Empire State Development Corporation

at

Midtown Plaza Asbestos Abatement
Midtown Tower
15th Floor
Rochester, New York

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

November 3, 2009 - February 25, 2010

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

Notifications & Quantities
Cover Summary

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

March 25, 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, 15th 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 November 3, 2009 and project containment set up began on January 7, 2010. The project continued until completion of abatement as confirmed by satisfactory air samples and Final Visual Inspection on February 25, 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.

15th Floor

Material Type	Original Survey Quantities	Verified Removal Quantities
Floor Tile/Mastic	1,600 Square Feet	332 Square Feet
Mirror Mastic	700 Square Feet	90 Square Feet
Waterproof Membranes	550 Square Feet	0 Square Feet
Fittings on Fiberglass Pipe Insulation	90 Fittings	47 Fittings
Fire Doors	3 Doors	0 Doors
Acoustical Plaster	1,400 Square Feet	1,185 Square Feet
Windows with ACM Caulk	98 Each	0 Each

Fire Doors and Window Materials are still in place.

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

Sincerely,

Bruce Hoogesteger
Paradigm Environmental Services, Inc.

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:			

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	State:	ZIP:
Rochester	NY	14604

Contact:	Tel:
Robert Kreuzer	(716) 882-5476

REMOVAL CONTRACTOR:
Cambria Contracting, Inc.

Address:
5105 Lockport Road

City:	State:	ZIP:
Lockport	New York	14094

Contact:	Tel:
William Eichhorn	(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	State:	County:
Rochester	New York	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:	Prior Use:
Vacant	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: **Syracuse**	State: **New York**	ZIP: **13217**
Contact Person: **Lucille Nicholson**	Telephone: **(315) 433-5115**	

WASTE TRANSPORTER #2

Name **Cambria Contracting, Inc**		
Address: **5105 Lockport Rd**		
City: **Lockport**	State: **New York**	ZIP: **14094**
Contact Person: **William Eichhorn**	Telephone: **(716) 625-6690**	

XIII. WASTE DISPOSAL SITE

Name: **High Acres Landfill**		
Address: **425 Perinton Parkway**		
City: **Fairport**	State: **NY**	ZIP: **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	

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

Location/Area	Asbestos Containing Material	Approximate Quantity	Condition
14th Floor	Spray-on Fireproofing	33,200 SF	Fair
	Ceiling system	9,500 SF	Fair
	Fittings on Fiberglass Pipe Insulation	100 fittings	Fair
	Floor tile/mastic	1,400 SF	Fair
	Waterproof membranes	2,850 SF	Fair
	Mirror Mastic	1,850 SF	Fair
	Fire Doors	7 doors	Fair
	Vent Caulk (exterior)	<5 SF	Fair
	Skylight Caulking (exterior)	<30 SF	Fair
	Caulk (at seam of blue panels to roof)	<100 SF	Fair
	Roofing	1,700 SF	Fair
	Roof Flashing	1,300 SF	Fair
15th Floor	Floor tile/mastic	1,600 SF	Fair
	Mirror Mastic	700 SF	Fair
	Waterproof Membranes	550 SF	Fair
	Fittings on Fiberglass Pipe Insulation	90 fittings	Fair
	Fire Doors	3 doors	Fair
	Acoustical Plaster	1,400 SF	Fair
	Windows with ACM caulk	98 each	Fair
16th Floor	Floor tile/mastic	200 SF	Fair
	Mirror Mastic	700 SF	Fair
	Waterproof Membranes	550 SF	Fair
	Fittings on Fiberglass Pipe Insulation	90 fittings	Fair
	Fire Doors	4 doors	Fair
	Windows with ACM caulk	98 each	Fair
17th Floor	Mirror Mastic	600 SF	Fair
	Waterproof Membranes	450 SF	Fair
	Fittings on Fiberglass Pipe Insulation	90 fittings	Fair
	Fire Doors	4 doors	Fair
	Windows with ACM caulk	98 each	Fair

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 Knowles

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: 27 **(including cover sheet)**

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

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

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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

10690-09

2&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 KOSUT
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	2ND & 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

09 796

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

10691-09

2826

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: DAREN. KOUT
Building /Site: Tower

FAX Results to: 716-882-9640
attention: Jason Colvin
email results to: cclvin@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

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 aformentioned 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 CM 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: Melissa Schmiedeskamp

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)**

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 – 08-0798**

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 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 CJK 10/22/09

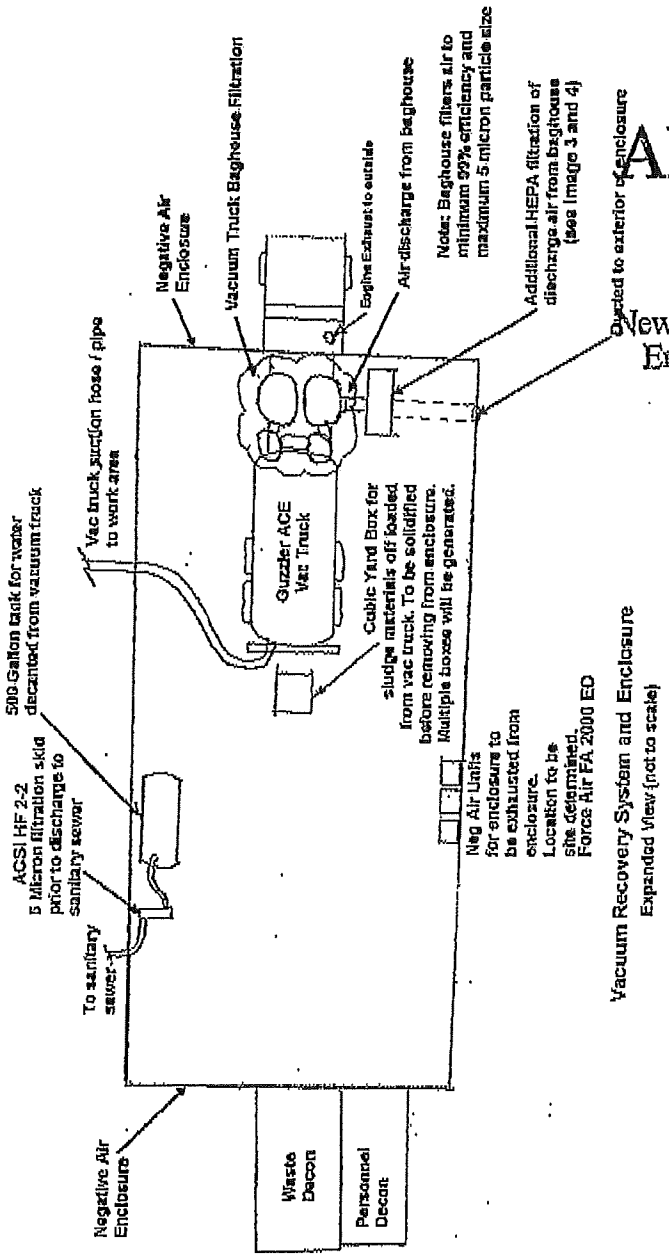
PLYWOOD SHEATHING CJK 10/22/09

ALL EQUIPMENT SHALL BE THOROUGHLY CLEANED AS PER ICR56 CJK 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. CJK 10/22/09

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

- 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.



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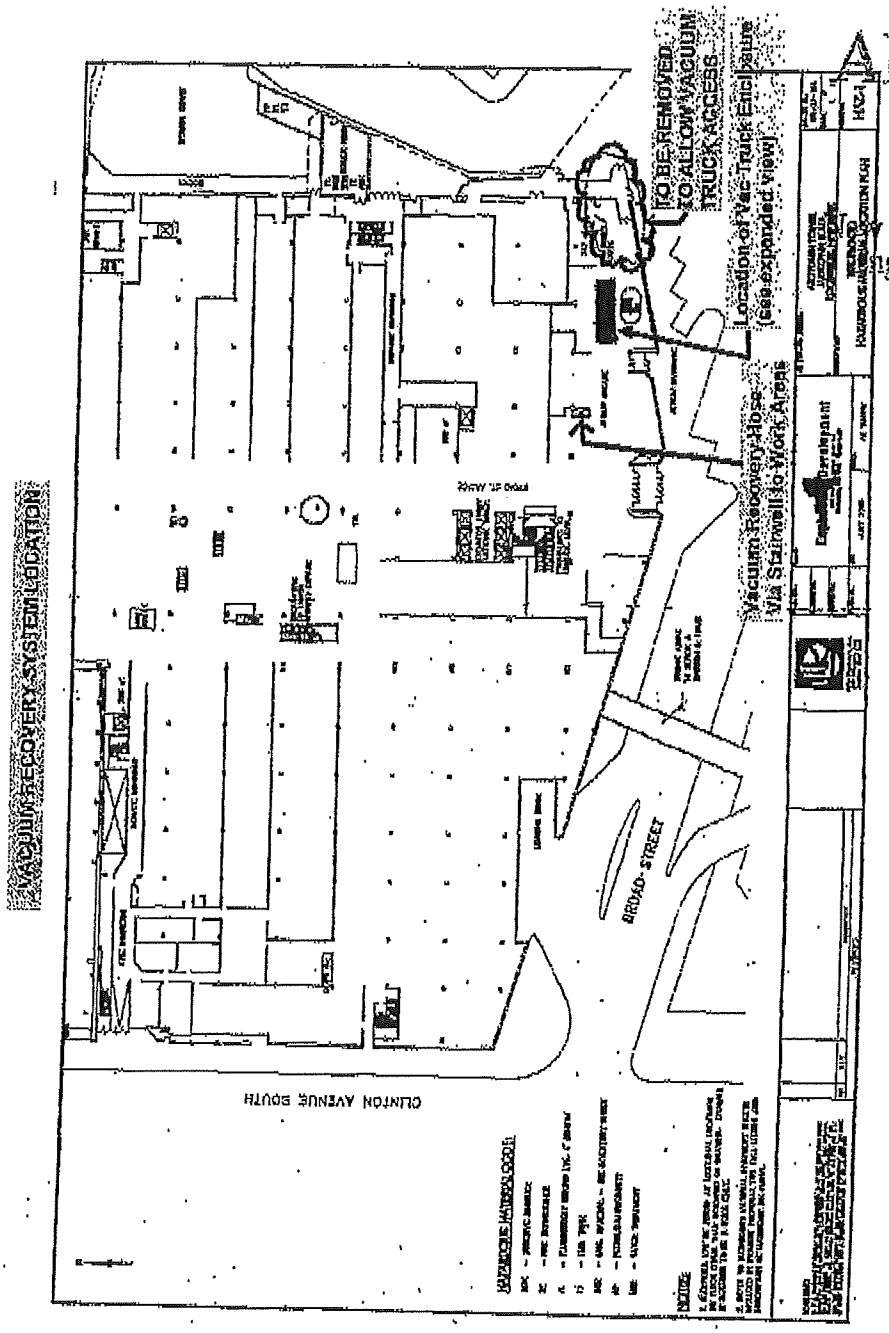
Engineering Services Unit

17 2 of 21



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OCT 22 2009

New York State Dept. of Labor
Engineering Services Unit

93-lzl

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

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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
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)

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

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OCT 2? 2009

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Engineering Services Unit


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


2009102015221864 8.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®

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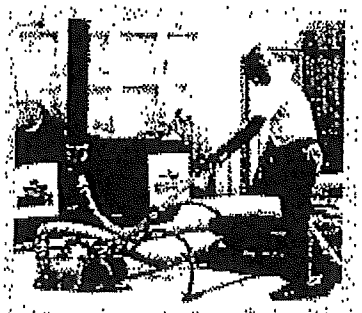
Engineering Services Unit



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) 423-0897

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.

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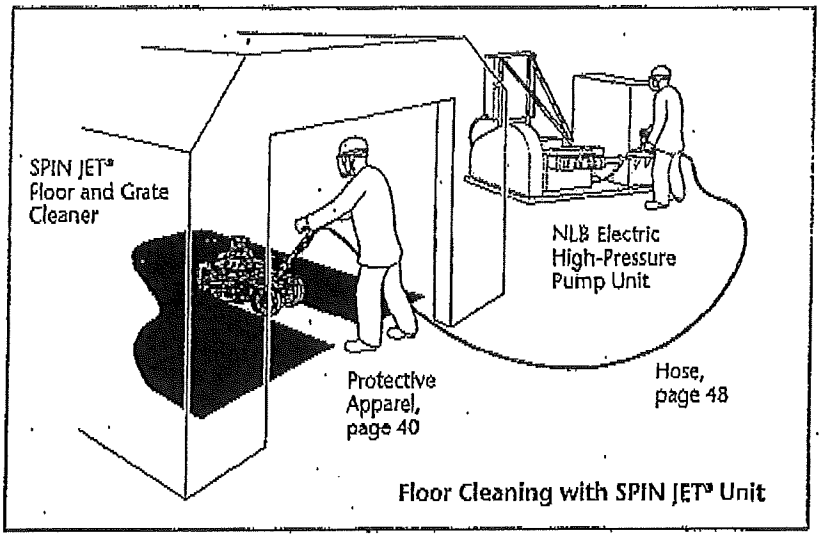
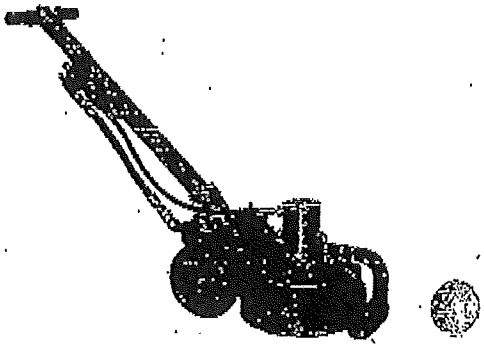
OCT 23 2009

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



Floor Cleaning with SPIN JET® Unit

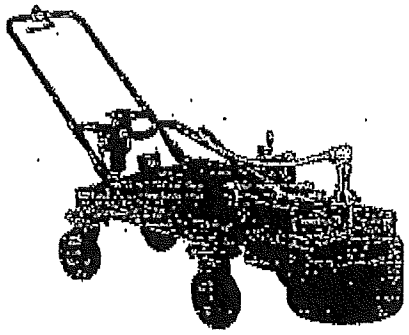
36-9900-15A



- 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 @ 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)*	25" *(50 cm)*	Up to 16

Image 1 – Equipment Detail – Floor Tool Head

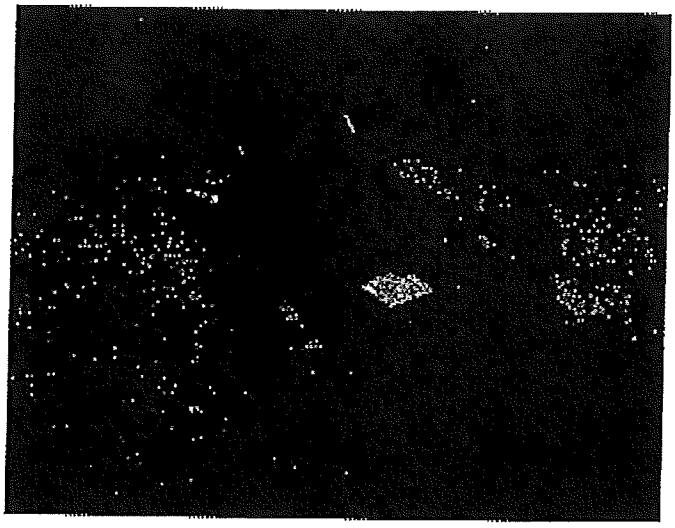


Image 2 – Equipment Detail – Floor Tool Head

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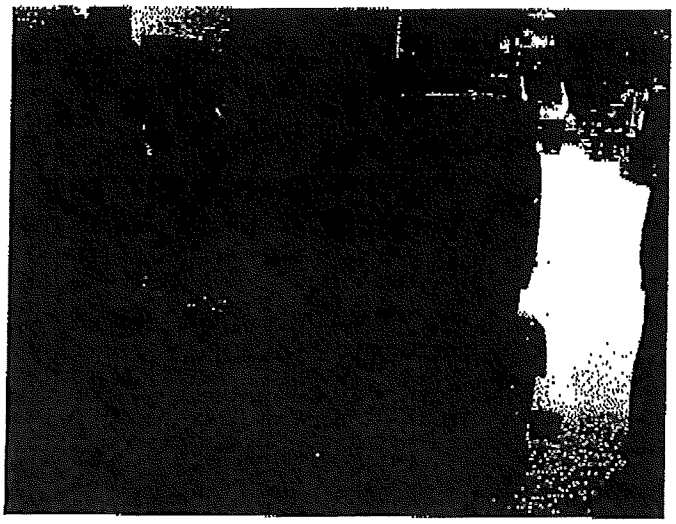
Engineering Services Unit

pg 8 of 21



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OCT 2[illegible] 2009

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Engineering Services Unit
PS 9/6-21

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

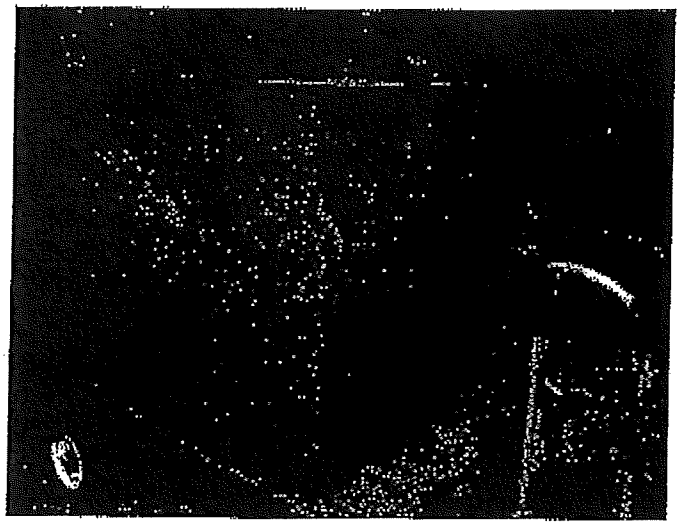

Image 4 – Equipment Detail - HEPA Filter Enclosure for Blower Exhaust

HFS
PORTABLE SHOWER

FEATURES	BENEFITS
* [illegible]	* [illegible]
* [illegible]	* [illegible]
* [illegible]	* [illegible]
* [illegible]	* [illegible]
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SPECIFICATIONS

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

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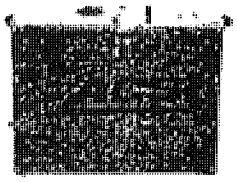
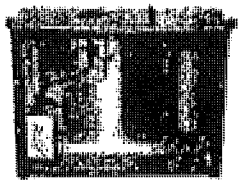
[illegible] 2009

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]
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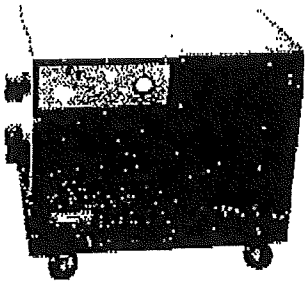
* [illegible]	* [illegible]

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:	1975 (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 pc pad
	Secondary: 24" x 24" - 3 ply rigid panel
	HEPA Filter: 24" x 24" x 11 1/2" (99.97%)



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.

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[illegible] 2009

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

1

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.

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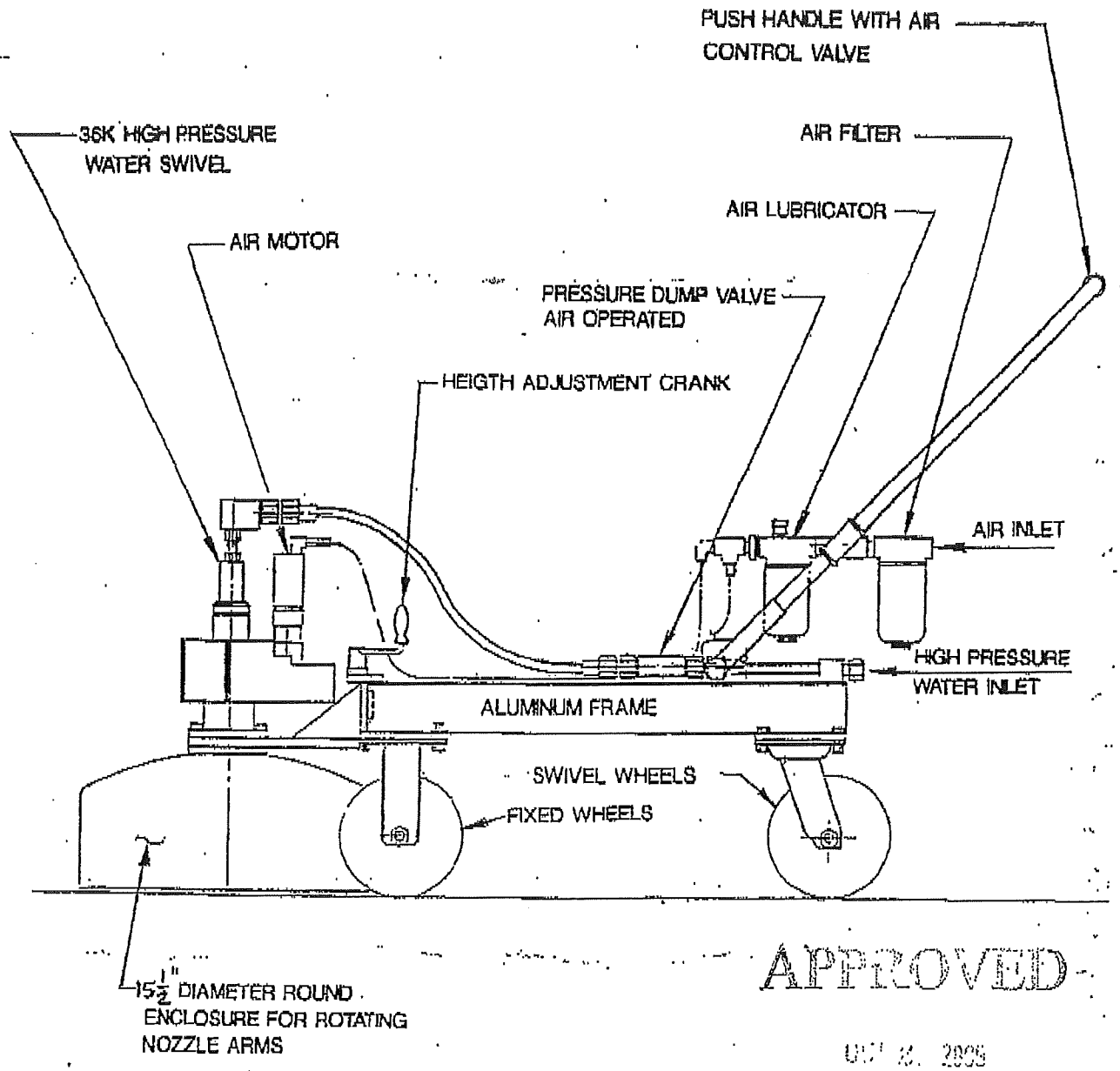
2009

New York State Dept. of Labor
Engineering Services Unit
pg 12 of 21



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

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	

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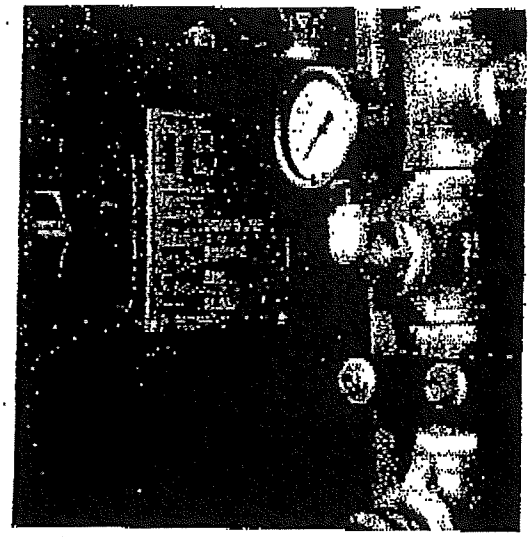
Engineering Services Unit
by 14 Feb 21

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.



MODEL AND SERIAL NUMBER ON PUMP

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.)

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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.

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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.

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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

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By MPA

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Specifications and Options

Guezler ACE Industrial Vacuum Loader

THE MOST INDUSTRY FAVORITES.

The Guezler ACE was designed by engineers and, bourgeoning the world's leading vacuum loader technologies. Every system and component has been engineered for maximum productivity. The ACE was built the full spectrum of vacuum dry material, homogeneous or inaccessible locations. Dry to self-dryout, another design that the producers you get with an ACE.

Choosing an ACE is different than other makes; you're even matched with one configuration. Whether with a high-performance ACE vacuum loader, and then add just about any loading system. Choose or specialized components you'd like. The result is an ACE, built for your application.

What's more, the ACE modular design:

- Reduces your maintenance costs and downtime – our heavy-duty 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 requirements – common parts are used across your entire fleet.

Standard Specifications

- Mounted on Ford F-550 Chassis with 330 hp Diesel engine, 6-speed automatic transmission, 4x4 with 2-speed transfer case, 19,500 lb GVWR
- Hydraulic System: 11 gpm (42 lpm) @ 2,000 psi (138 bar)
- Hydraulic Reservoir: 120 gallon (454 liter) capacity
- Blue Machine® Blue Vacuum: 2,250 cfm (3,825 cmh)
- Debris Outlet: manual or pneumatic
- Concrete Industrial, hydraulic guard lowers for maximum performance, blower temperature gauge, pressure gauge, vacuum gauge, Operator Friendly Controls
- Hydraulic System: Variable volume hydraulic system with load sensing, pressure compensated hydraulic system, including hydraulic tank, hydraulic oil cooler, and hydraulic lines. Supplies (GPM) pressure hydraulic fluid.
- Hydraulic Capacity: 15 gal (57 liter)
- Debris Body: 5.5 cu yd (4.20 cmt) 10 ft (3.05 m) long, 5 ft (1.52 m) wide, 3 ft (0.91 m) high, 3/16 in (4.8 mm) thick plate with fence edge construction. Dust down to 2/3 in (16.9 mm) particle size. Heavy-duty hinges, 3/8" steel reinforced with 3/16 in (4.8 mm) cross members

Popular Options

- 11 yd³ (8.4 m³) debris body
- Basic 180 lb (81 kg) payload
- Dump 10 ft (3.05 m) or 12 ft (3.66 m) height
- Hydraulic blower
- Hydraulic gates
- Hydraulic hose reel
- Hydraulic backup alarm
- Hydraulic boom
- Work lights
- Additional options available. Consult your Guezler representative for more information

Warranty

The Guezler is warranted against defects in materials and workmanship for a period of 12 months from the date of delivery to the original purchaser. Limited warranty applies to normal use. Consult your Guezler representative for complete warranty statement.

Your Guezler representative is:

GUEZLER

Guezler Manufacturing Co.
P.O. Box 1000
Green Bay, WI 54305-1000
800-558-5544
www.guezler.com

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 Schmiedeskamp

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)**

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

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Engineering Services Unit

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

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 X 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

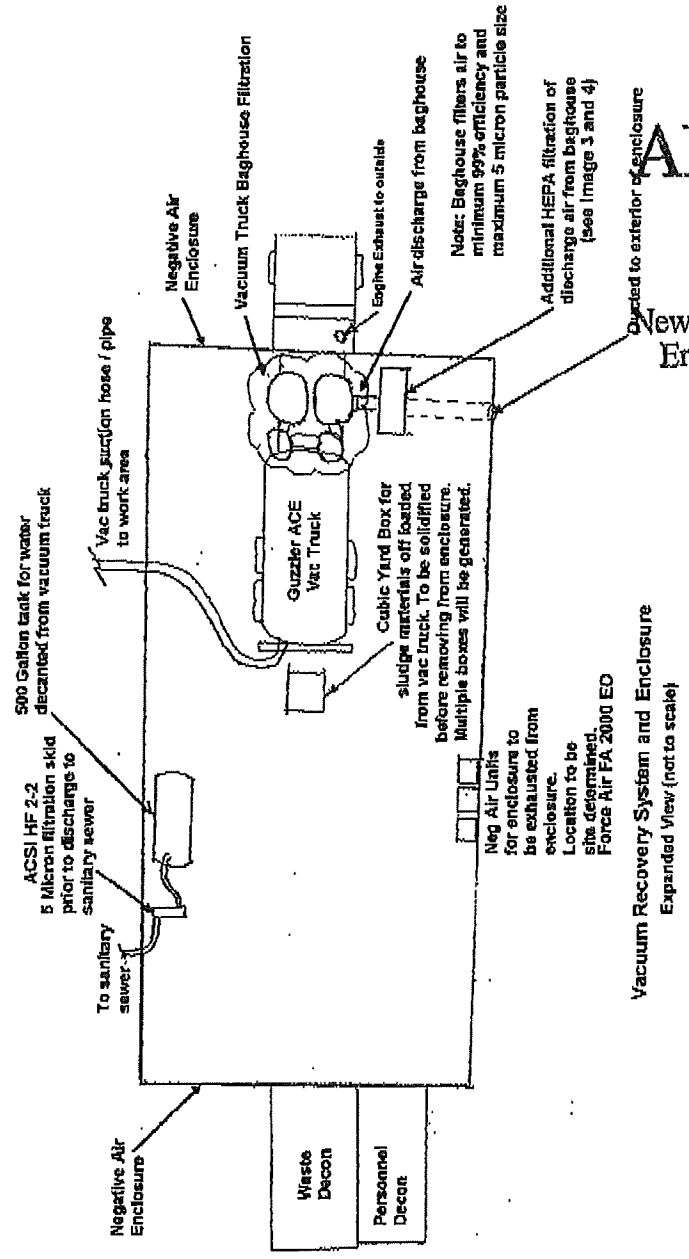
PLYWOOD SHEATHING cgk 10/22/09

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

* ONLY UNITS EQUIPPED BY MANUFACTURER WITH VACUUM RECOVERY CONNECTION SHALL BE UTILIZED FOR REMOVALS. MANUFACTURER 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)

- 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.



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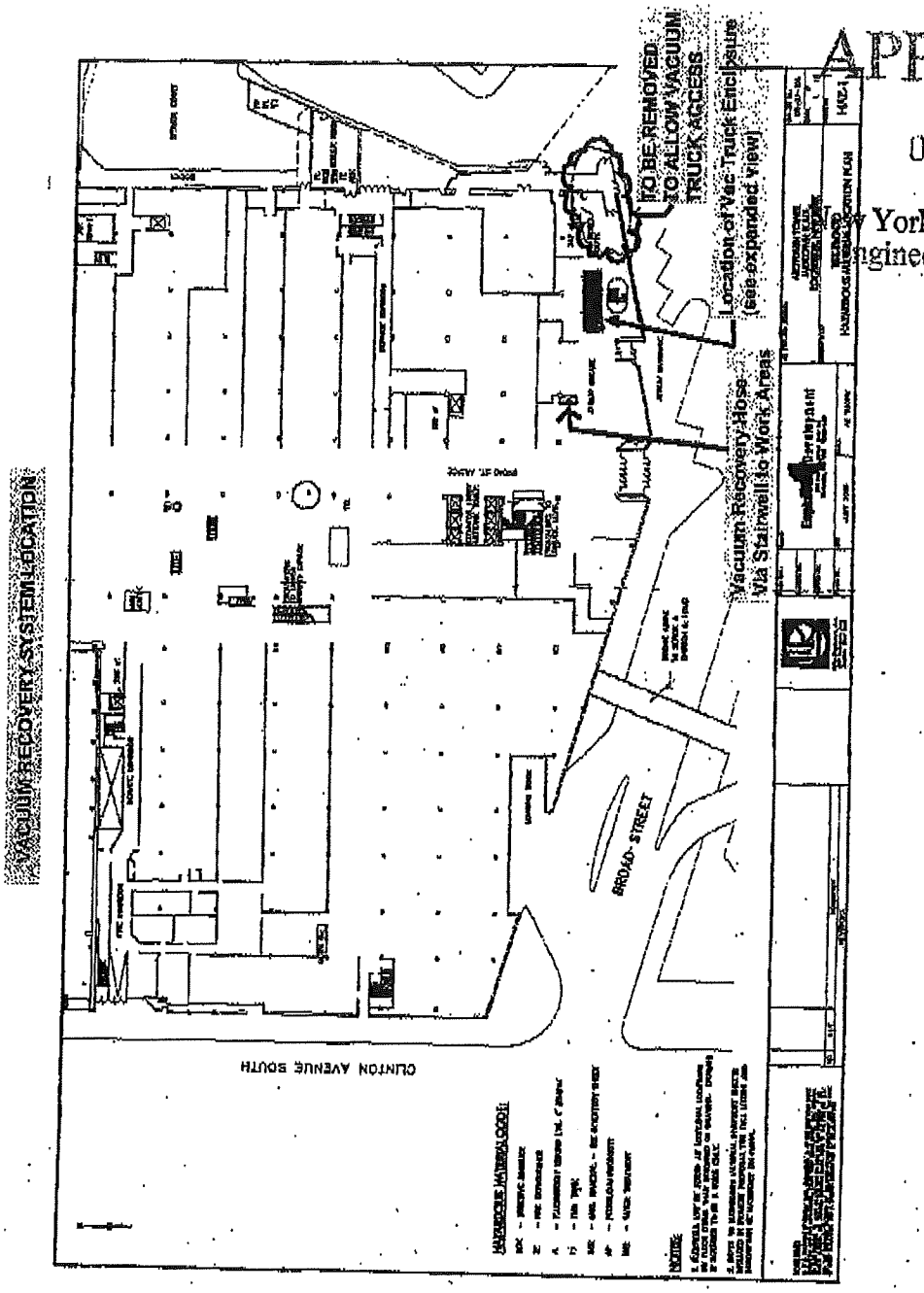

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Engineering Services Unit

93 #4

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

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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 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

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B.S 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®

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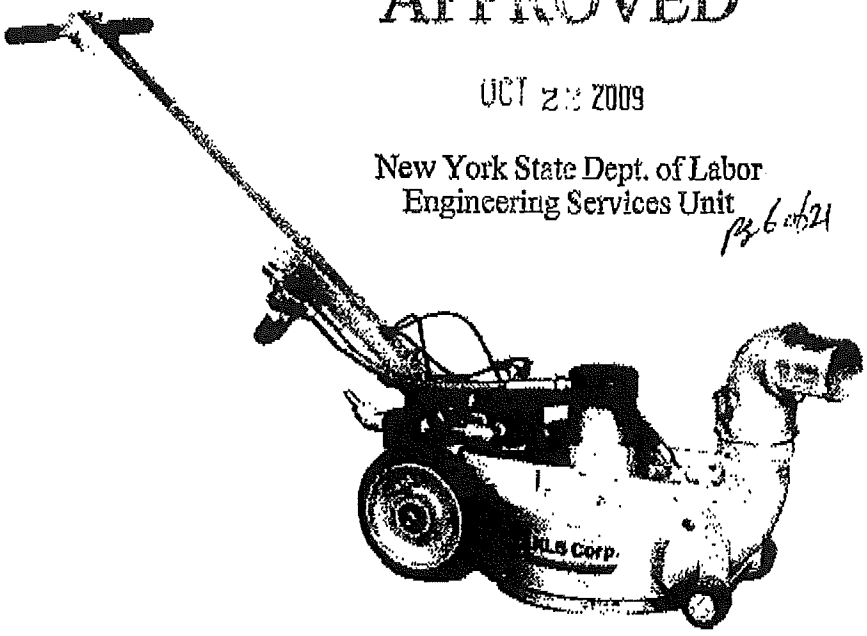

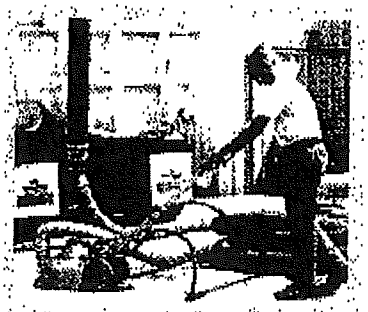

FEATURES:

- 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., Gonzalea, 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.

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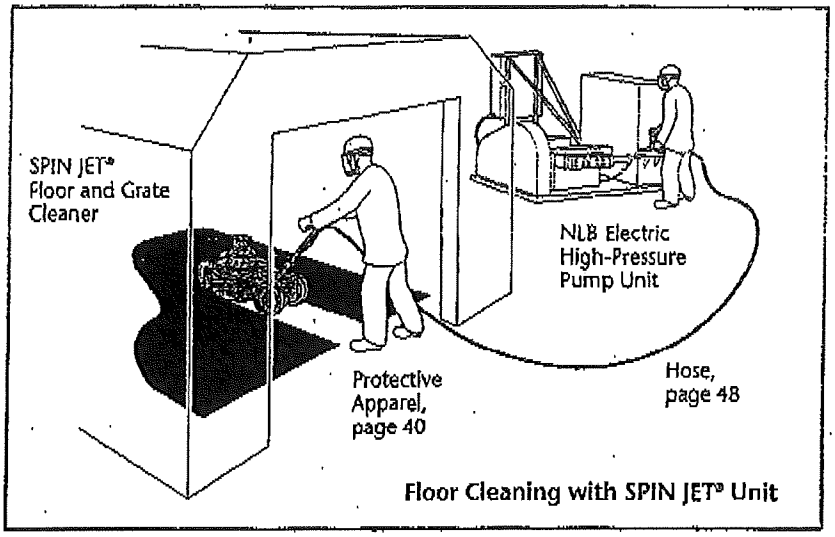
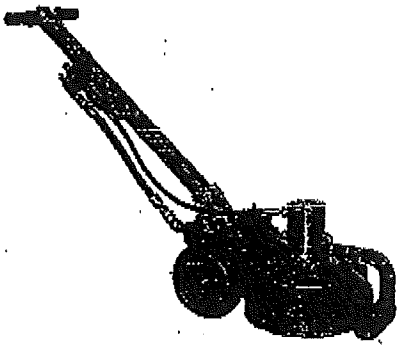


Floor Cleaning with SPIN JET® Unit

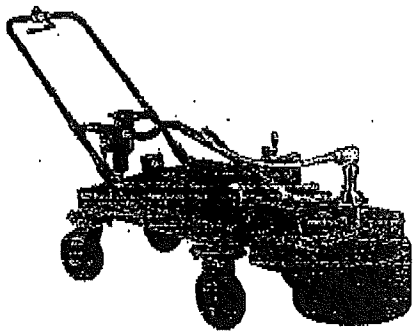
36-9900-15A



- 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

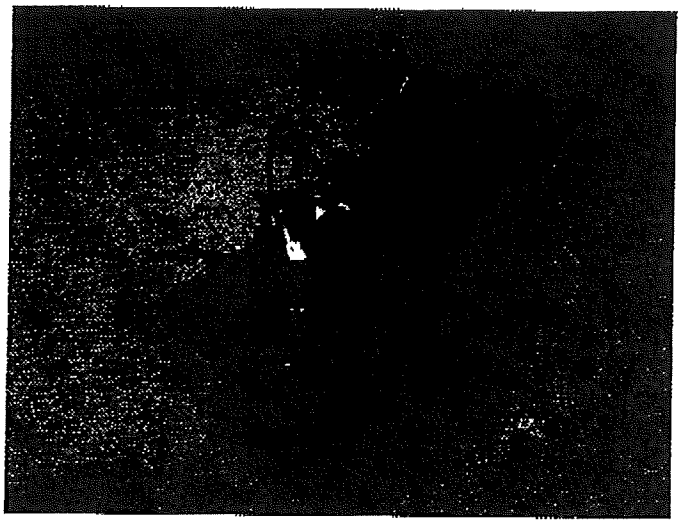


Image 1 – Equipment Detail – Floor Tool Head

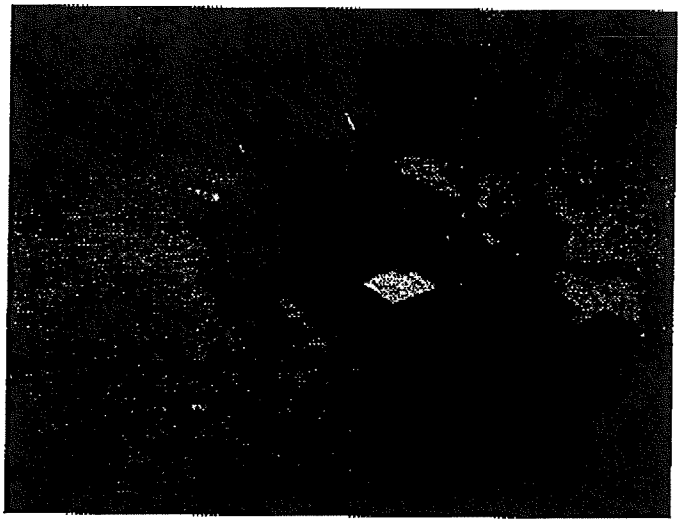


Image 2 – Equipment Detail – Floor Tool Head

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Engineering Services Unit

By S.L.Z.

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

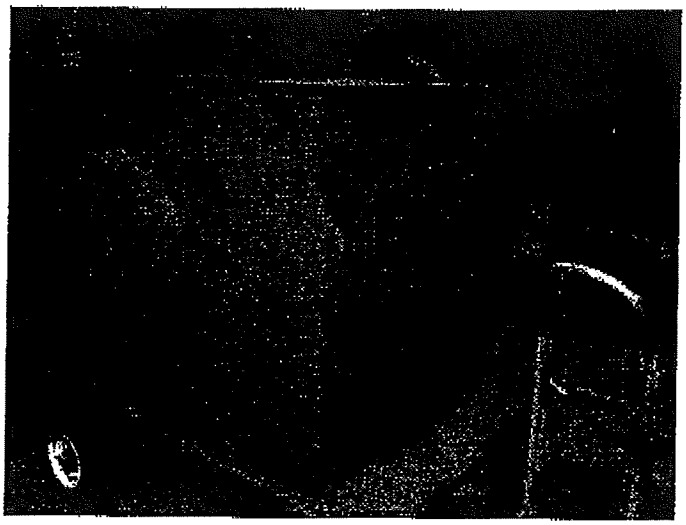

Image 4 – Equipment Detail - HEPA Filter Enclosure for Blower Exhaust

HFS
PORTABLE SHOWER

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

SPECIFICATIONS

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

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[illegible] 2009

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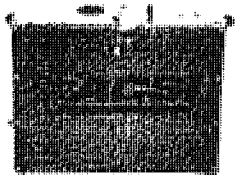
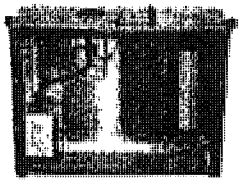
Engineering Services Unit

11/10/21

HF2-2
TWO STAGE FILTRATION SYSTEM





SPECIFICATIONS

[illegible]	[illegible]
Airflow	250 cfm
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

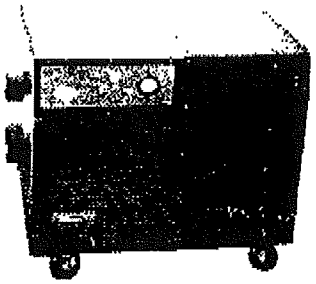
FEATURES	BENEFITS
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

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:	1975 (high speed)
	1000 (low speed)
Motor:	1 1/2 HP - 2 Speed - high efficient
Power Supply:	115V, 60HZ, 15 Amps
Body	060 Aluminum
Filters:	Primary: 24" x 24" - 2 ply pad
	Secondary: 24" x 24" - 3 ply mtg panel
	HEPA Filter: 24w x 24 x 11 1/2" (99.97%)



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.

1

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.

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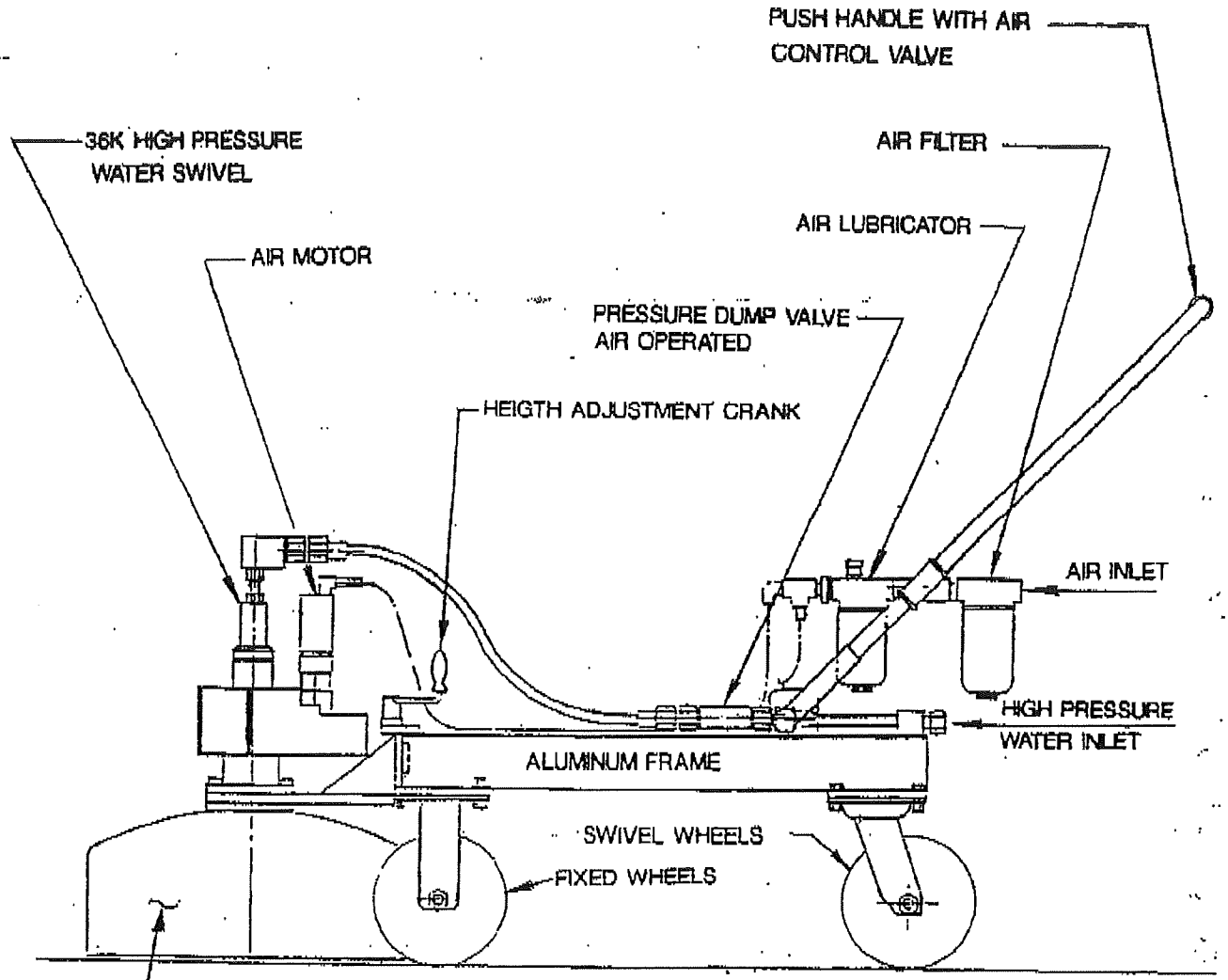

GENERAL ARRANGEMENT
MODEL 36-8300-15A SPIN JET
PAINT STRIPE REMOVER

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	

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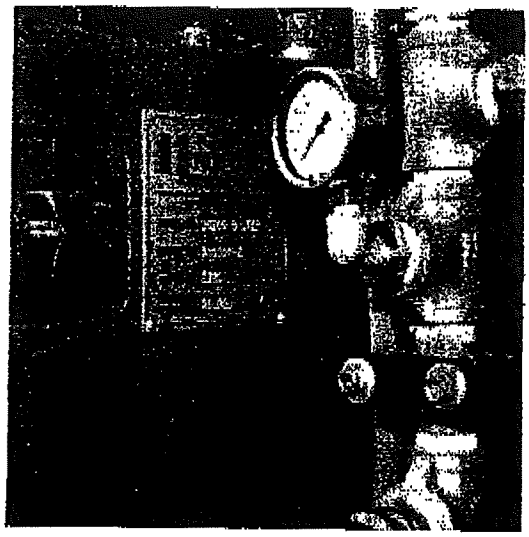
MODEL AND SERIAL NUMBER

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.



MODEL AND SERIAL NUMBER ON PUMP

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.)

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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.

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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.

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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

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New York State Department of Labor
Engineering Services Unit

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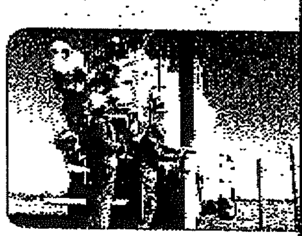
The Guzzler® ACE® was designed by customers, incorporating the world's leading vacuum loader technologies. Every system and component has been engineered for maximum productivity. The ACE can handle the full spectrum of wet and dry material, from remote or inaccessible locations. Day in and day out, no other design delivers the productivity you get with an ACE.

Choosing an ACE is different than other makes; you're not stuck with one configuration. You start with a high-performance ACE vacuum loader, and then add just about any offloading system, filtration or specialized component you'd like. The result is an ACE, built for your applications.

What's more, the ACE modular design:

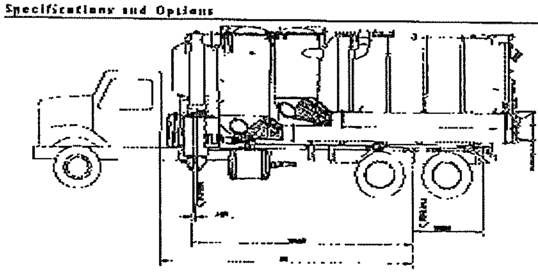
- Reduces your maintenance costs and downtime – our bolt-on filtration components are easier to maintain, replace and refurbish.
- Is easier for your crew to operate – basic controls are the same on every model
- Simplifies your inventory and service – common parts are used across your entire fleet.

THE MOST INDUSTRY FAVORITES.



Guzzler ACE Industrial Vacuum Loader

Specifications and Options



Standard Specifications

- Blower: Positive Displacement Dual-lobe or Tri-lobe Available
- Maximum Vacuum: up to 28 in Hg. (0.9 kg/cm²)
- Maximum Airflow: 5,100 cfm (8,613 m³/h)
- Max Airflow @ Max Vacuum: 2,150 cfm (3,653 m³/h)
- Drive: OMSI transfer case with shift protection
- Controls: In-cab and, lighted panel features blower tachometer/hourmeter, blower temperature gauge, air pressure gauge, hydraulic pressure gauge, blower vacuum gauge, electronic throttle.
- Hydraulics: Variable volume hydraulic pump driven by chassis engine via PTO. Hydraulic system plumbing assembled using JIC fittings and hydraulic tubing. 30 gallon (114 l) aluminum hydraulic tank.
- Payload Capacity: 18 yd³ (13.8 m³)
- Collector Body: 1/4 in (6.35 mm) thick construction, rear bulkhead is 3/8 in (9.5 mm) thick plate with lower edge reinforcement. Rear door is 1/2 in (12.7 mm) thick plate supported by three heavy-duty hinges. 50° dump angle with 35 in (891 mm) rear overhang
- Heavy-Duty Solenoid
- Back-Up Alarm
- Portable Emergency Kit and Fire Extinguisher
- Electrical: Individually grounded and fused circuits supplied by a color-coded, function-stamped wiring harness with sealed connectors.
- Filtration – All Modular Construction
  - First Stage: Baffled Dewatering Ring
  - Second Stage: Dual Cyclone-Centrifugal Filters
  - Third Stage: Dual Baghouse Chamber, with a total of [illegible] (3,524 mm) filter bags.
  - Fourth Stage: Micron Final Filters
- Silencers: High-performance, ultra-quiet OK [illegible] inlet and discharge silencers. Silencers are equipped with 3 in (76 mm) drain for lower chamber inspection.
- Bag Cleaning: Baghouse is equipped with a 12.5 ft (0.35 m³), 125 psi (8.8 bar) air cannon pulsation system.

Your Guzzler representative is:

Popular Options

- 21 yd³ (16.1 m³) debris body
- Boost 28.5 in Hg (0.98 kg/cm²) tri-lobe blower
- Boost 28 in Hg (0.97 kg/cm²) dual-lobe blower
- Wet/silencer system
- High rail system
- Hydraulic loading boom
- Full opening rear door
- Work lights

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

Warranty

The Guzzler is warranted against defects in material and workmanship for a period of 12 months from the date of delivery to the original purchaser, unless extended warranty packages are available. Consult your Guzzler representative for complete warranty information.

GUZZLER

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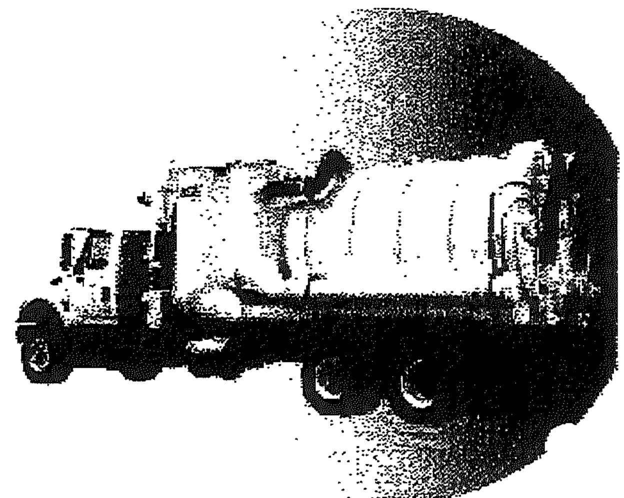
GUZZLER®



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Daily Logs & Air Data

ENVOY
environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☒ T. TRONNES Date: 08/27/09 Job Ticket #: 31259

Building / Location: MIDTOWN TOWER Work Area: 15TH 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 ☐ 72 07/09
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: FT/FTM, CPE, FIREDOORS, WPM, MASTIC, MSP. Sq/ft Ln/ft Project with multiple removals ☒

Time of air sampling pump check: 1st Check 0800 2nd Check 1000 3rd Check 1200 4th Check 1300 5th Check

Notes

- ON SITE.
- WEATHER CONDITIONS - 67° - PARTLY CLOUDY.
- CAL. AND SET UP PUMPS @ 0800.
- PUMP CHECK @ 1000
- PUMP CHECK @ 1200.
- BROKE DOWN PUMPS @ 1300.
- BROUGHT SAMPLES TO LAB AT END OF SHIFT.

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 # 10444-04

Asbestos Air Monitoring

Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket # 31259 SM

10444-04

E.S.D.C. — 08/27/09 — MARK SMITH

Client — Client Contact — Client Contact Phone

MIDTOWN TOWER — 15TH FLOOR — T. TRONNES — 202-5733

Building/Location — Work Area — Air Technician — Air Technician Phone

CAMBRIA — MARK DELPANTE

Contractor — Contractor Contact — Fax Results To: — Fax #

72 — 8231509037 — FT/FDM, EPC, FIRE DOORS, WPM, MASTIC, MJP.

Rotometer # — Cassette Lot # — Materials to be Removed

Project Phase — **Phase IB** [X] 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 #	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	3	3	3	3	3	3	3	3	3	3		
Post-Calibrated Flow Rate	3	3	3	3	3	3	2.0	3	3	3		
Average Flow Rate	3	3	3	3	3	3	2.5	3	3	3		
Start Time Military Time	0801	0802	0803	0806	0807	0800	0800	0804	0805	0805		
End Time Military Time	1301	1302	1303	1306	1307	1300	1300	1304	1305	1305		
Duration (Minutes)	300	300	300	300	300	300	300	300	300	300		
Sample Volume (Liters)	900	900	900	900	900	900	750	900	900	900		

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

Lab Sample #	74 4601	4602	4603	4604	4605	4606	4607	4608	4609	4610	4611	4612
Fibers/100 Fields:	45	32	52	132	90.5	25	13	124	56	6.5	1	0
Fibers/cc:	.024	.017	.028	.071	.049	.013	<.01	.067	.030	<.01	N/A	N/A

Samples Relinquished By: SM	Date: 08/27/09
Received in Lab By: SM	Date: 8-28-09
Analyzed By: SM	Date: 8-28-09
Microscope Make, Model & #: 221113	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments:

SOME DEMO ON FLOORS BELOW AND DEBRIS ON FLOOR.

Verbals to Ted. SM 8-28-09 1:46pm

ENVOY
environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☒ T. TRONNES Date: 10/23/09 Job Ticket #: 36211

Building / Location: MIDTOWN TOWER Work Area: 15TH FLOOR S.E. Shift (A) B C

Project Description

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

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

Yes ☒ No ☐ — Map Completed
51 — Rotometer Number
10/09 — 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 0720 2nd Check 0830 3rd Check 1030 4th Check 1400 5th Check 1520
Time of air sampling pump check

Notes

- ON SITE.
- WEATHER CONDITIONS - 43° - LIGHT RAIN.
- CAL. AND SET UP PUMPS @ 0720
- PUMP CHECK @ 0830
- PUMP CHECK @ 1030
- PUMPS CHECK @ 1400
- BROKE DOWN PUMPS @ 1520.
- BROUGHT SAMPLES TO LAB

Air Technician Signature

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

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13143-09

PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 13143-09

09/1078

Asbestos Air Monitoring

Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket # 36211

Empire State Development Corporation 10/23/09

Client

MARK SMITH

Client Contact | Client Contact Phone

MIDTOWN TOWER — 15TH FLOOR S.E.

Building/Location | Work Area

T. THOMAS 202-5733

Air Technician | Air Technician Phone

CAMBRIA — MARK DEL PANTE

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		B1	B2				
Pre-Calibrated Flow Rate	2.5	3.0	2.5	2.5	2.5							
Post-Calibrated Flow Rate	2.5	3.0	2.5	2.5	2.5							
Average Flow Rate	2.5	3.0	2.5	2.5	2.5							
Start Time Military Time	0723	0721	0722	0721	0720							
End Time Military Time	1523	1521	1522	1521	1520							
Duration (Minutes)	480	480	480	480	480							
Sample Volume (Liters)	1200	1440	1200	1200	1200							

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

Lab Sample #	92469	70	71	72	73		74	75				
Fibers/100 Fields:	12	overloaded	10	overloaded	12		1	0				
Fibers/cc:	1.01	overloaded	1.01	overloaded	1.01		N/A	N/A				

Samples Relinquished By:	Date: 10/23/09
Received in Lab By:	Date: 10/24/09
Analyzed By: SM	Date: 10-25-09
Microscope Make, Model & #: 221113	Turn-around Time: Immed. 24 Hr. 48 Hr.

Comments: Verbals to Ted: SM 10-25-09 3:04pm

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: 10/26/05 — Job Ticket #: 360336

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

Project Description

ESOC — Mark Smith
Client / Owner (Print Name) — Client / Owner Representative (Print Name) — Client Contact (Print Name)

Cambrian — 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	Backgrounds	Work Preparation samples	Asbestos Handling Samples	Final Cleaning Samples	Clearance Air Samples
	Phase IB ☐	Phase IIA ☒	Phase IIB ☐	Phase IIC ☐	Phase IIC ☐

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

Ceiling Plaster — 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

Cal all pumps to 3cfm
Set up all pumps beginning @ 0730
Checked pumps throughout day to make adjustments - all good
Broke down samples @ 1730 to sync with 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

13305.09

PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 13305-09

04/1078

Job Ticket # 36036

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* — 15th floor SE — *Work Area*

D. Park — *Air Technician* — 317 7249 — *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 #	D-6	D-7	D-8	D-9	D-10	B-1	B-2					
Pre-Calibrated Flow Rate	3	3	3	3	3							
Post-Calibrated Flow Rate	3	3	3	3	3							
Average Flow Rate	3	3	3	3	3							
Start Time Military Time	0730	0731	0732	0734	0733							
End Time Military Time	1730	1731	1732	1734	1733							
Duration (Minutes)	600	→	→	→	→							
Sample Volume (Liters)	1800	→	→	→	→	↓	↓					

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

Lab Sample #	93596	597	598	599	600	601	602					
Fibers/100 Fields:	7	10	8	4	6.5	0	0					
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01	—						

Samples Relinquished By: D. Park	*Date:* 10/26/09
Received in Lab By:	*Date:* 10/27/09
Analyzed By: B	*Date:* 10.28.09
Microscope Make, Model & #: 22 1113	*Turn-around Time* Immed. 24 Hr. (48 Hr.)

Comments:

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

ENVOY

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Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☒ D. Park Date: 10/28/09 Job Ticket #: 36041

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

Project Description

RSDC 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 ☐ 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

Ceiling Plaster (Sq/ft) Ln/ft Project with multiple removals ☐
Type of Material

1st Check 0725 2nd Check 0830 3rd Check 1000 4th Check 1330 5th Check 1725
Time of air sampling pump check

Notes

On site @ 0650 / cal all pumps to 3CFM
set up pumps beginning @ 0725
checked all pumps throughout day to insure operation -

Air Technician Signature

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

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13403-09

PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 13403-09
on 1078

MET 10/29/09

Job Ticket # 36041

Asbestos Air Monitoring

Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Empire State Development Corporation — 10/28/09
Client

Midtown Tower — 15th floor SE
Building/Location — *Work Area*

Cumbria — Bill
Contractor — *Contractor Contact*

51
Rotometer # — *Cassette Lot #*

Mark Smith
Client Contact — *Client Contact Phone*

D. Park — 317 7294
Air Technician — *Air Technician Phone*

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	B-1	B-2				
Pre-Calibrated Flow Rate	3	3	3	3	3	3						
Post-Calibrated Flow Rate	3	3	3	3	3	3						
Average Flow Rate	3	3	3	3	3	3						
Start Time Military Time	0725	0726	0727	0729	0728	0731						
End Time Military Time	1725	1726	1727	1729	1728	1731						
Duration (Minutes)	600	600	600	600	600	600						
Sample Volume (Liters)	1800	1800	1800	1800	1800	1800	↓	↓				

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

Lab Sample #	04362	04	05	06	07	08	09	70				
Fibers/100 Fields:	3	6	4	9	3	0	0	0				
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	N/A	N/A				

Samples Relinquished By: D. Park	*Date:* 10/28/09
Received in Lab By: MET	*Date:* 10/29/09
Analyzed By: MET	*Date:* 10/30/09
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
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Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☑ D. Park Date: 10/29/09 Job Ticket #: 36042

Building / Location: Midtown Tower Work Area: 15th Floor SE 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 ☐ 5l
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: Ceiling Plaster S/ft Ln/ft Project with multiple removals ☐

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

Notes

on site @ 0645 / cal all pumps to 2LPm
Set up pumps beginning @ 0725
checked all Samples throughout day - all good
Broke down Samples @ 1725 to sync exactly with 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.

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13450-04

PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 13450.09

04/107 B

Job Ticket # 36042

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*

15th Floor SE — *Work Area*

D. Park — *Air Technician*

317 7294 — *Air Technician Phone*

Cumbria — *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 #	O-6	O-7	O-8	O-9	O-10	O-11	B-1	B-2				
Pre-Calibrated Flow Rate	3	3	3	3	3	3						
Post-Calibrated Flow Rate	3	3	3	3	3	3						
Average Flow Rate	3	3	3	3	3	3						
Start Time Military Time	0725	0726	0727	0728	0729	0730						
End Time Military Time	1725	1726	1727	1728	1729	1730						
Duration (Minutes)	600	→	→	→	→	→						
Sample Volume (Liters)	1800	→	→	→	→	→	↓	↓				

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

Lab Sample #	94 640	641	642	643	644	645	646	647				
Fibers/100 Fields:	21	14	13	12	8	0.5	0	0				
Fibers/cc:	<.01	<.01	<.01	<.01	<.01	<.01	N/A	N/A				

Samples Relinquished By: D. Park	*Date:* 10/29/09
Received in Lab By:	*Date:* 10/30/09
Analyzed By: SLI	*Date:* 10-30-09
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
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Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☒ D. Park Date: 10/30/09 Job Ticket #: 360415

Building / Location: Midtown Tower Work Area: 15th & Lex SE 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 ☐ 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 ☐

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

1st Check 0800 2nd Check 1000 3rd Check 1100 4th Check 1200 5th Check 1300
Time of air sampling pump check

Notes

On site @ 0650 / set all pumps to 7L/m
Set up pumps beginning @ 0726
Checked all pumps throughout day to insure operation - all good
Broke down pumps @ 1426 to sync with set up times
Submitted all samples to LCS for analysis

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

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13523.09

PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 1352309

Asbestos Air Monitoring

Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket # 36045 ✓ AM

Empire State Development Corporation — *Client*

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

Midtown Tower — 15th floor SE — *Building/Location* — *Work Area*

D. Park — 317 7294 — *Air Technician* — *Air Technician Phone*

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

Fax Results To: — *Fax #*

51 — *Rotometer #*

See Air Log — *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	B-1	B-2				
Pre-Calibrated Flow Rate	3	3	3	3	3	3						
Post-Calibrated Flow Rate	3	3	3	3	3	3						
Average Flow Rate	3	3	3	3	3	3						
Start Time Military Time	0726	0727	0728	0729	0730	0731						
End Time Military Time	1426	1427	1428	1429	1430	1431						
Duration (Minutes)	420	→	→	→	→	→						
Sample Volume (Liters)	1260	→	→	→	→	→						

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

Lab Sample #	195	196	197	198	199	200	201	202				
Fibers/100 Fields:	8	12	10	4.5	3	5	0	0				
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	—	—				

Samples Relinquished By: D. Park	*Date:* 10/30/09
Received in Lab By: [signature]	*Date:* 10/31/09
Analyzed By: [signature]	*Date:* 11.2.09
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: 11/2/09 Job Ticket #: 36047

Building / Location: Midtown Tower Work Area: 15th floor SE 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 ☐ 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

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

1st Check 0915 2nd Check 1200 3rd Check 1300 4th Check 1500 5th Check 1700
Time of air sampling pump check

Notes

On Site @ 0655 / Cal all pumps to 3LPM
Set up pumps beginning @ 0730
Checked all pumps throughout day to insure operations - all good
Broke all samples down beginning @ 0720
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.

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13803-09

PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 13803-09
04/107B

Job Ticket # 36047

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*

15th Floor SE — *Work Area*

D. Park — *Air Technician*

317 7244 — *Air Technician Phone*

Cumberlin — *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	B-1	B-2				
Pre-Calibrated Flow Rate	3	3	3	3	3	3						
Post-Calibrated Flow Rate	3	3	3	3	3	3						
Average Flow Rate	3	3	3	3	3	3						
Start Time Military Time	0730	0731	0732	0733	0734	0735						
End Time Military Time	1720	1721	1722	1723	1724	1725						
Duration (Minutes)	540	→	→	→	→	→						
Sample Volume (Liters)	1770	→	→	→	→	→						

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

Lab Sample #	9595	52	53	54	55	56	57	58				
Fibers/100 Fields:	2	3	5	3	3	1	0	0				
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	N/A	N/A				

Samples Relinquished By: D. Park	*Date:* 11/2/09
Received in Lab By: MET	*Date:* 11/3/09
Analyzed By: MET	*Date:* 11/4/09
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: 11/3/09 — Job Ticket #: 36050

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

Project Description

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

Cumbria — 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 ☐ 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: Ceiling Plaster / FT / FTM — Sq/ft — Ln/ft — Project with multiple removals ☐

1st Check 1000 — 2nd Check 1030 — 3rd Check 1100 — 4th Check 1130 — 5th Check
Time of air sampling pump check

Notes

Completed final visual @ 0900
Ran aggressive air techniques.
Set up pumps beginning @ 0921 @ 4LPM
Checked Samples often to insure proper operation- all good
Broke down samples beginning @ 1151 to sync with set up (150 mins)
Submitted Samples to LLS

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

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13828-09

PARADIGM
ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 13828-09
09/1078

Job Ticket # 36050

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*

15th floor SE — *Work Area*

D. Park — *Air Technician*

317 7294 — *Air Technician Phone*

Cambria — *Contractor*

Bill — *Contractor Contact*

Fax Results To:

Fax #

51 — *Rotometer #*

Cassette Lot #

Ceiling Plaster, FT/FTMS — *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 #	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	0921	0921	0922	0922	0923	0926	0927	0927	0927	0928		
End Time Military Time	1151	1151	1152	1152	1153	1156	1157	1157	1157	1158		
Duration (Minutes)	150	→										
Sample Volume (Liters)	600	→										

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

Lab Sample #	46094	095	096	097	098	099	100	101	102	103	104	105
Fibers/100 Fields:	9	4	3.5	8	6	9.5	7	8.5	5.5	7	0	0
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	—	—

Samples Relinquished By: D. Park	*Date:* 11/3/09
Received in Lab By: dlb	*Date:* 11-3-09
Analyzed By: B 22 1113	*Date:* 11.3.09
Microscope Make, Model & #:	*Turn-around Time* (Immed.) 24 Hr. 48 Hr.

Comments:

Left D.P. a V.M. @ 2:20pm 11.3.09 B

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: ☒ T. TRONNES Date: 08/27/09 Job Ticket #: 31259

Building / Location: MIDTOWN TOWER Work Area: 15TH 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 ☐ 72 07/09

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: FT/FTM, CPC, FIREDOORS, WPM, MASTIC, MSP. Sq/ft Ln/ft Project with multiple removals ☒

1st Check 0800 2nd Check 1000 3rd Check 1200 4th Check 1300 5th Check

Time of air sampling pump check

Notes

- ON SITE.
- WEATHER CONDITIONS - 67° - PARTLY CLOUDY.
- CAL. AND SET UP PUMPS @ 0800.
- PUMP CHECK @ 1000
- PUMP CHECK @ 1200.
- BROKE DOWN PUMPS @ 1300.
- BROUGHT SAMPLES TO LAB AT END OF SHIFT.

Air Technician Signature

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

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PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 10414-01

Asbestos Air Monitoring

Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket # 31259 SN

E.S.D.C.	08/27/09	MARK SMITH	
Client		Client Contact	Client Contact Phone
MIDTOWN TOWER	15TH FLOOR	T. TRONNES	202-5733
Building/Location	Work Area	Air Technician	Air Technician Phone
CAMBRIA	MARK DELPANTE		
Contractor	Contractor Contact	Fax Results To:	Fax #
72	823150937	FF/FM, EPE FIREDOORS, WPM, MASTIC, MISP.	
Rotometer #	Cassette Lot #	Materials to be Removed	

Project Phase: Phase IB [X] 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	3	3	3	3	3	3	3	3	3	3	1	1
Post-Calibrated Flow Rate	3	3	3	3	3	3	2.0	3	3	3		
Average Flow Rate	3	3	3	3	3	3	2.5	3	3	3		
Start Time Military Time	0801	0802	0803	0806	0807	0810	0800	0804	0805	0805		
End Time Military Time	1301	1302	1303	1306	1307	1300	1300	1304	1305	1305		
Duration (Minutes)	300	300	300	300	300	300	300	300	300	300		
Sample Volume (Liters)	900	900	900	900	900	900	750	900	900	900		

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

Lab Sample #	4701	4702	4703	4704	4705	4706	4707	4708	4709	4710	4711	4712
Fibers/100 Fields:	45	32	52	132	90.5	25	13	124	56	10.5	1	0
Fibers/cc:	.024	.017	.028	.071	.049	.013	.01	.067	.030	.01	N/A	N/A

Samples Relinquished By:	Date: 08/27/09
Received in Lab By:	Date: 9-2009
Analyzed By:	Date: 8-DEC-09
Microscope Make, Model & #: 22113	Turn-around Time: Immed. 24 Hr. 48 Hr.

Comments: SOME DEMO ON FLOORS BELOW AND DEBRIS ON FLOOR.

VERBALS TO TED SN 8 DEC 09 1:46 PM

ENVOY
environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☒ D. Park — Date: 11/9/09 — Job Ticket #: 36336

Building / Location: Midtown Tower — Work Area: 15th floor tent #1 — 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

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

Type of Material: FF/Form — Sq/ft — Ln/ft — Project with multiple removals ☐

1st Check 1340 — 2nd Check 1410 — 3rd Check 1440 — 4th Check 1510 — 5th Check

Time of air sampling pump check

Notes

Cal all pumps to 4 LPM
Set up pumps beginning @ 1305
Checked pumps often to insure operation - all good
Broke down pumps @ 1515 to sync with set up (150 mins)
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.

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PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 14163-09

09/1078

Job Ticket # 36336

Asbestos Air Monitoring

Chain of Custody

Meets NYCRR 56 amended January 11, 2006

14163-09

Empire State Development Corporation — *Client*

Mark Smith — *Client Contact*

Midtown Tower — *Building/Location*

15th floor tent #1 — *Work Area*

D. Park — *Air Technician*

317 7294 — *Air Technician Phone*

Cumbria — *Contractor*

Bill — *Contractor Contact*

Fax Results To:

Fax #

51 — *Rotometer #*

Cassette Lot #

FT/FTM — *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 #	I-1	I-2	I-3	O-4	O-5	O-6	B-1	B-2				
Pre-Calibrated Flow Rate	4	4	4	4	4	4						
Post-Calibrated Flow Rate	4	4	4	4	4	4						
Average Flow Rate	4	4	4	4	4	4						
Start Time Military Time	1303	1303	1303	1305	1305	1305						
End Time Military Time	1533	1533	1533	1535	1535	1535						
Duration (Minutes)	150	→	→	→	→	→						
Sample Volume (Liters)	600	→	→	→	→	→						

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

Lab Sample #	19358	359	360	361	362	363	364	365				
Fibers/100 Fields:	1.5	1	1	0.5	1	0	0	0				
Fibers/cc:	<.01	<.01	<.01	<.01	<.01	<.01	NA	NA				

Samples Relinquished By: D. Park	*Date:* 11/9/09
Received in Lab By: CLB	*Date:* 11-9-09
Analyzed By: CLB	*Date:* 11-9-09
Microscope Make, Model & #: 235757	*Turn-around Time* (Immed.) 24 Hr. 48 Hr.

Comments:

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

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Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☒ T. TRONNES Date: 08/27/09 Job Ticket #: 31259

Building / Location: MIDTOWN TOWER Work Area: 15TH 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 ☐ 72 07/09
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: FT/FTM, CPC, FIREDOORS, WPM, MASTIC, MSP. Sq/ft Ln/ft Project with multiple removals ☒

1st Check 0800 2nd Check 1000 3rd Check 1200 4th Check 1300 5th Check
Time of air sampling pump check

Notes

- ON SITE.
- WEATHER CONDITIONS - 67° - PARTLY CLOUDY.
- CAL. AND SET UP PUMPS @ 0800.
- PUMP CHECK @ 1000
- PUMP CHECK @ 1200.
- BROKE DOWN PUMPS @ 1300.
- BROUGHT SAMPLES TO LAB AT END OF SHIFT.

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

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Lab Job # 10414-01

Asbestos Air Monitoring

Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket # 31259 SU

E.S.D.C.	08/27/09	MARK SMITH	
Client		Client Contact	Client Contact Phone
MIDTOWN TOWER	15TH FLOOR	T. TRONNES	202-5733
Building/Location	Work Area	Air Technician	Air Technician Phone
CAMBRIA	MARK DELPANTE		
Contractor	Contractor Contact	Fax Results To:	Fax #
72	823150937	FT/FM, EPC, FIRE DOORS, WPM, MASTIC, MISP.	
Rotometer #	Cassette Lot #	Materials to be Removed	

Project Phase — Phase IB [X] 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	3	3	3	3	3	3	3	3	3	3		
Post-Calibrated Flow Rate	3	3	3	3	3	3	2.0	3	3	3		
Average Flow Rate	3	3	3	3	3	3	2.5	3	3	3		
Start Time Military Time	0801	0802	0803	0806	0807	0810	0800	0804	0805	0805		
End Time Military Time	1301	1302	1303	1306	1307	1300	1300	1304	1305	1305		
Duration (Minutes)	300	300	300	300	300	300	300	300	300	300		
Sample Volume (Liters)	900	900	900	900	900	900	750	900	900	900		

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

Lab Sample #	4701	4702	4703	4704	4705	4706	4707	4708	4709	4710	4711	4712
Fibers/100 Fields:	45	32	52	132	90.5	25	13	124	56	10.5	1	0
Fibers/cc:	.024	.017	.028	.071	.049	.013	.01	.067	.030	.01	N/A	N/A

Samples Relinquished By:	Date: 08/27/09
Received in Lab By: SH	Date: 9-2-09
Analyzed By: SH	Date: 9-2-09
Microscope Make, Model & #: 22113	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments:
SOME DEMO ON FLOORS BELOW AND DEBRIS ON FLOOR.
VOIDS TO Ted SH 8-28-09 1:46 PM

ENVOY
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Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☒ D. Park — Date: 11/9/09 — Job Ticket #: 36736

Building / Location: Midtown Tower — Work Area: 15th floor tenant #2 — 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
Job Type	Class I ☐	Class II ☒	Large ☐	Small ☒	Minor ☐

Type of Material: FT/FTM — SQ/ft — Ln/ft — Project with multiple removals ☐

Time of air sampling pump check: 1st Check 1340 — 2nd Check 1410 — 3rd Check 1440 — 4th Check 1510 — 5th Check

Notes

Cal all pumps to 4 LPM
Set up pumps beginning @ 1306
Checked pumps often to insure operation - all good
Broke down pumps beginning @ 1536 to sync with setup - 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.

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ENVIRONMENTAL SERVICES, INC.

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Lab Job # 14162-09
09/1078

Job Ticket # 36336

Asbestos Air Monitoring

Chain of Custody

Meets NYCRR 56 amended January 11, 2006

14162-09

Empire State Development Corporation — *Client*

Mark Smith — *Client Contact*

Midtown Tower — *Building/Location*

15th flr tent #2 — *Work Area*

D. Park — *Air Technician*

917 72 44 — *Air Technician Phone*

Cumbria — *Contractor*

Bill — *Contractor Contact*

Fax Results To:

Fax #

51 — *Rotometer #*

Cassette Lot #

FT/FTM — *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 #	I-1	I-2	I-3	O-4	O-5	O-6	B-1	B-2				
Pre-Calibrated Flow Rate	4	4	4	4	4	4						
Post-Calibrated Flow Rate	4	4	4	4	4	4						
Average Flow Rate	4	4	4	4	4	4						
Start Time Military Time	1306	1306	1307	1308	1308	1308						
End Time Military Time	1536	1536	1537	1538	1538	1538						
Duration (Minutes)	150	→	→	→	→	→						
Sample Volume (Liters)	600	→	→	→	→	→						

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

Lab Sample #	78350	351	352	353	354	355	356	357				
Fibers/100 Fields:	0.5	3	0.5	0	1	0.5	0	0				
Fibers/cc:	<.01	<.01	<.01	<.01	<.01	<.01	NA	NA				

Samples Relinguished By: D. Park	*Date:* 11/9/09
Received in Lab By:	*Date:* 11-9-09
Analyzed By:	*Date:* 11-9-09
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. Park — Date: 11/4/09 — Job Ticket #: 36336

Building / Location: Midtown Tower — Work Area: 15th flor tent #3 — Shift (A) B C

Project Description

ESDC — mark Smith

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

Cambric — ~~Bill~~ 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 ☐ 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: P.I. — Sq/ft ~~Ln/ft~~ — Project with multiple removals ☐

Time of air sampling pump check: 1st Check 1410 (1310) — 2nd Check 1440 — 3rd Check 1510 — 4th Check — 5th Check

Notes

~~Cal.~~ Cal. all pumps to 4 lpm
Set up pumps beginning 1309
Checked pumps after to insure operation - all good
Broke down all pumps beginning 1803 after exactly 180 min
Submitted all samples to LCS

Air Technician Signature

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PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 14164-09
09/1078

Job Ticket # 36736

Asbestos Air Monitoring

Chain of Custody

Meets NYCRR 56 amended January 11, 2006

14164-09

Empire State Development Corporation — *Client*

Mark Smith — *Client Contact*

Client Contact Phone

Midtown Tower — *Building/Location*

15th Floor Tent #3 — *Work Area*

D. Parker — *Air Technician*

317 7294 — *Air Technician Phone*

Cumbria — *Contractor*

Bill — *Contractor Contact*

Fax Results To:

P.I. — *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 #	I-1	O-2	B-1	B-2								
Pre-Calibrated Flow Rate	4	4										
Post-Calibrated Flow Rate	4	4										
Average Flow Rate	4	4										
Start Time Military Time	1309	1310										
End Time Military Time	1539	1540										
Duration (Minutes)	150	150										
Sample Volume (Liters)	600	600										

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

Lab Sample #	98366	367	368	369								
Fibers/100 Fields:	2	1.5	0	0								
Fibers/cc:	<.01	<.01	N/A	N/A								

Samples Relinquished By: D. Parker	*Date:* 11/1/09
Received in Lab By:	*Date:* 11-9-09
Analyzed By:	*Date:* 11-9-09
Microscope Make, Model & #: 235757	*Turn-around Time* (Immed.) 24 Hr. 48 Hr.

Comments:

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

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Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☒ T. TRONNES Date: 08/27/09 Job Ticket #: 31259

Building / Location: MIDTOWN TOWER Work Area: 15TH 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 ☐ 72 07/09
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: FT/FTM, CPC, FIREDOORS, WPM, MASTIC, MSP. Sq/ft Ln/ft Project with multiple removals ☒

1st Check 0800 2nd Check 1000 3rd Check 1200 4th Check 1300 5th Check
Time of air sampling pump check

Notes

- ON SITE.
- WEATHER CONDITIONS - 67° - PARTLY CLOUDY.
- CAL. AND SET UP PUMPS @ 0800.
- PUMP CHECK @ 1000
- PUMP CHECK @ 1200.
- BROKE DOWN PUMPS @ 1300.
- BROUGHT SAMPLES TO LAB AT END OF SHIFT.

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

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Lab Job # 10414-01

Asbestos Air Monitoring

Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket # 31259 SM 10414-01

E.S.D.C.	08/27/09	MARK SMITH	
Client		Client Contact	Client Contact Phone
MIDTOWN TOWER	15TH FLOOR	T. TRONNES	202-5733
Building/Location	Work Area	Air Technician	Air Technician Phone
CAMBRIA	MARK DELPANTE		
Contractor	Contractor Contact	Fax Results To:	Fax #
72	8231509037	FT/FM, TPC, FIRE DOORS, WPM, MASTIC, MISP.	
Rotometer #	Cassette Lot #	Materials to be Removed	

Project Phase — Phase IB [X] 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 #	I-1	I-2	I-3	I-4	I-5	0-6	0-7	0-8	0-9	0-10	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	2.0	3	3	3		
Average Flow Rate	3	3	3	3	3	3	2.5	3	3	3		
Start Time Military Time	0801	0802	0803	0806	0807	0810	0800	0804	0805	0805		
End Time Military Time	1301	1302	1303	1306	1307	1300	1300	1304	1305	1305		
Duration (Minutes)	300	300	300	300	300	300	300	300	300	300		
Sample Volume (Liters)	900	900	900	900	900	900	750	900	900	900	/	/

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

Lab Sample #	4761	4762	4763	4764	4765	4766	4767	4768	4769	4770	4771	4772
Fibers/100 Fields:	45	32	52	132	90.5	25	13	124	56	10.5	1	0
Fibers/cc:	.024	.017	.028	.071	.049	.013	.01	.067	.030	.01	N/A	N/A

Samples Relinquished By:	Date: 08/27/09
Received in Lab By:	Date: 9-2001
Analyzed By: SM	Date: 8-DEC-09
Microscope Make, Model & #: 221113	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments: SOME DEMO ON FLOORS BELOW AND DEBRIS ON FLOOR.

VOIDS NOTED SM 8-DEC-09 1:46 PM

ENVOY
environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☒ D. Park Date: 11/9/09 Job Ticket #: 36336

Building / Location: Midtown Tower Work Area: 15th flow test #4 Shift (A) B C

Project Description

ESDC — Client / Owner (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: Plastic / mastic

Sqft Ln/ft Project with multiple removals ☒

Type of Material

1st Check 1340 2nd Check 1410 3rd Check 1440 4th Check 1510 5th Check

Time of air sampling pump check

Notes

Cal. All pumps to 4lpm
Set up pumps beginning @ 1312
checked pumps with to make operation all good
Broke down pumps at exactly 150 mins
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.

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PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 14161-09

09/1078

Job Ticket # 36336

Asbestos Air Monitoring

Chain of Custody

Meets NYCRR 56 amended January 11, 2006

14161-09

Empire State Development Corporation — *Client*

Mark Smith — *Client Contact*

Client Contact Phone

Midtown Tower — *Building/Location*

15th Flr tent #4 — *Work Area*

D. Parker — *Air Technician*

317 7244 — *Air Technician Phone*

Cambrix — *Contractor*

Bill — *Contractor Contact*

Fax Results To:

Fax #

51 — *Rotometer #*

Cassette Lot #

Plaster/mastic — *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 #	I-1	I-2	I-3	O-4	O-5	O-6	B-1	B-2				
Pre-Calibrated Flow Rate	4	4	4	4	4	4						
Post-Calibrated Flow Rate	4	4	4	4	4	4						
Average Flow Rate	4	4	4	4	4	4						
Start Time Military Time	1312	1312	1313	1314	1314	1315						
End Time Military Time	1542	1542	1543	1544	1544	1545						
Duration (Minutes)	150	→	→	→	→	→						
Sample Volume (Liters)	600	→	→	→	→	→						

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

Lab Sample #	98343	343	344	345	346	347	348	349				
Fibers/100 Fields:	0.5	0.5	1	0	1	0.5	0	0				
Fibers/cc:	<.01	<.01	<.01	<.01	<.01	<.01	N/A	N/A				

Samples Relinquished By: D. Parker	*Date:* 11/9/09
Received in Lab By: dlb	*Date:* 11-9-09
Analyzed By: dlb	*Date:* 11-9-09
Microscope Make, Model & #: 235757	*Turn-around Time* (Immed.) 24 Hr. 48 Hr.

Comments: 20:12 11-9-09 dlb left Dave Parker voicemail for jobs 14161-14165

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: 11/9/09 Job Ticket #: 36336

Building / Location: Midtown Tower Work Area: 15th Floor tent # 5 Shift (A) B C

Project Description: ESDC

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

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

Map Completed: Yes ☒ No ☐
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

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

Type of Material: P.I. Sq/ft Ln/ft Project with multiple removals ☐

Time of air sampling pump check: 1st Check 1340 2nd Check 1410 3rd Check 1440 4th Check 1510 5th Check

Notes

Cal all pumps to 4LPM
Set up Samples beginning @ 1317
checked all pumps often to insure operation - all good
Broke down pumps 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.

PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 14165-09
09/1078

Job Ticket # 36336

Asbestos Air Monitoring

Chain of Custody

Meets NYCRR 56 amended January 11, 2006

14165-09

Empire State Development Corporation — *Client*

Mark Smith — *Client Contact*

Midtown Tower 15th floor tent #5 — *Building/Location*

Work Area: Bill

D. Park — *Air Technician*

3177294 — *Air Technician Phone*

Cambria — *Contractor*

Contractor Contact

Fax Results To:

Fax #

51 — *Rotometer #*

Cassette Lot #

P.J. — *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 #	I-1	O-2	IS-1	O-2								
Pre-Calibrated Flow Rate	4	4										
Post-Calibrated Flow Rate	4	4										
Average Flow Rate	4	4										
Start Time Military Time	1317	1318										
End Time Military Time	1547	1548										
Duration (Minutes)	150	150										
Sample Volume (Liters)	600	600										

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

Lab Sample #	98370	371	372	373								
Fibers/100 Fields:	2	3.5	0	0								
Fibers/cc:	<.01	<.01	NA	NA								

Samples Relinquished By: D. Park	*Date:* 11/9/09
Received in Lab By:	*Date:* 11-9-09
Analyzed By:	*Date:* 11-9-09
Microscope Make, Model & #: 235757	*Turn-around Time* **Immed.** 24 Hr. 48 Hr.

Comments:

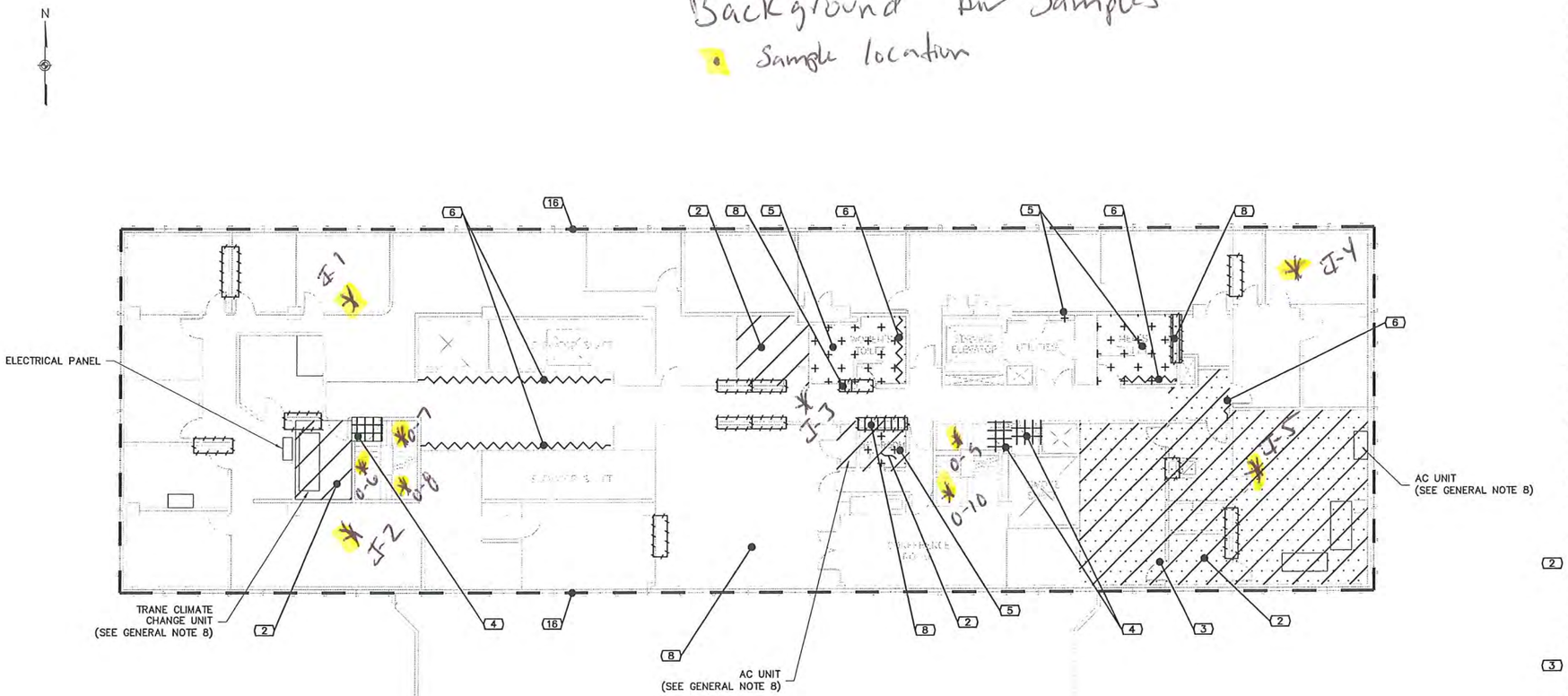
White - Lab Original Yellow - Lab Copy Pink - Project Folder Goldenrod - Technician

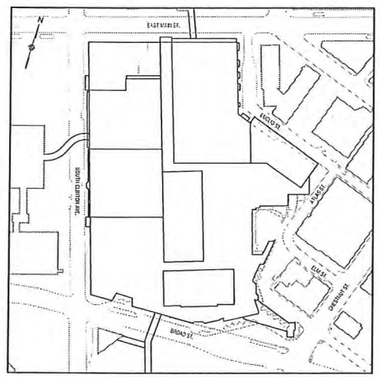
Sample Locations & Maps

15th floor

Background Air Samples

● Sample location





KEY PLAN
N.T.S.

FIFTEENTH FLOOR ASBESTOS ABATEMENT SCHEDULE		
	ASBESTOS CONTAINING MATERIAL TO BE REMOVED AND DISPOSED	QUANTITY
(2)	FLOOR TILE/MASTIC	1,600 SF
(3)	CEILING SYSTEM - PLASTER CEILING	1,400 SF
(4)	FIRE DOORS	3 EACH
(5)	WATERPROOF MEMBRANES	550 SF
(6)	MIRROR MASTIC	700 SF
(8)	FITTINGS ON FIBERGLASS PIPE INSULATION	90 EACH
(16)	WINDOWS	98 EACH

LEGEND:

PIPE CHASE

GENERAL NOTES:

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

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

3. ALL REMAINING BUILDING FURNISHINGS, INTERNAL COMPONENTS DEBRIS, AND ALL ITEMS LEFT BY THE OWNER SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. NOT ALL ITEMS ARE SHOWN.

4. THE CONTRACTOR SHALL PROVIDE A LICENSED ELECTRICIAN TO EVALUATE, DE-ENERGIZE AND REROUTE ELECTRICAL DISTRIBUTION LINES NECESSARY SO THAT ASBESTOS ABATEMENT AND DEMOLITION ACTIVITIES CAN OCCUR WITHOUT THE INTERRUPTION OF ELECTRICAL SERVICE TO OTHER PORTIONS OF THE SITE. ALL ELECTRICAL WORK SHALL BE INCLUDED IN THE CONTRACTORS LUMP SUM BID.

5. ALL TEMPORARY ELECTRICAL PANELS AND WIRING REQUIRED BY THE CONTRACTOR FOR HIS EQUIPMENT AND WORK AREA LIGHTING SHALL BE INCLUDED IN THE CONTRACTOR LUMP SUM BID.

6. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL INTERIOR CEILINGS, WALLS AND PARTITIONS. THE CONTRACTOR SHALL NOTE THAT NUMEROUS INTERIOR WALLS HAVE BEEN FILLED WITH A LOOSE VERMICULITE WALL INSULATION. ALL MATERIALS AND DEBRIS DEMOLISHED OR REMOVED BY THE CONTRACTOR SHALL BE DISPOSED OF AS ACM OR SHALL BE DECONTAMINATED AND DISPOSED OF AS C&D MATERIALS.

7. HOUSEHOLD, UNIVERSAL AND HAZARDOUS MATERIALS ARE PRESENT THROUGHOUT THE ENTIRE FLOOR LEVEL. THE CONTRACTOR SHALL REFER TO THE HAZARDOUS MATERIALS SURVEY FOR DESCRIPTIONS AND QUANTITIES TO BE REMOVED AND DISPOSED OF. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL HOUSEHOLD, UNIVERSAL AND HAZARDOUS MATERIALS IN ACCORDANCE WITH THE SPECIFICATIONS.

8. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE AC UNITS AND TRANE CLIMATE CHANGE UNITS AND ALL ASSOCIATED PIPING, DUCT WORK, GAUGES AND EQUIPMENT AS NECESSARY TO PERFORM THE WORK. ALL REMOVED EQUIPMENT SHALL BE DECONTAMINATED OF ALL CFC's, GREASE AND OTHER CONTAMINATES PRIOR TO DISPOSAL.

ASBESTOS ABATEMENT NOTES:

(2) FLOOR TILE/MASTIC ABATEMENT AND REMOVAL SHALL INCLUDE THE ABATEMENT, REMOVAL AND DISPOSAL OF ALL FLOOR SURFACING MATERIALS INCLUDING CARPET, CARPET MASTIC, FLOOR TILE, FLOOR TILE MASTIC AND OTHER SURFACING MATERIALS. THE LOCATIONS SHOWN FOR FLOOR TILE/MASTIC ARE LOCATIONS WHERE FLOOR TILE IS KNOWN TO EXIST. OTHER LOCATIONS OF FLOOR TILE MAY EXIST. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL FLOOR SURFACING MATERIALS TO EXPOSE THE SUBSTRATE. THE QUANTITY FOR ABATEMENT INCLUDES THE ABATEMENT OF ALL FLOOR TILE/MASTIC INCLUDING ANY AND ALL SURFACING MATERIALS.

(3) CEILING SYSTEM ABATEMENT AND REMOVAL SHALL INCLUDE ABATEMENT, REMOVAL AND DISPOSAL OF THE PLASTER CEILING. THE PLASTER CEILING IS AN ACM. THE CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT AND MATERIALS REQUIRED TO ABATE, REMOVE AND DISPOSE OF THE MATERIAL IN ACCORDANCE WITH SECTION 02080.

(5) THE WATERPROOF MEMBRANE IS LOCATED BENEATH EXISTING TILE FLOORING AND FLOORING COMPONENTS. THE CONTRACTOR SHALL REMOVE ALL FLOORING SURFACES REQUIRED TO ACCESS THE WATERPROOF MEMBRANE. ALL MATERIAL REMOVED AS PART OF THIS WORK SHALL BE DISPOSED OF AS ACM.

(6) MIRRORS ARE INSTALLED THROUGHOUT THE FLOOR LEVEL ON WALLS, COLUMNS, ETC. NOT ALL MIRRORS ARE SHOWN. THE MIRROR MASTIC ASSOCIATED WITH THE MIRRORS IS ACM. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL MIRRORS AS ACM. THE CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT AND MATERIALS REQUIRED TO REMOVE AND DISPOSE OF THE MIRRORS AND THE MIRROR MASTIC IN ACCORDANCE WITH NYSDOL ICR 56. ALL SUBSTRATES CONTAINING MIRROR MASTIC SHALL BE DECONTAMINATED TO THE SATISFACTION OF THE PROJECT MONITOR. SHOULD THE SUBSTRATE NOT BE CLEANABLE AS DETERMINED BY THE PROJECT MONITOR THEN THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE SUBSTRATE AS ACM AT NO ADDITIONAL COST TO THE CONTRACT.

(8) PIPING RUNS ARE CONTAINED WITHIN WALLS, PIPE CHASES AND ABOVE SUSPENDED CEILING THROUGHOUT ENTIRE FLOOR LEVEL. THE CONTRACTOR SHALL REMOVE ALL CEILINGS AND PERFORM ALL PREABATEMENT DEMOLITION NECESSARY TO EXPOSE ALL PIPING. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL A PREABATEMENT DEMOLITION PLAN PROPOSING THE MEANS AND METHODS FOR PREABATEMENT DEMOLITION ACTIVITIES AND PROCEDURES TO ENSURE ACM IS NOT DISTURBED DURING DEMOLITION ACTIVITIES. ALL DEBRIS GENERATED BY THE CONTRACTOR DURING DEMOLITION ACTIVITIES SHALL BE REMOVED AND DISPOSED OF.

Scale: 0 10 20 Ft.

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

REVISIONS

STATE OF NEW YORK — MARTIN I. WESTHOVEN — LICENSED PROFESSIONAL ENGINEER — NO. 074246

LiRo Engineers, Inc.
630 Delaware Ave.
Buffalo, New York

PROJ. ENG.:	M.J.W.
DESIGNED BY:	M.J.W.
CHECKED BY:	R.F.K.
DRAWN BY:	A.M.K.
DATE:	JANUARY 2009
SCALE:	1" = 10'

CLIENT: Empire State Development
400 Andrews Street, Suite 100
Rochester, New York 14604-1409

JOB TITLE AND LOCATION:
MIDTOWN TOWER
MIDTOWN PLAZA COMPLEX
ROCHESTER, NEW YORK

DRAWING TITLE:
15TH FLOOR
ASBESTOS ABATEMENT PLAN

LIRO JOB NO.: 08-21-104
SHEET OF: 13 17
FIGURE NO.: MT-A13

J:\08\21104 - Midtown Plaza\CAD\ACAD\ENA\MIDTOWN TOWER ACM.DWG, 4/1/2009 2:05:56 PM, AMK

15th floor SE

* prep AV samples

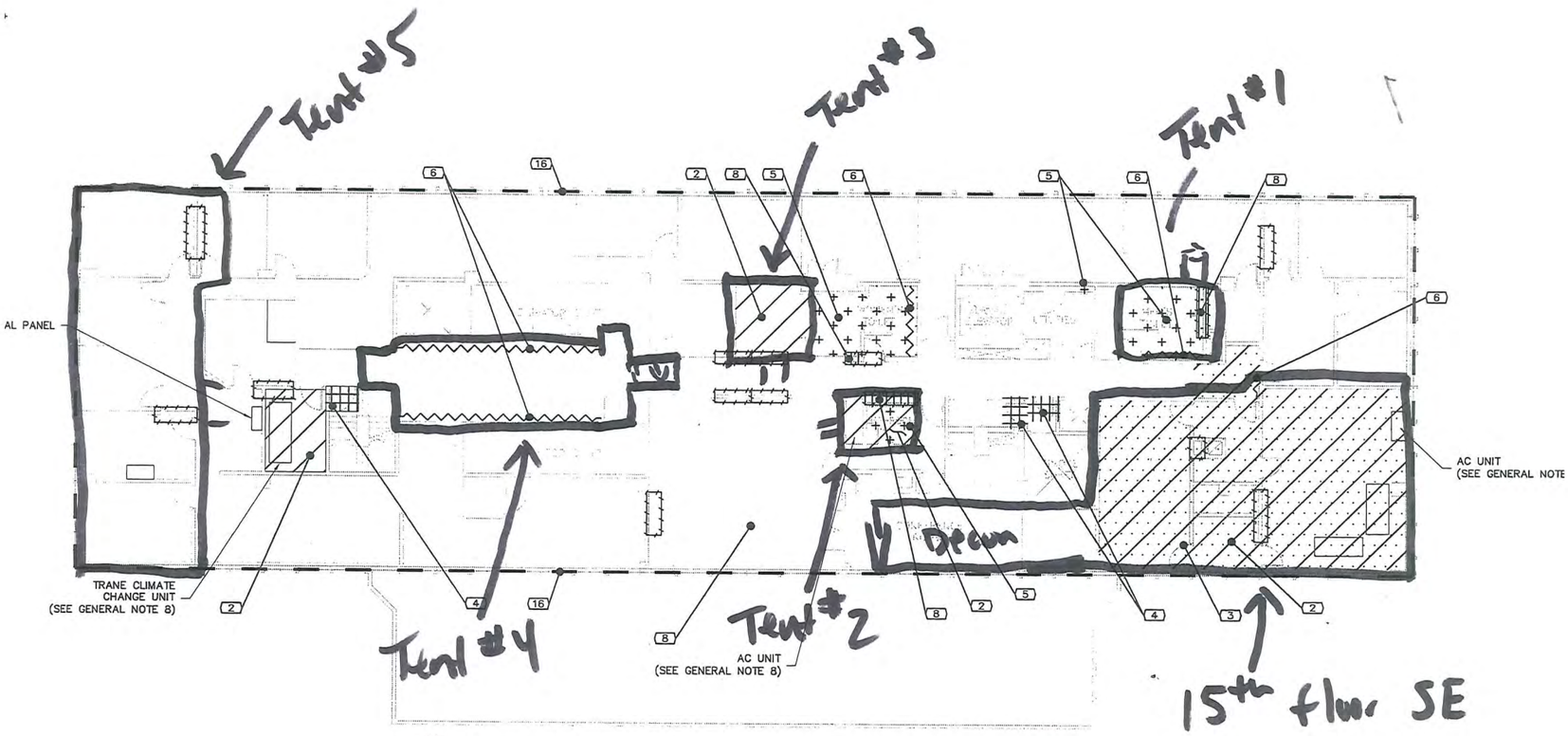
15th floor

IIB air Samples

15th floor SE

* final clearence air samples

15th floor tents and Quantities



15th floor SE -
965 Sq ft Ceiling Plaster
144 Sq ft. FT/FTM

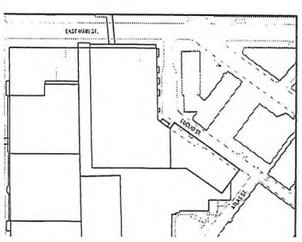
Tent # 3 -
10 fittings

Tent # 1 - 140 Sq ft FT/FTM

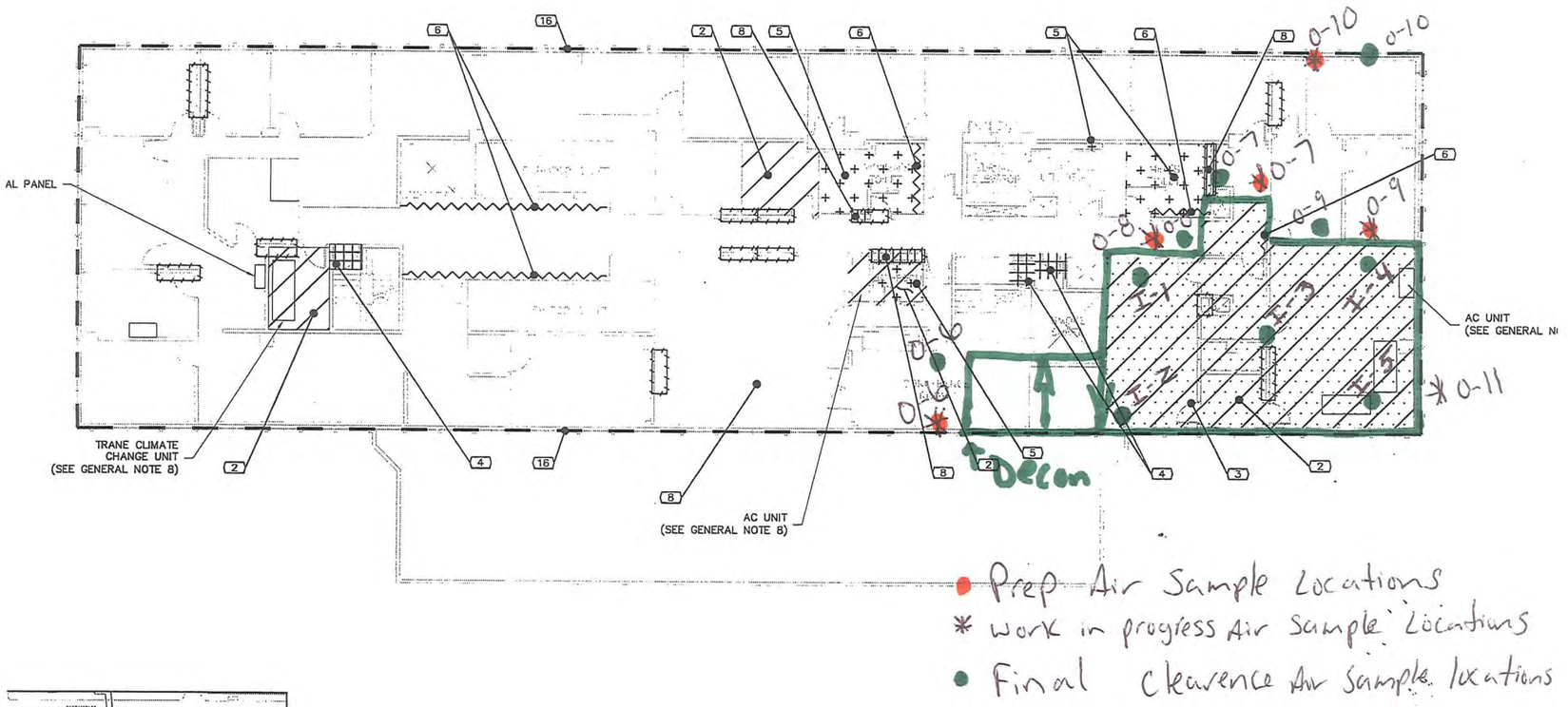
Tent # 2 - 48 Sq ft FT/FTM

Tent # 4 -
190 Sq ft mirrors
50 Sq ft. ceiling plaster

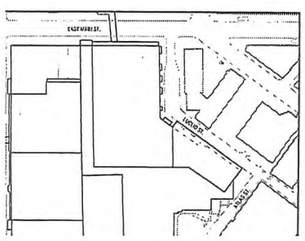
Tent # 5 -
37 elbows/fittings



15th Floor SE

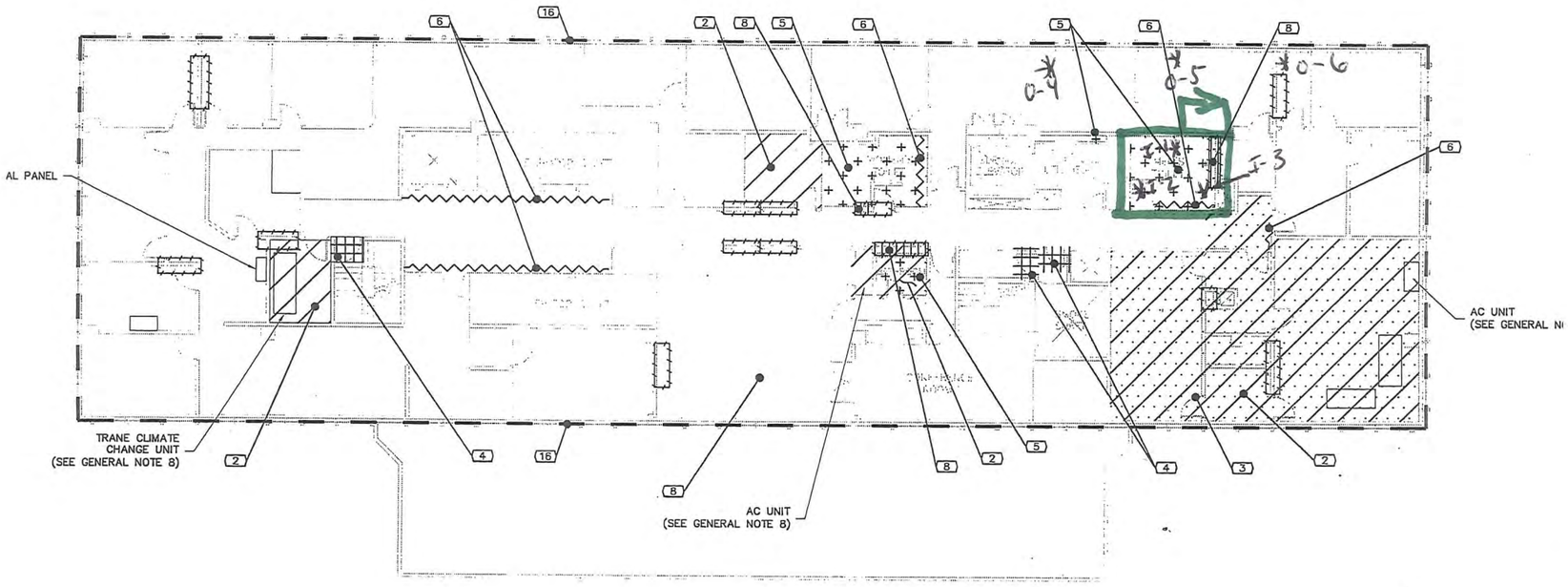


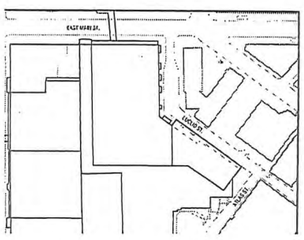
- Prep Air Sample Locations
- * work in progress Air Sample Locations
- Final Clearence Air Sample locations



15th Floor Tent #1

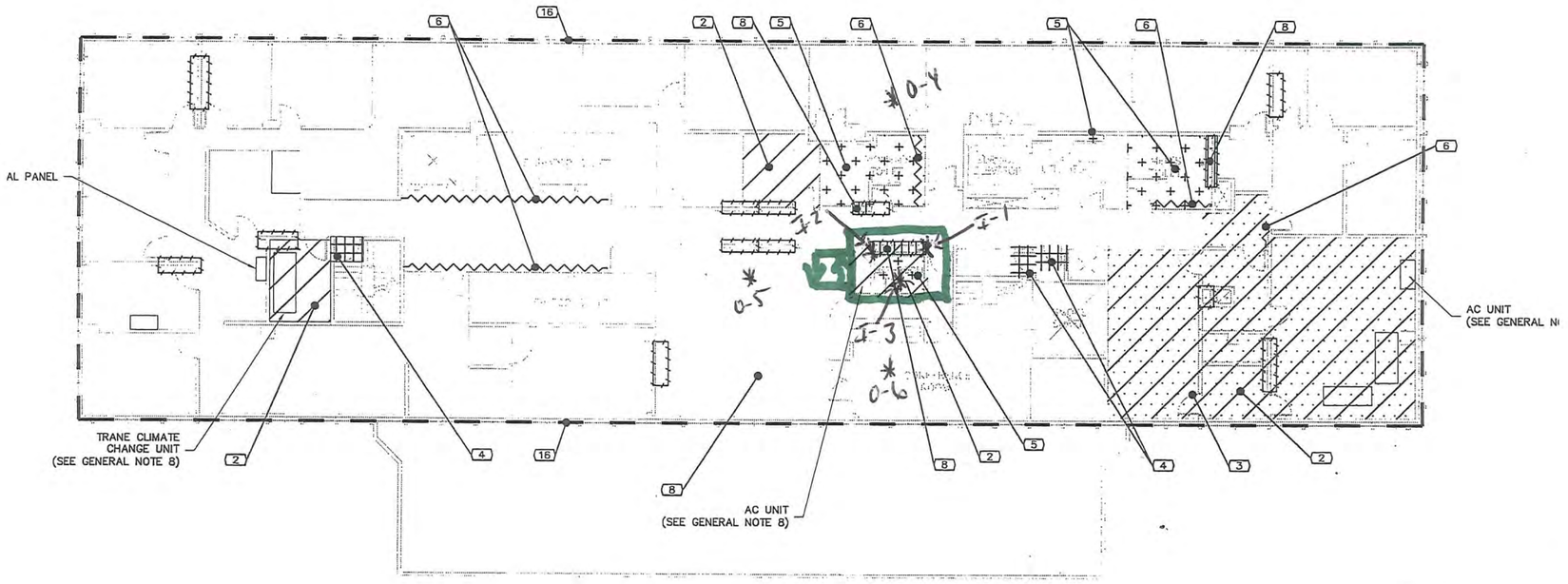
final air samples 11/9/09

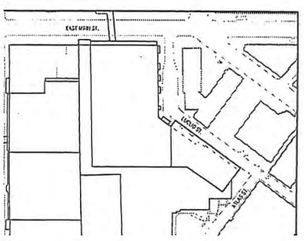




15th Floor Tent #2

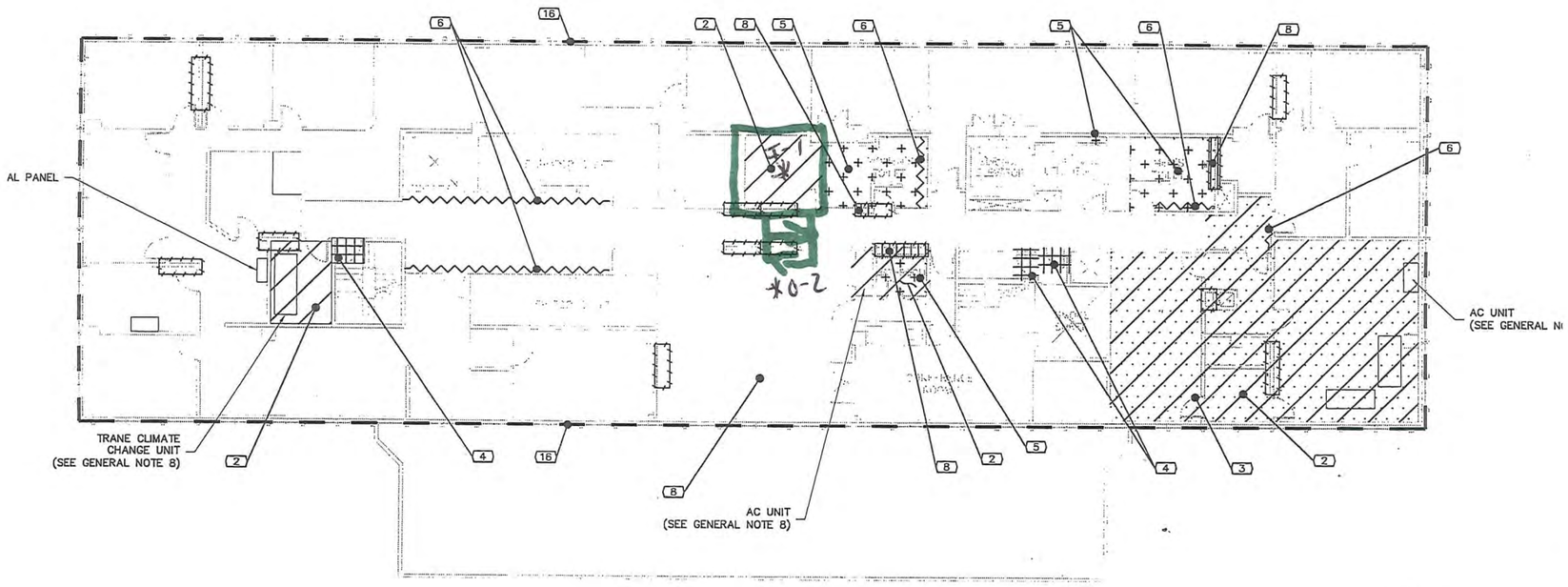
final Air Samples 11/9/09

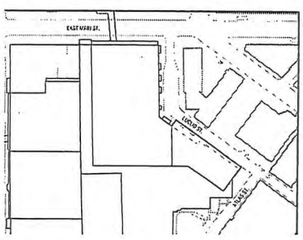




15th flr - Tent #3

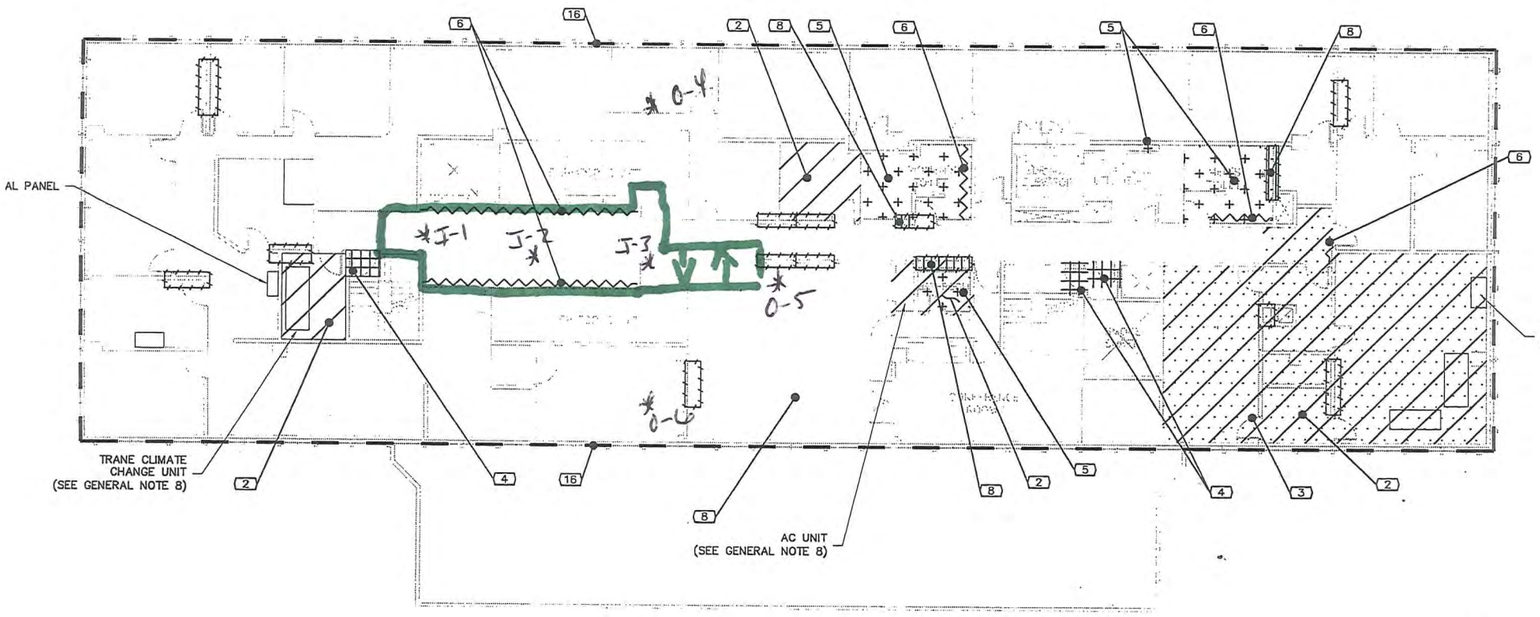
final air samples

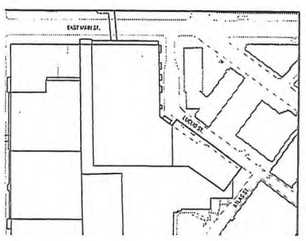




15th Floor Tent #4

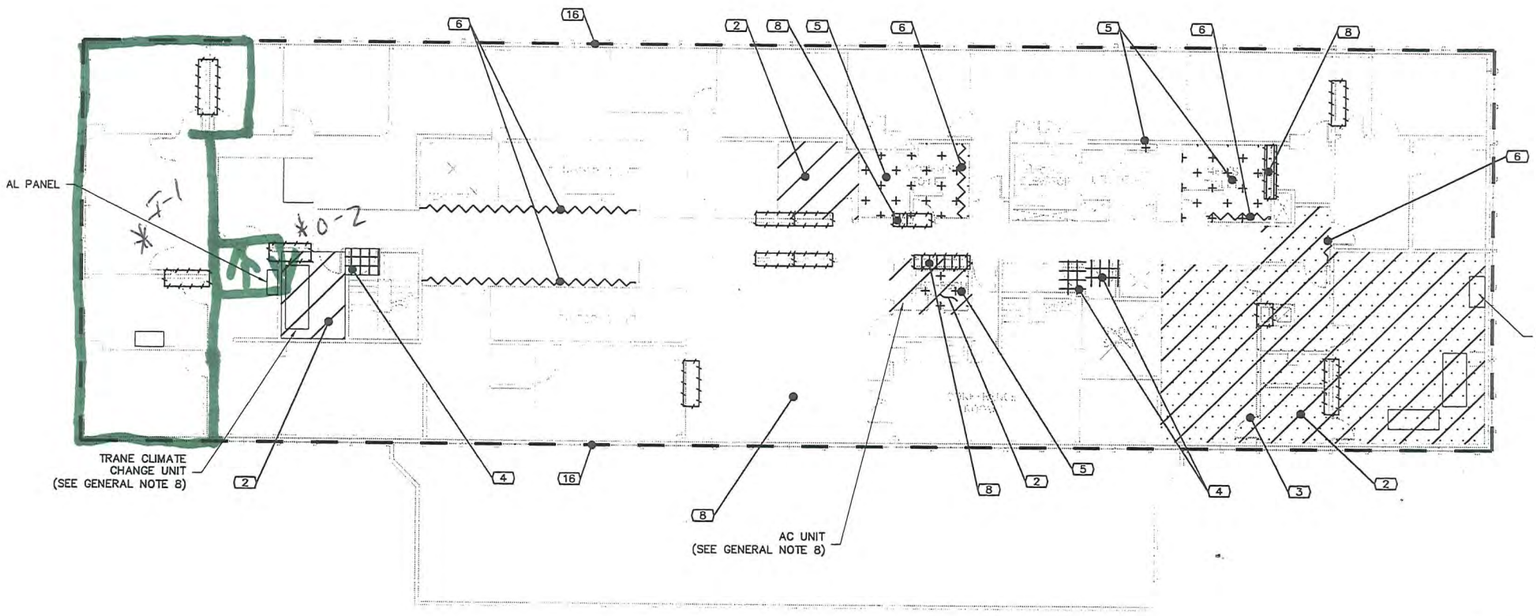
final Air Samples 11/9/09

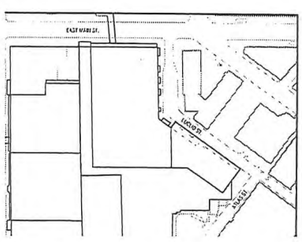




15th Floor Tent #5

final Air Samples 11/9/09





P.M. Logs & FVI
Misc. Sampling

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

NAME: TED TROWERS	**DATE:** 08/27/09
Contract #	**Liro Job #:**
HOURS: 0700 - 1530	**TASK:** P.M.

TIME	ACTIVITY
0700	ON SITE. Met w/ DARRYL AND MARK FOR WORK UPDATES.
	UNION WORKERS ON 2ND FLOOR MALL CONTINUING SELECTIVE DEMO AND 2 ON 1ST FLOOR
	REMOVING BULBS IN STORES. 2 MAINT. WORKERS PACKING BULBS INTO BOXES.
	CAMBRIA WORKERS ON 11TH THRU 14TH DOING CLEAN-UP AND SELECTIVE DEMO.
0800	BACKGROUNDS SET UP ON 15TH FLOOR.
0830	START WALK THRU OF 1ST FLOOR MALL FOR LEFT OVER LIGHT BULBS
	AND OTHER HAZ. MAT.
1130	NO CONCERNS AT THIS TIME FOR LIGHT BULBS AND HAZ. MATERIALS.
	LIGHT BULBS LEFT IN PLACE FOR 3 STORES THAT ARE BEING
	USED AS STORAGE/STAGING AREAS AND EAST SIDE BACK CORRIDOR.
1300	OLD WEGMANS STORE HAS SOME HOLES AND A TRENCH AREA, SO BILL B.
	TOLD WORKERS TO STAY OUT OF AREA UNTIL HOLES ARE FILLED OR TOPPED
	OFF. - ALSO IB-BACKGROUNDS FOR 15TH FLOOR COLLECTED. → RECEIVED
	CALL FROM LIAS THAT AIR SAMPLE THAT I RAN YESTERDAY (08/25/09) WERE HIGH.
	TOLD DARRYL K. AND BILL B. OF CALL FROM LIAS.
1500	CONTINUED WALK THRU OF 1ST FLOOR MALL.
1530	OFF SITE.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

NAME: Dave Parker	*DATE: 10/21/09*
Contract #	*Liro Job #:*
HOURS:0700-1730	*TASK:PM*

TIME	*ACTIVITY- Midtown Tower*
0700	On site/ set up phase IIB air samples at 3 LPM. All samples are in same locations as previously stated.
0800	There are currently 2 workers loading out ACM debris from active area. There are 2 workers on the 15th floor building a personal decon unit for the 15th floor SE area. This area will require air samples at the completion of the decon assembly. There is currently one worker on the 13th floor cleaning up water leaking from the 14th floor. On the 14th floor there is currently 14 workers power washing beams and deck. On the 12th floor there are 6 workers cleaning floor and pulling up old poly.
1000	Workers loading out ACM waste have finished. They loaded 16 boxes and 10 barrels into a trailer at the old Wegmans loading dock. Workers are now on the 12th floor helping crew clean and prep the floor for power wash phase. There are now a total of 8 workers on the 12th floor. All other workers remain in same spots as earlier stated.
1115	Inspected trailer to make sure all boxes and barrels are properly sealed and have proper signage. Boxes are watertight with no visible leaks. All barrels are also sealed tight at the top with no possibility for leaks. All boxes and barrels have proper asbestos signs.
1200	Inspected work on the 15th floor to insure decon is up to code rule 56 standards. Workers are building the decon unit to fit up to 12 workers. So far the decon looks good and I have no concerns at this time.
1300	Lunch and paperwork
1400	In area to inspect all work being completed. Workers on the 14th floor are approx. 55% complete with power washing phase. While on the 14th floor I noticed a spot on the south side of the floor on the ceiling that was missing the critical barrier. The piece of poly was on the floor and was probably blasted off with the power washer. I notified a worker who immediately remedied the situation. I have no concern with any potential contamination because the amount of water being used to power wash should contain any debris. This was the only problem I encountered in the area. 12th and 13th floor both look good.
1530	Discussed possible leaks to 11th floor with Mark D. and Sergiy. While the crew is power washing the 14th floor there are spots where spent water is leaking down. This is not a concern because the water is leaking into the active area. My concern is that when the crew begins to power wash the 12th floor there may be leakage down to the 11th floor which is not under containment. Mark and Sergiy said extra guys would be used to make sure water gets picked up and into a waste container as fast as possible. They assured me they would do whatever it takes to insure no leakage. At this point I can only wait and see how it goes. - (note from 10/26/09) crew is 60-80% complete and no leakage from 12 to 11 has yet to occur.

1700	Began breaking down phase 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: 10/22/09*
Contract #	*Liro Job #:*
HOURS:0700-1730	*TASK:PM*

TIME	*ACTIVITY- Midtown Tower*
0700	On site/ set up phase IIB air samples at 3 LPM. All samples were set up in same locations as previously stated.
0800	There are currently 2 workers on the 15th floor continuing to build decon for areas on 15, 16 and 17. There are 14 workers on the 14th floor power washing beams and deck. Workers are still using 3 power washers and cleaning water as it falls. On the 13th floor there is 1 worker cleaning water leaking from 14th floor. On the 12th floor there are 8 workers prepping the area to be power washed. Also on the 12th floor there is a crew power washing sections of the floor that have already been prepped. The crew is now utilizing a total of 4 power washers; 3 are on 14 and 1 is on 12.
1000	In area to see if 14th floor may be finished by the end of the day. The 14th floor should be completed by the end of the day. After the floor is complete the crew will be moving down to 12th floor. All areas will still need a detailed cleaning after power washing phase is compete.
1130	Checked manometer to make sure area is still under proper negative pressure. The manometer is now at -0.029, which is a steady drop from where it has been. I told Mark D. to inspect all critical barriers to make sure none have come loose or come off. He had a worker do this. Reading is still not below code rule standards.
1230	Lunch and paperwork.
1330	Trailer containing yesterdays ACM waste was sent back to the site because the landfill does not accept barrels. The crew unloaded all barrels off of truck and stored them in the same area where there empty barrels are located. All barrels filled with ACM waste are properly marked with asbestos warnings to insure no confusion. Crew will have to find a landfill to accept this waste. Trailer was then sent back to landfill with 16 boxes. - Barrels were later moved to old Wegmans store with all other waste.
1500	Spoke with Mark D. about progress in area. He said crew will need a few minutes in the morning to complete 14th floor and will then be moving all power washers to the 12th floor
1600	In office for paperwork.
1700	Began breaking down phase IIB air samples. All samples are still running at 3 LPM. I will submit samples to Paradigm on my way home.
1730	Off Site.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

NAME: Ted Tronnes	*DATE: 10-23-09*
Contract #	*Liro Job #:*
HOURS: 0700-1600	*TASK: P.M.*

TIME	*ACTIVITY Midtown Tower & Mall, Euclid*
0700	On site. Set up pumps for 12th, 13th, and 14th floor containment and 15th floor SE containment. Dave P. called in sick today.
0745	Helped Brandon with 2A containment pump set up outside as spotter for man lift.
0800	Talked to Geno and Andy about Mall work. 5 workers in Euclid 1st floor for soft demo.
0830	Over to the office to start paperwork.
0945	Headed over to the Mall. 5 workers on 1st floor Euclid. Workers doing good job. No concerns at this time.
1015	Up to Tower containment. Manometer reading is -0.068.
1020	In containment.
1115	Out of containment. 18 workers on 12th floor for power spraying and 2 workers on 14th floor with 55 gallon drums getting ready for waste out. Found small leaks down to 11th floor. Coming down bathroom drain pipes. Told both Mark and Sergiy to stop washing in area and re-seal around drains.
1130	Up to the 15th floor SE area to check on pumps and work. 2 workers prepping inside area. No issues found at this time. Also, 2 workers are being utilized for waste out in elevator and on 1st floor. Load out of 10 containers so far.
1215	Lunch
1245	Bruce on site to review spray-on quantities that Mike approved of.

1430	Over to Euclid Bldg. to check on work. Work going good. Workers know not to go into rooms without ceiling tile present. Already replaced opening into wall that opened to area without ceiling tiles/grids. Told Keith to slide a couple ceiling tiles back into place as they progress into room.
1510	Started to break down pumps for 15th floor SE and 12th, 13th, and 14th floors containment. After, I helped Brandon with man lift outside as spotter.
1600	Off site.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Dave Parker	*DATE: 10/26/09*
Contract #	*Liro Job #:*
HOURS:0700-1730	*TASK:PM*

TIME	*ACTIVITY- Midtown Tower*
0700	On site/ set up phase IIB air samples for the 12th, 13th and 14th floor area in same locations as previously stated. Today workers will begin plasticizing 15th floor SE (southeast) area. I have set up Phase IB air samples around this area as well. 5 samples set up; first sample 0-6 is set up at the entrance to the personal decontamination unit. The second sample 0-7 is set up at the waste decontamination unit. The next samples 0-8 and 0-9 were taken at 2 critical barriers both are at the north side of the area above the ceiling line. The last sample 0-10 is being taken at the north end of the 15th floor outside a window. All samples will be set up in the same locations daily throughout the duration of the 15th floor SE project.
0830	Currently there are 2 workers in the 15th floor SE area, both workers are applying poly to critical barriers in the area. Windows, walls and floors will be plasticized in this area. In the 12th, 13th and 14th floor area there are currently 7 workers on the 14th floor prepping area for non friable removal. On the 12th floor there are currently 14 workers power washing deck and beams in area. The 12th floor is currently 60-70% complete with power washing phase. There is currently 1 worker outside the 12th, 13th and 14th floor area assisting with equipment and assembling Gaylord boxes.
0900	Inside 12th, 13th and 14th floor containment with Darryl, Mark D. and Sergiy to answer questions about the waterproof membrane underneath the floors. Darryl and I told Sergiy that the kitchen floor and both restrooms contain a waterproof membrane. It will not be under the entire floor but Darryl suggested that the crew work east to west in the kitchen to insure all membrane is removed. The membrane is approx. 1 ½ inches underneath concrete floor. While in area we also told Sergiy that wall poly needs to be removed and walls need to be cleaned as part of the cleaning phase.
1100	Spoke with Sergiy about membrane in restroom on 14th floor. Sergiy said the crew could not locate any membrane is one the bathrooms. I told Sergiy to check multiple spots on the floor to insure there was no membrane. I went into area to inspect restroom in question. Upon completion of inspection I also found no membrane.
1200	Lunch and paperwork.
1300	In 15th floor SE area to check progress. Workers will finish the prep phase of this area today and can begin removal tomorrow.
1430	Crew on 12th floor has finished power washing the beams and deck. Tomorrow crew will continue to remove waterproof membrane and clean. All areas that have been power washed appear clean.
1600	5 Boxes have been loaded out of area today. All boxes are sealed tight and have proper signage.

1700	Began breaking down all air samples. Pumps are still running at 3 LPM. Samples will be taken to Paradigm on my way home.
1730	Off site.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

NAME: Dave Parker	*DATE:10/28/09*
Contract #	*Liro Job #:*
HOURS:0700-1730	*TASK: PM*

TIME	*ACTIVITY- Midtown Tower*
0700	On site/ set up all phase IIB air samples. Both the 12th, 13th and 14th floor area and the 15th floor SE area have been set up. All pumps are set at 3 LPM and are in same locations as previously stated.
0800	Inspected the personal decontamination unit as well as the waste decontamination unit and all critical barriers on the 15th floor SE area to make sure all are up to code. At the north side of the area above ceiling level there is a critical barrier that appears larger than 32 square feet. When measured off the area is larger than 32 sq ft and therefore needs to be hard walled. Sergiy and another worker quickly remedied the situation. The decon and waste decon both were up to code and remaining critical barriers are all properly sealed. The crew is good to start removal in this area.
0900	Currently in the 12th, 13th and 14th floor area there is 1 worker outside of containment loading supplies and assembling Gaylord boxes. On the 13th floor there are 15 workers doing a detailed clean of the area. On the 14th floor there are 8 workers removing tile and membrane and doing a detailed clean.
1015	There are 5 workers on the 15th floor doing bulk removal. This area has 3 rooms containing ceiling plaster. The area should only take approx 1 day for bulk removal and 1 to 2 days for cleaning phases. Workers are about 20% complete with bulk removal now and will continue with removal until all material is out of the area.
1130	Workers in the 12th floor area are continuing to clean. Most membrane (90%) has been removed in the area and majority of crew is now cleaning all beams, deck and pipes. Crew was told that pigeon holes will be difficult to clean but must be cleaned very well. I showed Louis common places were material tends to become lodged out of site in order to help with the clean. The crew seams to be doing a good job in areas that have been cleaned. It is difficult to put a percentage on the progress because material cannot be seen. For the next few days I will be in area to point out any missed debris.
1230	Lunch and Paperwork.
1330	Crew in 15th floor SE area may take 2 days for bulk removal of ceiling plaster. The ceiling grid on the east end of the area is difficult to remove. Crew is working as fast as possible and is doing a good job to insure there is minimal debris. Area is adequately wet I have no concerns with the removal phase at this time.
1500	Organized all air monitoring logs, chain of custodies and project monitor logs for Ted. All logs are now in a binder for easier access to all paperwork.
1600	18 boxes were loaded out of 12th floor area as well as 6 boxes from the 15th floor SE area. I inspected all boxes to insure they are properly sealed and labeled. All boxes are good to go and do not appear to have any leakage.

1700	Began breaking down all phase IIB air samples. All samples 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:10/29/09*
Contract #	*Liro Job #:*
HOURS:0700-1730	*TASK: PM*

TIME	*ACTIVITY- Midtown Tower*
0700	On site/ set up all phase IIB air samples for 12th, 13th and 14th floor area and the 15th floor SE area. All samples are set up at 3 LPM. All samples are in same locations as previously stated.
0800	At active containments to check location of all workers. At the 12th floor area there is currently 1 worker outside of containment loading out boxes from the 13th and 14th floor. There are 13 workers on the 13th floor cleaning area as well as 10 workers on the 14th floor also cleaning.
0930	At the 15th floor SE area there are currently 5 workers continuing removal of ceiling plaster. Sergiy said the crew will also demo some parts of the interior wall to check for any pipe fittings that may need to be removed.
1030	Crew on the 15th floor said they are not getting any water to the area. Workers stopped removal and the maintenance guys were called to the 17th floor where the water is being fed from to remedy the situation. Water was restored to the area by about 1130. Workers continued removal when water problem was fixed.
1200	Lunch and Paperwork.
1300	1 worker in the 12th floor area has moved from the 13th floor to outside the containment to help with supplies and boxes. There are now 2 workers outside of containment, 12 workers on the 13th floor cleaning and 10 workers on the 14th floor cleaning.
1400	There are still 5 workers in the 15th floor SE containment continuing bulk removal of ceiling plaster. Workers are also opening potions of the wall but no fittings have been found so far. Workers are about 90% finished with bulk removal and will finish by the end of the day. Workers will also remove floor tile and mastic in this area as well. There is approx. 60 sq ft of floor tile and mastic in this area. Workers will remove this material tomorrow and complete cleaning phase on Monday. If all goes as planned crew will be ready for the final visual inspection on Tuesday, 11/3/09.
1530	At office discussing project status and progress with Ted. Also completed day's chain of custody and air monitoring log.
1700	Began breaking down all IIB air samples. 2 pumps were running below 3 LPM. See chain of custody for details. All 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:10/30/09*
Contract #	*Liro Job #:*
HOURS:0700-1530	*TASK: PM*

TIME	*ACTIVITY- Midtown Tower*
0700	On site/ set up all phase IIB air samples at 3 LPM. Set up all pumps in same locations as previously stated.
0800	At active work area to check location and activities of all workers. In the 15th floor SE area there are 5 workers removing floor tile and mastic. Area of floor tile and mastic is not that big and should be complete by the end of the day. In the 12th, 13th and 14th floor area there is currently 1 worker outside containment getting supplies and assisting the crew. On the 12th floor there are currently 13 workers cleaning, there are 10 workers on the 14th floor cleaning as well. Workers have completed the detailed clean on the 13th floor and I will inspect it shortly to find areas that need further attention.
0930	On the 13th floor to inspect thoroughness of clean. Louis from Cambria and me are inspecting multiple areas of the floor to find troublesome areas that may require further attention. In the northeast corner of the floor I noticed that pigeon hole had loose debris and dust in and around the holes. These holes will need to be cleaned again. In the southwest corner of the area I found that beams that run along the decking, opposite the pigeon holes, have debris on them as well. This will be another area that must be cleaned again. In the same southwest corner I noticed that the outside of the beams, nearest the wall, have some debris still on them also. These same spots (beams opposite pigeon holes, pigeon holes, outer beams and bolts) will need to be addressed in the crews next cleaning phase. Louis from Cambria is aware of these spots and has begun to clean them as I inspected other areas. Other areas were very clean and overall I am impressed with the cleanliness of the area. I will inspect the 14th floor area early next week when the crew is finished or near finished with clean up.
1200	The crew has decided to work thru lunch in order to get out early. Most if not all of the crew is from Pittsburg and would rather work thru lunch to head home early. All of the workers remain in the same locations.
1230	At the office filling out today's paperwork.
1315	Crew on the 15th floor SE has finished removing floor tile and mastic on the floor in the area. The crew is beginning to clean up now and will do their cleaning phases on Monday.
1400	Began breaking down all phase IIB air samples as crews are showering out of area. All pumps are still running at 3LPM. 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:11/2/09*
Contract #	*Liro Job #:*
HOURS:0700-1730	*TASK: PM*

TIME	*ACTIVITY- Midtown Tower*
0700	On site/ set up all phase IIB air samples at 3 LPM. All air samples were set up in same locations as previously stated.
0800	Currently in the 15th floor SE area there are 5 workers applying a poly ceiling in order to block any potential debris from being dislodged during aggressive air samples. I inspected the ceiling to make sure all ACM plaster had been removed. All plaster ceilings have been removed and the crew finished the ceiling and will soon begin the final clean stage.
	In the 12th, 13th and 14th floor area there is currently 1 worker outside of containment. On the 12th floor there are 10 workers cleaning. 2 workers are also cleaning on the 13th floor as well as 10 workers on the 14th floor cleaning.
0930	Inside 12th, 13th and 14th floor containment to answer questions from Louis regarding areas that need to be further addressed. I told him about the same concerns we went over Friday including pigeon holes, bolts and beams that run opposite pigeon holes. All these area were spots I found to be dirty. Louis said crew will further address these areas immediately.
1030	Workers in 15th floor SE area have finished the final clean stage. Area has a 12 hour wait time before we can complete our final visual inspection to be followed by final air samples. Air samples for this area will be broken down shortly.
	5 workers from the 15th floor area are now moving to the 17th floor to begin building tents that will be used to remove elbows.
1200	Lunch and paperwork.
1300	Crew on the 17th floor has 2 tents built. Crew has also applied poly walls and ceiling around area where floor membrane will be removed. No asbestos on the 17th floor has been impacted so far. Crew is just building tents to prep the area for removal.
1400	Inside containment on the 14th floor with Louis from Cambria to inspect cleanliness of area and point out potential areas of concern. While in the area I noticed multiple pigeon holes that were dirty and will need to be cleaned again. I also found some bolts that still had debris on them as well as some beams that need to be cleaned again. Most spots I found were minor and will only require minimum cleaning. On the 14th floor on the beams that run along the passenger elevator I noticed the back side of these beams there was a lot of debris in the corners. I pointed these areas out of to Louis and on the way out of the area I noticed workers were applying poly to the wall to block this area out of the work area. I asked Gregory and Louis why workers were doing this and they said that this area would be addressed in a later work area. In my opinion there was plenty of room in between the beam and wall to remove the material now. I will speak will Bill from Cambria about these areas.
	After speaking with Bill we came to the conclusion that the area of concern should be addressed with this work area as opposed to holding it off until later. I spoke with Louis,

	Gregory and Sergiy to let them know what Bill and I talked about. The crew will now take the poly down and address all beams surrounding the passenger elevators as part of this work area.
1600	On the 17th floor to inspect minor tents being built. The crew will build a total of 6 tents in this area. Tents 1, 2 and 3 all contain pipe fittings, tent 4 contains floor tile and floor tile mastic, tent 5 contains floor membrane and tent 6 contains mirror mastic. Crew will complete building of the tents tomorrow and begin removal in tents shortly after.
1700	Began breaking down 12th, 13th and 14th floor 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: 11-03-09*
Contract #	*Liro Job #:*
HOURS: 1100-1730	*TASK: P.M.*

TIME	*ACTIVITY Euclid, Midtown Mall & Tower, and B. Foreman*
0700	On site. Helped Brandon with man lift as spotter for negative air pump placement.
0740	Over to the office. Dropped off equipment and printed out daily logs for Mike.
0750	Over to the garage to let in Cut K. and Mark Seeber. 2 workers to run backgrounds in B. Foreman Bldg.
0800	Showed Cut K. and Mark S. areas for backgrounds.
0830	Talked to Dave P. about 15th floor S.E. containment. Need to check survey for Tower to make sure that only the black floor tile mastic is positive. Spoke with Darryl after I checked survey and decided that black floor tile mastic is the only positive mastic in containment. Called Dave P. to let him know our findings.
0845	Talked to Mark Smith and Bob C. about broken window in Euclid Bldg.
0900	Weekly meeting. 1st shipment of light bulbs to go out Thursday.
1020	Talked with Bruce, Paul, Mark S., Marty, and Bob C. about quantities of ACM and method of documentation.
1040	Over to the Euclid Bldg. to check on work. 4 workers on the 1st floor. Workers are putting up wall around column that fire block was knocked off of and ceiling tiles have already been replaced.
1055	Checked in on 2 workers in B. Foreman Bldg. running backgrounds. Brought them to Dave Wendt for safety orientation.
1140	Walked Cut K. out of bldg. He had to leave site for another job.

1200	Manometer readings with Andy. 2A containment reading was -0.063 and 2D containment reading was -0.021.
1220	Lunch
1250	At office for paperwork.
1320	Over to the Euclid Bldg. to check on work. Bobcat operator taking debris from 1st floor to loading dock. Water is being used to keep dust levels down on 1st floor.
1400	Brought final airs to lab from 15th floor S.E. tat Dave P. ran this morning.
1445	Back on site. While at office I got new computer for workers to type up their daily logs. Set up new computer in office.
1530	Talked to Matt P. about pumps and the need for samples to be starting tomorrow with decons on 6th floor being fully operational.
1615	Over to the office to finish paperwork.
1715	Over to the Mall to help Brandon break down pumps with man lift.
1730	Off site.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

NAME: Dave Parker	*DATE: 11/3/09*
Contract #	*Liro Job #:*
HOURS: 0700-1730	*TASK: PM*

TIME	*ACTIVITY- Midtown Tower*
0700	On site set up all air samples for 12th, 13th and 14th floor. Samples are set up at 3 LPM and are in the same locations as previously stated. Air samples are no longer needed on the 15th floor SE area.
0800	On 17th floor to check work areas and materials. Tents will be labeled east to west beginning with tent #1 and on the east side of the floor (see floor map for details). While on floor I quantified materials and will give all numbers to Ted Tronnes.
0900	Currently there are 5 workers on the 17th floor. In the 12th, 13th and 14th floor area there are currently 9 workers on the 14th floor cleaning ceiling and beams. On the 13th floor there are 2 workers cleaning same areas and on the 12th floor there are 12 workers cleaning ceiling and beams as well.
0925	Set up final air samples on the 15th floor after completing final visual inspection. All final visuals have passed and air samples will be run at 4 LPM and ran for 150 minutes for a total of 600 liters of air.
1000	There are now 6 workers on the 17th floor. Workers are finished building tents and begin removing shortly. Crews will be utilizing glove bag operations for all pipe fitting areas. The 15th floor decon will be used as a remote decon for all tents on 15th, 16th and 17th floor.
1130	While on 17th floor Sergiy showed me the tent that is to be used to remove floor membrane (tent #5). Crew has checked multiple areas approx. 1 ½ inches below floor top and have not been able to locate any membrane. I spoke with Darryl who agreed that there is not a membrane underneath the restroom floor on the 17th floor. This tent will be taken down and will no longer require and inspection or air samples. There are now only 5 tents on 17th floor. Tent #6 will now be tent # 5.
1155	Final air samples for the 15th floor SE area have been broken down and will be submitted to Paradigm shortly.
1230	Lunch and paperwork.
1330	Inspected all waste leaving area. On the 15th floor crew had 5 boxes of ACM waste taken out and on the 12th, 13th and 14th floor there are 4 boxed of ACM waste being taken out. All boxes were properly sealed and labeled. No visible leaks or emissions were spotted in my inspection of Gaylord boxes. All boxes have been brought to Wegman's loading dock and stored in waste trailer.
1500	Spoke with Mark D. and Sergiy about the crews' plans for 15th, 16th and 17th floor. The crew will begin removal of tents on the 17th floor and work there way down to the 15th. They should take approx. 1 day to remove and clean on each floor with some workers prepping tents on the floor below in order to stay ahead. Minor glove bag tents used to remove pipe fittings will have a 2 hour wait time and tents with floor tile and mastic will have a 4 hour wait time. Any

	friable projects such as the ceiling plaster on the 15th floor will require a small project decon and a 12 hour wait time. I feel confident with the crews plan and we should be able to have all 3 floors (15th, 16th and 17th) cleared of asbestos in about 1 week.
1615	Final air samples for the 15th floor SE area have passed. I notified Mark D. about results of final airs. Crew is beginning to break down area now. Decon will stay in place and be used as a remote decon for all tents on the 15th, 16th and 17th floor. Crew has properly caution taped path to floors above. While on the 15th floor I post inspected area to insure no asbestos was left behind in area. Area looked good and I have no concerns with any debris left behind.
1700	Began to break down all air samples for 12th, 13th and 14th floor. 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: 11/4/09***
Contract #	***Liro Job #:***
HOURS: 0700-1730	***TASK: PM***

TIME	*ACTIVITY- Midtown Tower*
0700	On site/ set up all air samples for 12th, 13th and 14th floor. All pumps were set up at 3 LPM. Samples are in same locations as previously stated.
0800	Checked location of all workers and what they are doing. Workers in the 12th, 13th and 14th floor area are all continuing with the cleaning phase. There are currently 12 workers on the 13th floor and 9 workers on the 12th floor. Currently there is one worker outside containment helping with supplies.
	On the 17th floor there are 3 workers removing elbows in minor tents on the. On the 16th floor there are currently 4 workers prepping tents to be used to remove materials. Workers should finish tents on the 17th floor shortly after lunch and final visual inspections will be completed after appropriate wait time.
1000	Inside 12th, 13th and 14th floor area to inspect cleanliness. Pointed out areas that will need to be further addressed. Areas were same as previously stated i.e. pigeon holes, bolts and beams that run opposite pigeon holes. Area is looking good and is approx. 80% completely finished.
1200	Checked manometer to insure area is getting proper negative pressure. Manometer is currently reading -0.048.
1230	Lunch and paperwork.
1400	5 tents on 17th floor are now complete with removal and final clean. 3 of 5 tents have a 2 hour wait time. 1 tent has a 4 hour wait and the last tent has a 12 hour wait time. Visual inspections will be complete tomorrow and will be followed by final air samples.
1445	Crew from 17th floor has moved down to 16th floor to assist with building tents. Crews in 12th, 13th and 14th floor have stayed on same floors thru the duration of the day.
1535	Inspected all Gaylord boxes containing ACM. 24 bags were removed from 15th floor waste out and 6 boxes were unloaded from 12th, 13th and 14th floor. All boxes and bags have been properly sealed and labeled. No visible leaks or emissions were found in my inspection of boxes and bags.
1700	Began breaking down all air samples. 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: 11/5/09***
Contract #	***Liro Job #:***
HOURS: 0700-1730	***TASK: PM***

TIME	***ACTIVITY- Midtown Tower***
0700	On site/ set up all phase IIB air samples for 12th, 13th and 14th floor at 3 LPM. All samples are set up in same locations as previously stated.
0800	Check location of workers and work being completed. On the 16th floor there are 7 workers removing ACM in tents. On the 16th floor there are 7 tents being used to remove all materials. On the 15th floor there are 4 workers prepping tents to be used to remove remaining materials on the 15th floor. In the 12th, 13th and 14th floor area there are currently 2 workers on the 13th floor continuing with clean phase. On the 12th floor there are 12 workers also continuing with clean phase.
	Today workers are beginning to build a decon to be used for the 9th and 10th floor. Crew of 2 has begun to build frame of decon. Decon will not be able to be used for the 11th floor. The 11th floor contains the decon unit for 12th, 13th and 14th floor. The crew cannot remove material on the 11th floor until the 12th, 13th and 14th floor has final air sample results.
0900	Visual inspections were complete with Darryl. Tents #1 and #4 need further cleaning. Crew back in these tents immediately to clean up tents. Tents # 2, 3 and 5 have all passed. Final air samples for tents 2, 3 and 5 will be started shortly. Final air samples for tents #1 and #4 will be ran today after proper wait time. Wait times will start when crew is done with clean up.
1000	All air samples for tent #2, tent #3 and tent #5 were all set up beginning at 0957 and finished setting up samples at 1005. Samples were set up at 4 LPM and will be ran for 150 minutes for a total of 600 liters of air.
1020	Crew has finished clean up of tent #1 and tent #4 and wait times will begin. Tent # 1 has a 4 hour wait time and tent #4 has a 2 hour wait time. I will begin final air samples for these tents at approx. 1400. All samples will be completed and submitted to lab by the end of the day.
1230	Broke down final air samples on 17th floor, all samples were submitted to lab by the end of the day.
1300	Lunch and paperwork.
1400	Inspected all ACM waste being loaded out of the areas. 65 bags and 6 boxes of waste have been loaded out from the 15th floor and 5 boxes have been loaded out from the 12th, 13th and 14th floor. All boxes and bags have been properly sealed and labeled. No visible leaks or emissions were found on any waste containing bag or box. All waste was loaded into the trailer at the Wegman's loading dock.
1530	Workers on the 16th floor have finished removing in tents. Workers will final clean for remainder of day and possibly into tomorrow. Crew will move to 15th floor tomorrow. 7 tents on 16th floor will have visual inspections complete tomorrow morning.
1615	Spoke with Mark D. and Sergiy for plan on removal of ceiling plaster remaining on 15th floor. Crew needs to have an attached decon for this area because it is a small area with friable

	material. The crew was going to use the remote decon and add a tunnel to the area but this cannot be done while the crew is using the decon as a remote decon for tent removal. Crew agreed to build a small project decon attached to both areas containing ceiling plaster to make 1 small ceiling plaster area.
1700	Began breaking down air samples for 12th, 13th and 14th floor. 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: 11/6/09***
Contract #	***Liro Job #:***
HOURS: 0700-1730	***TASK: PM***

TIME	*ACTIVITY- Midtown Tower*
	All final air samples for 17th floor have passed. I notified Mark D. and Sergiy about results. The crew can break down tents as soon as they like.
0700	On site/ set up all phase IIB air samples for 12th, 13th and 14th floor at 3 LPM. Samples are in same locations as previously stated.
0800	Checked location of workers and work being complete. Currently there are only 4 workers in 12th, 13th and 14th floor areas cleaning. On the 15th floor there are 9 workers; 6 workers are prepping tents to be removed and 3 workers are removing in tents that are already prepped. On the 17th floor there are currently 3 workers tearing down tents that passed final airs. On the 8th floor there are 5 workers continuing to build the decon for 9th and 10th floor. 6 workers are on the 10th floor doing selective demo.
0900	Workers have finished final clean on all tents on the 16th floor. Visual inspections will be completed after a 2 hour wait period.
1000	Inspected work being completed on 15th floor. Workers have checked multiple spots where membrane was supposed to be located and no membrane was found. I inspected area myself and found no membrane. Crew will not have to abate area. Crew is removing in all remaining tents. There are 5 tents on the 15th floor to be abated.
1100	All visual inspections have passed on the 16th floor. Air samples will be set up shortly.
1200	Lunch and Paperwork.
1300	Set up all final air samples. Samples will be set up at 4 LPM and ran for 150 minutes for a total for 600 liters of air. Samples will be submitted to Paradigm on my way home.
1430	Back and forth between 15th and 16th floor to check on progress on 15th floor and final air samples running on 16th floor. Crew on 15th floor is still in removal stage. Final cleans for tents will begin shortly but will not be finished today. Pumps running on 16th are in good shape with no drop in LPM.
1530	Broke down final air samples for 16th floor. And completed all necessary paperwork for samples. See maps for sample locations.
1630	Spoke with Sergiy and Mark D. about crews plan for tomorrow. They will have half a crew here tomorrow to complete removal on 15th floor. Time permitting I will run finals on this tomorrow as well. Crew will work until 15th floor is complete.
1700	Broke down all air samples. Pumps are still running at 3 LPM. All 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:11-07-09*
Contract #	*Liro Job #:*
HOURS:0700-1430	*TASK: PM*

TIME	*ACTIVITY- Midtown Tower*
0700	Notified by Paradigm that finals for 4 of 7 16th floor tents have failed final clearance. Tents #1-4 have all failed final air samples. Tent #5, tent #6 and tent #7 passed. Crew can break down tents 5-7 but must re-clean 1-4. I notified Mark D. of air results, crew immediately began to clean failed tents.
0730	Crew is not working in the 12th, 13th and 14th floor area. Crew has finished cleaning this area and is now ready for water blasting of floor tile mastic. When other contractors doing the removal begin work in this area I will resume air sampling of this area.
0800	Crew is currently split between the 15th and 16th floor. Workers on the 16th floor are cleaning tents that failed air samples. Crew on the 15th floor is removing in tents. On the 15th floor there are 5 tents. Tents #3 and #5 have pipe fittings that require removal, tents #1 and #2 contain floor tile and mastic and tent # 4 contains mirror mastic and ceiling plaster. All tents comply with code rule 56 standards. Crew will finish removal in these tents by the end of the day.
0900	Crew finished clean up of 16th floor tents. A 2 hour wait period will be observed before final air samples are re-ran. Crew is now breaking down tents that have passed final clearance airs.
1000	Crew has begun building a personal decontamination unit on the 8th floor of the tower. This decon will be used for the 9th and 10th floor. The crew will not be able to incorporate the 11th floor in this area if they have not received clearance airs for 12th, 13th and 14th floor. There is currently a decon unit on the 11th floor being used for 12th, 13th and 14th floor and the crew can not block access to this decon. Cambria may need to revise their work plan to show the next area as 9th and 10th floor. I inspected decon to insure size will be sufficient for the size of their crew. Sergiy informed me 6 showers will be utilized so the decon will be large enough for 36 workers.
1115	Sergiy and Mark D. informed me that the crew will work thru lunch until the completion of the 15th floor. Upon completion of the 15th floor tents the crew will leave for the remainder of the weekend and be back on Monday.
1130	Final air samples were set up for 4 tents on the 16th floor. All 4 tents were run simultaneously and will be broken down at 1400. All pumps were set up at 4 LPM and will be checked often to insure operation.
1330	Crew has finished removal of all tents on the 15th floor. Crew is now showering out of area and will leave site shortly after. Final visual inspection and final air samples will be completed on Monday after all proper settling times.
1345	Crew is approx. 60% complete with the decon unit on the 8th floor. Crew will resume work on Monday.
1400	Broke down all final air samples for 16th floor. Samples will be submitted to Paradigm on my way home. Off site at 1430.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

NAME: Dave Parker	*DATE:11/09/09*
Contract #	*Liro Job #:*
HOURS:0700-1730	*TASK: PM*

TIME	*ACTIVITY- Midtown Tower*
0700	Final air samples for 16th floor tents #1 thru #4 have all passed. Was notified by Paradigm Sunday, 11/8/09. I notified Mark D. and Sergiy about results.
0730	With Darryl to do final visual inspections for all tents on the 15th floor. The 15th floor contains 5 small and minor tents. Darryl and I inspected all tents and found that tent #2 still has a small amount of mastic on the floor. Tents 1, 3, 4 and 5 have all passed. Crew immediately began to re-clean the floor.
0845	Crew finished cleaning the floor in tent #2 on the 15th floor. All 5 tents will have final air samples ran simultaneously after a 4 hour wait period.
0930	Currently crew is continuing to build a personal decontamination unit on the 8th floor. Crew is also doing demo work on the 9th, 10th and 11th floor. - 3 workers currently continuing with building of decon - 5 workers sealing windows on 10th floor, 6 workers selective demo - 4 workers demo radiators on 11th floor - 2 workers beginning framework for waste decontamination unit - 7 workers doing selective demo on 9th floor - 1 worker testing and repairing micro traps on the 8th floor
1100	Set up all pumps for final air samples on the 15th floor. Samples will be turned on after lunch. Wait period is over at about 1300. All samples were set up as per code rule 56.
1200	Lunch and paperwork.
1305	All air samples on the 15th floor were turned on by 1304. Pumps were set up before lunch. All pumps were set up at 4 LPM and will be run for 150 minutes for a total of 600 liters of air.
1400	Majority of crew in same locations as before lunch. - 1 worker continuing to test and repair micro traps - 5 workers sealing windows on the 9th floor - 4 workers removing radiators on 11th floor - 2 workers continuing to frame waste decon - 8 workers doing selective demo on the 9th floor - 8 workers doing selective demo on the 10th floor Inspected all work. No asbestos is being impacted with any demo. I have no concerns with any work being done at this time.
1545	All final air samples for the 15th floor have been broken down. All pumps are still running at 4 LPM. I will submit air samples to Paradigm on my way home.
1700	Crew has completed the decon unit on the 8th floor except for shower installation. Crew is waiting for hot water storage tanks that have been ordered. The tanks should be in tomorrow; when the tanks arrive the crew will complete the installation of the showers.

1730	Off site

Envoy Environmental Consultants Inc.

Project Monitor Visual Inspection Report

As per 12NYCRR Part 56 amended January 11, 2006

Building & Location: Midtown Tower 15th flor SE — Job Ticket # 36050
Project Description / *Work Area*

ESDC — Mark Smith
Client/Owner (Print Name) / *Client/Owner Representative (print name)* / *Client Contact (Print Name)*

Cambria — X Mark DiPaolo — X 09-13704
Abatement Contractor: / *Supervisor (print name)* / *NYSDOL Asbestos Handling Certificate Number*

Yes ☒ **No** ☐ — X Mark DiPaolo — X 09-13704
Supervisors Visual inspection Completed? / *Supervisor Completing Visual Inspection (print name)* / *NYSDOL Asbestos Handling Certificate Number* / *Date/Time*

Dave Park — 08-10920 — 11/3/09
Project Monitor (Print Name) / *NYSDOL Asbestos Handling Certificate Number* / *Date*

Site Emergency Phone: 911

Job Type: Class I ☐ Class II ☐ — 12 hours (*Wait period duration*) — *End Time of Final Clean*

Job Size: Large ☒ Small ☐ — Material Ceiling Plaster / FT 1FTM 80 Ln Ft

Project Monitor Visual Inspection Checklist — *Project with Multiple Removals* ☐

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

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

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

1.
2.
3.
4.

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

Verbal Scope of work given by Cambria To remove all ceiling plaster and floortile and mastic in given area as per code nyc 56.

Supervisors Signature X Mark DiPaolo — *Date/Time* X 11-3-09

Project Monitor Signature Dave Park — *Date/Time* 11/3/09

PASS ☑ *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:*

Envoy Environmental Consultants Inc.

Project Monitor Visual Inspection Report

As per 12NYCRR Part 56 amended January 11, 2006

Building & Location: Midtown Tower 15th floor tent #1 — Job Ticket # 36336

Project Description: FSDC — Work Area

Client/Owner (Print Name): FSDC — Client/Owner Representative (print name): X Mark DeLaute — Client Contact (Print Name): Mark Smith

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

Supervisors Visual inspection Completed? **Yes** ☒ **No** ☐ — Supervisor Completing Visual Inspection (print name): X Mark DeLaute — NYSDOL Asbestos Handling Certificate Number: X 09-13704 — Date/Time

Project Monitor (Print Name): Dave Parker — NYSDOL Asbestos Handling Certificate Number: 08-10920 — Date: 11/9/09

Site Emergency Phone: 911

Job Type: Class I ☐ Class II ☑ — Wait period duration: 4 hours — End Time of Final Clean

Job Size: Large ☐ Small ☑ — Material: ft/ftm (Sq) Ln Ft

Project Monitor Visual Inspection Checklist — Project with Multiple Removals ☐

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

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

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

1.
2.
3.
4.

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

Verbal Scope of work given by Sergiy from Cumbria. Crew is to remove all ft and ftm in given area as per code rule 56.

Supervisors Signature: X Mark DeLaute — Date/Time: X 11-9-09

Project Monitor Signature: Dave Parker — Date/Time: 11/9/09

PASS ☒ Area Cleared to proceed with Clearance Airs — **FAIL** ☐ Area needs Reclean and Reinspection

This report represents the conditibn 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 crtical or isolation barriers. This inpsection is the responsiblity of the asbestos abatement's supervior under subpart 56-9.3 of ICR-56.

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Envoy Environmental Consultants Inc.

Project Monitor Visual Inspection Report

As per 12NYCRR Part 56 amended January 11, 2006

Building & Location: Midtown Tower 15th flr dem't #2 — Job Ticket # 36336

Project Description: EsDC — Work Area

Client//Owner (Print Name): EsDC — Client/Owner Representative (print name): X Mark DeLanoce — Client Contact (Print Name): Mark Smith

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

Supervisors Visual inspection Completed? Yes ☒ No ☐ — Supervisor Completing Visual Inspection (print name): X Mark DeLanoce — NYSDOL Asbestos Handling Certificate Number: X 09-13704 — Date/Time

Project Monitor (Print Name): Dave Park — NYSDOL Asbestos Handling Certificate Number: 08-10120 — Date: 11/9/09

Site Emergency Phone: 911

Job Type: Class I ☐ Class II ☒ — 4 hours — Wait period duration — End Time of Final Clean

Job Size: Large ☐ Small ☒

Material FT/FTM (6) Sq Ln Ft

Project with Multiple Removals ☐

Project Monitor Visual Inspection Checklist

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

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

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

1.
2.
3.
4.

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

Verbal Scope of work given by Sergiy from Cambria. Area is to remove all ft/ftm in given area as per code rule 56.

Supervisors Signature: X Mark DeLanoce — Date/Time: X 11-9-09

Project Monitor Signature: — Date/Time: 11/9/09

PASS ☒ Area Cleared to proceed with Clearance Airs — **FAIL** ☐ Area needs Reclean and Reinspection

This report represents the conditibn 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 crtical 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:

Envoy Environmental Consultants Inc.

Project Monitor Visual Inspection Report

As per 12NYCRR Part 56 amended January 11, 2006

Building & Location: Midtown Tower 15th Flr Unit #3 Job Ticket # 36336

Project Description: EDC | Work Area

Client/Owner (Print Name): Cumbria | Client/Owner Representative (print name): X Mark DeLaMore | Client Contact (Print Name): X Mark Smith

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

Supervisors Visual inspection Completed? Yes ☒ No ☐ | Supervisor Completing Visual Inspection (print name): X Mark DeLaMore | NYSDOL Asbestos Handling Certificate Number: X 09-13704 | Date/Time

Project Monitor (Print Name): Dave Park | NYSDOL Asbestos Handling Certificate Number: 08-10920 | Date: 11/9/09

Site Emergency Phone: 911

Job Type: Class I ☒ Class II ☐ | Wait period duration: 2 hours | End Time of Final Clean: mmw ☒

Job Size: Large ☐ Small ☐ | Material: P.I. (Sq) (Ln) Ft

Project with Multiple Removals ☐

Project Monitor Visual Inspection Checklist

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

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

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

1.
2.
3.
4.

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

Verbal Scope given by Sergiy from Cumbria. Crew is to remove all P.I. in given area via sweeping as per code rule 56.

Supervisors Signature: Mark DeLaMore | Date/Time: 11-9-09

Project Monitor Signature: [signature] | Date/Time: 11/9/09

PASS ☒ Area Cleared to proceed with Clearance Airs | **FAIL** ☐ Area needs Reclean and Reinspection

This report represents the conditibn 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 crtical 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:

Envoy Environmental Consultants Inc.

Project Monitor Visual Inspection Report

As per 12NYCRR Part 56 amended January 11, 2006

Building & Location: Midtown Tower 15th Floor Test #4 Job Ticket # 363336

Project Description / Work Area

ESDC — Mark Smith

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

Cambria — X Mark DePaolo — X 09-13704

Abatement Contractor / Supervisor (print name) / NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐ — X Mark DePaolo — X 09-13704

Supervisors Visual inspection Completed? / Supervisor Completing Visual Inspection (print name) / NYSDOL Asbestos Handling Certificate Number / Date/Time

Dave Park — 08-10920 — 11/4/09

Project Monitor (Print Name) / NYSDOL Asbestos Handling Certificate Number / Date

Site Emergency Phone: 911

Job Type: Class I ☒ Class II ☐ — 12 hours (Wait period duration) — End Time of Final Clean

Job Size: Large ☐ Small ☒ — Material Plaster / mastic 89 Ln Ft

Project with Multiple Removals ☐

Project Monitor Visual Inspection Checklist

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

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

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

1.
2.
3.
4.

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

Verbal Scope given by Sergiy from Cambria. Crew is to remove all Plaster and Mastic in given area as per code rule 56.

Supervisors Signature Mark DePaolo — Date/Time 11-9-09

Project Monitor Signature — Date/Time 11/4/09

PASS ☒ Area Cleared to proceed with Clearance Airs — **FAIL** ☐ Area needs Reclean and Reinspection

This report represents the conditibn 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 crtical 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:

Envoy Environmental Consultants Inc.

Project Monitor Visual Inspection Report

As per 12NYCRR Part 56 amended January 11, 2006

Building & Location: Midtown Tower — 15th Flr — Tent #5 — Job Ticket # 36336
(Project Description / Work Area)

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

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

Yes ☑ No ☐ — X Mark DePaulo — X 09-13704 — Date/Time
(Supervisors Visual inspection Completed? / Supervisor Completing Visual Inspection (print name) / NYSDOL Asbestos Handling Certificate Number / Date/Time)

Dave Park — 08-10120 — 11/9/09
(Project Monitor (Print Name) / NYSDOL Asbestos Handling Certificate Number / Date)

Site Emergency Phone: 911

Job Type: Class I ☒ Class II ☐ — 4 hours (Wait period duration)

Job Size: Large ☐ Small ☐ — none ☒ (End Time of Final Clean)

Material P.I. — Sq — (n) — Ft

Project with Multiple Removals ☐

Project Monitor Visual Inspection Checklist

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 Criticals	☑	☐	☐
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.
3.
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).

Verbal Scope given by Sergiy from Cumbria. Crew is to remove all P.I. in area via glovebags. as per code rule 56.

Supervisors Signature X Mark DePaulo — Date/Time X 11-9-09

Project Monitor Signature — Date/Time 11/9/09

PASS ☒ 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:

Certifications

STATE OF NEW YORK - DEPARTMENT OF LABOR

ASBESTOS CERTIFICATE

DAVID J PARKER
CLASS(EXPIRES)
C ATEC(05/10) H EM (05/10)

CERT# 08-10920
DMV# 138257303

MUST BE CARRIED ON ASBESTOS PROJECTS

New York State Department of Health Certificate of Asbestos Safety Training

This form is the official record of successful completion of a New York State accredited asbestos safety training course.

Certificate No. 550050

I – To be completed by Trainee

Name of Trainee (print)	NYS Depart. of Motor Vehicles ID (DMV ID)[1]	
Dave Parker	138-257-303	
Signature of Trainee	Telephone Number	Date of Birth[1]
	585-255-0014	5/4/86

Address: 151 Hallbar rd. (Street or PO Box) | Rochester (City) | NY (State) | 14626 (Zip Code)

II – To be completed by Training Sponsor

Provider's Name	Telephone Number
Cornerstone Training Institute	585-319-3025
Address: 1680 Lyell Avenue Suite 200 Rochester, NY 14606	Course Location: JAMS
Zip Code	

Course Title: Project Monitor ☐ Initial ☒ Refresher | *NYS DOH use only* ☐ DOH Equivalency[2]

Training Language: ☒ English ☐ Other: _____ Exam Grade/Date: 88 S 5/6/09

Dates of Training: From: 5/6/09 To: 5/6/09 Expires: 5/6/10

I certify that the asbestos safety training course given on the above date complied with both 10 NYCRR Part 73 and TSCA Title II, was consistent with the curriculum and instructors approved by the New York State Department of Health, and the trainee receiving this certificate completed the training course and successfully passed the examination.

Training Director[2]: Darren Gehl (Print) _____ (Signature)

DEPT. OF LABOR

DOH-2832 (10/03) [1]Optional Information [2]DOH Equivalency signed by NYS DOH representative only

RESPIRATOR FIT - TEST RECORD

Employee's Name: Dave Parker

Employee's Social Security Number: 5004

Fit Test Date: 10-27-09 Person Conducting Fit-Test: T. Tronnes

Respirator Selected for Test: Full Face.

Manufacture: North Model: 7600

Respirator Size: Med.

Type of Fit - Test Conducted: Qualitative Type of Agent Used: Irritant Smoke

Was Rainbow Passage Used: Yes: ✓ No: _____

Was Face Piece to Face Seal Obtained: Yes: ✓ No: _____

Signature of Person Performing Fit Test: _____

Concentra Medical Centers (NY)
687 Lee Rd Suite 208 Rochester, NY 14606
Phone: (585) 458-7910 Fax: (585) 458-7507

Service Date: 05/05/2009

Medical Surveillance - Asbestos

Patient: Parker, David
SSN: XXX-XX-5004
DOB: 05/04/1986
Gender: M
Marital Status: S
Address: 151 Hallbar Rd
ROCHESTER, NY 14626
Home Phone: (585) 255-0014
Work Phone: Ext.:

Job Title:
Employer: Envoy Environmental Services
Address: 57 Ambrose St
Rochester, NY 146081215
Job Contact: Shawn House
Role: Primary Contact
Phone: (585) 454-1060 **Ext.:**
Fax: (585) 454-1062

Race: ASIAN BLACK HISPANIC INDIAN WHITE OTHER

The above individual was seen on 05/05/2009 in accordance with: ___29 CFR 1926.1101.
___40 CFR 763.121.

The following was performed:

- [x] Completion and review of the standardized medical questionnaire and work history with special emphasis directed to the pulmonary, cardiovascular, and gastrointestinal systems per Appendix D in 1926.1101.
- [x] Review of the employer's description of: this employee's duties as they relate to the employee's exposure, the employee's representative or anticipated exposure level, and personal protection equipment to be utilized by the employee.
- [x] Review of information from previous medical examinations if available.
- [x] A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems.
- [x] A pulmonary function test of forced vital capacity (FVC) and forced expiratory volume at one second (FEV 1) in accordance with NIOSH and ATS standards.
- [x] A chest roentgenogram, posterior-anterior, 14x17 inches (or current film on file) with interpretation in accordance with 29 CFR 1926.1101. (M)(2)(ii)(C).
- [x] NOTE: According to 29 CFR 1926.1101 (M)(2)(ii)(C), it is up to the discretion of the physician whether or not a chest X-ray is required.
- [x] The employee was informed by the physician of the results of the exam and of any medical conditions that may result from asbestos exposure including the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

Unless otherwise noted below, this evaluation indicates that there are no detected medical conditions that would place the employee at an increased risk of material health impairment from exposure to asbestos, and there are no recommended limitations on the employee concerning the use of personal protective equipment or respirator.

Comments or limitations (if any): _____

Provider Signature

5-5-09
Date

Concentra Medical Centers (NY)
687 Lee Rd Suite 208 Rochester, NY 14606
Phone: (585) 458-7910 Fax: (585) 458-7607

EMPLOYER AUTHORIZATION AND INFORMATION FOR RESPIRATORY EVALUATION

EMPLOYER TO COMPLETE THE FOLLOWING :

Employee Name: Parker, David

Address: 151 Hallbar Rd

ROCHESTER NY 14626

Employer: Envoy Environmental Services

Employee SSN: XXX-XX-5004

Check Type of Respirator(s) To Be Used (Check ✓ALL that apply)

- ☐ Air-purifying (non-powered)
- ☐ Air-purifying (powered)
- ☐ Atmosphere supplying Respirator
- ☐ Combination air-line and SCBA
- ☐ Continous-Flow Respirator
- ☐ Supplied-Air Respirator
- ☐ Open Circuit SCBA
- ☐ Closed Circuit SCBA
- ☐ Dust Mask
- ☐ 1/2 Face with Canisters
- ☐ Full Face with Canisters

Make: _____ Model: _____ Cartridge: _____

Special Work Conditions (Check ✓ ALL That Apply When Wearing Respirator)

- ☐ High Places
- ☐ Enclosed Places
- ☐ Protective Clothing
- ☐ Temperature Extremes
- ☐ Mostly Cold
- ☐ Mostly Hot
- ☐ Other: _____

Questionare will be: ☐ HAND CARRIED ☐ MAILED ☐ OTHER

Extent of Useage (Check ✓ALL that apply)

- ☐ On a daily basis _____ Total Hours
- ☐ Occasionally - but not more than twice a week ____ Total Hours
- ☐ Rarely - or for Emergency situations only ____ Total Hours

Expected Physical Effort Required (Check ✓ALL that apply)

- ☐ Light
- ☐ Moderate
- ☐ Heavy

Exposure to Hazardous Materials (Check ✓ALL that apply)

- ☐ Arsenic
- ☐ Benzene
- ☐ Coke Oven
- ☐ Cotton Seed / Dust
- ☐ Cadmium
- ☐ Formaldehyde
- ☐ Methylene Chloride
- ☐ Lead
- ☐ Textiles
- ☐ Chromium

Other(s): _____

EVALUATION AUTHORIZATION BY: _____
Signature of Employer Representative

DO NOT WRITE BELOW THIS LINE DO NOT WRITE BELOW THIS LINE DO NOT WRITE BELOW THIS LINE

PLHCP[1] WRITTEN STATEMENT for RESPIRATORS (EMPLOYER)

PHYSICIAN WILL COMPLETE THE FOLLOWING

This report may contain confidential medical information and is intended for the designated employer contact only. The Americans with Disabilities Act (ADA) imposes very strict limitations on the use of information obtained during physical examination of qualified individuals with disabilities. All information must be collected and maintained on seperate forms, in seperate files, and must be treated as a confidential medical record, with the following exceptions:

- Supervisors and managers may be informed about necessary restrictions on the work or duties of an employee and necessary accommodations.
- First aid and safety personnel may be informed, when appropriate, if the disability might require emergency treatment.

Based upon my findings, I have determined that this individual (Check ✓ALL that apply)

- ☐ Employee must schedule a medical examination with **Concentra Medical Centers (NY)** prior to respirator approval and usage.
- ☒ Class I - No Restrictions on Respirator Use
- ☐ Class II - Some Specific Use Restrictions
- ☐ To be used for Emergency Response or Escape Only
- ☐ Other: _____
- ☐ Class III - Respirator Use is NOT PERMITTED
- ☐ Further Testing / Evaluation is Required.[2]
- ☐ Fit Test Required
- ☐ Fit Test Performed Satisfactorily
- ☐ Fit Test Performed Unsatisfactorily
- ☐ Fit Test NOT Performed at: **Concentra Medical Centers (N)**
- ☒ Special prescription eyewear needed to accommodate respirator
- ☐ Special prescription eyewear needed to accommodate respirator
- ☐ Facial hair needs to be shaved to assure tight seal on certain face masks.

[1] Physician or other Licensed Healthcare Professional

[2] Employee must seek further medical evaluation by a private physician who must submit a report to **Concentra Medical Centers (NY)** of his/her findings to

(Check ✓ ALL that apply)

- ☒ The above individual HAS been examined for respirator fitness in accordance with 29 CFR 1910.134. This limited evaluation is specific to respirator use only. Employees should be instructed to report any difficulties in using respirators or change of any physical status to their supervisor or physician. This evaluation included the Respiratory Questionnaire outlined in 29 CFR 1910.134.
- ☐ The above individual HAS NOT been examined by me for respirator fitness. The employee's medical evaluation consisted of a review of OSHA's Medical Evaluation Questionnaire in Appendix C Part A Section 2. In accordance with 29 CFR 1910.134, this limited evaluation is specific to respirator use only. Employees would be instructed to report any difficulties in using respirators or change of any physical status to their supervisor or physician. This evaluation included the Respiratory Questionnaire outlined in 29 CFR 1910.134.
- ☒ In accordance with specific OSHA requirements, I have informed the above named individual of the results of this evaluation and of any medical conditions resulting from exposures that may require further explanation or treatment. Where applicable, the above named individual has been informed of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos, lead and/or other chemical exposure(s).

Physician's Signature M Lutz RPA

Physician's License Number (Optional in Most States) 5243

Physician's Name (Printed)

Date of Exam

Expires On

STATE OF NEW YORK - DEPARTMENT OF LABOR

ASBESTOS CERTIFICATE

THEODORE A TRONNES
CLASS(EXPIRES)
C ATEC(06/10) D INSP(06/10)
H PM (06/10)

CERT# 07-00223
DMV# 775062693

MUST BE CARRIED ON ASBESTOS PROJECTS

New York State Department of Health Certificate of Asbestos Safety Training

This form is the official record of successful completion of a New York State accredited asbestos safety training course.

Certificate No. 552572

I – To be completed by Trainee

Name of Trainee (print)	NYS Depart. of Motor Vehicles ID (DMV ID)[1]	
Trowbes, Theodore A.	775-062-093	
Signature of Trainee	Telephone Number	Date of Birth[1]
	(585) 202-5733	06/21/1979

Address: 320 English Rd. Rochester, N.Y. 14616
(Street or PO Box) (City) (State) (Zip Code)

II – To be completed by Training Sponsor

Provider's Name	Telephone Number
Cornerstone Training Institute	585-319-3625
Address: 1680 Lyell Avenue Suite 200	Course Location: same
Zip Code: Rochester, NY 14606	

Course Title: Project Monitor ☐ Initial ☒ Refresher

NYS DOH use only ☐ DOH Equivalency[2]

Training Language: ☒ English ☐ Other: _____ Exam Grade/Date: 96.5 6/3/09

Dates of Training: From: 6/3/09 To: 6/3/09 Expires: 6/3/10

I certify that the asbestos safety training course given on the above date complied with both 10 NYCRR Part 73 and TSCA Title II, was consistent with the curriculum and instructors approved by the New York State Department of Health, and the trainee receiving this certificate completed the training course and successfully passed the examination.

Training Director[2]: Darren Uehl. (Print) (Signature)

DEPT. OF LABOR

DOH-2832 (10/03) [1]Optional Information [2]DOH Equivalency signed by NYS DOH representative only

New York State Department of Health Certificate of Asbestos Safety Training

This form is the official record of successful completion of a New York State accredited asbestos safety training course.

Certificate No. 552577

I – To be completed by Trainee

Name of Trainee (print)	NYS Depart. of Motor Vehicles ID (DMV ID)[1]	
Townes, Theodore A.	775-062-693	
Signature of Trainee	Telephone Number	Date of Birth[1]
	(585) 202-5733	06/21/1979
Address 320 English Rd.	Rochester, N.Y.	14616
(Street or PO Box)	(City) (State)	(Zip Code)

II – To be completed by Training Sponsor

Provider's Name	Telephone Number
Cornerstone Training Inc.	585-319-3625
Address 1690 Lyell Ave	Course Location: Same
Zip Code 14606	

Course Title: Inspector Refresher ☐ Initial ☒ Refresher

NYS DOH use only ☐ DOH Equivalency[2]

Training Language: ☒ English ☐ Other: _____ Exam Grade/Date: 96 4/15/09

Dates of Training: From: 4/5/09 To: 4/5/09 Expires: 4/5/10

I certify that the asbestos safety training course given on the above date complied with both 10 NYCRR Part 73 and TSCA Title II, was consistent with the curriculum and instructors approved by the New York State Department of Health, and the trainee receiving this certificate completed the training course and successfully passed the examination.

Training Director[2]: Donna Yohl (Print) _____ (Signature)

DEPT. OF LABOR

DOH-2832 (10/03) [1]Optional Information [2]DOH Equivalency signed by NYS DOH representative only

Concentra Medical Centers (NY)
687 Lee Rd Suite 208 Rochester, NY 14606
Phone: (585) 458-7910 Fax: (585) 458-7507

EMPLOYER AUTHORIZATION AND INFORMATION FOR RESPIRATORY EVALUATION

EMPLOYER TO COMPLETE THE FOLLOWING :

Employee Name: Tronnes, Theodore A.

Address: 320 English Rd

ROCHESTER NY 14616

Employer: Envoy Environmental Services

Employee SSN: XXX-XX-5897

Check Type of Respirator(s) To Be Used (Check ✓ALL that apply)

- ☐ Air-purifying (non-powered)
- ☐ Air-purifying (powered)
- ☐ Atmosphere supplying Respirator
- ☐ Combination air-line and SCBA
- ☐ Continous-Flow Respirator
- ☐ Supplied-Air Respirator
- ☐ Open Circuit SCBA
- ☐ Closed Circuit SCBA
- ☐ Dust Mask
- ☐ 1/2 Face with Canisters
- ☐ Full Face with Canisters

Make: _____ Model: _____ Cartridge: _____

Special Work Conditions (Check ✓ ALL That Apply When Wearing Respirator)

- ☐ High Places
- ☐ Enclosed Places
- ☐ Protective Clothing
- ☐ Temperature Extremes
- ☐ Mostly Cold
- ☐ Mostly Hot
- ☐ Other: _____

Questionare will be: ☐ HAND CARRIED ☐ MAILED ☐ OTHER

Extent of Useage (Check ✓ALL that apply)

- ☐ On a daily basis _____ Total Hours
- ☐ Occasionally - but not more than twice a week ____ Total Hours
- ☐ Rarely - or for Emergency situations only ____ Total Hours

Expected Physical Effort Required (Check ✓ALL that apply)

- ☐ Light
- ☐ Moderate
- ☐ Heavy

Exposure to Hazardous Materials (Check ✓ALL that apply)

- ☐ Arsenic
- ☐ Benzene
- ☐ Coke Oven
- ☐ Cotton Seed / Dust
- ☐ Cadmium
- ☐ Formaldehyde
- ☐ Methylene Chloride
- ☐ Lead
- ☐ Textiles
- ☐ Chromium

Other(s): _____

EVALUATION AUTHORIZATION BY: _____
Signature of Employer Representative

DO NOT WRITE BELOW THIS LINE DO NOT WRITE BELOW THIS LINE DO NOT WRITE BELOW THIS LINE

PLHCP [1] WRITTEN STATEMENT for RESPIRATORS (EMPLOYER)

PHYSICIAN WILL COMPLETE THE FOLLOWING

This report may contain confidential medical information and is intended for the designated employer contact only. The Americans with Disabilities Act (ADA) imposes very strict limitations on the use of information obtained during physical examination of qualified individuals with disabilities. All information must be collected and maintained on seperate forms, in seperate files, and must be treated as a confidential medical record, with the following exceptions.

- Supervisors and managers may be informed about necessary restrictions on the work or duties of an employee and necessary accommodations.
- First aid and safety personnel may be informed, when appropriate, if the disability might require emergency treatment.

Based upon my findings, I have determined that this individual (Check ✓ALL that apply)

- ☐ Employee must schedule a medical examination with **Concentra Medical Centers (NY)** prior to respirator approval and usage.
- ☑ Class I - No Restrictions on Respirator Use
- ☐ Class II - Some Specific Use Restrictions
- ☐ To be used for Emergency Response or Escape Only
- ☐ Other: _____
- ☐ Class III - Respirator Use is NOT PERMITTED
- ☐ Further Testing / Evaluation is Required. [2]
- ☐ Fit Test Required
- ☐ Fit Test Performed Satisfactorily
- ☐ Fit Test Performed Unsatisfactorily
- ☐ Fit Test NOT Performed at: **Concentra Medical Centers (N)**
- ☐ Special prescription eyewear needed to accommodate respirator
- ☐ Special prescription eyewear needed to accommodate respirator
- ☐ Facial hair needs to be shaved to assure tight seal on certain face masks.

[1] Physician or other Licensed Healthcare Professional

[2] Employee must seek further medical evaluation by a private physician who must submit a report to **Concentra Medical Centers (NY)** of his/her findings to

(Check ✓ ALL that apply)

- ☑ The above individual HAS been examined for respirator fitness in accordance with 29 CFR 1910.134. This limited evaluation is specific to respirator use only. Employees should be instructed to report any difficulties in using respirators or change of any physical status to their supervisor or physician. This evaluation included the Respiratory Questionnaire outlined in 29 CFR 1910.134.
- ☐ The above individual HAS NOT been examined by me for respirator fitness. The employee's medical evaluation consisted of a review of OSHA's Medical Evaluation Questionnaire in Appendix C Part A Section 2. In accordance with 29 CFR 1910.134, this limited evaluation is specific to respirator use only. Employees would be instructed to report any difficulties in using respirators or change of any physical status to their supervisor or physician. This evaluation included the Respiratory Questionnaire outlined in 29 CFR 1910.134.
- ☐ In accordance with specific OSHA requirements, I have informed the above named individual of the results of this evaluation and of any medical conditions resulting from exposures that may require further explanation or treatment. Where applicable, the above named individual has been informed of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos, lead and/or other chemical exposure(s).

Physician's Signature DOUGLAS MINCER, R.P.A. - C. N.Y. LIC.# 7329

Physician's Name (Printed)

Physician's License Number (Optional in Most States)

Date of Exam Expires On

RESPIRATOR FIT - TEST RECORD

Employee's Name: TED TRONNES

Employee's Social Security Number: 5897

Fit Test Date: 4-16-09 Person Conducting Fit-Test: D. Hull

Respirator Selected for Test: Full Face

Manufacture: North Model: 5400

Respirator Size: Large

Type of Fit - Test Conducted: Qualitative Type of Agent Used: Irritant Smoke

Was Rainbow Passage Used: Yes: ✓ No: _____

Was Face Piece to Face Seal Obtained: Yes: ✓ No: _____

Signature of Person Performing Fit Test: D. Hull

Concentra Medical Centers (NY)
687 Lee Rd Suite 208 Rochester, NY 14606
Phone: (585) 458-7910 Fax: (585) 458-7507

Service Date: 05/07/2009

Medical Surveillance - Asbestos

Patient: Tronnes, Theodore A.
SSN: XXX-XX-5897
DOB: 06/21/1979
Gender: M
Marital Status: S
Address: 320 English Rd
ROCHESTER, NY 14616
Home Phone: (585) 202-5733
Work Phone: Ext.:

Job Title:
Employer: Envoy Environmental Services
Address: 57 Ambrose St
Rochester, NY 146081215
Job Contact: Shawn House
Role: Primary Contact
Phone: (585) 454-1060 **Ext.:**
Fax: (585) 454-1062

Race: ASIAN BLACK HISPANIC INDIAN WHITE OTHER

The above individual was seen on 05/07/2009 in accordance with: ____29 CFR 1926.1101.
____40 CFR 763.121.

The following was performed:

- [x] Completion and review of the standardized medical questionnaire and work history with special emphasis directed to the pulmonary, cardiovascular, and gastrointestinal systems per Appendix D in 1926.1101.
- [x] Review of the employer's description of: this employee's duties as they relate to the employee's exposure, the employee's representative or anticipated exposure level, and personal protection equipment to be utilized by the employee.
- [x] Review of information from previous medical examinations if available.
- [x] A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems.
- [x] A pulmonary function test of forced vital capacity (FVC) and forced expiratory volume at one second (FEV 1) in accordance with NIOSH and ATS standards.
- [x] A chest roentgenogram, posterior-anterior, 14x17 inches (or current film on file) with interpretation in accordance with 29 CFR 1926.1101. (M)(2)(ii)(C).
- [x] NOTE: According to 29 CFR 1926.1101 (M)(2)(ii)(C), it is up to the discretion of the physician whether or not a chest X-ray is required.
- [x] The employee was informed by the physician of the results of the exam and of any medical conditions that may result from asbestos exposure including the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

Unless otherwise noted below, this evaluation indicates that there are no detected medical conditions that would place the employee at an increased risk of material health impairment from exposure to asbestos, and there are no recommended limitations on the employee concerning the use of personal protective equipment or respirator.

Comments or limitations (if any): _____

Provider Signature

5/7/09
Date

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)

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

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

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

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

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: 021052
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)

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

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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.
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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

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:

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

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