevator - 4 Green Earth workers removing mastic on the 8th floor
0910	Went into 6th, 7th and 8th floor to inspect all work being done inside containment. On the 7th floor workers are utilizing 4 power washers to spray all beams and decking. The crew is working in teams of 4 or 5 with most workers cleaning all debris and water caused by the power washing. The crew is about 45 to 50% compete with power washing phase on the 7th floor. On the 8th floor the Green Earth crew is using a water blaster to remove all the mastic on the floor. The crew has just begun and it is too early to tell progress. I have no concerns with work at this time.
1030	Assisted crew on the 11th floor with final clean. I showed crew trouble spots as well as spots I would like to see cleaned again. While in the area I checked some pigeon holes to inspect for cleanliness. The holes look pretty good and most should only need minor cleaning. The crew seems to have a grasp on what we are looking for at the time of the final visual inspection. Crew is doing all final cleaning as per code rule 56.
1140	Checked all pumps to insure operation. All pumps are good.
1215	Updated quantities on maps in Liro office. Also spoke with Mike from Liro about expectations for quantifying materials.
1330	Lunch and paperwork.
1430	Back into 11th floor area to check on crew that is final cleaning. I wanted to make sure crews were properly cleaning all surfaces. Crew is doing a good job.
1515	Checked all pumps to insure operation. All are good.
1545	Green Earth crew working on the 8th floor has left for the day. The crew made some progress and removed about 30% of the mastic on the 8th floor. Crew will continue removal tomorrow morning.

1600	Inspected work on the 7th floor of the containment area. Crew continues to power wash the 7th floor. The crew has made great progress and is 90% complete with the wash on the 7th floor. The crew will finish this floor today and move all equipment to the 6th floor. The crew will begin removal on the 6th floor tomorrow.
1715	Checked all pumps to insure operation. All pumps are good.
1800	The crew on the 11th floor says they are about 35 to 45% complete with the final clean. I will take a closer look tomorrow morning.
1830	Daily air sampling paperwork.
1900	Broke down all IIB air samples. All pumps were still running at 3 LPM. Samples will be submitted to Paradigm on my way home.
1930	Off site.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

NAME: Dave Parker	***DATE: 1/29/10***
Contract #	***Liro Job #:***
HOURS:0700-1930	***TASK: PM***

TIME	***ACTIVITY- Midtown Tower- 6th, 7th and 8th floor and 11th floor***
0700	On site/ set up IIB air samples for the 6th, 7th and 8th floor as well as IIC final cleaning samples for the 11th floor. All pumps have been set up at 3 LPM and are in the same locations as previously stated.
0800	Checked location and tasks of all workers in the tower. The Cambria abatement crew has a crew of 29 workers and 2 supervisors in and around the 6th, 7th and 8th floor area as well as the 11th floor area. Green Earth has a crew on the 8th floor of the active containment. A demo crew is also on the 3rd floor of the tower. Currently there are: - 17 workers inside containment on the 6th floor power washing all beams and decking - 11 workers in containment on the 11th floor final cleaning the area - 1 worker outside the 6th, 7th and 8th floor containment doing misc work - 5 workers doing soft demo on the 3rd floor
0900	Inside 6th, 7th and 8th floor containment to inspect work. Green Earth is on the 8th floor removing mastic via water blasting. Crew is making progress but will not finish this week. Crew on the 6th floor is power washing in the same fashion as they have on previous floors. Workers are doing a good job of containerizing debris quickly. This area look good, I have no concerns with any of the work at this time.
0950	Went into 11th floor containment. I will focus most of my attention on this floor. Workers say they will be ready for a visual tomorrow morning. I want to insure the area looks good and will assist the crew in order to insure all materials and surfaces are cleaned and removed. The area looks great. Pigeon holes are the cleanest I have seen so far. I found a few spots that needed to be re cleaned and pointed them out to Gregory. The crew will immediately clean these areas.
1115	Checked all pumps to insure operation. All pumps look good.
1145	Crew will work thru lunch in order to get out early.
1200	Back into the 11th floor containment to inspect areas that were found to be dirty. Area looks great I believe this area will be ready for visual tomorrow. Mark D will be meeting me in the tower tomorrow to assist with the visual.
1300	Daily air sampling paperwork.
1330	Began breaking down all air samples. All pumps are still running at 3 LPM. Samples will be submitted to Paradigm on my way home.
1430	Off site.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

NAME: Dave Parker	***DATE: 1/30/10***
Contract #	***Liro Job #:***
HOURS:0600-1400	***TASK: PM***

TIME	*ACTIVITY- Midtown Tower- 11th floor*
0600	On site to do visual and, if visual passes, run final airs. Met with Mark D. and started visual.
0715	Visual passed. Began to set up area for final airs. Set up all fans as well as pumps.
0740	Began aggressive air sampling techniques via leaf blower.
0900	Turned on all final air pumps. All pumps are set up at 4 LPM. There are 5 inside samples and 5 outside samples. Samples will run for 150 minutes for a total of 600 liters of air.
0930	Checked pumps every half hour to insure operation. All pumps are good.
1130	Turned off pumps and bagged final air samples.
1200	Broke down all equipment used for final air samples and brought equipment back to pump room.
1330	Paperwork.
1400	Off site. Will deliver all samples to Paradigm on my way home.
1700	Call from Paradigm to inform me that final air samples for the 11th floor have passed. I notified Mark and Todd.

Envoy Environmental Consultants Inc.

Empire State Development

Project Monitor Visual Inspection Report

As per 12NYCRR Part 56 amended January 11, 2006

Building & Location: Midtown Tower 11th floor — Job Ticket # 36593

Project Description: ESDC — Work Area — PROJECT # 09/1078

Client/Owner (Print Name): Cambrian — Client/Owner Representative (print name): X Mark DePaulo

Abatement Contractor: X Mark DePaulo — Supervisor (print name) — NYSDOL Asbestos Handling Certificate Number: X 09-13704

Yes [X] No [ ] — Supervisors Visual inspection Completed? — Supervisor Completing Visual Inspection (print name): X Mark DePaulo — NYSDOL Asbestos Handling Certificate Number: X 09-13704 — Date

Project Monitor (Print Name): Dave Parker — NYSDOL Asbestos Handling Certificate Number: 08-10920 — Date: 1/30/10

Site Emergency Phone: 911

Job Type: Class I [ ] Class II [ ] — Material: Spray on, FT/FTM, MMS, MSP, WPM

Job Size: Large [X] Small [ ]

Sq Ln Ft

Project Monitor Visual Inspection Checklist — Project with Multiple Removals [X]

Section A [ ] Inspectors Checklist	SAT	Needs Action	N/A
Equipment	*Not Required*		
1. Flashlight	☑	☐	☐
2. Knife or pointed object	☑	☐	☐
3. Respirator	☑	☐	☐
4. Hard Hat	☑	☐	☐
5. Safety Glasses	☑	☐	☐
6. Tyvex Suit	☑	☐	☐
7. Gloves	☑	☐	☐
Inspection	*Not Required*		
8. Enter all Spaces	☑	☐	☐
9. Inspect at Close Range	☑	☐	☐
Areas to Inspect	*Not Required*		
10. Permanent Fixtures	☑	☐	☐
11. Light Fixtures	☑	☐	☐
12. Ductwork	☐	☐	☑
13. Elevated Horizontal Surfaces	☑	☐	☐
14. Pipes	☑	☐	☐
15. Ceiling Grids/Sprinkler Heads	☑	☐	☐
16. Conduits	☐	☐	☑
17. Hauserman Channels	☐	☐	☑
18. Floor and Wall Penetrations	☑	☐	☐
19. Creases & Folds in Critical	☑	☐	☐
20. Walls & Corners	☑	☐	☐
21. Floors	☑	☐	☐

Section B [ ] Visual Inspection	SAT	Needs Action	N/A
Personal Decontamination Unit	*Required to Pass*		
22. Clean & Free of Debris & Dust	☑	☐	☐
23. No Visible Pools of Liquid	☑	☐	☐
24. No condensation	☑	☐	☐
25. All Isolation Barriers intact	☑	☐	☐
Waste Decontamination Unit	*Required to Pass*		
26. Clean & Free of Debris & Dust	☑	☐	☐
27. No Visible Pools of Liquid	☑	☐	☐
28. No condensation	☑	☐	☐
29. All Isolation Barriers intact	☑	☐	☐
Regulated Abatement Work Area	*Required to Pass*		
30. No Visible Pools of Liquid	☑	☐	☐
31. No condensation	☑	☐	☐
32. All Criticals intact	☑	☐	☐
33. All Isolation Barriers Intact	☑	☐	☐
34. No Unremoved Materials	☑	☐	☐
35. No Visible Debris	☑	☐	☐
36. No Visible Dust	☑	☐	☐
37. Examine Contractor Equipment	☑	☐	☐
38. Negative Air in Operation	☑	☐	☐
39. No Debris or Water under Plastic	☑	☐	☐
40. Completeness of Abatement**	☑	☐	☐
41. Completeness of Clean-up**	☑	☐	☐

Section C [ ] Procedures/ Paperwork	SAT	Needs Action	N/A
Paperwork & Procedures	*Required to Pass*		
42. Written Scope of Work (attached)	☑	☐	☐
43. Verbal Scope of Work (see below)	☐	☐	☑
44. Supervisor Present	☑	☐	☐
45. Wait period observed	☑	☐	☐
Paperwork & Procedures	*Not Required*		
45. Area Asbestos Survey	☑	☐	☐
46. Sign into work area	☑	☐	☐
47. Sign out of work area	☑	☐	☐
48. Entry into Supervisors Log	☑	☐	☐
49. Detail Findings	☑	☐	☐
50. Enter Full Name	☑	☐	☐
51. Enter AH Cert. Number	☑	☐	☐
52. Worker Present	☑	☐	☐
	☐	☐	☐
	☐	☐	☐
	☐	☐	☐
	☐	☐	☐
	☐	☐	☐
	☐	☐	☐
	☐	☐	☐
	☐	☐	☐
	☐	☐	☐

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. Area clean, all pigeon holes clean. Area ~~free~~ cleared of
3. ACM as per code rule 56 / applicable variance.
4.

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

Supervisors Signature: X Mark DePaulo — Date: X 1-30-10

Project Monitor Signature: Dave Parker — Date: 1/30/10

PASS [X] *Area Cleared to proceed with Clearance Airs* — **FAIL** [ ] *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 inpsection is the responsiblity of the asbestos abatement's supervior under subpart 56-9.3 of ICR-56.

Copy delivered to: — On Date: — By:

FVI form

White - Envoy / Paradigm Yellow - LiRo Pink - Contractor

Certifications

STATE OF NEW YORK - DEPARTMENT OF LABOR

ASBESTOS CERTIFICATE

DAVID J PARKER
CLASS(EXPIRES)
C ATEC(05/11) H PM (05/11)

CERT# 08-10920
DMV# 138257303

MUST BE CARRIED ON ASBESTOS PROJECTS

STATE OF NEW YORK - DEPARTMENT OF LABOI

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

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: 020527
LICENSE NUMBER: 28454
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 06/19/2009
EXPIRATION DATE: 06/30/2010

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, Director
FOR THE COMMISSIONER OF LABOR

SH 432 (4-07)

NVLAP® National Voluntary Laboratory Accreditation Program

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**

NVLAP Code	*Designation / Description*
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

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

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

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

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

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

Sally S. Bruce

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, 2010
Issued April 01, 2009
Revised September 16, 2009

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 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.: 40520

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify laboratory's accreditation status.

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: 06/19/2009
EXPIRATION DATE: 06/30/2010

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 work 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, Director
FOR THE COMMISSIONER OF LABOR

SH 432 (4-07)

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

Expires 12:01 AM April 01, 2010
Issued April 01, 2009
Revised September 16, 2009

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.: 40521

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify laboratory's accreditation status.

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

Expires 12:01 AM April 01, 2010
Issued April 01, 2009

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 in conformance with the National Environmental Laboratory Accreditation Conference Standards for the category.
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:

Metals I	
Iron, Total	EPA 6010B
Lead, Total	EPA 6010B
Magnesium, Total	EPA 6010B
Manganese, Total	EPA 6010B
Nickel, Total	EPA 6010B
Potassium, Total	EPA 6010B
Silver, Total	EPA 6010B
Sodium, Total	EPA 6010B
Metals II	
Aluminum, Total	EPA 6010B
Antimony, Total	EPA 6010B
Arsenic, Total	EPA 6010B
Beryllium, Total	EPA 6010B
Mercury, Total	EPA 7471A
Selenium, Total	EPA 6010B
Vanadium, Total	EPA 6010B
Zinc, Total	EPA 6010B
Metals III	
Cobalt, Total	EPA 6010B
Thallium, Total	EPA 6010B
Miscellaneous	
Asbestos in Friable Material	EPA 600/M4/82/020
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
Hydrogen Ion (pH)	EPA 9045C

Nitroaromatics and Isophorone	
2,4-Dinitrotoluene	EPA 8270C
2,6-Dinitrotoluene	EPA 8270C
Isophorone	EPA 8270C
Nitrobenzene	EPA 8270C
Pyridine	EPA 8270C
Nitrosoamines	
N-Nitrosodimethylamine	EPA 8270C
N-Nitrosodi-n-propylamine	EPA 8270C
N-Nitrosodiphenylamine	EPA 8270C
Petroleum Hydrocarbons	
Diesel Range Organics	EPA 8015 B
Gasoline Range Organics	EPA 8015 B
Phthalate Esters	
Benzyl butyl phthalate	EPA 8270C
Bis(2-ethylhexyl) phthalate	EPA 8270C
Diethyl phthalate	EPA 8270C
Dimethyl phthalate	EPA 8270C
Di-n-butyl phthalate	EPA 8270C
Di-n-octyl phthalate	EPA 8270C
Polychlorinated Biphenyls	
PCB-1016	EPA 8082
PCB-1221	EPA 8082
PCB-1232	EPA 8082
PCB-1242	EPA 8082
PCB-1248	EPA 8082
PCB-1254	EPA 8082

Serial No.: 39167

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify laboratory's accreditation status.

NELAP Recognized

NVLAP® National Voluntary Laboratory Accreditation Program

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

AIRBORNE ASBESTOS FIBER ANALYSIS (TEM) NVLAP LAB CODE 200530-0

NVLAP Code	*Designation / Description*
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

2009-07-01 through 2010-06-30
Effective dates

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

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

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:

AIRBORNE 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

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

Sally S. Bruce

For the National Institute of Standards and Technology

Pictures

ENVOY
environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☒ D. Park Date: 1/30/10 Job Ticket #: 36593

Building / Location: Midtown Tower Work Area: 11th floor Shift (A) B C

Project Description

ESDC Mark Smith

Client / Owner (Print Name) Client / Owner Representative (Print Name) Client Contact (Print Name)

Cambria Mark D.

Abatement Contractor (Print Name) Abatement Supervisor (Print Name) NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐ 51

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: spray on, ft/ftm, mas MTP, WPM Sq/ft Ln/ft Project with multiple removals ☒

Type of Material

1st Check 0940 2nd Check 1015 3rd Check 1100 4th Check 1140 5th Check

Time of air sampling pump check

Notes

- On site @ 0645 / cal all pumps to 4LPM
- Set up fans in area to create ongoing agitation
- Ran leaf blower for approx 80 mins around entire area starting @ approx 0740
- Set up 5 inside samples and 5 outside samples starting @ 0911
- Ran pumps for 150 mins. for a total of 600 L of air
- checked samples often to insure pump operation. all good
- Broke down samples after exactly 150 mins / submitted all samples to lab

Air Technician Signature

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

57 Ambrose Street • Rochester, New York 14608 • 585.454.1060 • fax 585.454.1062

PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

Lab Job # 1602-10
09/1078

Job Ticket # 36593 AB 1-30-10

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Empire State Development Corporation — Client

Mark Smith — Client Contact

Midtown Tower — Building/Location

11th floor — Work Area

D. Park — Air Technician

317 7294 — Air Technician Phone

Cambria — Contractor

Bill — Contractor Contact

Fax Results To: See Aw Log

Fax #

51 — Rotometer #

Cassette Lot #

Materials to be Removed

Project Phase: △ Phase IB ☐ Backgorunds; ☐ Phase IIA ☐ Work Area Preparation; ⬆ Phase IIB ☐ Asbestos Handling; ⬆ Phase IIC ☐ Final Cleaning; ○ Phase IIC ☒ Clearance Airs; ✳ Env. ☐

1602-10

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	FB-1	FB-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	0911	0911	0912	0913	0913	0917	0917	0918	0918	0919		
End Time Military Time	1141	1141	1142	1143	1143	1147	1147	1148	1148	1149		
Duration (Minutes)	150	→	→	→	→	→	→	→	→	→	↓	↓
Sample Volume (Liters)	600	→	→	→	→	→	→	→	→	→	↓	↓

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ELAP ID # 10958

Lab Sample #	11582	583	584	585	586	587	588	589	590	591	592	593
Fibers/100 Fields:	2	3	1.5	4	3	1	4	1	2	4	0	0
Fibers/cc:	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	—	—

Samples Relinquished By: D. Park	Date: 1/30/10
Received in Lab By: AB	Date: 1-30-10
Analyzed By: AB	Date: 1-30-10
Microscope Make, Model & #: 235757	Turn-around Time (Immed.) 24 Hr. 48 Hr.

Comments:

Verbals to Dave @ 2:08pm 1-30-10

White - Lab Original Yellow - Lab Copy Pink - Project Folder Goldenrod - Technician