

Notifications & Quantities Cover Summary



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 9th and 10th Floors work area at the above referenced project site. All detailed records are attached, grouped and tabulated by major record type. These include: *survey and confirmed removal quantities, applicable variances, daily air logs, daily air sampling reports, miscellaneous bulk sample reports, daily project monitoring logs, maps of sampling locations, and field and lab certifications*. Abatement contractor certifications and signed off work plans are incorporated by reference only. These documents are found in the *containment logs, maintained by LIRO Engineers*, for the dates referenced below.

The project air background samples were taken on September 9, 2009 and project containment set up began on November 11, 2009. The project continued until completion of abatement as confirmed by satisfactory air samples and Final Visual Inspection on December 14, 2009.

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.

9th Floor

<u>Material Type</u>	<u>Original Survey Quantities</u>	<u>Verified Removal Quantities</u>
Spray-on Fireproofing	43,300 Square Feet	40,059 Square Feet
Ceiling System	18,800 Square Feet	17,369 Square Feet
Fittings on Fiberglass		
Pipe Insulation	45 Fittings	58 Fittings
Floor Tile/Mastic	18,500 square feet	16,915 Square Feet
Waterproof Membranes	650 Square Feet	456 Square Feet
Mirror Mastic	400 Square Feet	200 Square Feet
Fire Doors	4 Doors	0 Doors
Windows with ACM Caulk	112 Each	0 Each

Fire Doors and Window Materials are still in place.

10th Floor

<u>Material Type</u>	<u>Original Survey Quantities</u>	<u>Verified Removal Quantities</u>
Spray-on Fireproofing	43,300 Square Feet	40,059 Square Feet
Ceiling System	18,800 Square Feet	17,369 Square Feet
Fittings on Fiberglass		
Pipe Insulation	45 Fittings	116 Fittings
Floor Tile/Mastic	18,500 Square Feet	16,915 Square Feet
Waterproof Membranes	650 Square Feet	456 Square Feet
Mirror Mastic	400 Square Feet	200 Square Feet
Fire Doors	4 Doors	0 Doors
Windows with ACM Caulk	112 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.

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

NOTIFICATION OF DEMOLITION AND RENOVATION

Operator Project #	Postmark	Date Received	Notification
I. TYPE OF NOTIFICATION (O = Original / R = Revised) R			
II. FACILITY INFORMATION (Identify owner, removal contractor, and other operator)			
OWNER: Upstate Empire State Development Corporation			
Address 400 Andrews Street			
City Rochester	State: NY	ZIP: 14604	
Contact: Robert Kreuzer		Tel: (716) 882-5476	
REMOVAL CONTRACTOR: Cambria Contracting, Inc.			
Address: 5105 Lockport Road			
City: Lockport	State: New York	ZIP: 14094	
Contact: William Eichhorn		Tel: (716) 625-6690	
OTHER OPERATOR: None			
Address:			
City:	State:	ZIP:	
Contact:		Tel:	
III. TYPE OF OPERATION (D = Demolition / R = Renovation) : R			
IV. IS ASBESTOS PRESENT? (Yes/No): Yes			
V. FACILITY DESCRIPTION (include building name, number and floor or room number):			
Building Name: The Midtown Tower and Mall			
Address: 140 Clinton Square - Midtown Plaza			
Address:			
City Rochester	State: New York	County: Monroe	
Site Location: Mall Floors 1 & 2; Tower Floors 3 through 18			
Building Size: 538,000	SqMeter:	SqFt: X	# of Floors: 18
Present Use: Vacant		Prior Use: Commercial Mall & Office Building	
VI. PROCEDURE, INCLUDING ANALYTICAL METHOD, IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: TEM (Transmission Electron Microscopy) PLM (Polarized Light Microscopy)			
VII. APPROXIMATE OF RACM TO BE REMOVED AND NON-FRIABLE ASBESTOS MATERIAL THAT WILL NOT BE REMOVED. SPECIFY THE AMOUNT OF ASBESTOS BELOW:			
	RACM to be Removed		Non-friable Asbestos Material not to be removed
		Category I	Category II
Pipes - Linear Feet	9946		
Pipes - Linear Meters			
Surface Area - Square Feet	1,393,090		
Surface Area - Square Meters			
Volume RACM off Facility Component - Cubic Feet			
Volume RACM off Facility Component - Cubic Meters			
VIII. SCHEDULED DATES OF ASBESTOS REMOVAL: (MM/DD/YY)		Start: 9/04/2009	Completion: 9/04/2010
IX. SCHEDULED DATES OF DEMOLITION/RENOVATION: (MM/DD/YY)		Start:	Completion:

NOTIFICATION OF DEMOLITION AND RENOVATION (continued)

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

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

XII. WASTE TRANSPORTER #1

Name:
Reccelli Trucking, Inc

Address:
P.O. Box 6401

City:
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 CRUMBLD, PULVERIZED, OR REDUCED TO POWDER:
Stop work, abatement following ICR 56 and OSHA

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

Signature of Owner/Operator

Date

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

Signature of Owner/Operator

Date

NOTICE DATE: 8/24/2009

NOTICE OF ASBESTOS ABATEMENT

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



Asbestos Project Notification

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

Contractor Information

FEIN:161542768

Cambria Contracting, Inc.

Mailing Address

5105 Lockport Road

Lockport NY 14094

Asbestos License Number: 29410

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@lilo.com
Cell Phone Number:

Phase Details

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

Name: Asbestos License Number:

Night/Weekend/Shift Work Details**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 MXP750 Water Pumps, Teel IPS579E Personal Air Pumps, BGI Inc ABC Manometer, Omnigard BS2000 Shower, Abatement Tech S5000T

Air Monitoring Firm

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

Laboratory Performing Analysis

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

Type of Asbestos Work

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

Waste Transporter

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

Landfill

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

Type and Amount of Asbestos Containing Material

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

Fee

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

Project Fee Schedule

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

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

Remarks

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



Report of Asbestos Survey Services

Location/Area	Asbestos Containing Material	Approximate Quantity	Condition
6 th Floor	Spray-on Fireproofing	43,300 SF	Fair
	Ceiling system	18,800 SF	Fair
	Fittings on Fiberglass Pipe Insulation	45 fittings	Fair
	Floor tile/mastic	18,500 SF	Fair
	Waterproof membranes	650 SF	Fair
	Mirror Mastic	400 SF	Fair
	Fire Doors	4 doors	Fair
	Windows with ACM caulk	112 each	Fair
7 th Floor	Spray-on Fireproofing	43,300 SF	Fair
	Ceiling system	18,800 SF	Fair
	Fittings on Fiberglass Pipe Insulation	45 fittings	Fair
	Floor tile/mastic	18,500 SF	Fair
	Waterproof membranes	650 SF	Fair
	Mirror Mastic	400 SF	Fair
	Fire Doors	4 doors	Fair
	Windows with ACM caulk	112 each	Fair
8 th Floor	Spray-on Fireproofing	43,300 SF	Fair
	Ceiling system	18,800 SF	Fair
	Fittings on Fiberglass Pipe Insulation	45 fittings	Fair
	Floor tile/mastic	18,500 SF	Fair
	Waterproof membranes	650 SF	Fair
	Mirror Mastic	400 SF	Fair
	Fire Doors	4 doors	Fair
	Windows with ACM caulk	112 each	Fair
9 th Floor	Spray-on Fireproofing	43,300 SF	Fair
	Ceiling system	18,800 SF	Fair
	Fittings on Fiberglass Pipe Insulation	45 fittings	Fair
	Floor tile/mastic	18,500 SF	Fair
	Waterproof membranes	650 SF	Fair
	Mirror Mastic	400 SF	Fair
	Fire Doors	4 doors	Fair
	Windows with ACM caulk	112 each	Fair



Report of Asbestos Survey Services

Location/Area	Asbestos Containing Material	Approximate Quantity	Condition
10 th Floor	Spray-on Fireproofing	43,300 SF	Fair
	Ceiling system	18,800 SF	Fair
	Fittings on Fiberglass Pipe Insulation	45 fittings	Fair
	Floor tile/mastic	18,500 SF	Fair
	Waterproof membranes	650 SF	Fair
	Mirror Mastic	400 SF	Fair
	Fire Doors	4 doors	Fair
	Windows with ACM caulk	112 each	Fair
11 th Floor	Spray-on Fireproofing	43,300 SF	Fair
	Ceiling system	18,800 SF	Fair
	Fittings on Fiberglass Pipe Insulation	45 fittings	Fair
	Floor tile/mastic	18,500 SF	Fair
	Waterproof membranes	650 SF	Fair
	Mirror Mastic	400 SF	Fair
	Fire Doors	4 doors	Fair
	Windows with ACM caulk	112 each	Fair
12 th Floor	Spray-on Fireproofing	43,300 SF	Fair
	Ceiling system	18,800 SF	Fair
	Fittings on Fiberglass Pipe Insulation	45 fittings	Fair
	Floor tile/mastic	18,500 SF	Fair
	Waterproof membranes	650 SF	Fair
	Mirror Mastic	400 SF	Fair
	Fire Doors	4 doors	Fair
	Windows with ACM caulk	112 each	Fair
13 th Floor	Spray-on Fireproofing	43,300 SF	Fair
	Ceiling system	18,800 SF	Fair
	Fittings on Fiberglass Pipe Insulation	45 fittings	Fair
	Floor tile/mastic	18,500 SF	Fair
	Waterproof membranes	650 SF	Fair
	Mirror Mastic	400 SF	Fair
	Fire Doors	4 doors	Fair
	Windows with ACM caulk	112 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: 716-4108-9567

FROM:

Name: CHRIS ROWEOffice: Engineering ServicesLocation: Bldg 12 Room 159, State Campus, Albany, NY 12240Phone No: 518-457-1536Fax No: 518-457-1301

COMMENTS:

VARIANCE DECISION AS DISCLOSEDHARD COPY SHALL FOLLOW VIA US MAILNUMBER OF PAGES BEING TRANSMITTED: 27 (including cover sheet)

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

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

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

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

THE CONDITIONS

1. As written with modifications as noted.
2. Relief from Section 5.1(h) is allowed only for non-ACM mounted/fixed object removal and non-ACM drywall removal that will not disturb ACM, as detailed within the petitioner's attached marked-up submittal.
3. During all phase II asbestos project activities, and preliminary preparatory work at the site, an independent full-time project monitor shall observe all work activities and ensure that no ACM is disturbed during work activities that are not within a negative pressurized containment enclosure. The project monitor shall direct the abatement contractor to cease all non-compliant activities upon discovery, and shall immediately inform the local district of the NYS DOL ACB of the situation by telephone.
4. Whenever internal combustion equipment is in use within the work area containment enclosure, combustion by-products shall be monitored as per current OSHA regulations, and engineering controls shall be established as necessary for adequate protection of all personnel in the work area from these by-products.
5. Any large equipment remaining in the work area, must be moved as necessary during the project monitor visual inspection, to allow all surfaces within the work area to be visually inspected adequately.
6. For discovered areas of ACM disturbance outside of negative pressurized work areas, all large size disturbance cleanup asbestos projects must be

Page 3 of 3

File Number 09-0796

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:

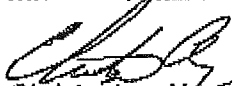
GENERAL CONDITIONS

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

By

M. PATRICIA SMITH
COMMISSIONER OF LABOR


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@lro.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.

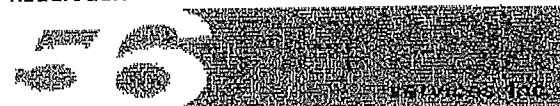
Please add previously attached site layout plans and example floor plans to this revised variance application.

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



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,

A handwritten signature in black ink, appearing to read 'R. Barr', with a stylized flourish at the end.

Robert Barr
NYS Project Designer #93-19183



PARADIGM
ENVIRONMENTAL SERVICES, INC.

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

09 796

PLM & TEM BULK ASBESTOS REPORT

Client: LIRO Engineers, Inc.

Job No: 10690-09

Location: Midtown Plaza
Rochester, New York

Page: 1 of 2

Sample Date: 9/3/2009

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
MM-01	75993	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

TEM Date Analyzed: 9/4/2009

Microscope: Olympus BH-2 #233173

TEM Analyst: J. Peter Donato

PLM Analyst: F. Childs

Laboratory Results Approved By:

Asbestos Technical Director

[Signature]
Mary Dohr

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

10690-09.xlsm 9/4/2009

09 796

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

08-21-104

LiRo Job #:

Job Name:

Job Location:

Samples Taken by:

Building /Site:

Midtown Plaza

Midtown Plaza, Rochester NY

DANIEL KOSAR

MALL

FAX Results to: 716-882-9640

attention: Jason Colvin

email results to: colvinj@lro.com

Turn-Around-Time: 1 month

ACM CODE	SAMPLE NUMBER	SAMPLE LOCATION	DESCRIPTION OF MATERIAL	NOTES	QUANTITY
.	mm . 01	2nd level - WEST	Black wire covering	75993	
.	mm . 02	2nd level - EAST	Blue wire covering	994	
.	mm . 03	1st level - WEST	Red wire covering	995 X	
.	mm . 04	1st level - EAST	White wire covering	996	
.	mm . 05	1st level - EAST	Black wire covering	997	
.	mm . 06	1st level - WEST (Ramp to pile)	JOINT Compacting	998	

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

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

Relinquished By (Signature)

Date / Time

Received By (Signature)

Date / Time

9/3/09 9:30 AM

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.

Job No: 10691-09

Location: Midtown Plaza
Rochester, New York

Page: 1 of 2

Sample Date: 9/3/2009

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	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 Analysts

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

TEM Date Analyzed: 9/4/2009

Microscope: Olympus BH-2 #233173

TEM Analyst: J. Peter Donato

PLM Analyst: F. Childs

 Laboratory Results Approved By:
 Asbestos Technical Director

 Mary Doherty

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

10691-09.xlsm 9/4/2009

09 796

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: Derek Kiser
 Building /Site: Towers

FAX Results to: 716-882-9640
 attention: Jason Calvin
 email results to: calvin@lir.com
 Turn-Around-Time: Immediate

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

Comments: First positive step for each "ACM Code" Group.

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

Relinquished By (Signature) <i>209 9/14</i>	Date / Time 9/3/09	Received By (Signature) <i>ASL</i>	Date / Time 9.3.09
--	-----------------------	---------------------------------------	-----------------------

10691-09

2856

09 796



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 unforeseen 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 aforementioned buildings and adjacent buildings are vacant and are all scheduled for abatement and demolition. Materials and approximate quantities addressed by this petition for variance are as follows:

MIDTOWN TOWER - Asbestos Containing Materials:

- Spray-on/troweled-on Fireproofing – 514,100 SF
- Ceiling systems – 216,300 SF
- Pipe Insulation (other than that associated with ceiling systems) - 2,100 SF
- Fittings on fiberglass pipe insulation – 1,415 fittings
- Floor tile/mastic – 197,900 SF
- Fire doors – 77 doors
- Chiller insulation – 170 SF
- Mirror mastic – 8,400 SF
- Waterproof membranes – 11,550 SF
- Acoustical plaster – 1,400 SF
- Vent caulk – 5 SF *CM 5/4/09*
- 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.

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 using 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 abatement 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 Burr

Office: _____

Location: _____

Floor: _____ Room: _____

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

FROM:

Name: Melissa Schindlerhoff

Office: Engineering Services

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

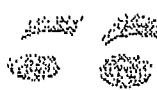
Phone No: 518-457-1536

Fax No: 518-457-1301

COMMENTS:

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

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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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OCT 22 2009

New York State Dept. of Labor
Engineering Services Unit

RE: **Midtown Plaza - Mall and Tower Variance Application Amendment - 09-796**

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 ~~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
12/12/06
CJA
10/22/09

PLYWOOD
SHEATHING

CJA
10/22/09

ALL EQUIPMENT SHALL BE THOROUGHLY
CLEANED AS PER 12/12/06
CJA
10/22/09

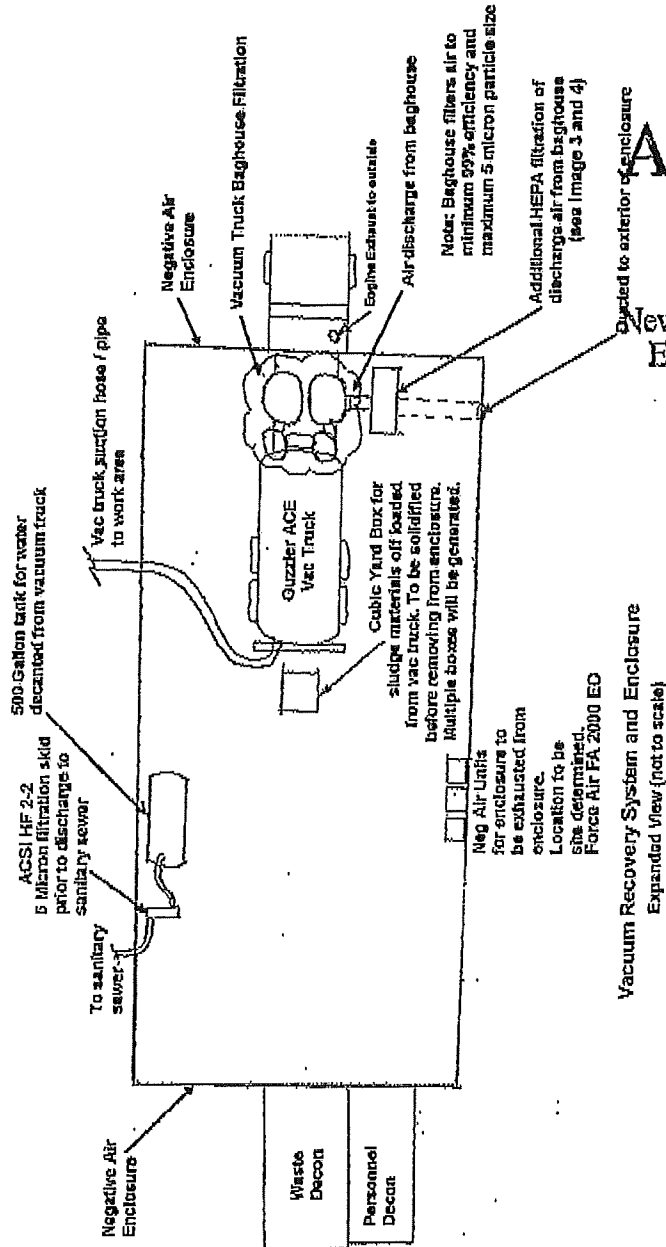
* ONLY UNITS EQUIPPED BY MANUFACTURER WITH VACUUM RECOVERY CONNECTION
SHALL BE UTILIZED FOR REMOVALS. MANUFACTURER REQUIREMENTS FOR OPERATION
& MAINTENANCE OF ALL SYSTEM COMPONENTS, SHALL BE FOLLOWED.

CJA
10/22/09

PO Box 561 - Buffalo, NY 14 213

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.



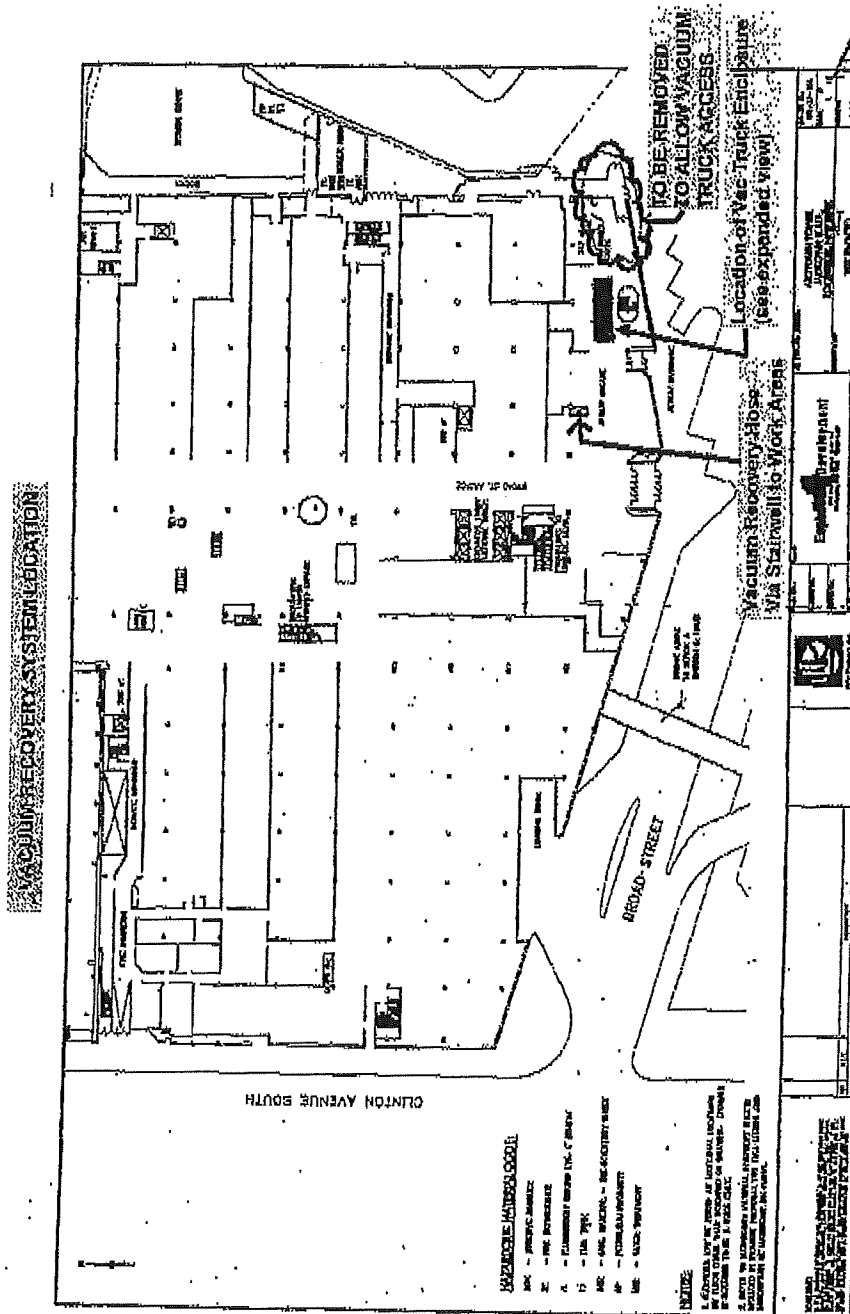
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OCT 22 2009

New York State Dept. of Labor
Engineering Services Unit

pg 2 of 21

173 #21



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@lro.com
Subject: Response

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OCT 22 2009

Mr. Alonge,

Additions to submitted letter and responses to your questions:

New York State Dept. of Labor
Engineering Services Unit

10/21/09

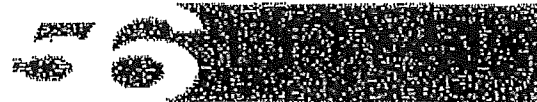
1. Waste Water Control – Any residual water that does not make it into the unit head and sent via hose directly to vacuum truck will be squeegeed and HEPA vacuumed immediately.
2. Enclosure – Unit will be in use for extended period of time – it will be hard walled as per Code Rule 56.
3. Fencing – Unit 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.

10/21/09

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 ~~WASTE~~ WASTEWATER IMMEDIATELY
UPON GENERATION.

10/21/09

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



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>>

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OCT 22 2009

New York State Dept. of Labor
Engineering Services Unit

10/5/21



Model No. 36-9950-15A

Lightweight Ultra-High Pressure SPIN JET®



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OCT 23 2009

New York State Dept. of Labor
Engineering Services Unit

pg 6 of 24



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 1.1 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.

Specifications subject to change without notice

The NLB Model 36-9950-15A lightweight SPINJET® combines the awesome cleaning power of ultra-high pressure water with the proven technology of our rotating 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 lightweight 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.

THE LEADER IN HIGH-PRESSURE WATER JET TECHNOLOGY



**The Leader in High-Pressure
Water Jet Technology**

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

Regional Offices

■ 159 Harmony Road, Mickleton, NJ 08056 (856) 423-2211 FAX: (856) 423-0997	■ 14302 Highway 44 N., Gonzales, LA 70737 (225) 622-1666 FAX: (225) 622-7368
■ 11508 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.

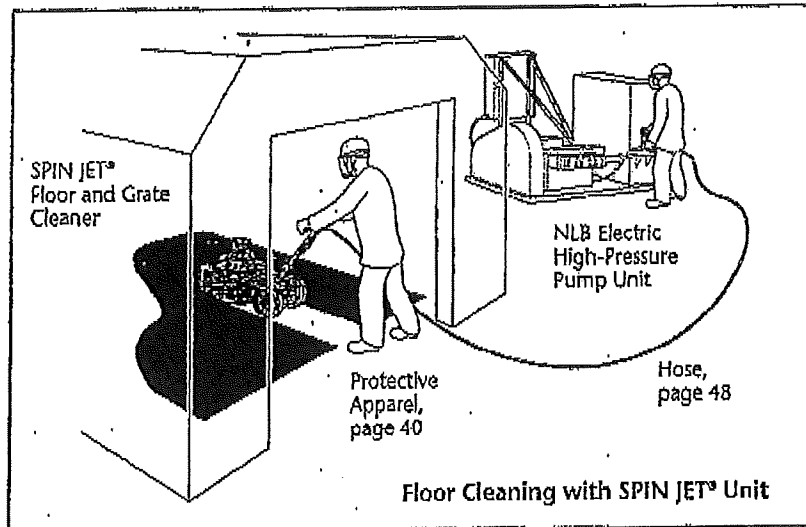
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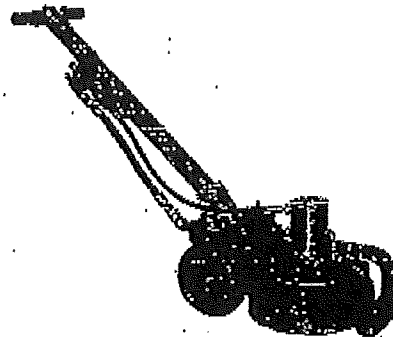
Ag 7 of 21

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36-9900-15A

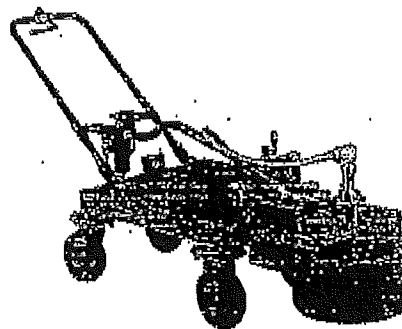
- Integral seal and air motor eliminates belt or chain drive.
- Lightweight aluminum construction.
- Balanced design for easy maneuverability.
- Adjustable handle for operator comfort.



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"	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"	Up to 16



Image 1 – Equipment Detail – Floor Tool Head

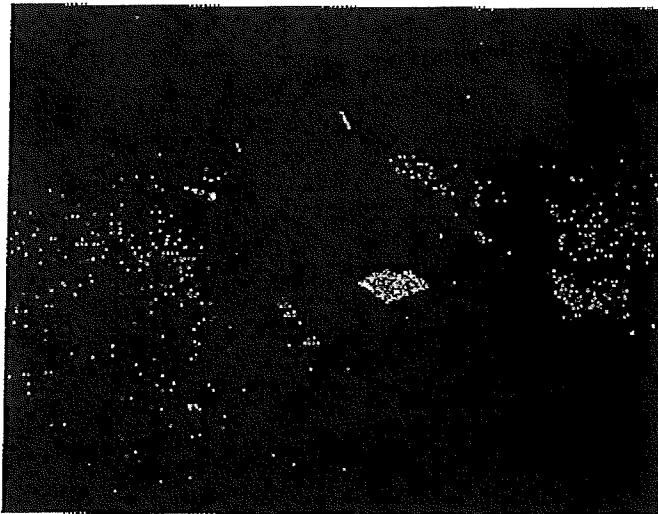


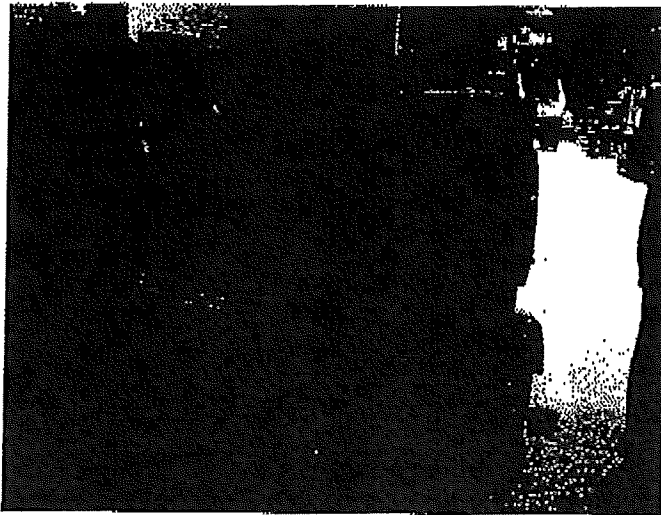
Image 2 – Equipment Detail – Floor Tool Head

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Engineering Services Unit

By 8-21



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Engineering Services Unit

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



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

Robert Barr - NYS Project Designer #93-19183

● Page 5

[illegible][illegible]
$$\begin{aligned} & \mathbb{E}[\mathbf{y}^T \mathbf{y}] = \mathbf{y}^T \mathbf{y} \\ & \mathbb{E}[\mathbf{y}^T \mathbf{y}] = \mathbf{y}^T \mathbf{y} \\ & \mathbb{E}[\mathbf{y}^T \mathbf{y}] = \mathbf{y}^T \mathbf{y} \\ & \mathbb{E}[\mathbf{y}^T \mathbf{y}] = \mathbf{y}^T \mathbf{y} \end{aligned}$$

2013

pg 10 of 21

A large, dense, black and white image showing a complex, textured surface, possibly a microscopic view or a highly detailed architectural structure. The image is characterized by a high level of detail and contrast, with many small, dark, irregular shapes and patterns. The overall appearance is that of a highly textured, possibly organic or mineral, surface. The image is framed by a thick black border.

[illegible][illegible]
$$\begin{aligned} & \varphi_{\alpha}(\mathbf{z}) = \frac{1}{\sqrt{2\pi}} \exp\left(-\frac{1}{2} \mathbf{z}^T \mathbf{z}\right) \\ & = \frac{1}{\sqrt{2\pi}} \exp\left(-\frac{1}{2} \sum_{i=1}^n z_i^2\right) \\ & = \frac{1}{\sqrt{2\pi}} \exp\left(-\frac{1}{2} \sum_{i=1}^n z_i^2\right) \\ & = \frac{1}{\sqrt{2\pi}} \exp\left(-\frac{1}{2} \sum_{i=1}^n z_i^2\right) \\ & = \frac{1}{\sqrt{2\pi}} \exp\left(-\frac{1}{2} \sum_{i=1}^n z_i^2\right) \\ & = \frac{1}{\sqrt{2\pi}} \exp\left(-\frac{1}{2} \sum_{i=1}^n z_i^2\right) \end{aligned}$$

- Heavy duty aluminum cabinet
- Modular control panel and service
- Sealed control box
- HEPA filter is locked in
- Four heavy duty swing casters 2 w/locks
- Padded carrying handles

- Lightweight durable rust resistant
- Control panel unplugs for easy removal
- Eliminates leakage around gaskets
- Assures a positive seal around HEPA filter
- Provides easy mobility
- Provides easy portability

Dimensions: 37 1/2" x 26 1/2" x 32 1/2"
Weight: 140 lbs
Air Flow: 1375 (high speed)
1000 (low speed)
Features: 1/2" H₂O - 2 Speed - high efficient
Power Supply: 115V, 60HZ, 15 Amps
Body: D30 Aluminum
Filters: Primary: 24" x 24" - 2 ply wad
Secondary: 24" x 24" - 3 ply wad panel
HEPA Filter: 24" x 24" x 1 1/4"
1989-97-61

GENERAL DATA

SPIN JET® MODEL AND SERIAL NUMBER INFORMATION

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

APPROVED

000000 22 2009

New York State Dept. of Labor
Engineering Services Unit

pg 11 of 21

1-7

© Copyright 1996 NLB Corporation

DESCRIPTION

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

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

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

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

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

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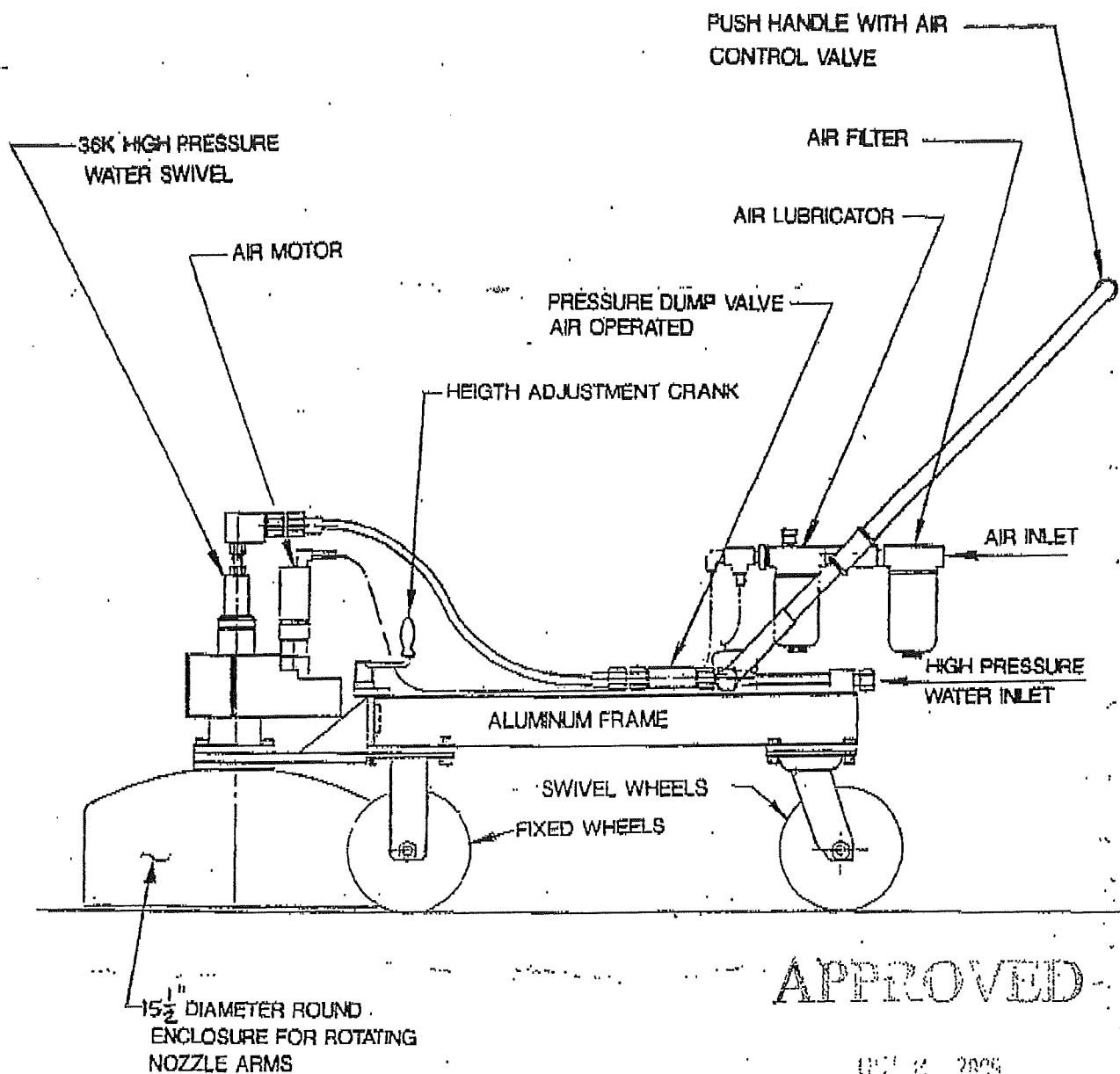
MAY 13 2009

New York State Dept. of Labor
Engineering Services Unit

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New York State Dept. of Labor
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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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100-2-7229

New York City District Office
Engineering Division

10/14/21

MODEL AND SERIAL NUMBER

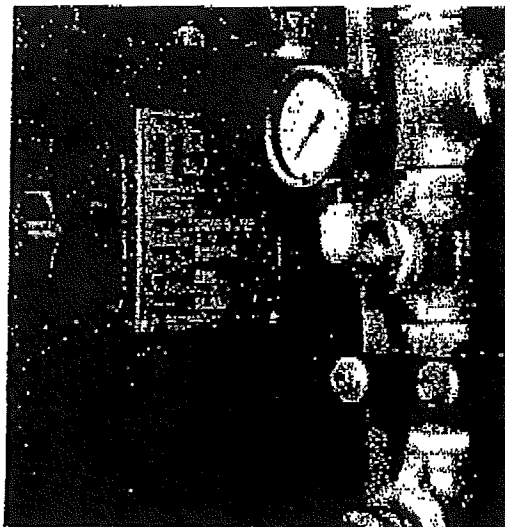
THE MODEL AND SERIAL NUMBERS ARE THE IDENTIFICATION OF THE MAJOR COMPONENTS. NLB CONTINUOUSLY STRIVES TO IMPROVE EQUIPMENT AS NEW DEVELOPMENTS OCCUR. WITH THE MODEL AND SERIAL NUMBER INFORMATION, THE EXACT CONFIGURATION OF YOUR UNIT CAN BE DETERMINED. A STAMPED PLATE IS PERMANENTLY RIVETED TO THE HIGH 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.

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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 REQUIRED THAN FOR AN ENGINE-MOUNTED GEAR.
- B. CAN BE MOUNTED ON THE OPPOSITE 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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UNIT 2: 2003

New York State Dept. of Labor

10/27/2009 09:17 518-457-1301

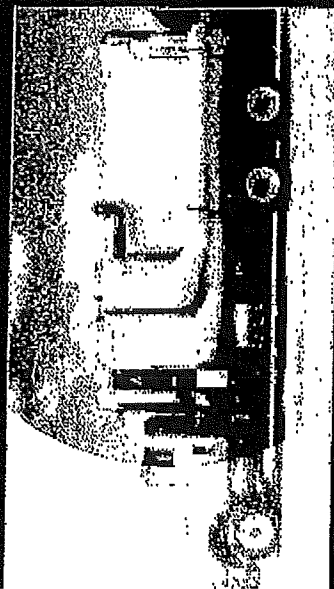
OPTIONAL GEAR-PAC RATIO: 7.16:1

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New York Times, 12/1/68, p. 1
 "The Great Wall of China"

19 of 27



PERRY, PETER. 1993. The
 evolution of the Atlantic shelffish
 community: the significance
 of environmental change and
 productivity within the Atlantic
 polychaete community. *Oceanologica
 Acta* 14: 1-11.

BUZZLE: ACF VOCAL LINES

[illegible]

Superior Dredging the World Leader in Hygiene Solutions

[illegible]

21

Mixed fait des ingrédients de la cuisine traditionnelle et moderne. Les plats sont servis à volonté.

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Engineering Services Unit

21.21

Continuing

For more information, call 1-800-451-1234.



•

de-mounted sphere
An ornamental sculpture, occasionally
in the form of a globe, that has been
removed from its original mounting.



MAJESTY

[Insert Figure 7c]



Wednesday

the subject is considered, although he may feel that he is not doing good work. The only way to deal with an employee who is not doing good work is to let him know that he is not doing good work. The only way to let him know that he is not doing good work is to let him know that he is not doing good work.



q p d o g g = p m j u s c p e . u j

for the purpose of the proposed rule, the proposed rule would require the use of the same information as the information used in the proposed rule for the purpose of the proposed rule.



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 Schneiderhoff

Office: Engineering Services

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

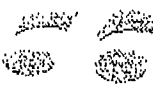
Phone No: 518-457-1536

Fax No: 518-457-1301

COMMENTS:

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

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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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OCT 22 2009

New York State Dept. of Labor
Engineering Services Unit

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

pg 1 of 21

Dear Mr. Alonge,

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

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

AS PER
ICR 56
CJA
10/22/09

PLYWOOD
SHEATHING
CJA
10/22/09

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

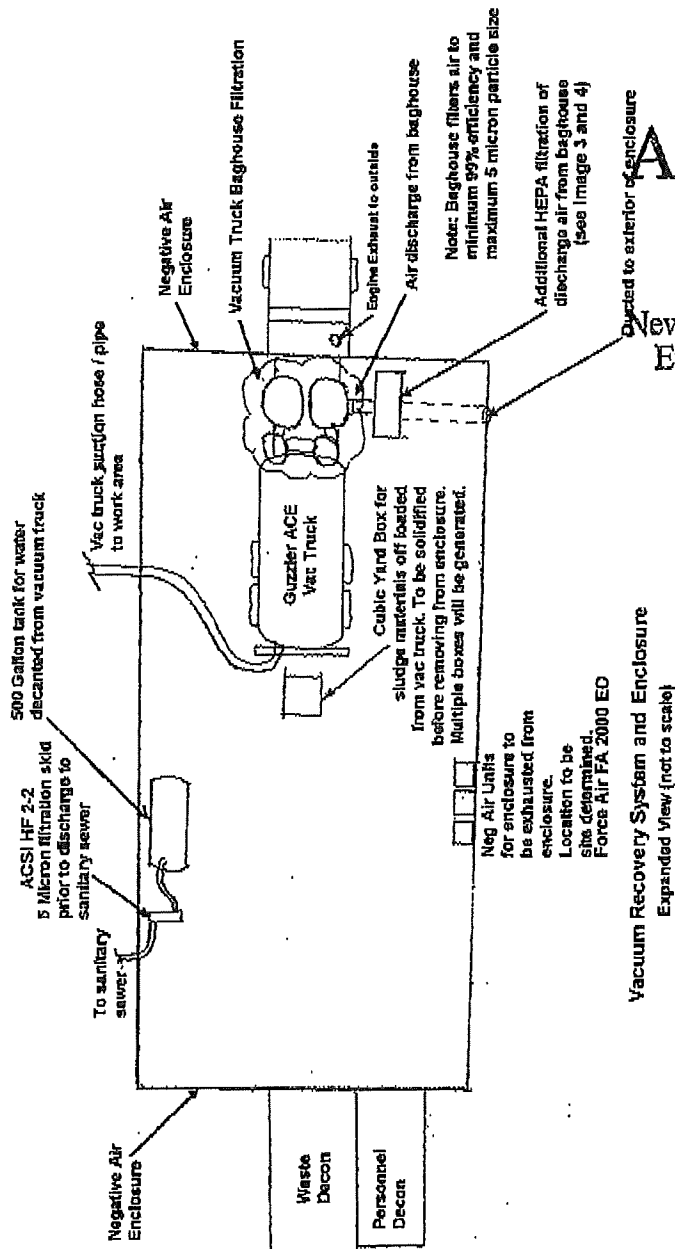
* ONLY UNITS EQUIPPED BY MANUFACTURER WITH VACUUM RECOVERY CONNECTION
SHALL BE UTILIZED FOR REMOVALS. MANUFACTURER REQUIREMENTS FOR OPERATION
& MAINTENANCE OF ALL SYSTEM COMPONENTS, SHALL BE FOLLOWED.

CJA
10/22/09

PO Box 561 – Buffalo, NY 14 213

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

pg 2 of 21

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@lro.com
Subject: Response

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Mr. Alonge,

Additions to submitted letter and responses to your questions:

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Engineering Services Unit

8/4/21

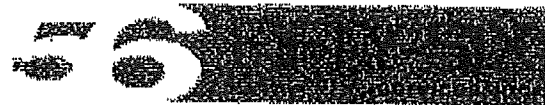
1. Waste Water Control – Any residual water that does not make it into the unit head and sent via hose directly to vacuum truck will be squeezed and HEPA vacuumed immediately.
2. Enclosure – Unit will be in use for extended period of time – it will be hard walled as per Code Rule 56.
3. Fencing – Unit 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.

Ox
10/24/09

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 RESIDUAL WASTEWATER IMMEDIATELY
 UPON GENERATION.

Ox
10/24/09

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



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 current 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>>

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15.5/21



Model No. 36-9950-15A

Lightweight Ultra-High Pressure SPIN JET®

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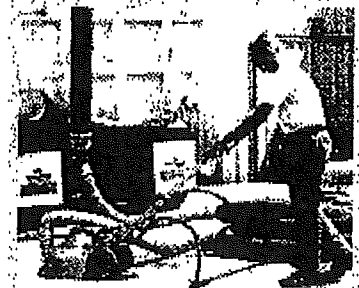
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New York State Dept. of Labor
Engineering Services Unit

12/6/21



The NLB Model 36-9950-15A lightweight SPINJET® combines the awesome cleaning power of ultra-high pressure water with the proven technology of our rotating 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 lightweight 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.



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.

Specifications subject to change without notice

THE LEADER IN HIGH-PRESSURE WATER JET TECHNOLOGY



**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

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

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

■ 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.

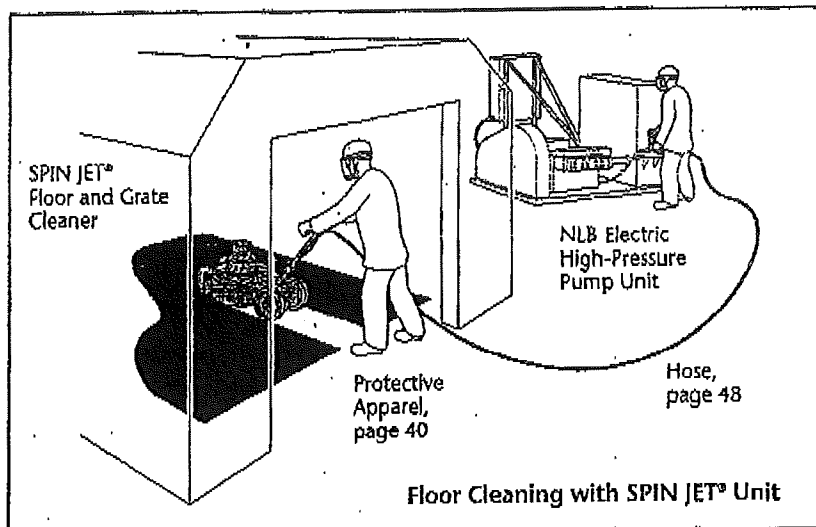
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As of 2/21

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36-9900-15A

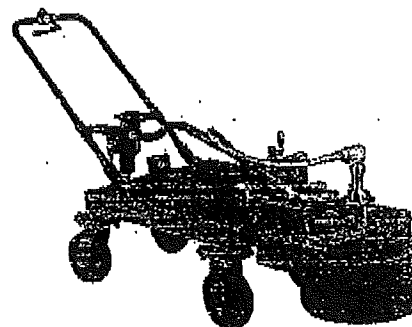
- Integral seal and air motor eliminates belt or chain drive.
- Lightweight aluminum construction.
- Balanced design for easy maneuverability.
- Adjustable handle for operator comfort.



Seal Part No.	Discharge Pressure (Max.)	Max. Flow	Rotation Speed	Air	Weight	Width	Nozzles
DS12481	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

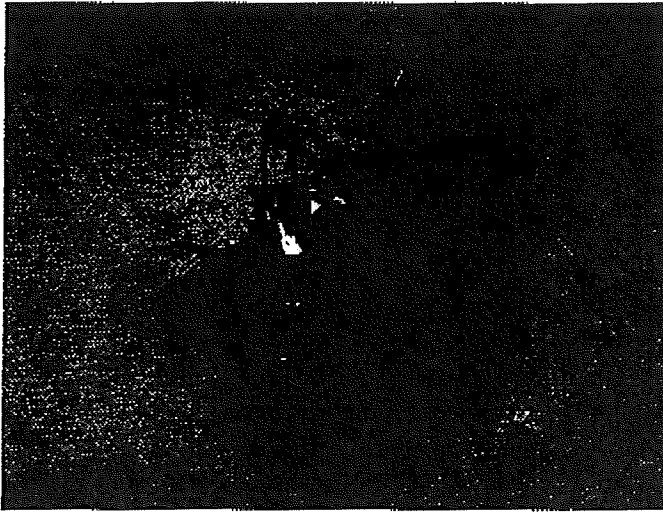


Image 1 – Equipment Detail – Floor Tool Head

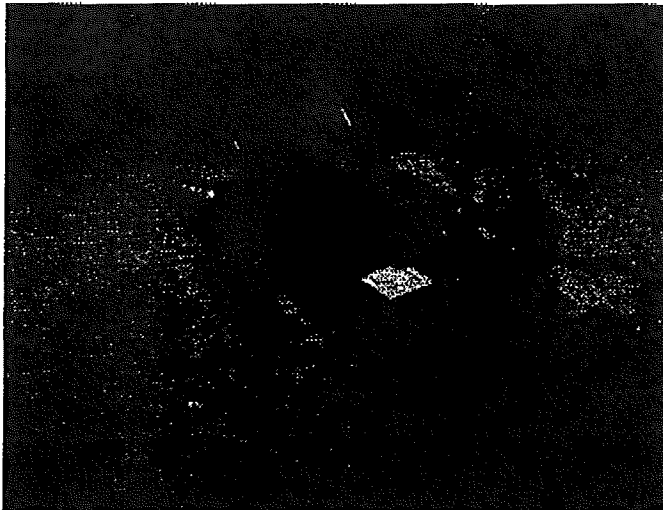


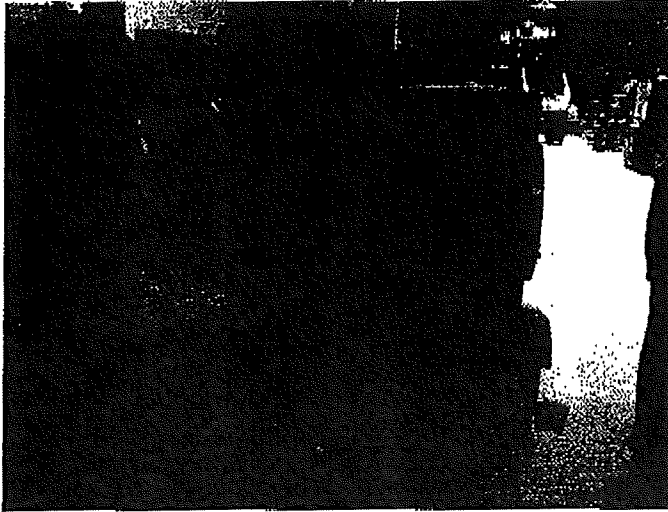
Image 2 – Equipment Detail – Floor Tool Head

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By 8-21



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

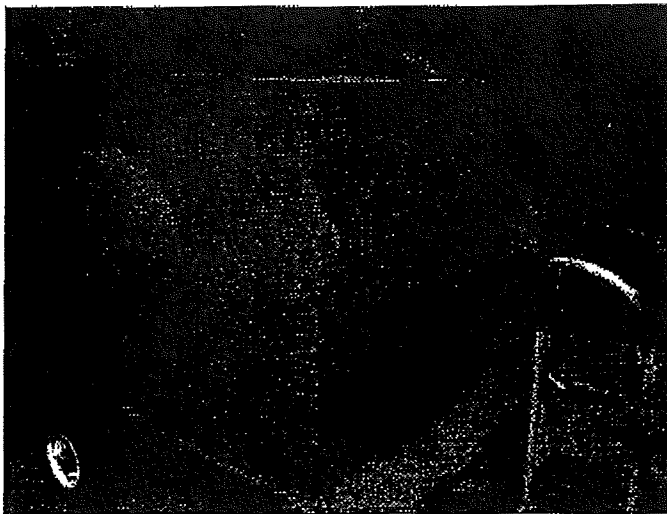


Image 4 – Equipment Detail - HEPA Filter Enclosure for Blower Exhaust

Robert Barr - NYS Project Designer #93-19183

● Page 5

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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DESCRIPTION

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

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

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

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

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

APPROVED

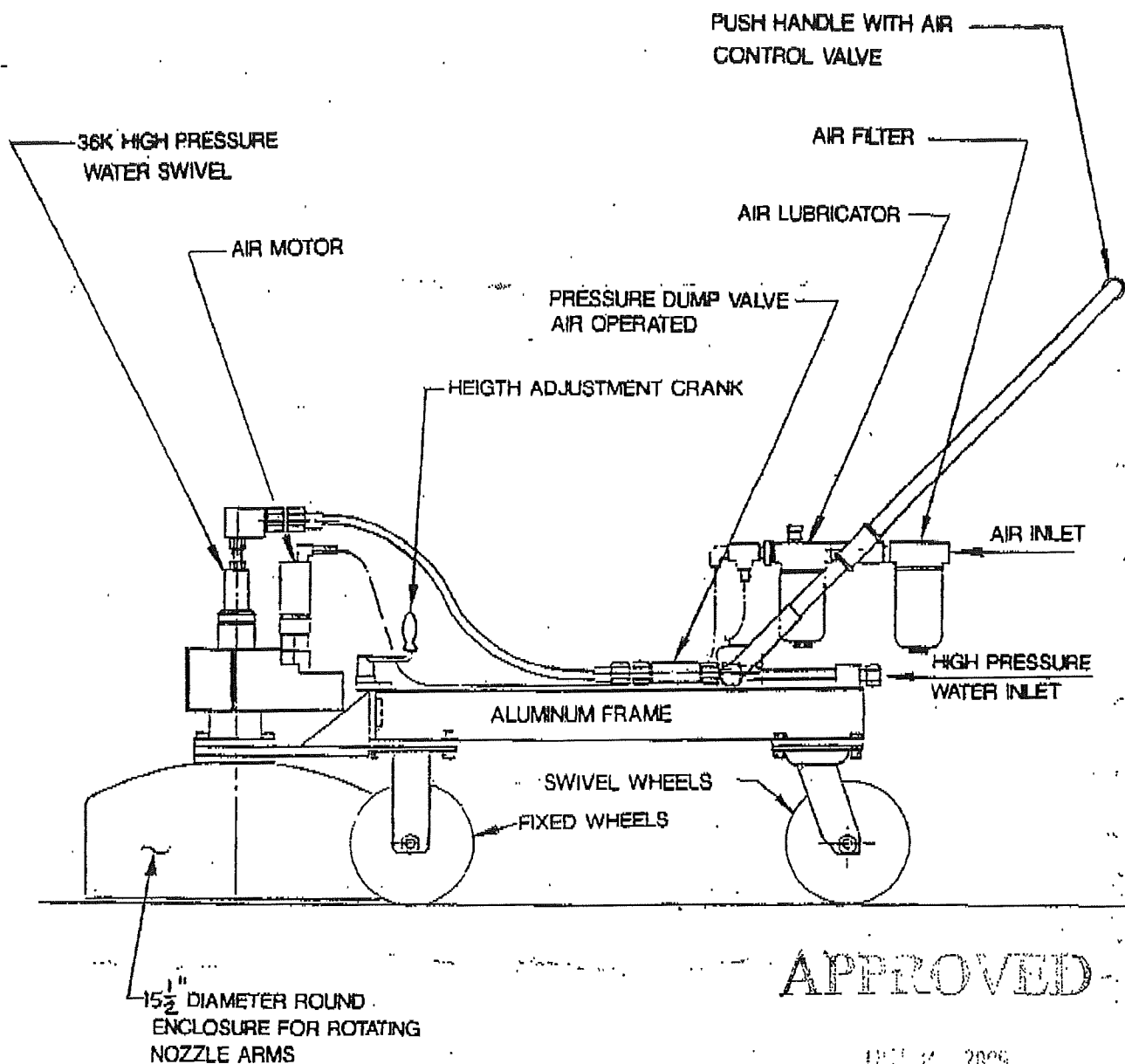
01/18/2009

New York State Dept. of Labor
Engineering Services Unit

12/21

1-2

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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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10-2-2009

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Engineering Division

14/2/21

MODEL AND SERIAL NUMBER

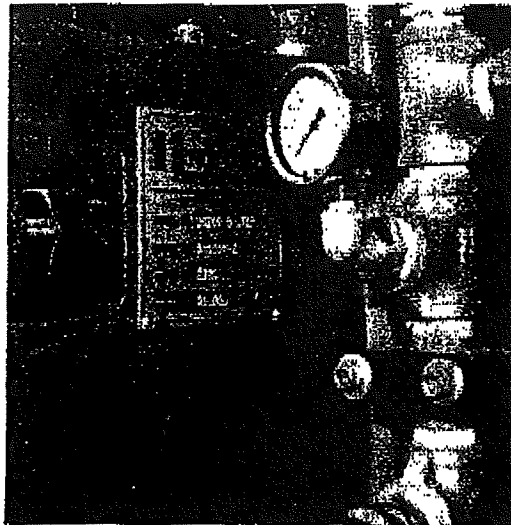
THE MODEL AND SERIAL NUMBERS ARE THE IDENTIFICATION OF THE MAJOR COMPONENTS. NLB CONTINUOUSLY STRIVES TO IMPROVE EQUIPMENT AS NEW DEVELOPMENTS OCCUR. WITH THE MODEL AND SERIAL NUMBER INFORMATION, THE EXACT CONFIGURATION OF YOUR UNIT CAN BE DETERMINED. A STAMPED PLATE IS PERMANENTLY RIVETED TO THE HIGH 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.

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MODEL AND SERIAL NUMBER ON PUMP

FEATURES OF THE PUMP

THE NLB MODEL 38201 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 REQUIRED THAN FOR AN ENGINE-MOUNTED GEAR.
- B. CAN BE MOUNTED ON THE OPPOSITE 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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SEP 2 1993

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py/17d21

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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1-4

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NEW YORK STATE DEPT. OF LABOR

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

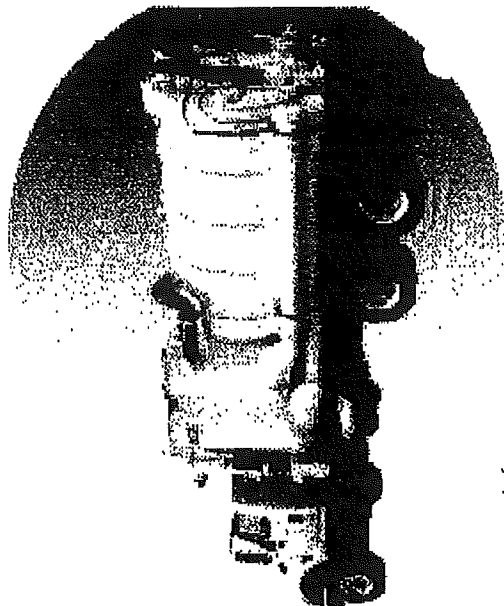
OPTIONAL GEAR-PAC RATIO: 7.16:1

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OCT 2 - 2009

New York State Dept. of Labor
Engineering Division

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Daily Logs & Air Data

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ D. Park

Date: 9/2/09

Job Ticket #: 31276

Building / Location: Midtown Tower

Work Area: 9th floor

Shift ☒ A ☐ B ☐ C

Project Description

Empire state Development

Mark S.

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

Cambria

mark

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

99

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☒

Phase IIA ☐

Phase IIB ☐

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☐

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

Spray on, ET/ftm, fire doors, wpm,

mws, wisp, windows

Sq/ft

Ln/ft

Project with multiple removals ☒

Type of Material

1st Check 0600

2nd Check 0630

3rd Check 0700

4th Check 0730

5th Check

Time of air sampling pump check

Notes

Pre and pumps to work

Set up pumps inside/outside area beginning @ 0525

checked all pumps after to ensure operation - all OK

Turned off pumps to sync with set up times (150 mins) / Broke down pumps

Submitted all samples to lab.

Demo debris scattered around area. Area very dusty

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

REV 3.0 4.12.2006



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

10848-09

09/10/09

Job Ticket #

31276

Client

Empire State Development

Building/Location

Midtown Tower

Work Area

9th floor

Contractor

Cambric

Contractor Contact

Bill

Rotometer #

99

Cassette Lot #

Project

Phase

Phase IB ☒

Phase IIA ☐

Phase IIB ☐

Phase IIC ☐

Phase IIC ☐

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

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

Field Sample #	1	2	3	4	5	6	7	8	9	10	11	12
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	0525	0526	0526	0526	0527	0528	0528	0529	0529	0530		
End Time Military Time	0755	0756	0756	0756	0757	0758	0758	0759	0759	0800		
Duration (Minutes)	150											
Sample Volume (Liters)	600											

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	088	089	090	091	092	093	094	095	096	097	098	099
Fibers/100 Fields:	3.5	1	3	18.5	4.5	2.5	11	23.5	10	14.5	0	0.5
Fibers/cc:	2.01	2.01	2.01	.015	2.01	2.01	2.01	.019	.013	.011	N/A	N/A

Samples Relinquished By:

D. Park

Date:

9/9/09

Received in Lab By:

B

Date:

9-9-09

Analyzed By:

SM

Date:

9-10-09

Microscope Make, Model & #:

221113

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

Verbois to Dave: SM 9-10-09 2:21 PM

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒Air Technician: ☒

Date:

9/9/09

Job Ticket #:

31276

Shift

☒ A

B

C

Building / Location:

Midtown Tower

Work Area:

10th floor

Project Description

Empire State Development

Client / Owner Representative (Print Name)

Client Contact (Print Name)

Mark Smith

Client / Owner (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Abatement Contractor (Print Name)

Cambria

MMK

Yes ☒ No ☐

Rotometer Number

Date of Last Calibration

99

Map Completed

Phase IB ☒Phase IIA ☐Phase IIB ☐Phase IIC ☐Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

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

Job Type

Spray on, fTM, fire doors, wpm

mastic, msp, windows

Sq/ft

Ln/ft

Project with multiple removals ☒

Type of Material

1st Check

0540

2nd Check

0600

3rd Check

0640

4th Check

0710

5th Check

Time of air sampling pump check

Notes

Pre cal set up pumps @ 4 LPM beginning @ 0511
 checked pumps after to insure operation - all ok
 Turned off all pumps to sync with set up times (150 mins)
 Broke down / put out pumps
 Submitted all samples to L&S

Clear 5'3" outside

Area has been decontaminated doesn't not yet cleaned up. Area very
 dusty.

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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #
10847-09

09/10/09
Job Ticket #
31276

10847-09
Client: Empire State Development
Building/Location: Midtown Tower
Work Area: 10th floor
Contractor: Cumbria
Contractor Contact: Bill
Rotometer #: 99
Cassette Lot #:

Client Contact: Mark Smith
Client Contact Phone: 315 7294
Air Technician: D. Park
Air Technician Phone: 315 7294
Fax Results To:
Fax #:
Materials to be Removed:

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

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

Field Sample #	J-1	J-2	J-3	J-4	J-5	J-6	J-7	J-8	J-9	J-10	J-11	J-12
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	0511	0511	0511	0512	0512	0514	0515	0515	0515	0516		
End Time Military Time	0741	0741	0741	0742	0742	0744	0745	0745	0745	0746		
Duration (Minutes)	150											
Sample Volume (Liters)	600											

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	77	076	077	078	079	080	081	082	083	084	085	086	087
Fibers/100 Fields:	9	1	3	0	2	4.5	14	1	20	15	0	0	
Fibers/cc:	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01		

Samples Relinquished By: D. Park	Date: 9/9/09
Received in Lab By: [Signature]	Date: 9-9-09
Analyzed By: [Signature]	Date: 9-10-09
Microscope Make, Model & #: 221113	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments:

Verbal to Dave. SRI 9-10-09 2:21pm

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐ Air Technician: ☒ D. Park Date: 11/11/07 Job Ticket #: 36340

Building / Location: Midtown Tower Work Area: 9th and 10th floor Shift: A B C

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

Abatement Contractor (Print Name): Cambrin Abatement Supervisor (Print Name): Mark D. NYSDOL Asbestos Handling Certificate Number: 51

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

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

Job Type: Spray m, ft/pm, mps, msp Type of Material: w/ m, fire doors, windows Sq/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 @ 0655 / cal all pumps to 30KPa
Set up pumps beginning @ 0710
checked all pumps throughout day to insure operation - all good
Broke down pumps @ 1710 to sync with set up times
Submitted all samples to INS

Air Technician Signature: [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.

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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

14402-09

Job Ticket #

36340

Empire State Development Corporation

Client

Midtown Tower

9th and 10th floor

Building/Location

Work Area

Cambria

Bill

Contractor

Contractor Contact

SI

Rotometer #

Cassette Lot #

Client Contact

Client Contact Phone

D. Park

317 7294

Air Technician

Air Technician Phone

Fax Results To:

Fax #

See Mr. Cos

Materials to be Removed

Project

Phase

Phase IB ☐

Backgrounds

Phase IIA ☒

Work Area Preparation

Phase IIB ☐

Asbestos Handling

Phase IIC ☐

Final Cleaning

Phase IIC ☐

Clearance Airs

* Env. ☐

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

Field Sample #	0-6	0-7	0-8	0-9	0-10	0-1	0-2				
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							
Start Time Military Time	0711	0712	0714	0715	0710						
End Time Military Time	1711	1712	1714	1715	1710						
Duration (Minutes)	600										
Sample Volume (Liters)	1800										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	99	834	835	836	837	838	839	840				
Fibers/100 Fields:	14	17	11	16	9	0	0					
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01							

Samples Relinquished By:

D. Park

Date:

11/11/09

Received in Lab By:

[Signature]

Date:

11.12.09

Analyzed By:

[Signature]

Date:

11.18.09

Microscope Make, Model & #:

221123

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
 Air Technician: ☒ D. Park

Date: 11/12/07

Job Ticket #: 36342

Building / Location: Midtown Tower

Work Area: 9th and 10th floor

Shift A B C

Project Description

ESOC

Mark Smith

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

Abatement Contractor (Print Name)
Cunbrix

Abatement Supervisor (Print Name)
Mark D.

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

51

Map Completed

Rotometer Number

Date of Last Calibration

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

Job Type Spray on, AT/ATM, MMS, MSP

w/PM, fire doors, windows

Sq/ft

Ln/ft

Project with multiple removals ☒

Type of Material

1st Check

2nd Check

3rd Check

4th Check

5th Check

Time of air sampling pump check

Notes

On Site @ 0650 / cal all pumps to 30pm

Set up pumps beginning @ 0700

Checked pumps often to insure operation - all good

Broke down pumps @ 1700 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.



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

14464-09

Job Ticket #

09/1078
36342

Empire State Development Corporation

Client

Midtown Tower

Building/Location

Cambridge

Contractor

SI

Rotometer #

Work Area

Bill

Contractor Contact

Cassette Lot #

Client Contact

Mark Smith
D. Park

Client Contact Phone

317 7294

Air Technician

Air Technician Phone

Fax Results To:

800 Air Log

Fax #

Materials to be Removed

Project

Phase

Phase IB ☐

Backgrounds

Phase IIA ☐

Work Area Preparation

Phase IIB ☒

Asbestos Handling

Phase IIC ☐

Final Cleaning

Phase IIC ☐

Clearance Airs

Env. ☐

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

Field Sample #	0-6	0-7A	0-7B	0-7C	0-7D	0-8	0-9	0-10	0-11	0-12	0-13	0-14
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Average Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Start Time Military Time	0709	0713	0714	0716	0717	0710	0711	0708	0719	0720	0721	0721
End Time Military Time	1709	1713	1714	1716	1717	1710	1711	1708	1719	1720	1721	1721
Duration (Minutes)	600											→
Sample Volume (Liters)	1800											→

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	100	203	204	205	206	207	208	209	210	211	212	213	214
Fibers/100 Fields:	210	5	61	305	2.5	31	31	6	4.5	7	3	4	
Fibers/cc:	2.01	2.01	0.016	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01

Samples Relinquished By:	D. Park	Date:	11/12/09
Received in Lab By:	SM	Date:	11/13/09
Analyzed By:	SM	Date:	11/14/09
Microscope Make, Model & #:	221113	Turn-around Time	Immed. 24 Hr. 48 Hr.

Comments:

Left voicemail for Dave. SM 11/14/09 4:58PM

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

14464-09

Job Ticket #

04/1078
36342

Empire State Development Corporation

Client

Midtown Tower

Building/Location

Cambria

Contractor

SI

Rotometer #

9th and 10th floor

Work Area

Bill

Contractor Contact

Cassette Lot #

Client Contact

Mark Smith

Air Technician

Client Contact Phone

317 7294

Air Technician Phone

Fax Results To:

See Air Log

Fax #

Materials to be Removed

Project

Phase

Phase IB ☐

Backgrounds

Phase IIA ☐

Work Area Preparation

Phase IIB ☒

Asbestos Handling

Phase IIC ☐

Final Cleaning

Phase IIC ☐

Clearance Airs

Env. ☐

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

Field Sample #	0-15	0-16	0-17	0-18	B-1	B-2						
Pre-Calibrated Flow Rate	3	3	3	3								
Post-Calibrated Flow Rate	3	3	3	3								
Average Flow Rate	3	3	3	3								
Start Time Military Time	0722	0722	0723	0723								
End Time Military Time	1722	1722	1723	1723								
Duration (Minutes)	600											
Sample Volume (Liters)	1800											

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	215	216	217	218	219	220						
Fibers/100 Fields:	3.5	3	2	2	0	0						
Fibers/cc:	2.01	2.01	2.01	2.01								

Samples Relinquished By:

D. Park

Date:

11/12/09

Received in Lab By:

SI

Date:

11-13-09

Analyzed By:

SI

Date:

11-14-09

Microscope Make, Model & #:

22113

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐

Air Technician: ☒

D. Park

Date: 11/13/09

Job Ticket #: 30344

Building / Location: Midtown Tower

Work Area: 9th and 10th floor

Shift ☒ A ☐ B ☐ C

Project Description

ESDC

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

Cumbrin

Mark D.

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSOL Asbestos Handling Certificate Number

Yes ☒ No ☐

51

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☐

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

Spring on, 4th floor, msp

Wm, fine doors, windows

Sq/ft

Ln/ft

Project with multiple removals ☒

Type of Material

1st Check 0800

2nd Check 0900

3rd Check 1000

4th Check 1100

5th Check 1300

Time of air sampling pump check

Notes

On site @ 0650 / cal all pumps to run

set up samples beginning @ 0700

checked all pumps throughout day to insure operation - all good

Broke down pumps beginning @ 1400

Submitted samples to L&S

D. Park

Air Technician Signature

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



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Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

14649-09

Job Ticket #

09/10/08
36344

Empire State Development Corporation

Client

Midtown Tower

Building/Location

Cantabria

Contractor

SI

Rotometer #

Work Area

9th and 10th floor

Work Area

B-11

Contractor Contact

Cassette Lot #

Mark Smith

Client Contact

D. Park

Air Technician

Client Contact Phone

317 7294

Air Technician Phone

Fax Results To:

See Air Log

Fax #

Materials to be Removed

Project

Phase

Phase IB ☐

Backgrounds

Phase IIA ☐

Work Area Preparation

Phase IIB ☒

Asbestos Handling

Phase IIC ☐

Final Cleaning

Phase IIC ☐

Clearance Airs

Env. ☐

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

Field Sample #	0-6	0-7A	0-7B	0-8	0-9	0-10	0-11	0-12	0-13	0-14	0-15	0-16
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Average Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Start Time Military Time	0710	0715	0716	0712	0713	0711	0717	0717	0718	0718	0719	0719
End Time Military Time	1400	1405	1406	1402	1403	1401	1407	1407	1408	1408	1409	1409
Duration (Minutes)	420											
Sample Volume (Liters)	1260											

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	101	581	582	583	584	585	586	587	588	589	590	591	592
Fibers/100 Fields:	4	7	5	3	4.5	2	1	3	0	0	1.5	0	
Fibers/cc:	<0.01	<0.01	<0.01	<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:	11/13/09
Received in Lab By:	MET 11/19/09	Date:	11-17-09
Analyzed By:	MET	Date:	11/19/09
Microscope Make, Model & #:	183674	Turn-around Time	Immed. 24 Hr. 48 Hr.

Comments:



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Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #	14649-09
Job Ticket #	09/1078/11/11 36344

Empire State Development Corporation

Client	Middleton Tower	Work Area	9 th and 10 th Floor
Building/Location	Camden	Contractor Contact	Bill
Contractor	SI		
Rotometer #		Cassette Lot #	

Client Contact	Mark Smith	Client Contact Phone	
Air Technician	D. Park	Air Technician Phone	317 7244
Fax Results To:	See Air Log	Fax #	
Materials to be Removed			

Project Phase	Phase IB <input type="checkbox"/>	Phase IIA <input type="checkbox"/>	Phase IIB <input checked="" type="checkbox"/>	Phase IIC <input type="checkbox"/>	Phase IIC <input type="checkbox"/>	Env. <input type="checkbox"/>
	Backgrounds	Work Area Preparation	Asbestos Handling	Final Cleaning	Clearance Airs	

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

Field Sample #	0-17	0-18	15-1	15-2								
Pre-Calibrated Flow Rate	3	3										
Post-Calibrated Flow Rate	3	3										
Average Flow Rate	3	3										
Start Time Military Time	0720	0720										
End Time Military Time	1410	1410										
Duration (Minutes)	420	420										
Sample Volume (Liters)	1200	1200										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	593	594	595	596								
Fibers/100 Fields:	0	1	0	0								
Fibers/cc:	<0.01	<0.01										

Samples Relinquished By:	D. Park	Date:	11/13/07
Received in Lab By:	B	Date:	11/17/09
Analyzed By:	NET	Date:	11/19/09
Microscope Make, Model & #:	183674	Turn-around Time	Immed. 24 Hr. 48 Hr.

Comments:

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐ ☒ D. Park

Date: 11/16/05

Job Ticket #: 36846

Building / Location: Midtown Tower

Work Area: 9th and 10th floor

Shift ☒ A ☐ B ☐ C

Project Description

ESDC

mark Smith

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

Cumbric

mark D.

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

SI

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☐

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

Spring on, RT/RTM, MMS, MJP

WPM, fire doors, windows

Sq/ft

Ln/ft

Project with multiple removals ☒

Type of Material

1st Check 0800

2nd Check 1000

3rd Check 1200

4th Check 1400

5th Check 1600

Time of air sampling pump check

Notes

on site @ 0650/ cal all pumps to alpha
set up pumps beginning @ 0708
checked all samples throughout day to insure operation - all good
broke down samples @ 1700 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.



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Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

14647-09

091078

Job Ticket #

36346

Empire State Development Corporation

Client

Midtown Tower 9th and 10th floor

Building/Location

Work Area

Cambria

Bill

Contractor

Contractor Contact

51

Rotometer #

Cassette Lot #

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 ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

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

Field Sample #	0-6	0-7A	0-7B	0-8	0-9	0-10	0-11	0-12	0-13	0-14	0-15	0-16
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Average Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Start Time Military Time	0708	0712	0713	0710	0711	0709	0715	0716	0717	0717	0718	0718
End Time Military Time	1708	1702	1713	1710	1711	1709	1715	1716	1717	1717	1718	1718
Duration (Minutes)	600	→										→
Sample Volume (Liters)	1800	→										→

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	141	553	554	555	556	557	558	559	560	561	562	563	564
Fibers/100 Fields:	16.5	11	26	8	12	3.5	8.5	3.5	3	1.5	8	4	
Fibers/cc:	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01

Samples Relinquished By:

D. Park

Date:

11/16/09

Received in Lab By:

SB

Date:

11/17/09

Analyzed By:

SB

Date:

11-18-09

Microscope Make, Model & #:

221113

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:



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ENVIRONMENTAL SERVICES, INC.

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Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

1464709

09/10/08

Job Ticket #

36346

Empire State Development Corporation

Client

Midtown Tower

9th and 10th floor

Building/Location

Work Area

Cymbria

B111

Contractor

Contractor Contact

51

Rotometer #

Cassette Lot #

Client Contact

Client Contact Phone

D. Park

317 7244

Air Technician

Air Technician Phone

Fax Results To:

Fax #

See Anal Log

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

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

Field Sample #	1-17	1-18	13-1	13-2								
Pre-Calibrated Flow Rate	3	3										
Post-Calibrated Flow Rate	3	3										
Average Flow Rate	3	3										
Start Time Military Time	0719	0719										
End Time Military Time	1719	1719										
Duration (Minutes)	600	600										
Sample Volume (Liters)	1800	1800										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	565	566	567	568								
Fibers/100 Fields:	2	3	0	0								
Fibers/cc:	2.01	2.01										

Samples Relinquished By:

D. Park

Date:

11/10/09

Received in Lab By:

SHB

Date:

11-17-09

Analyzed By:

SHB

Date:

11-18-09

Microscope Make, Model & #:

22 1113

Turn-around Time

Immed. 24 Hr.

48 Hr.

Comments:

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐ Air Technician: ☒ *D. Park* Date: *11/17/09* Job Ticket #: *36348*

Building / Location: *Milham Tower* Work Area: *9th and 10th floor* Shift: ☒ A ☐ B ☐ C

Project Description

ESDZ

Client / Owner (Print Name)

Cumbric

Client / Owner Representative (Print Name)

Mark D.

Client Contact (Print Name)

Mark Smith

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

Job Type

spray on, ft/ftm, mms, mtr

wpm, fine dust, windows Sq/ft Ln/ft Project with multiple removals ☒

Type of Material

1st Check *0830* 2nd Check *1030* 3rd Check *1200* 4th Check *1400* 5th Check *1600*

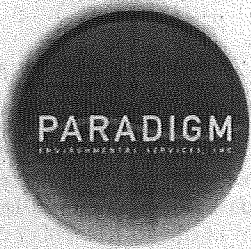
Time of air sampling pump check

Notes

*On site (about) cal all pumps to zero
Set up pumps beginning @ 0700
checked all pumps throughout day to insure operation - all good
Broke down all samples beginning @ 1700 & sync with set of times
Submitted all samples to L&S*

Air Technician Signature

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

04/1078

Job Ticket #

36348

Empire State Development Corporation

Client

Building/Location

Work Area

Contractor

Contractor Contact

Rotometer #

Cassette Lot #

Client Contact

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

* Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

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

Field Sample #	0-6	0-7A	0-7B	0-8	0-9	0-10	0-11	0-12	0-13	0-14	0-15	0-16
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Average Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Start Time Military Time	0706	0711	0712	0708	0709	0707	0714	0715	0716	0716	0717	0717
End Time Military Time	1706	1711	1712	1708	1709	1707	1714	1715	1716	1716	1717	1717
Duration (Minutes)	600											
Sample Volume (Liters)	1800											

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	041	042	043	044	045	046	047	048	049	050	051	052
Fibers/100 Fields:	1	3	5	2	2.5	0	1	0	0	2	0	2
Fibers/cc:	20.01	20.01	20.01	20.01	20.01	20.01	20.01	20.01	20.01	20.01	20.01	20.01

Samples Relinquished By:

Date:

Received in Lab By:

Date:

Analyzed By:

Date:

Microscope Make, Model & #:

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:



PARADIGM

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Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

Job Ticket #

Empire State Development Corporation

Client

Building/Location

Work Area

Contractor

Contractor Contact

Rotometer #

Cassette Lot #

Client Contact

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

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

Field Sample #	0-17	0-18	B-1	B-2								
Pre-Calibrated Flow Rate	3	3										
Post-Calibrated Flow Rate	3	3										
Average Flow Rate	3	3										
Start Time Military Time	0718	0718										
End Time Military Time	0718	1718										
Duration (Minutes)	600	→										
Sample Volume (Liters)	1000	→										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	3-23	3-24	3-25	3-26								
Fibers/100 Fields:	3	1	0	0								
Fibers/cc:	2001	2001	—	—								

Samples Relinquished By:

Date:

Received in Lab By:

Date:

Analyzed By:

Date:

Microscope Make, Model & #:

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: 11/18/04

Job Ticket #: 36350

Building / Location: Midtown Tower

Work Area: 9th and 10th floor

Shift ☒ A ☐ B ☐ C

Project Description

ESDL

Mark Samson

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

Cambridge

Mark D.

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

51

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☐

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

Spray on, et/ath, mms, mtp,

upholstery, doors, windows

Sq/ft

Ln/ft

Project with multiple removals ☒

Type of Material

1st Check

0800

2nd Check

1000

3rd Check

1200

4th Check

1400

5th Check

1600

Time of air sampling pump check

Notes

On site @ 0605 / cal all pumps to 300pm

Set up pumps beginning @ 0700

checked all pumps throughout day to insure operation - all good

Broke down samples beginning @ 1700 to sync with set up time

submitted all samples to lab

Air Technician Signature

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



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ENVIRONMENTAL SERVICES, INC.

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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #
14839-09

Job Ticket #
09/1078
36350 SM 11/19/09

Empire State Development Corporation

Client
Midtown Tower 9th and 10th floor
Building/Location
Cambridge
Contractor
51
Contractor Contact
Bill
Rotometer #
Cassette Lot #

Mark Smith
Client Contact
D. Park
Air Technician
Client Contact Phone
317 7294
Air Technician Phone
Fax Results To:
See Air Log
Fax #
Materials to be Removed

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

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

Field Sample #	0-6	0-7a	0-7b	0-8	0-9	0-10	0-11	0-12	0-13	0-14	0-15	0-16
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Average Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Start Time Military Time	0707	0712	0713	0709	0710	0708	0715	0715	0717	0717	0718	0718
End Time Military Time	1707	1712	1713	1709	1710	1708	1715	1715	1717	1717	1718	1718
Duration (Minutes)	600	→										
Sample Volume (Liters)	1800	→										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	102	0910	0917	0918	0919	100	101	102	103	104	105	106
Fibers/100 Fields:	17	18	14	10.5	5	4.5	1.5	1	4.5	5	1.5	1.5
Fibers/cc:	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01

Samples Relinquished By:	D. Park	Date:	11/18/09
Received in Lab By:	SM	Date:	11-19-09
Analyzed By:	SM	Date:	11-20-09
Microscope Make, Model & #:	221113	Turn-around Time	Immed. 24 Hr. 48 Hr.

Comments:



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

14839-09

Job Ticket #

09/1078
36350

Empire State Development Corporation

Client

Midtown Tower

Building/Location

Cumbric

Contractor

SI

Rotometer #

Work Area

9th and 10th floor

Contractor Contact

Bill

Cassette Lot #

Mark Smith

Client Contact

D. Park

Air Technician

Client Contact Phone

317 7299

Air Technician Phone

Fax Results To:

See Air Log

Fax #

Materials to be Removed

Project

Phase

Phase IB ☐

Backgrounds

Phase IIA ☐

Work Area Preparation

Phase IIB ☒

Asbestos Handling

Phase IIC ☐

Final Cleaning

Phase IIC ☐

Clearance Airs

*

Env. ☐

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

Field Sample #	0-17	0-18	1-1	1-2								
Pre-Calibrated Flow Rate	3	3										
Post-Calibrated Flow Rate	3	3										
Average Flow Rate	3	3										
Start Time Military Time	0720	0720										
End Time Military Time	1720	1720										
Duration (Minutes)	600	600										
Sample Volume (Liters)	1800	1800										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	107	108	109	110								
Fibers/100 Fields:	2.5	3	0	0								
Fibers/cc:	1.01	1.01	N/A	N/A								

Samples Relinquished By:

D. Park

Date:

11/18/09

Received in Lab By:

SM

Date:

11-19-09

Analyzed By:

SM

Date:

11-20-09

Microscope Make, Model & #:

201113

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☒ D. Park

Date: 11/19/07

Job Ticket #: 36352

Building / Location: Midtown Tower

Work Area: 9th and 10th floor

Shift (A) B C

Project Description

ESDC

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Mark Smith

Client Contact (Print Name)

Cumbrin

Abatement Contractor (Print Name)

Mark D.

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

51

Map Completed

Rotometer Number

Date of Last Calibration

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

Job Type Spray on, PT/MT/HTS, MSP

Walls, floor, doors, windows

Sq/ft

Ln/ft

Project with multiple removals ☒

Type of Material

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

Time of air sampling pump check

Notes

on site @ 0655 / cal all pumps to 3L/min

Set up pumps beginning @ 0710

checked all pumps throughout day to insure operation - all good

Broke down all samples beginning @ 1710 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.



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

09/1078

Job Ticket #

36352

Empire State Development Corporation

Client

Multon Tower 9th and 10th floor

Building/Location

Work Area

Contractor

Cummins

Contractor Contact

Bill

Rotometer #

51

Cassette Lot #

Client Contact

Mark Smith

Client Contact Phone

317 7294

Air Technician

Air Technician Phone

Fax Results To:

See Air Log

Fax #

Materials to be Removed

Project

Phase

Phase IB ☐

Backgrounds

Phase IIA ☐

Work Area Preparation

Phase IIB ☒

Asbestos Handling

Phase IIC ☐

Final Cleaning

Phase IIC ☐

Clearance Airs

* Env. ☐

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

Field Sample #	0-6	0-7A	0-7B	0-8	0-9	0-10	0-11	0-12	0-13	0-14	0-15	0-16
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Average Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Start Time Military Time	0710	0715	0716	0712	0713	0711	0708	0709	0710	0710	0711	0712
End Time Military Time	1710	1715	1716	1712	1713	1711	1718	1719	1710	1710	1711	1712
Duration (Minutes)	600											
Sample Volume (Liters)	1800											

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #												
Fibers/100 Fields:	5	7	8	5	3	3	4	2	2	0	0	1
Fibers/cc:	2.00	2.00	2.00	1.00	1.00	1.00	2.00	1.00	1.00	0.00	0.00	1.00

Samples Relinquished By:	D. Park	Date:	11/19/09
Received in Lab By:	CKT	Date:	
Analyzed By:	NST	Date:	11/20/09
Microscope Make, Model & #:	1830-TH	Turn-around Time	Immed. 24 Hr. 48 Hr.

Comments:



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ENVIRONMENTAL SERVICES, INC.

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Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

Job Ticket #

Empire State Development Corporation

Client

Building/Location

Work Area

Contractor

Contractor Contact

Rotometer #

Cassette Lot #

Client Contact

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

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

Field Sample #	0-17	0-18	0-19	0-20								
Pre-Calibrated Flow Rate	3	3	3	3								
Post-Calibrated Flow Rate	3	3	3	3								
Average Flow Rate	3	3	3	3								
Start Time Military Time	0713	0713	0713	0713								
End Time Military Time	1713	1713	1713	1713								
Duration (Minutes)	600	600	600	600								
Sample Volume (Liters)	1800	1800	1800	1800								

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #												
Fibers/100 Fields:	2	0	0	0								
Fibers/cc:	400	200	N/A	N/A								

Samples Relinquished By:

Date:

Received in Lab By:

Date:

Analyzed By:

Date:

Microscope Make, Model & #:

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☒ D. Park

Date: 11/20/09

Job Ticket #: 36355

Building / Location: midtown tower

Work Area: 9th and 10th floor

Shift: A B C

Project Description

ESDL

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

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

Job Type: Spray on MTP, mas, mtp

Type of Material: LPM, fire doors, windows

Sq/ft

Ln/ft

Project with multiple removals ☒

1st Check 0845 2nd Check 1015 3rd Check 1215 4th Check 1415 5th Check 1615

Time of air sampling pump check

Notes

on site @ 0845 / cal all pumps to 30 PPM
set up samples beginning @ 0900
checked all pumps throughout day to insure operation - all good
Broke down samples beginning @ 1700 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.



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ENVIRONMENTAL SERVICES, INC.

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Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 15016-09

09/10/08

Job Ticket # 36355

Empire State Development Corporation

Client Midtown Tower
Building/Location 9th and 10th floor
Cambria
Contractor Bill
Rotometer # 51
Cassette Lot #

Client Contact Mark Smith
Client Contact Phone 317 7294
Air Technician D. Park
Air Technician Phone
Fax Results To:
Fax #
Materials to be Removed See Air Log

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

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

Field Sample #	0-6	0-7A	0-7B	0-8	0-9	0-10	0-11	0-12	0-13	0-14	0-15	0-16
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Average Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Start Time Military Time	0706	0711	0712	0708	0708	0706	0720	0710	0722	0712	0724	0724
End Time Military Time	1706	1711	1712	1708	1708	1706	1720	1720	1722	1722	1724	1724
Duration (Minutes)	600											
Sample Volume (Liters)	1800											

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	103485	86	87	88	89	90	91	92	93	94	95	96
Fibers/100 Fields:	5	9	12	16	7.5	10	3.5	5	3	4.5	2.5	6
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Samples Relinquished By: <u>D. Park</u>	Date: <u>11/20/09</u>
Received in Lab By: <u>NET</u>	Date: <u>11/23/09</u>
Analyzed By: <u>JD</u>	Date: <u>11.23.09</u>
Microscope Make, Model & #: <u>035157</u>	Turn-around Time <u>Immed. 24 Hr. 48 Hr.</u>

Comments:



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Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 15016-09

07/10/78

Job Ticket #

36355

Empire State Development Corporation

Client

Midtown Tower

Building/Location

Cambria

Contractor

Rotometer #

9th and 10th floor

Work Area

Bill

Contractor Contact

Cassette Lot #

Marc Smith

Client Contact

D. Park

Air Technician

Fax Results To:

See Air Log

Client Contact Phone

317 7294

Air Technician Phone

Fax #

Materials to be Removed

Project

Phase

Phase IB ☐

Backgrounds

Phase IIA ☐

Work Area Preparation

Phase IIB ☒

Asbestos Handling

Phase IIC ☐

Final Cleaning

Phase IIC ☐

Clearance Airs

Env. ☐

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

Field Sample #	0-17	0-18	0-1	0-2								
Pre-Calibrated Flow Rate	3	3										
Post-Calibrated Flow Rate	3	3										
Average Flow Rate	3	3										
Start Time Military Time	6726	6726										
End Time Military Time	1726	1726										
Duration (Minutes)	600											
Sample Volume (Liters)	1800											

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	97	98	99	500								
Fibers/100 Fields:	5	2	0	0								
Fibers/cc:	<0.01	<0.01	N/A	N/A								

Samples Relinquished By:	D. Park	Date:	11/20/09
Received in Lab By:	N/A	Date:	11/23/09
Analyzed By:	J	Date:	11/23/09
Microscope Make, Model & #:	235757	Turn-around Time	Immed. 24 Hr. 48 Hr.

Comments:

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐

Air Technician: ☒ D. Park

Date: 11/21/09

Job Ticket #: 36356

Building / Location: Midtown Tower

Work Area: 9th and 10th floor

Shift ☒ A ☐ B ☐ C

Project Description

ESDC

Mark Smith

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

Cumbris

Mark D.

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

51

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☐

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

Spray on, EPM, mts, msp

Type of Material

WPM, fire doors, windows

Sq/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 @ 0650 / cal all pumps to 300pm

set up all pumps beginning @ 0701

checked all pumps throughout day to insure operation - all good

broke down samples beginning @ 1359 to sync with set up

submitted all samples to LCS

D. Park

Air Technician Signature

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



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Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 15017-09

Job Ticket # 36356

Empire State Development Corporation

Client: Midtown Tower 9th and 10th floor
Building/Location: 1311
Contractor: S1
Contractor Contact:
Rotometer #: Cassette Lot #

Client Contact: Mark Smith
Client Contact Phone: 317 7244
Air Technician: D. Park
Air Technician Phone:
Fax Results To: See Air Log
Fax #:
Materials to be Removed:

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

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

Field Sample #	0-6	0-7A	0-7B	0-8	0-9	0-10	0-11	0-12	0-13	0-14	0-15	0-16
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Average Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Start Time Military Time	0709	0714	0715	0711	0712	0710	0717	0718	0717	0720	0721	0721
End Time Military Time	1359	1404	1405	1401	1402	1400	1407	1408	1409	1410	1411	1411
Duration (Minutes)	410											
Sample Volume (Liters)	1230											

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	10350	502	03	04	05	06	07	08	09	10	11	12
Fibers/100 Fields:	12	17	20	11	5.5	7	4	6	6.5	4.5	3	5
Fibers/cc:	<0.01	<0.01	<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: 11/21/09
Received in Lab By: MET	Date: 11/23/09
Analyzed By: B	Date: 11-24-09
Microscope Make, Model & #: 1235757	Turn-around Time: Immed. 24 Hr. 48 Hr.

Comments:



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Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 15017-09

Job Ticket # 36356

Empire State Development Corporation

Client Middleton Tower 9th and 10th floor
Building/Location Cambria Work Area Bill
Contractor SI Contractor Contact
Rotometer # Cassette Lot #

Mark Smith
Client Contact D. Park Client Contact Phone 317 7294
Air Technician See Air Log Air Technician Phone
Fax Results To: Fax #
Materials to be Removed

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

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

Field Sample #	0-17	0-18	15-1	15-2								
Pre-Calibrated Flow Rate	3	3										
Post-Calibrated Flow Rate	3	3										
Average Flow Rate	3	3										
Start Time Military Time	6722	6722										
End Time Military Time	1412	1412										
Duration (Minutes)	410	→										
Sample Volume (Liters)	1230	→										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	13	14	15	16								
Fibers/100 Fields:	3.5	6	0	0								
Fibers/cc:	≤0.01	≤0.01	N/A	N/A								

Samples Relinquished By: <u>D. Park</u>	Date: <u>11/21/09</u>
Received in Lab By: <u>NET</u>	Date: <u>11/23/09</u>
Analyzed By: <u>B</u>	Date: <u>11/24/09</u>
Microscope Make, Model & #: <u>235757</u>	Turn-around Time <u>Immed. 24 Hr. 48 Hr.</u>

Comments:

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐ D. Park
Air Technician: ☒ D. Park Date: 11/23/07 Job Ticket #: 36389

Building / Location: Midtown Tower Work Area: 9th mid 10th floor Shift (A) B C

Project Description

ESDL

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

Cambridge

Mark D

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

51

Map Completed

Rotometer Number

Date of Last Calibration

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

Job Type

Spray on, 10/ftm, mms, msp

Type of Material

10/ftm, 100 lbs / 1000 sq/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 (about) / call all pumps to 200m
set up pumps beginning 10:00
checked all pumps throughout day - all good
make clean pumps to sync w/ set up time
submitted all samples to LIS

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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

15047-09

Job Ticket #

0911078
36359

Empire State Development Corporation

Client

Midtown Tower 9th and 10th floor

Building/Location

Work Area

Cambridge

Bill

Contractor

Contractor Contact

51

Rotometer #

Cassette Lot #

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 ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

* Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

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

Field Sample #	0-6	0-7A	0-7B	0-8	0-9	0-10	0-11	0-12	0-13	0-14	0-15	0-16
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Average Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Start Time Military Time	0704	0708	0709	0706	0707	0705	0711	0714	0712	0712	0713	0713
End Time Military Time	1704	1708	1709	1706	1707	1705	1711	1711	1712	1712	1713	1713
Duration (Minutes)	600	→										→
Sample Volume (Liters)	1800	→										→

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	103	731	732	733	734	735	736	737	738	739	740	741	742
Fibers/100 Fields:	10	7	5	9	6.5	3	5.5	4	8	6	3	11	
Fibers/cc:	<0.01	<0.01	<0.01	<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:

11/23/07

Received in Lab By:

SH

Date:

11-24-09

Analyzed By:

B

Date:

11-24-09

Microscope Make, Model & #:

235757

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

15047-09

Job Ticket #

09/1078
36259

Empire State Development Corporation

Client

Midtown Tower

Building/Location

Cambria

Contractor

51

Work Area

9th and 10th floors

Bill

Contractor Contact

Client Contact

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Rotometer #

Cassette Lot #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

*

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

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

Field Sample #	0-17	0-18	13-1	13-2							
Pre-Calibrated Flow Rate	3	3									
Post-Calibrated Flow Rate	3	3									
Average Flow Rate	3	3									
Start Time Military Time	0714	0714									
End Time Military Time	1714	1714									
Duration (Minutes)	600	600									
Sample Volume (Liters)	1800	1800									

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	743	744	745	746							
Fibers/100 Fields:	4.5	3.5	0	0							
Fibers/cc:	<0.01	<0.01									

Samples Relinquished By:

D. Park

Date:

11/23/07

Received in Lab By:

80

Date:

11-24-09

Analyzed By:

B

Date:

11-24-09

Microscope Make, Model & #:

235757

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐ D. Park

Air Technician: ☒ D. Park

Date: 11/24/07

Job Ticket #: 36361

Building / Location: Midtown Tower

Work Area: 9th and 10th floor

Shift (A) B C

Project Description

ESPC

Mark Smith

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

Cambridge

Bill

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

51

Map Completed

Rotometer Number

Date of Last Calibration

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

Job Type Spray on, Araldite, mms, msp

WPM, fine dust, asbestos

Sq/ft

Ln/ft

Project with multiple removals ☒

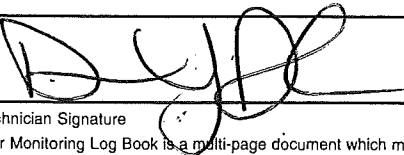
Type of Material

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

Time of air sampling pump check

Notes

on site @ 0800 / cal all pumps to 30pm
Set up pumps beginning @ 0707
checked all pumps throughout day to insure operation - all good
Broke down pumps beginning @ 1707 to sync with set up times
Submitted all samples to L&S



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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

15129-09

04/10/08

Job Ticket #

36361

Empire State Development Corporation

Client

Midtown Tower

Building/Location

Cambridge

Contractor

SI

Rotometer #

Work Area

Contractor Contact

Cassette Lot #

Client Contact

D. Park

Air Technician

Client Contact Phone

317 7244

Air Technician Phone

Fax Results To:

Fax #

See Air Log

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

* Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

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

Field Sample #	0-6	0-7	0-7A	0-8	0-9	0-10	0-11	0-12	0-13	0-14	0-15	0-16
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Average Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Start Time Military Time	0707	0709	0710	0732	0733	0708	0719	0719	0721	0721	0723	0723
End Time Military Time	1707	1709	1710	1732	1733	1708	1719	1719	1721	1721	1723	1723
Duration (Minutes)	600											→
Sample Volume (Liters)	1800											→

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	104	407	408	409	410	411	412	413	414	415	416	417
Fibers/100 Fields:	10	13	16	8	4.5	6	5	3.5	5	4	6	3
Fibers/cc:	<0.01	<0.01	<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:	11/24/09
Received in Lab By:	SI	Date:	11-25-09
Analyzed By:	B	Date:	11-25-09
Microscope Make, Model & #:	235757	Turn-around Time	Immed. 24 Hr. 48 Hr.

Comments:



PARADIGM

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Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

15129-09

Job Ticket #

09/107B
36361

Empire State Development Corporation

Client

Midtown Tower

Building/Location

Cambridge

Contractor

SI

Rotometer #

9th and 10th floor

Work Area

Bill

Contractor Contact

Cassette Lot #

Client Contact

Mark Smith

Air Technician

Client Contact Phone

317 7294

Air Technician Phone

Fax Results To:

Fax #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

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

Field Sample #	0-17	0-18	151	152								
Pre-Calibrated Flow Rate	3	3										
Post-Calibrated Flow Rate	3	3										
Average Flow Rate	3	3										
Start Time Military Time	0725	0725										
End Time Military Time	1725	1725										
Duration (Minutes)	600	600										
Sample Volume (Liters)	1800	1800										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	418	419	420	421								
Fibers/100 Fields:	4.5	7	0	0								
Fibers/cc:	<0.01	<0.01										

Samples Relinquished By:

D. Park

Date:

11/24/09

Received in Lab By:

SI

Date:

11-25-09

Analyzed By:

SI

Date:

11-25-09

Microscope Make, Model & #:

035757

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐

Air Technician: ☒ D. Park

Date: 11/25/09

Job Ticket #: 36362

Building / Location: Midtown Tower

Work Area: 9th and 10th floor

Shift ☒ A ☐ B ☐ C

Project Description

ESDC

Mark Smith

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

51

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☐

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

Spray on, ft/km, MAS, MTP

very fine dust, windows

Sq/ft

Ln/ft

Project with multiple removals ☒

Type of Material

1st Check

2nd Check

3rd Check

4th Check

5th Check

Time of air sampling pump check

Notes

On site @ 0630 / cal all pumps to 30pm
Set up pumps beginning @ 0708

checked all pumps throughout day to insure operation - all good

Broke down pumps 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.



PARADIGM

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Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 1522909
04/1078
Job Ticket # 30362 ✓

Empire State Development Corporation

Client Midtown Tower 9th and 10th floors
Building/Location Camden Work Area Bill
Contractor SI Contractor Contact Bill
Rotometer # _____ Cassette Lot # _____

Mark Smith
Client Contact D. Park Client Contact Phone 317 7294
Air Technician _____ Air Technician Phone _____
Fax Results To: _____ Fax # _____
Materials to be Removed See Air Log

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

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

Field Sample #	0-6	0-7A	0-7B	0-8	0-9	0-10	0-11	0-12	0-13	0-14	0-15	0-16
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Average Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Start Time Military Time	0708	0710	0710	0728	0728	0709	0717	0717	0714	0714	0721	0721
End Time Military Time	1408	1410	1410	1428	1428	1409	1417	1417	1414	1414	1421	1421
Duration (Minutes)	420	→										
Sample Volume (Liters)	1260	→										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	105316	317	318	319	320	321	322	323	324	325	326	327
Fibers/100 Fields:	6	14	9	5	3	2	3	5	3	1	2	1.5
Fibers/cc:	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01

Samples Relinquished By: <u>D. Park</u>	Date: <u>11/25/09</u>
Received in Lab By: <u>M. Hasenauer</u>	Date: <u>11/25/09</u>
Analyzed By: <u>SH</u>	Date: <u>11-28-09</u>
Microscope Make, Model & #: <u>221113</u>	Turn-around Time <u>Immed. 24 Hr. 48 Hr.</u>

Comments:



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Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

15229-09

04/10/08

Job Ticket #

36362 ✓ MH

Empire State Development Corporation

Client

Midtown Tower

5th and 10th floor

Building/Location

Work Area

Cumbric

Bill

Contractor

Contractor Contact

SI

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 ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

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

Field Sample #	0-17	0-18	15-1	15-2								
Pre-Calibrated Flow Rate	3	3										
Post-Calibrated Flow Rate	3	3										
Average Flow Rate	3	3										
Start Time Military Time	0723	0723										
End Time Military Time	1423	1423										
Duration (Minutes)	420	420										
Sample Volume (Liters)	1260	1260										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	328	329	330	331								
Fibers/100 Fields:	3	3.5	0	0								
Fibers/cc:	2.01	2.01	NIA	NIA								

Samples Relinquished By:

D. Park

Date:

11/25/07

Received in Lab By:

M. Rosemary

Date:

11/25/07

Analyzed By:

SM

Date:

11-28-07

Microscope Make, Model & #:

22113

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐

Air Technician: ☒

D. Park

Date: 11/30/07

Job Ticket #: 36365

Building / Location: Midtown Tower

Work Area: 5th and 10th floor

Shift A B C

Project Description

ESDC

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

Cambridge

Mark D.

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

SI

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☐

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

Spray on ft/lt/mas, msp

w/ft, line draws, windows

Sq/ft

Ln/ft

Project with multiple removals ☒

Type of Material

1st Check 0815 2nd Check 1015 3rd Check 1215 4th Check 1415 5th Check 1615

Time of air sampling pump check

Notes

on site (0845) cal all pumps to 300m

Set up pumps beginning 0707

checked pumps throughout day to insure operation - all good

Broke down samples beginning 0727 to 5pm with set of lines

Submitted all samples to LIS

D. Park

Air Technician Signature

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



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Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #
15327-09

Job Ticket #
36365 SM 12-1-09

Empire State Development Corporation

Client
Midtown Tower 9th and 10th floor

Building/Location
Cambridge

Work Area
Bill

Contractor
SI

Contractor Contact

Rotometer #

Cassette Lot #

Client Contact
D. Park

Client Contact Phone
317 7244

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Materials to be Removed
See Air log

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

Backgrounds Work Area Preparation Asbestos Handling Final Cleaning Clearance Airs

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

Field Sample #	0-6	0-7A	0-7B	0-8	0-9	0-10	0-11	0-12	0-13	0-14	0-15	0-16
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Average Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Start Time Military Time	0707	0708	0709	0778	0729	0707	0717	0717	0719	0719	0721	0721
End Time Military Time	1707	1708	1709	1728	1729	1707	1717	1717	1719	1719	1721	1721
Duration (Minutes)	600											→
Sample Volume (Liters)	1800											→

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	100	151	152	153	154	155	156	157	158	159	160	161
Fibers/100 Fields:	9	13	16	8.5	5	7	4.5	6	11	7.5	4.5	3
Fibers/cc:	<0.01	<0.01	<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:	11/30/09
Received in Lab By:	SM	Date:	12-1-09
Analyzed By:	J	Date:	12-2-09
Microscope Make, Model & #:	235757	Turn-around Time	Immed. 24 Hr. 48 Hr.

Comments:



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Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

1532709

07/1078

Job Ticket #

36365 SKL

Empire State Development Corporation

Client

Midtown Tower

9th and 10th floor

Building/Location

Chambrin

Work Area

Bill

Contractor

SI

Contractor Contact

Cassette Lot #

Rotometer #

Mark Smith

Client Contact

Client Contact Phone

D. Park

717 7294

Air Technician

Air Technician Phone

Fax Results To:

Fax #

See Air Log

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

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

Field Sample #	0-17	0-18	B-1	B-2								
Pre-Calibrated Flow Rate	3	3										
Post-Calibrated Flow Rate	3	3										
Average Flow Rate	3	3										
Start Time Military Time	0723	0723										
End Time Military Time	1723	1723										
Duration (Minutes)	600	600										
Sample Volume (Liters)	1800	1800										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	162	163	164	165								
Fibers/100 Fields:	5.5	4.5	0	0								
Fibers/cc:	10.01	10.01										

Samples Relinquished By:	D. Park	Date:	12/30/09
Received in Lab By:	SKL	Date:	12-1-09
Analyzed By:	B	Date:	12-2-09
Microscope Make, Model & #:	235757	Turn-around Time	Immed. 24 Hr. 48 Hr.

Comments:

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐

Air Technician: ☒

D. Park

Date:

12/1/04

Job Ticket #:

36867

Building / Location:

Midtown Tower

Work Area:

3rd and 10th floor

Shift

A

B

C

Project Description

ESDL

Client / Owner (Print Name)

Cambridge

Client / Owner Representative (Print Name)

Mark D

Client Contact (Print Name)

Mark Smith

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

51

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☐

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

Spring on, after hours, mop

Type of Material

1st Check

0815

2nd Check

1015

3rd Check

1215

4th Check

1415

5th Check

1615

Time of air sampling pump check

Notes

on site O&S of all pumps to 30pm

Set up pumps beginning @ 0710

checked all pumps throughout day to ensure operation - all good

Broke down pumps @ 1710 to sync & set up lines

Submitted all samples to 125

Air Technician Signature

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



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Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

Job Ticket #

Empire State Development Corporation

Client

Building/Location

Work Area

Contractor

Contractor Contact

Rotometer #

Cassette Lot #

Client Contact

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

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

Field Sample #	0-6	0-7a	0-7b	0-8	0-9	0-10	0-11	0-12	0-13	0-14	0-15	0-16
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Average Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Start Time Military Time	0700	0705	0710	0730	0730	0748	0719	0719	0721	0721	0713	0713
End Time Military Time	1708	1709	1710	1730	1730	1708	1719	1717	1721	1721	1713	1723
Duration (Minutes)	600											
Sample Volume (Liters)	1800											

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	1	2	3	4	5	6	7	8	9	10	11	12
Fibers/100 Fields:	1	5	5	35	3	2	1	1	0	1	1	1
Fibers/cc:	1	1	1	1	1	1	1	1	1	1	1	1

Samples Relinquished By:

Date:

Received in Lab By:

Date:

Analyzed By:

Date:

Microscope Make, Model & #:

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

Job Ticket #

Empire State Development Corporation

Client

Building/Location

Contractor

Rotometer #

Work Area

Contractor Contact

Cassette Lot #

Client Contact

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

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

Field Sample #	0-17	0-18	15-1	15-2								
Pre-Calibrated Flow Rate	3	3										
Post-Calibrated Flow Rate	3	3										
Average Flow Rate	3	3										
Start Time Military Time	0725	0715										
End Time Military Time	1715	1705										
Duration (Minutes)	600	600										
Sample Volume (Liters)	1800	1800										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #												
Fibers/100 Fields:	1	0	0	0								
Fibers/cc:			N/A	N/A								

Samples Relinquished By:

Date:

Received in Lab By:

Date:

Analyzed By:

Date:

Microscope Make, Model & #:

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐ D. Park

Air Technician: ☒ D. Park

Date: 12/2/07

Job Ticket #: 36365

Building / Location: midtown Tower

Work Area: 9th and 10th floor

Shift ☒ A ☐ B ☐ C

Project Description

ESDC

Mark Smith

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

Cumbrice

Mark D.

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

SI

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☐

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

Spray on, EtHerm, MAT, msp

with fire doors, windows

Sq/ft

Ln/ft

Project with multiple removals ☒

Type of Material

1st Check 0800

2nd Check 1000

3rd Check 1200

4th Check 1400

5th Check 1600

Time of air sampling pump check

Notes

On site @ 0650 / cal all pumps to 30pm

Set up all pumps beginning @ 0700

checked all pumps throughout day to insure operation - all good

Broke down pumps to sync exactly 1 set up time

Submitted all samples to L-5

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.

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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

15437-09

Job Ticket #

36369 SM

Empire State Development Corporation

Client

Midtown Tower

Building/Location

Cambridge

Contractor

SI

Rotometer #

Work Area

Contractor Contact

Cassette Lot #

Client Contact

D. Parks

Air Technician

Client Contact Phone

317-7244

Air Technician Phone

Fax Results To:

Fax #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

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

Field Sample #	0-6	0-7A	0-7B	0-8	0-9	0-10	0-11	0-12	0-13	0-14	0-15	0-16
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Average Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Start Time Military Time	0709	0710	0711	0731	0731	0709	0719	0719	0721	0721	0723	0723
End Time Military Time	1701	1710	1711	1731	1731	1709	1719	1719	1721	1721	1723	1723
Duration (Minutes)	600											
Sample Volume (Liters)	1800											

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	100	925	926	927	928	929	930	931	932	933	934	935	936
Fibers/100 Fields:	9	7.5	12	6	5	3.5	6.5	4	4.5	8	10	7	
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Samples Relinquished By:

D. Parks

Date:

12/2/07

Received in Lab By:

SM

Date:

12-3-09

Analyzed By:

B

Date:

12-4-09

Microscope Make, Model & #:

235757

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

15437-09

Job Ticket #

09/1078
36367 SM

Empire State Development Corporation

Client

Midtown Tower

Building/Location

Chambers

Contractor

SI

Rotometer #

9th and 10th floor

Work Area

Bill

Contractor Contact

Cassette Lot #

Mark Smith

Client Contact

D. Park

Air Technician

Client Contact Phone

317 7294

Air Technician Phone

Fax Results To:

See Air Log

Fax #

Materials to be Removed

Project

Phase

Phase IB ☐

Backgrounds

Phase IIA ☐

Work Area Preparation

Phase IIB ☒

Asbestos Handling

Phase IIC ☐

Final Cleaning

Phase IIC ☐

Clearance Airs

* Env. ☐

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

Field Sample #	0-17	0-18	15-1	15-2								
Pre-Calibrated Flow Rate	3	3										
Post-Calibrated Flow Rate	3	3										
Average Flow Rate	3	3										
Start Time Military Time	0725	0725										
End Time Military Time	1725	1725										
Duration (Minutes)	600	600										
Sample Volume (Liters)	1800	1800										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	937	938	939	940								
Fibers/100 Fields:	4.5	11	0	0								
Fibers/cc:	<0.01	<0.01										

Samples Relinquished By:

D. Park

Date:

12/2/09

Received in Lab By:

SM

Date:

12-3-09

Analyzed By:

B

Date:

12-4-09

Microscope Make, Model & #:

235757

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐

Air Technician: ☒

Date:

12/3/09

Job Ticket #:

36407

Building / Location:

Midtown Tower

Work Area:

9th and 10th floor

Shift

A B C

Project Description

ESDC

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

Mark S.

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Cumbric

Mark D.

Yes ☒ No ☐

51

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☐

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

Spray on, 4th/5th, 6th, 7th

Sq/ft

Ln/ft

Project with multiple removals ☒

Type of Material

1st Check

0800

2nd Check

1000

3rd Check

1200

4th Check

1400

5th Check

1600

Time of air sampling pump check

Notes

on site @ 0650 / all pumps to run

Set up pumps beginning @ 0708

checked all pumps throughout day to make sure they were running - 2 used

Broke down samples to give with set up times

Submitted all samples to LIS

Air Technician Signature

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



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Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 15592-09

Job Ticket # 09/1018
36409 SLL

Empire State Development Corporation

Client Midtown Tower 9th and 10th floor
Building/Location Cumbric
Contractor SI
Work Area Bill
Contractor Contact
Rotometer #
Cassette Lot #

Client Contact Mark Smith
Client Contact Phone 212 7294
Air Technician D. Parker
Air Technician Phone
Fax Results To: See Air Log
Fax #
Materials to be Removed

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

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

Field Sample #	0-6	0-7A	0-7B	0-8	0-9	0-10	0-11	0-12	0-13	0-14	0-15	0-16
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Average Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Start Time Military Time	0708	0710	0711	0730	0730	0708	0715	0719	0721	0721	0723	0723
End Time Military Time	1708	1710	1711	1730	1730	1708	1719	1719	1771	1721	1723	1723
Duration (Minutes)	600											
Sample Volume (Liters)	1800											

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	107	889	890	891	892	893	894	895	896	897	898	899	900
Fibers/100 Fields:	9.5	22	15	10	7	5.5	4	8	6.5	5	7.5	4	
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Samples Relinquished By: <u>D. Parker</u>	Date: <u>12/3/09</u>
Received in Lab By: <u>SLL</u>	Date: <u>12-7-09</u>
Analyzed By: <u>S</u>	Date: <u>12-8-09</u>
Microscope Make, Model & #: <u>235757</u>	Turn-around Time <u>Immed. 24 Hr. 48 Hr.</u>

Comments:



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Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 15592-09

Job Ticket # 36409 SLL 12/7/09

Empire State Development Corporation

Client Middtown Tower 9th and 10th floor
Building/Location Cambridge Work Area B11
Contractor SI Contractor Contact
Rotometer # Cassette Lot #

Client Contact Mark Smith Client Contact Phone 317 7294
Air Technician D. Park Air Technician Phone
Fax Results To: See 4th Log Fax #
Materials to be Removed

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

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

Field Sample #	0-17	0-18	B-1	B-2								
Pre-Calibrated Flow Rate	3	3										
Post-Calibrated Flow Rate	3	3										
Average Flow Rate	3	3										
Start Time Military Time	0725	0725										
End Time Military Time	1725	1725										
Duration (Minutes)	600	600										
Sample Volume (Liters)	1800	1800										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	901	902	903	904								
Fibers/100 Fields:	2.5	3	0	0								
Fibers/cc:	<0.01	<0.01										

Samples Relinquished By: <u>D. Park</u>	Date: <u>12/3/09</u>
Received in Lab By: <u>SLL</u>	Date: <u>12-7-09</u>
Analyzed By: <u>[Signature]</u>	Date: <u>12-8-09</u>
Microscope Make, Model & #: <u>235757</u>	Turn-around Time <u>Immed. 24 Hr. 48 Hr.</u>

Comments:

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐ Air Technician: ☒ D. Park Date: 12/4/09 Job Ticket #: 36411

Building / Location: Mackinac Tower Work Area: 9th and 10th floor Shift ☒ A ☐ B ☐ C

Project Description: ESDC Client / Owner (Print Name): Chambers Client / Owner Representative (Print Name): Mark D. Client Contact (Print Name): Mark Smith

Abatement Contractor (Print Name): Chambers Abatement Supervisor (Print Name): Mark D. NYSDOL Asbestos Handling Certificate Number: 51

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

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

Job Type: Spray on, RTI, H, M, W, N, P W, P, H, M, W, N, P Sq/ft Ln/ft Project with multiple removals ☒

Type of Material: Asbestos 1st Check 0800 2nd Check 1000 3rd Check 1500 4th Check 1600 5th Check

Time of air sampling pump check: 0800 Notes:

On site @ 0645 / cal all pumps to 2000
Set up pumps beginning @ 0700
checked all pumps throughout day to insure operation - all good
Booze down pumps to 500 / set up times
Submitted all samples to LLS

Air Technician Signature: D. Park

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



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Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

15595-09

Job Ticket #

09/1078
36411

Empire State Development Corporation

Client

Midtown Tower

9th and 10th floor

Building/Location

Cambria

Work Area

B11

Contractor

SI

Contractor Contact

Client Contact

Mark Smith
D. Park

Client Contact Phone

317 7244

Air Technician

Air Technician Phone

Fax Results To:

Fax #

See Air Log

Materials to be Removed

Rotometer #

Cassette Lot #

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

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

Field Sample #	0-6	0-7A	0-7B	0-8	0-9	0-10	0-11	0-12	0-13	0-14	0-15	0-16
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Average Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Start Time Military Time	0706	0708	0709	0716	0717	0707	0711	0711	0712	0712	0713	0713
End Time Military Time	1706	1708	1709	1716	1717	1707	1711	1711	1712	1712	1713	1713
Duration (Minutes)	600	→										
Sample Volume (Liters)	1800	→										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	107	947	948	949	950	951	952	953	954	955	956	957	958
Fibers/100 Fields:	8	13	16	7	6	4.5	4	2	2.5	5	3.5	2	
Fibers/cc:	<0.01	<0.01	<0.01	<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:	12/4/09
Received in Lab By:	SM	Date:	12-7-09
Analyzed By:	B	Date:	12-8-09
Microscope Make, Model & #:	23575T	Turn-around Time	Immed. 24 Hr. 48 Hr.

Comments:



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Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #
15595-09

Job Ticket #
36411

Empire State Development Corporation

Client
Midtown Tower 9th and 10th floor

Building/Location
Chambers

Work Area
Bill

Contractor
51

Contractor Contact

Rotometer #

Cassette Lot #

Client Contact
D. Park

Client Contact Phone
317 7744

Air Technician
Bill

Air Technician Phone

Fax Results To:
See Air Log

Fax #

Materials to be Removed

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

Backgrounds Work Area Preparation Asbestos Handling Final Cleaning Clearance Airs

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

Field Sample #	0-17	0-18	13-1	13-2								
Pre-Calibrated Flow Rate	3	3										
Post-Calibrated Flow Rate	3	3										
Average Flow Rate	3	3										
Start Time Military Time	0714	0714										
End Time Military Time	1714	1714										
Duration (Minutes)	1000											
Sample Volume (Liters)	1800											

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	959	960	961	962								
Fibers/100 Fields:	7	5.5	0	0								
Fibers/cc:	20.01	20.01										

Samples Relinquished By: D. Park	Date: 12/4/07
Received in Lab By: SH	Date: 12-7-09
Analyzed By: SH	Date: 12-8-09
Microscope Make, Model & #: 335757	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments:

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☒ D. Park

Date: 12/12/10 Job Ticket #: 36414

Building / Location: Midtown Tower

Work Area: 9th and 10th floor

Shift A B C

Project Description

ESDC

Mark Smith

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

Cumbrak

Mark D.

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

51

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☐

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

Spray on, ft/ft, mass. mpp

up, down, windows

Sq/ft

Ln/ft

Project with multiple removals ☒

Type of Material

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

Time of air sampling pump check

Notes

on site @ 0653 local all pumps to 300m

set up pumps beginning @ 0700

checked all pumps throughout day to insure operation - all good

took down samples @ 1700 to sync exactly w/ set up times

submitted all samples to lab

Air Technician Signature

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



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Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

Job Ticket #

Empire State Development Corporation

Client

Building/Location

Contractor

Rotometer #

Work Area

Contractor Contact

Cassette Lot #

Client Contact

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

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

Field Sample #	0-6	0-7A	0-7B	0-8	0-9	0-10	0-11	0-12	0-13	0-14	0-15	0-16
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Average Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Start Time Military Time	0709	0712	0713	0711	0712	0709	0714	0714	0715	0715	0716	0716
End Time Military Time	1704	1722	1723	1711	1712	1709	1714	1714	1715	1715	1716	1716
Duration (Minutes)	600											
Sample Volume (Liters)	1800											

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	108513	514	515	516	517	518	519	520	521	522	523	524
Fibers/100 Fields:	10	4	2.5	7	3.5	4	6.5	3	5	4.5	8	6
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

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

Comments:



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Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 1567009

Job Ticket # 36414

Empire State Development Corporation

Client Milton Tower 5th and 10th
Building/Location Can Site Work Area Bill
Contractor 51 Contractor Contact
Rotometer # Cassette Lot #

Client Contact Mark Smith Client Contact Phone 317 7244
Air Technician D. Park Air Technician Phone
Fax Results To: See Air (0) Fax #
Materials to be Removed

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

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

Field Sample #	0-17	0-18	15-1	15-2								
Pre-Calibrated Flow Rate	3	3										
Post-Calibrated Flow Rate	3	3										
Average Flow Rate	3	3										
Start Time Military Time	0717	0717										
End Time Military Time	1717	1717										
Duration (Minutes)	600	600										
Sample Volume (Liters)	1800	1800										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	525	526	527	528								
Fibers/100 Fields:	5.5	4	0	0								
Fibers/cc:	20.01	20.01										

Samples Relinquished By:	Date: <u>12/7/09</u>
Received in Lab By: <u>D. Park</u>	Date: <u>12/7/09</u>
Analyzed By: <u>[Signature]</u>	Date: <u>12.9.09</u>
Microscope Make, Model & #: <u>235757</u>	Turn-around Time <u>Immed. 24 Hr. 48 Hr.</u>

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: ☐ D. Pak

Air Technician: ☒ D. Pak

Date: 12/8/09

Job Ticket #: 36416

Building / Location: Midtown Tower

Work Area: 9th and 10th floor

Shift (A) B C

Project Description

ESPC

Mark Smith

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

Cambridge

Mark D.

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

51

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☐

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

Spray on, 4th flr, mtrs.

MTP, WPM

Sq/ft

Ln/ft

Project with multiple removals ☒

Type of Material

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

Time of air sampling pump check

Notes

on site @ 0645 / cal all pumps to 200pm
Set up pumps beginning @ 0700
checked pumps throughout day to insure operation - all good
Broke down pumps to spec exactly w/ set up time
Submitted all samples to lab

Air Technician Signature

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



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Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

15748-09

09/10/08

Job Ticket #

36416

Empire State Development Corporation

Client

Midtown Tower

Work Area

9th and 10th floor

Building/Location

Cambria

Contractor Contact

Bill

Contractor

SI

Rotometer #

Cassette Lot #

Client Contact

Mark Smith
D. Park

Client Contact Phone

313 7274

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Materials to be Removed

See Air Log

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

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

Field Sample #	0-6	0-7A	0-7B	0-8	0-9	0-10	0-11	0-12	0-13	0-14	0-15	0-16
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Average Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Start Time Military Time	0706	0718	0719	0708	0709	0706	0712	0712	0713	0713	0714	0714
End Time Military Time	1706	1718	1719	1708	1709	1706	1712	1712	1713	1713	1714	1714
Duration (Minutes)	600											
Sample Volume (Liters)	1800											

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	034	035	036	037	038	039	040	041	042	043	044	045
Fibers/100 Fields:	9	3	4	8	1.5	2	7	5	6.5	4	5.5	3.5
Fibers/cc:	<0.01	<0.01	<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:	12/8/09
Received in Lab By:	SM	Date:	12-9-09
Analyzed By:	B	Date:	12-9-09
Microscope Make, Model & #:	235757	Turn-around Time	Immed. 24 Hr. 48 Hr.

Comments:



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #
1574809

09/10/08

Job Ticket #

Empire State Development Corporation

Client
Milton Tower
Building/Location
Cambridge
Contractor
51
Work Area
9th and 10th floor
Contractor Contact
Bill
Rotometer #
Cassette Lot #

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

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

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

Field Sample #	0-17	0-18	131	132								
Pre-Calibrated Flow Rate	3	3										
Post-Calibrated Flow Rate	3	3										
Average Flow Rate	3	3										
Start Time Military Time	0715	0715										
End Time Military Time	1715	1715										
Duration (Minutes)	600	600										
Sample Volume (Liters)	1800	1800										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	0416	0417	0418	0419								
Fibers/100 Fields:	4	2	0	0								
Fibers/cc:	<0.01	<0.01										

Samples Relinquished By:	D. Park	Date:	12/8/09
Received in Lab By:	SM	Date:	12-9-09
Analyzed By:	J	Date:	12-9-09
Microscope Make, Model & #:	235757	Turn-around Time	Immed. 24 Hr. 48 Hr.

Comments:



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 15792-09

Job Ticket # 36418

Empire State Development Corporation

Client

Michael Toner

Building/Location

Cambria

Contractor

SI

Rotometer #

Work Area

5th and 10th floor

Work Area

Bill

Contractor Contact

Cassette Lot #

Client Contact

D. Park

Air Technician

Client Contact Phone

317 7294

Air Technician Phone

Fax Results To:

Fax #

Materials to be Removed

Project

Phase

Phase IB ☐

Backgrounds

Phase IIA ☐

Work Area Preparation

Phase IIB ☐

Asbestos Handling

Phase IIC ☒

Final Cleaning

Phase IIC ☐

Clearance Airs

* Env. ☐

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

Field Sample #	0-6	0-7a	0-7b	0-8	0-9	0-10	0-11	0-12	0-13	0-14	0-15	0-16
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Average Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Start Time Military Time	0707	0718	0719	0715	0715	0708	0710	0710	0711	0711	0712	0712
End Time Military Time	1707	1718	1719	1715	1715	1708	1710	1710	1711	1711	1712	1712
Duration (Minutes)	600											
Sample Volume (Liters)	1800											

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	10931	1017	18	19	20	21	22	23	24	25	26	27
Fibers/100 Fields:	11	3.5	4	6	8	wet	wet	4.5	5	2.5	4	3
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01	Inv.	Inv.	<0.01	<0.01	<0.01	<0.01	<0.01

Samples Relinquished By:	D. Park	Date:	12/1/07
Received in Lab By:	HEF	Date:	12/9/09
Analyzed By:		Date:	12-10-09
Microscope Make, Model & #:	235757	Turn-around Time	Immed. 24 Hr. 48 Hr.

Comments:



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 15792-09

Job Ticket # 30418

Empire State Development Corporation

Client Midtown Tower 9th and 10th floor
Building/Location Kambrin Work Area B11
Contractor 51 Contractor Contact
Rotometer # Cassette Lot #

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

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

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

Field Sample #	0-17	0-18	0-1	0-7								
Pre-Calibrated Flow Rate	3	3										
Post-Calibrated Flow Rate	3	3										
Average Flow Rate	3	3										
Start Time Military Time	0713	0713										
End Time Military Time	1713	1713										
Duration (Minutes)	600	600										
Sample Volume (Liters)	1800	1800										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	28	29	30	31								
Fibers/100 Fields:	5.5	wet	0	0								
Fibers/cc:	20.01	Inv.										

Samples Relinquished By: <u>D. Park</u>	Date: <u>12/1/07</u>
Received in Lab By: <u>UET</u>	Date: <u>12/9/09</u>
Analyzed By: <u>B</u>	Date: <u>12-10-09</u>
Microscope Make, Model & #: <u>235757</u>	Turn-around Time <u>Immed. 24 Hr. 48 Hr.</u>

Comments:

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐ Air Technician: ☒ *D. Park* Date: *12/11/09* Job Ticket #: *36421*

Building / Location: *Midtown Tower* Work Area: *9th and 10th floor* Shift *A* B C

Project Description

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

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

Yes ☒ No ☐ *51*

Map Completed Rotometer Number Date of Last Calibration

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

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

Job Type *Spraying #1/4th / mas* Sq/ft Ln/ft Project with multiple removals ☒
not up

Type of Material

1st Check *0800* 2nd Check *0930* 3rd Check *1100* 4th Check *1230* 5th Check

Time of air sampling pump check

Notes

*on site 0650 cal all pumps to 3 LPM
set up pumps beginning 0700
checked all pumps throughout day for proper operation - all good
broke down pumps to see exactly how they were set up
submitted all samples to lab*

D. Park
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.

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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

Job Ticket #

Empire State Development Corporation

Client

Building/Location

Contractor

Rotometer #

Work Area

Contractor Contact

Cassette Lot #

Client Contact

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☒

Phase IIC ☐

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

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

Field Sample #	0-6	0-7A	0-7B	0-8	0-9	0-10	0-11	0-12	0-13	0-14	0-15	0-16
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Average Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Start Time Military Time	0707	0716	0717	0709	0710	0708	0711	0711	0712	0712	0713	0713
End Time Military Time	1707	1716	1717	1709	1710	1708	1711	1711	1712	1712	1713	1713
Duration (Minutes)	600											
Sample Volume (Liters)	1800											

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	01	02	03	04	05	06	07	08	09	10	11	12
Fibers/100 Fields:	9	5	3.5	12	6	3	5	not	4.5	5.5	2	4
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	Inv.	<0.01	<0.01	<0.01	<0.01

Samples Relinquished By:

Date:

Received in Lab By:

Date:

Analyzed By:

Date:

Microscope Make, Model & #:

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 15920-09
09/1078
Job Ticket # 36420

Empire State Development Corporation

Client Midtown Tower 5th and 10th fls
Building/Location Cambria Work Area Bill
Contractor SI Contractor Contact
Rotometer # Cassette Lot #

Mark Smith
Client Contact D. Park Client Contact Phone 317 7294
Air Technician See Air Log Air Technician Phone
Fax Results To: Fax #
Materials to be Removed

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

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

Field Sample #	0-17	0-18	15-1	15-2								
Pre-Calibrated Flow Rate	3	3										
Post-Calibrated Flow Rate	3	3										
Average Flow Rate	3	3										
Start Time Military Time	0714	0714										
End Time Military Time	1714	1714										
Duration (Minutes)	600	600										
Sample Volume (Liters)	1800	1800										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	13	14	15	16								
Fibers/100 Fields:	wet	3.5	0	0								
Fibers/cc:	Inv.	<0.01										

Samples Relinquished By: <u>D. Park</u>	Date: <u>12/11/09</u>
Received in Lab By: <u>MEI</u>	Date: <u>12/11/09</u>
Analyzed By: <u>[Signature]</u>	Date: <u>12-14-09</u>
Microscope Make, Model & #: <u>235757</u>	Turn-around Time <u>Immed. 24 Hr. 48 Hr.</u>

Comments:

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ D. Park

Date: 12/14/09

Job Ticket #: 36724

Building / Location: Midtown Tower

Work Area: 9th and 10th floor

Shift ☒ A ☐ B ☐ C

Project Description

E SDC

Mark Smith

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

Chambers

Mark D.

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

SI

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☐

Phase IIC ☒

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☐

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type Spray on, ET/ETM, mass. msp

u/m

Sq/ft

Ln/ft

Project with multiple removals ☒

1st Check 1545 2nd Check 1615 3rd Check 1645 4th Check 1715 5th Check

Time of air sampling pump check

Notes

- Completed final visual @ approx 1215
- Did aggressive air tech. via low blow
- Set up pumps beginning @ 1504 @ 400m
- checked pumps system to insure operation - all good
- Broke down pumps after 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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ENVIRONMENTAL SERVICES, INC.

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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

04/1078

Job Ticket #

36424

Empire State Development Corporation

Client

Middtown Tower 5th and 10th floor

Building/Location

Cambridge

Work Area

Bill

Contractor

SI

Contractor Contact

Client Contact

Mark Smith
D. Park

Client Contact Phone

317 7294

Air Technician

Air Technician Phone

Fax Results To:

See Air Log

Fax #

Materials to be Removed

Rotometer #

Cassette Lot #

Project

Phase

Phase IB ☐

Backgrounds

Phase IIA ☐

Work Area Preparation

Phase IIB ☐

Asbestos Handling

Phase IIC ☐

Final Cleaning

Phase IIC ☒

Clearance Airs

* Env. ☐

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

Field Sample #	J-1	J-2	J-3	J-4	J-5	J-6	J-7	O-8	O-9	O-10	O-11	O-12	6'	6"
Pre-Calibrated Flow Rate	4	4	4	4	4	4	4	4	4	4	4	4		
Post-Calibrated Flow Rate	4	4	4	4	4	4	4	4	4	4	4	4		
Average Flow Rate	4	4	4	4	4	4	4	4	4	4	4	4		
Start Time Military Time	1504	1504	1505	1505	1505	1506	1506	1510	1511	1511	1512	1512		
End Time Military Time	1734	1734	1735	1735	1735	1736	1736	1740	1741	1741	1742	1742		
Duration (Minutes)	150													
Sample Volume (Liters)	600													

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	1061	2	3	4	5	6	7	8	9	10	11	12		
Fibers/100 Fields:	3	6	2	4.5	3	7	4	5	4.5	6	3	2		
Fibers/cc:	0.003	0.006	0.002	0.045	0.003	0.07	0.004	0.005	0.0045	0.006	0.003	0.002		

Samples Relinquished By:

D. Park

Date:

12/14/09

Received in Lab By:

11/15

Date:

12/14/09

Analyzed By:

11/15

Date:

12/14/09

Microscope Make, Model & #:

193674

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

V.M. 1061, 6, 7, 11, 12, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

White - Lab Original

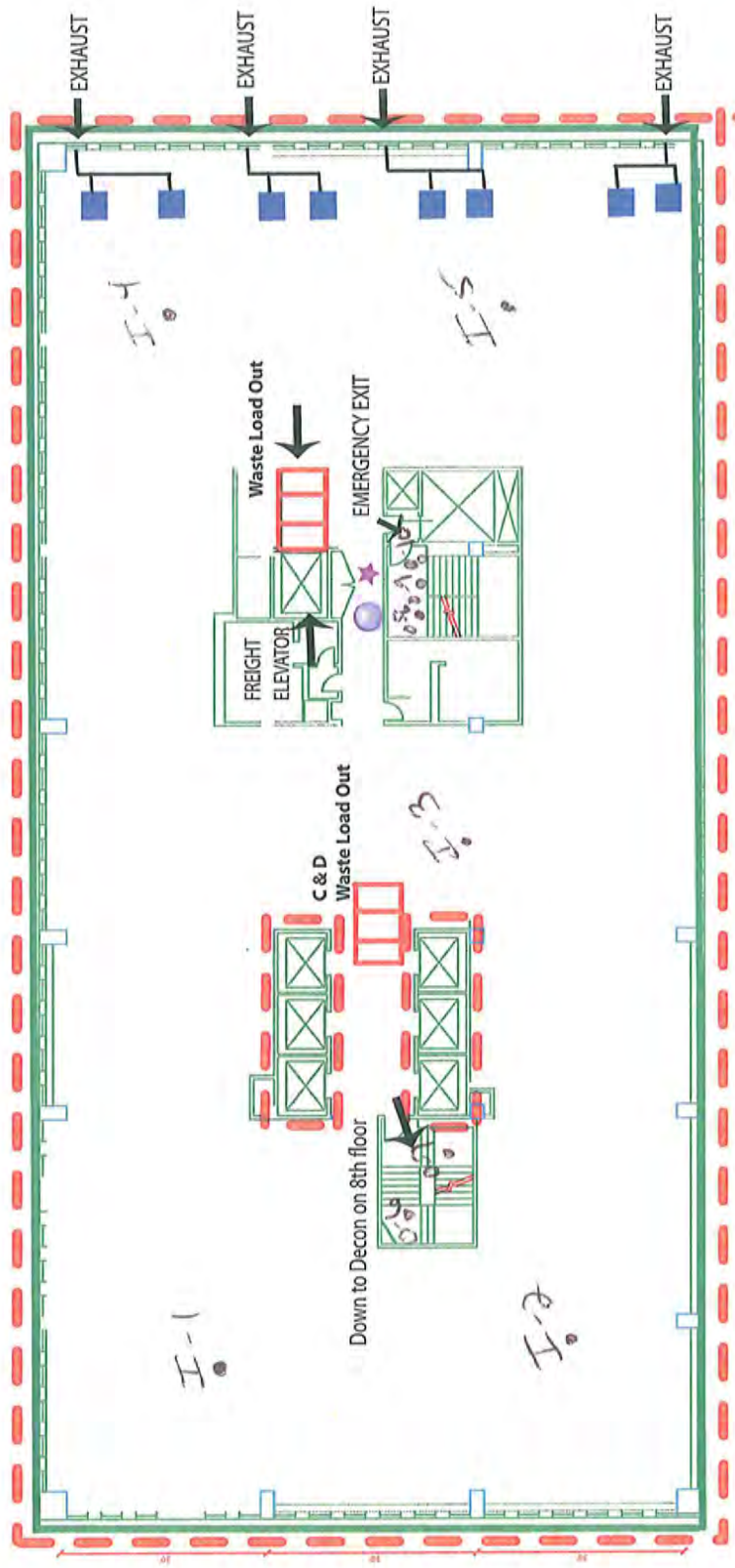
Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

Sample Locations & Maps

IB - BACK GROUND S



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

Critical Barriers: --- --- ---

Negative Air Machines: ■ 2 Units Stacked

Waste Load Out: Waste load out unit 2"x4" framing with 1/2" plywood 2 layers of 6mil fire retardant poly on walls & ceilings. 2 layers of 6mil fire retardant reinforced poly on the floors

Temporary Electric: ★

100 AMP GFCI Panel fed from 3rd floor

Temporary Water

Fed From 17th Floor

Typical Exhaust:

3/4" plywood sized to fit window

12" openings (4 units per window)

12" flex duct connecting NAM to Exhaust

workarea #3

MIDTOWN TOWER

9 th Floor Abatement Plan

Cambria Contracting

5105 Lockport Road
Lockport, NY 14094

Tel. 716-625-6690

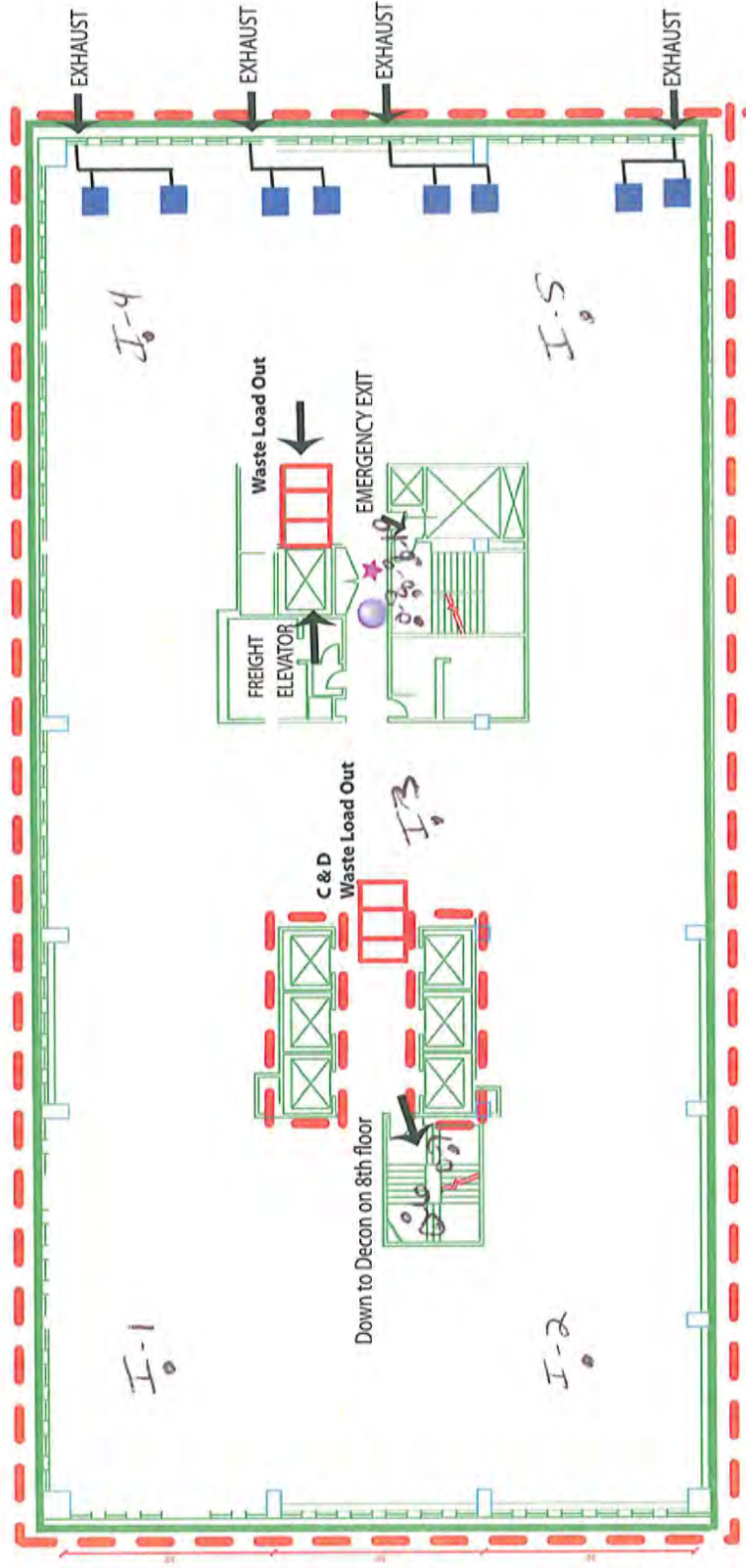
Drawn by

Scale

Date

as shown

IB- BACKGROUNDS



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

Critical Barriers: 2 Units Stacked

Negative Air Machines: 2 Units Stacked

Waste Load Out: Waste load out unit 2'x4" framing with 1/2" plywood 2 layers of 6mil fire retardant poly on walls & ceilings. 2 layers of 6mil fire retardant reinforced poly on the floors

Temporary Electric:

100 AMP GFCI Panel fed from 3rd floor

Temporary Water

Fed From 17th Floor

Typical Exhaust:

3/4" plywood sized to fit window

12" openings (4 units per window)

12" flex duct connecting NAM to Exhaust

work area #3

MIDTOWN TOWER
10 th Floor Abatement Plan

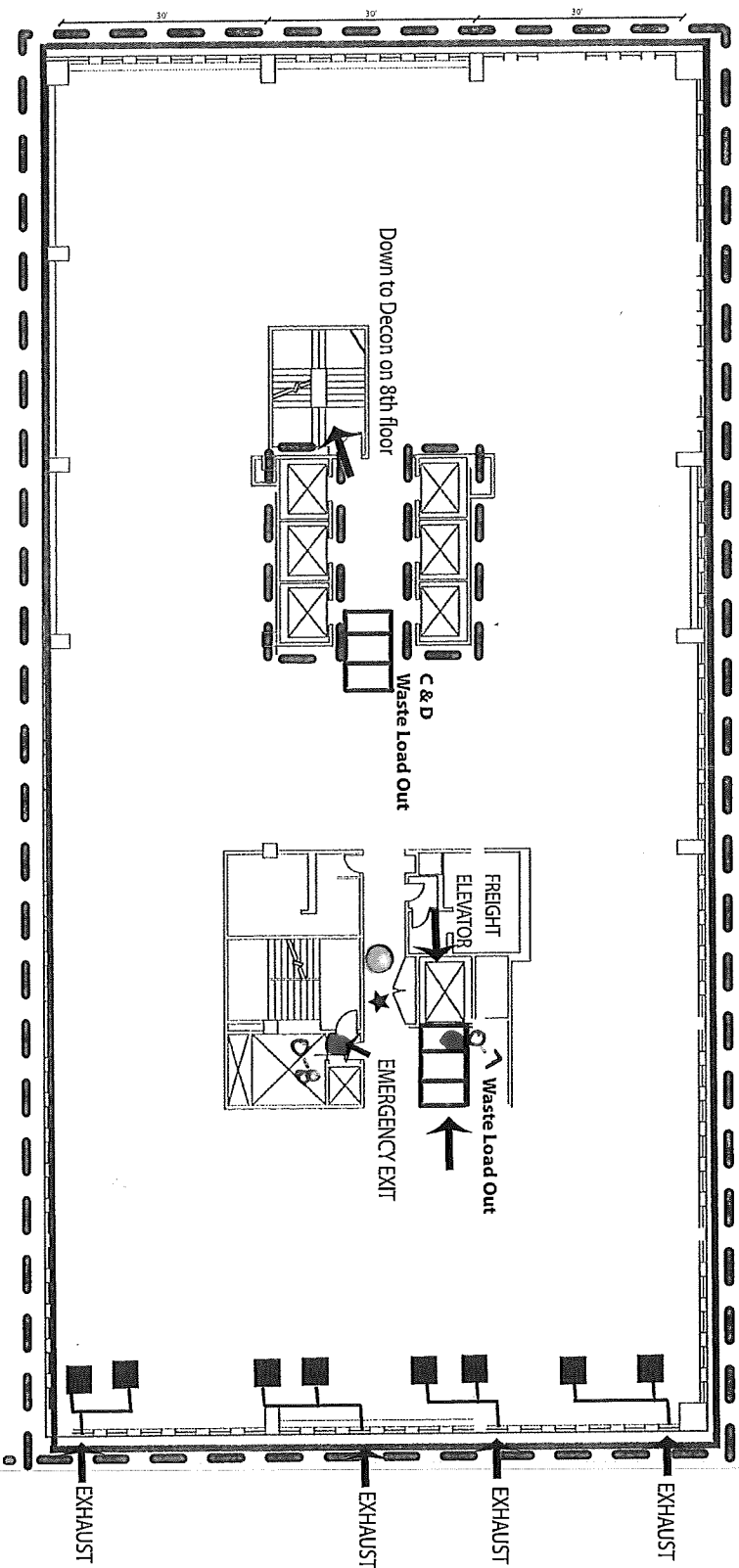
Cambria Contracting
5105 Lockport Road
Lockport, NY 14094
Tel: 716-625-6690

Drawn by
Scale
Date

as shown

10

10/11/09 → 11/12/09



4 foot 6mil Fire Retardant Poly installed from the floor

☐ **Yes**
☐ **No**
☐ **Don't know**

lines:  2Un

Waste Load Out: Waste load out unit 2"x4" framing with 1/2" plywood 2 layers of 6mil fire retardant poly on walls & ceilings. 2 layers of 6mil fire retardant reinforced poly on the floors



100 AMP GFCI Panel fed from 3rd floor

Fed From 17th Floor

Typical Exhaust:

3/4" plywood sized to fit window

12" openings (4 units per window)

12" flex duct connecting NAM to Exhaust

workarea #3

MIDTOWN TOWER

9th Floor Abatement Plan

Cambria Contracting

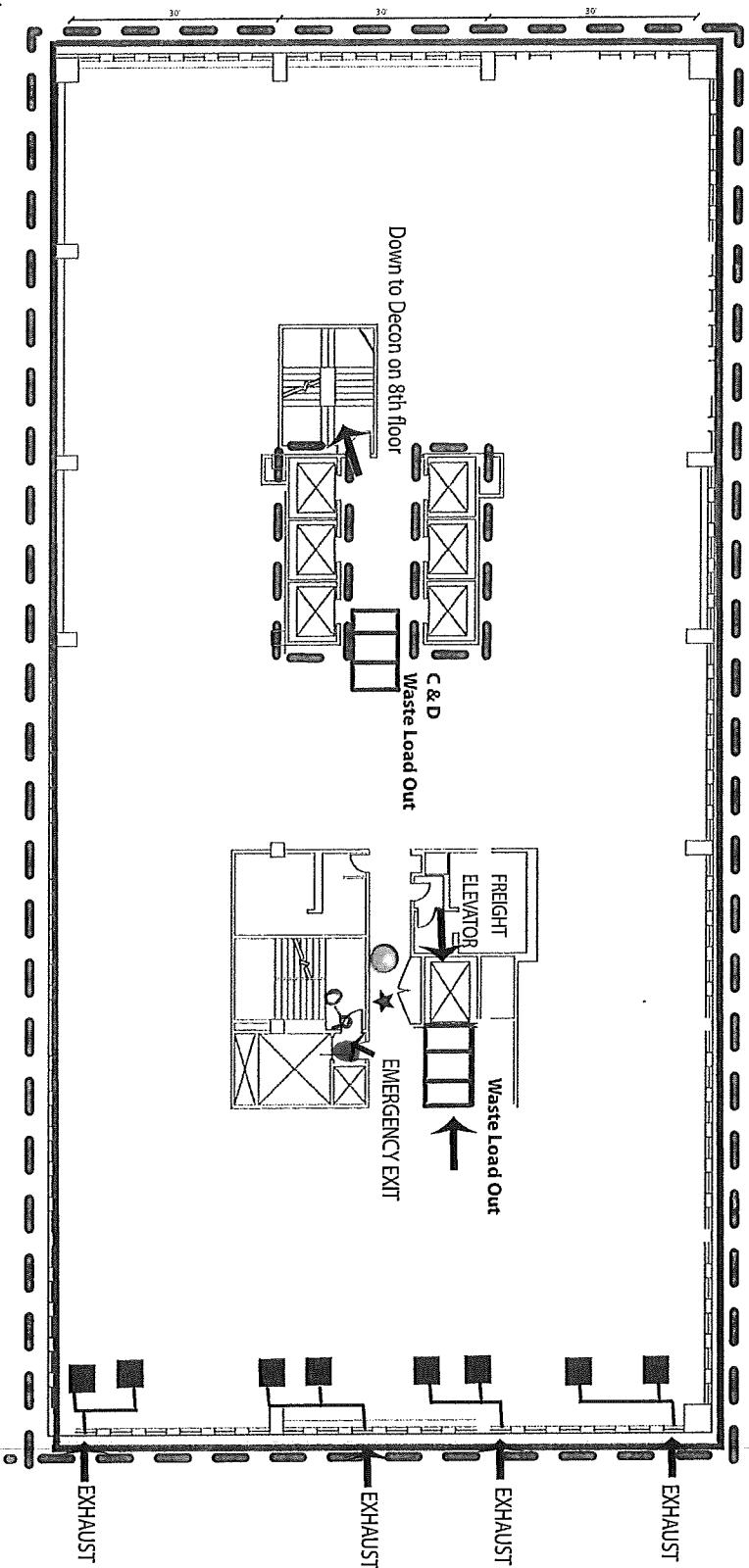
5105 Lockport Road
Lockport, NY 14094 Tel. 716-625-6690

Drawn by

Scale

as shown

Data



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

Critical Barriers: — — — — —

Negative Air Machines: ■ 2 Units Stacked

Waste Load Out: Waste load out unit 2'x4" framing with 1/2" plywood 2 layers of 6mil fire retardant poly on walls & ceilings. 2 layers of 6mil fire retardant reinforced poly on the floors

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

Temporary Water: ●
Fed From 17th Floor

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

work area #3

MIDTOWN TOWER

10 th Floor AbatementPlan

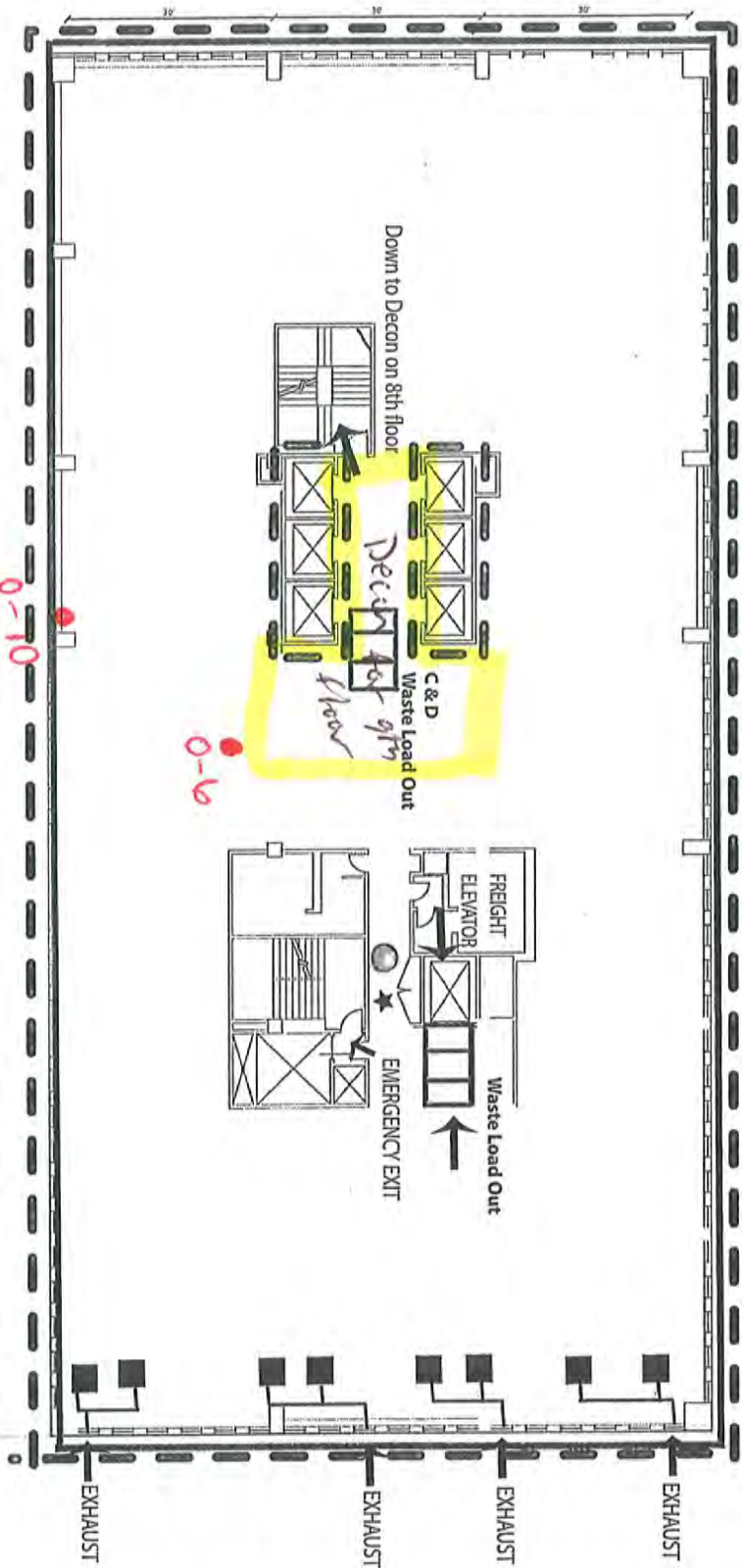
Cambrria Contracting

5105 Lockport Road
Lockport, NY 14094 Tel: 716-625-6690

Drawn by

Scale as shown
Date

10



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

Critical Barriers: — — — —

Negative Air Machines: ■ 2 Units Stacked

Waste Load Out: Waste load out unit 2'x4' framing with 1/2" plywood 2 layers of 6mil fire retardant poly on walls & ceilings. 2 layers of 6mil fire retardant reinforced poly on the floors

Temporary Electric: ★

100 AMP GFCI Panel fed from 3rd floor

Temporary Water ●

Fed From 17th Floor

Typical Exhaust:

3/4" plywood sized to fit window

12" openings (4 units per window)

12" flex duct connecting NAM to Exhaust

MIDTOWN TOWER

8 Floor Abatement Plan

Cambria Contracting

5105 Lockport Road
Lockport, NY 14094
Tel: 716-625-6680

Drawn by

Scale as shown

Date



4 foot 6mil Fire

11

2 Units Stacked

★

d from 3rd floor

Radial Exhaust:

lywood sized to fit window
enings (4 units per window)

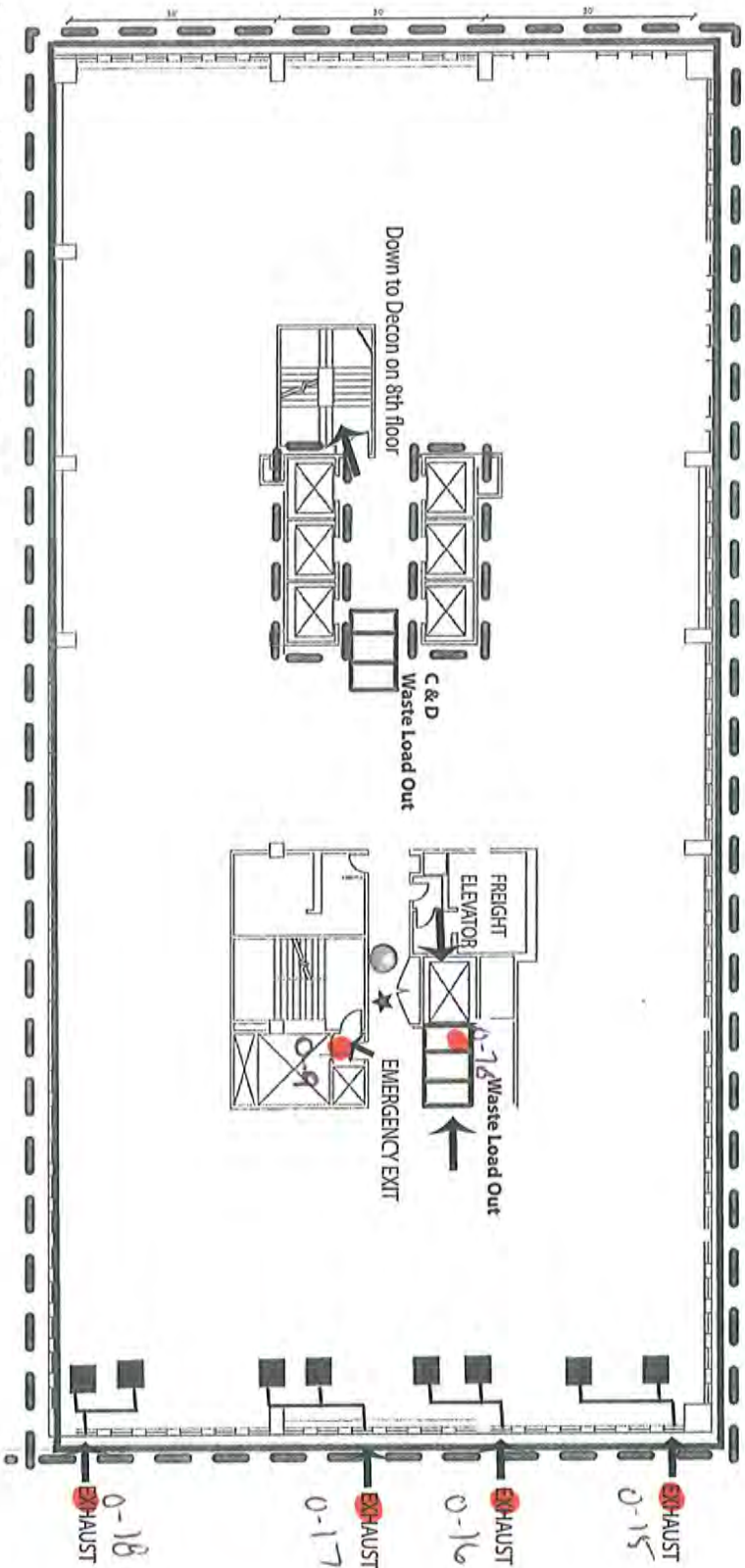
Product connecting NAM to Exhaust

workarea #3

Drawn by

Date	Score	Comments
10/10/11	100	100% correct
11/10/11	100	100% correct
12/10/11	100	100% correct
13/10/11	100	100% correct
14/10/11	100	100% correct
15/10/11	100	100% correct
16/10/11	100	100% correct
17/10/11	100	100% correct
18/10/11	100	100% correct
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28/12/11	100	100% correct
29/12/11	100	100% correct
30/12/11	100	100% correct
31/12/11	100	100% correct

9



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

Critical Barriers: — — — — —

Negative Air Machines: ■ 2 Units Stacked

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

Temporary Electric: ★

100 AMP GFCI Panel fed from 3rd floor

Temporary Water ●

Fed From 17th Floor

Typical Exhaust:

3/4" plywood sized to fit window

12" openings (4 units per window)

12" flex duct connecting NAM to Exhaust

Work area #3

MIDTOWN TOWER

10 th Floor Abatement Plan

Cambria Contracting

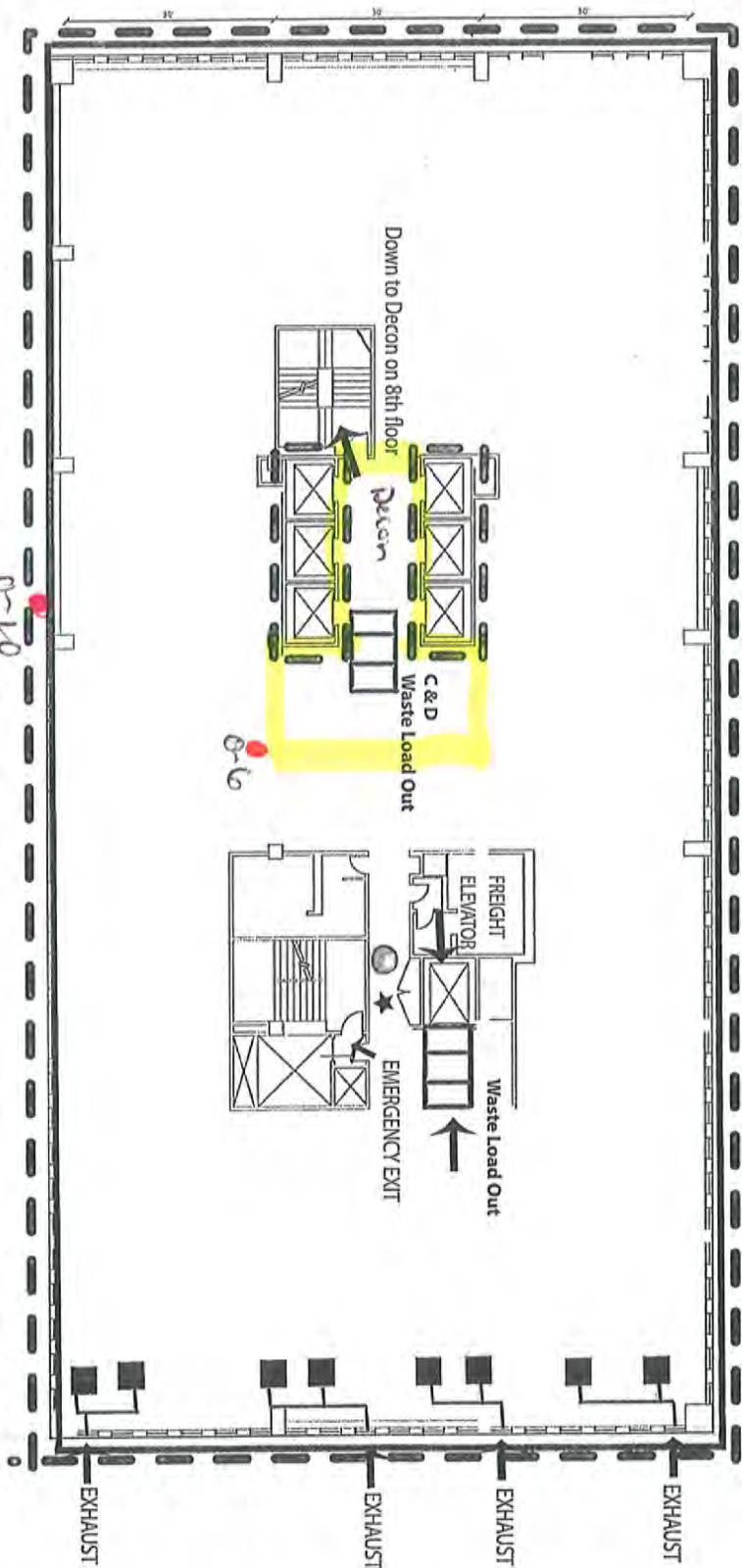
5105 Lockport Road
Lockport, NY 14094
Tel. 716-625-6690

Drawn by

Scale

Date

as shown



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

Critical Barriers: — — —

Negative Air Machines: ■ 2 Units Stacked

Waste Load Out: Waste load out unit 2'x4' framing with 1/2" plywood 2 layers of 6mil fire retardant poly on walls & ceilings. 2 layers of 6mil fire retardant reinforced poly on the floors

Temporary Electric: ★

100 AMP GFCI Panel fed from 3rd floor

Temporary Water: ●

Fed From 17th Floor

Typical Exhaust:

3/4" plywood sized to fit window

12" openings (4 units per window)

12" flex duct connecting NAM to Exhaust

MIDTOWN TOWER

Floor Abatement Plan

Cambria Contracting

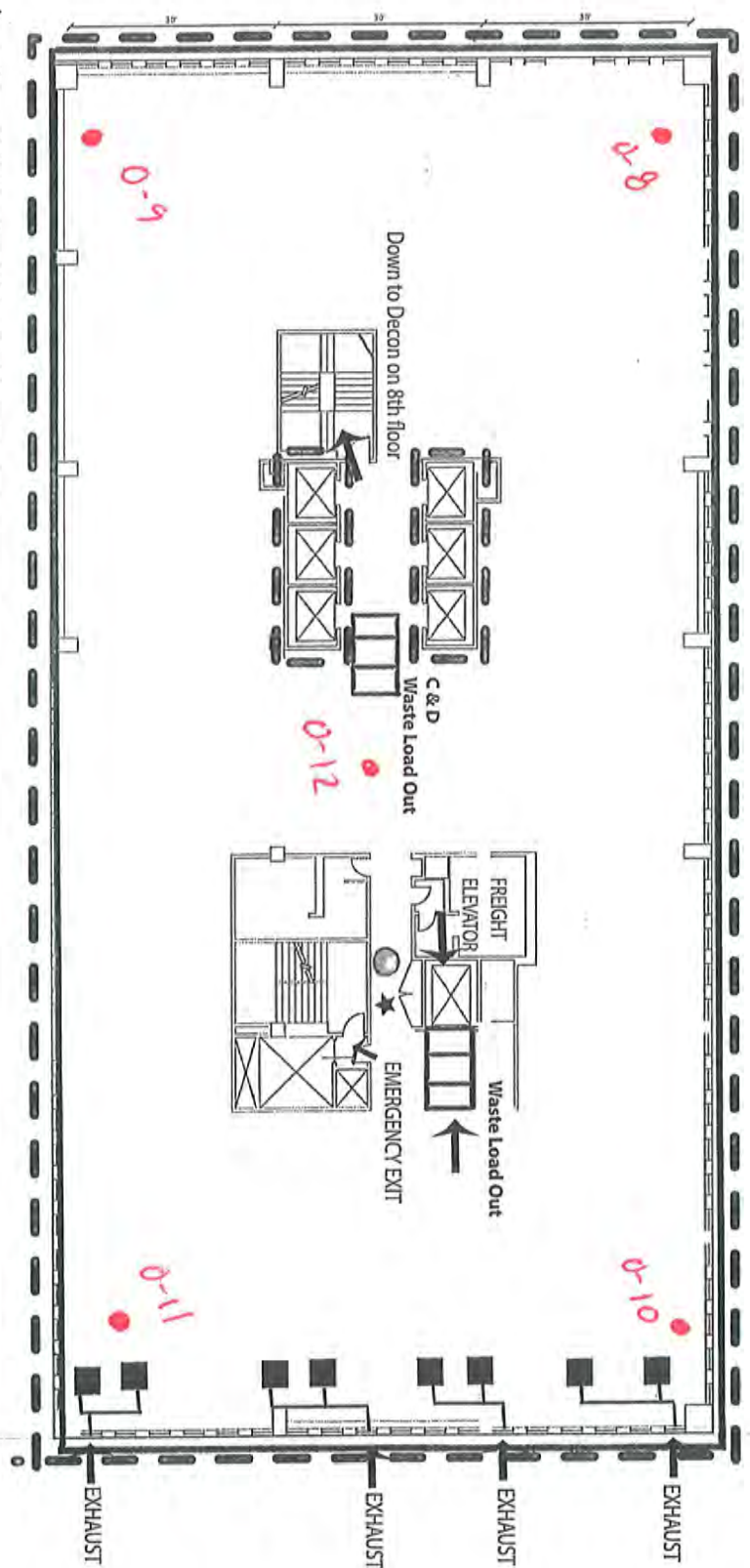
5105 Lockport Road
Lockport, NY 14094
Tel: 716-625-6690

Drawn by

Scale as shown

Date

final Air Samples 9th and 10th floor
 12/19/01
 • Sample location



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

Critical Barriers: — — — — —

Negative Air Machines: ■ 2 Units Stacked

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100 AMP GFCI Panel fed from 3rd floor

Temporary Water: ●

Fed From 17th Floor

Typical Exhaust:

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MIDTOWN TOWER

Floor Abatement Plan

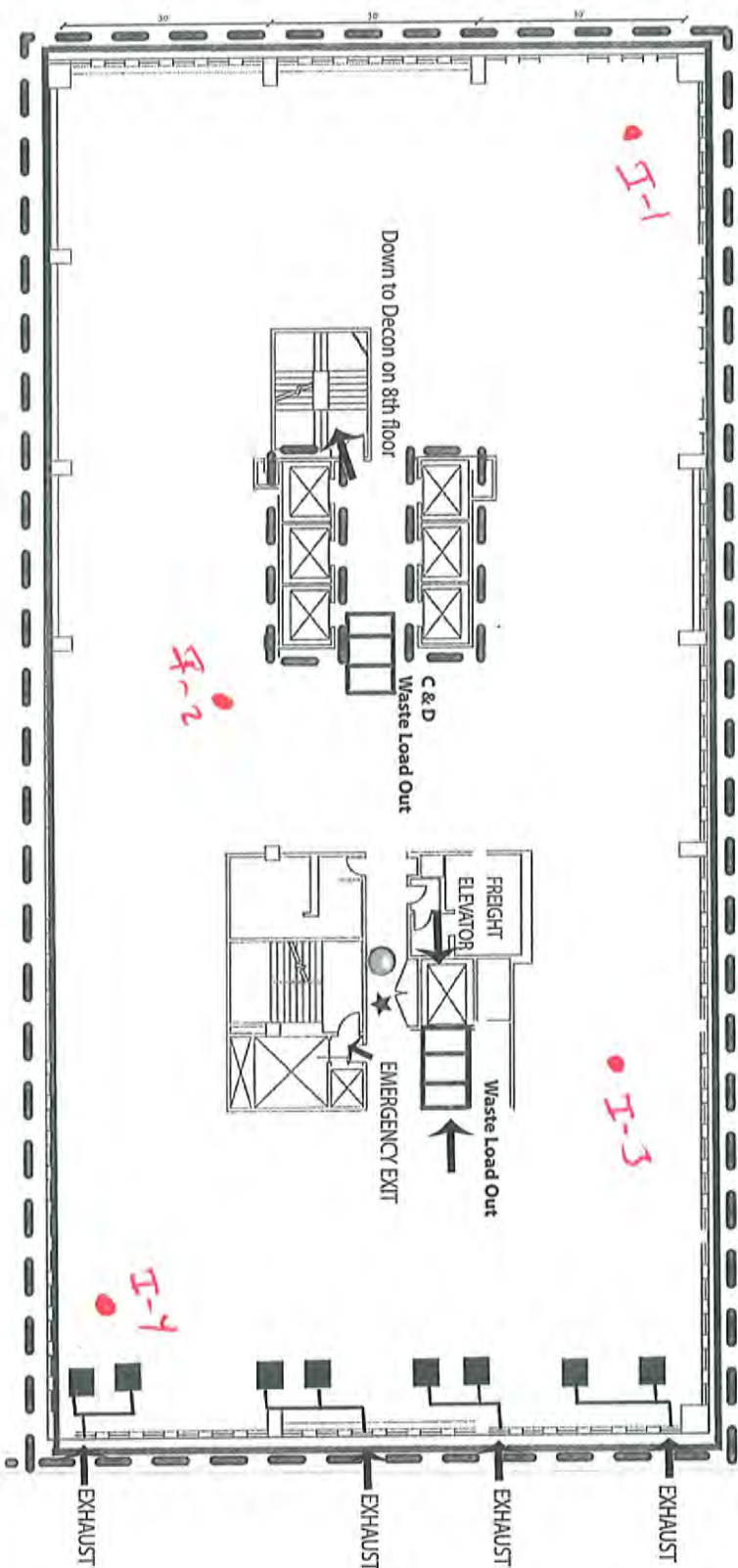
Cambria Contracting

5105 Lockport Road
 Lockport, NY 14094
 Tel: 716-625-6690

Drawn by
 Scale
 Date

as shown

Final Air Samples 9th and 10th floor
 12/14/09 • Sample Location



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

Critical Barriers: — — — —

Negative Air Machines: ■ 2 Units Stacked

Waste Load Out: Waste load out unit 2'x4' framing with 1/2" plywood 2 layers of 6mil fire retardant poly on walls & ceilings. 2 layers of 6mil fire retardant reinforced poly on the floors

Temporary Electric: ★

100 AMP GFCI Panel fed from 3rd floor

Temporary Water ●

Fed From 17th Floor

Typical Exhaust:

3/4" plywood sized to fit window

12" openings (4 units per window)

12" flex duct connecting NAM to Exhaust

workarea #3

MIDTOWN TOWER

9 th Floor AbatementPlan

Cambria Contracting

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

Drawn by

Scale

Date

as shown

P.M. Logs & FVI
Misc. Sampling



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Dave Parker

DATE: 9/9/09

Contract #

Liro Job #:

HOURS: 0500- 1730

TASK: PM

TIME	ACTIVITY
0500	On site early to run background air samples.
0515	Set up 5 inside pumps and 5 outside pumps on the 9th and 10 th floors of the Midtown Tower beginning at 0515.
0700	Ted Tronnes on site with 2 additional envoy employees. Matt Popen and Brandon are on site to run backgrounds and PM in the Mccurdy's Building. Spoke with all Envoy personnel for work plan and expectations.
0745	Broke down background air samples after achieving 600 liters of air. Backgrounds in the tower are now complete on 9 thru 17 and the 4 th floor.
0830	Transported bulk MJP sample from Darryl and background air samples to paradigm for analysis. -MJP sample came back as ACM.
0930	Spoke with Darryl and Bill for the day's work plan. Bill said crews should complete the decon today and begin prepping the 12 th , 13 th and 14 th floor.
1000	Toured the Tower to get a grasp on where the workers were and what they were doing. 5 workers were building the decon on the 11 th floor. 5 workers were cleaning up debris on the 17 th floor. On the 3 rd floor a crew of 4 workers is pulling carpet up. Also a demo crew on the 6 th floor is doing selective demo. No asbestos is being impacted in any area of the tower. Crews now know to leave the bathroom walls alone in order to prevent disturbing MJP and creating a separation in the ceiling.
1100	Meeting with Darryl and Mike from LiRo and all Envoy personnel to discuss job responsibilities and expectations. All parties fully understand what is expected of us.
1215	Cambria crew that is building the decon said they are finished and would like me to inspect the decon to insure it is up to code rule standards. After a close inspection of the decontamination unit I found it is fit for a crew of approx. 30 people. I asked the crew to post asbestos warning signs on the unit and apply proper caution tape around unit. This was done. Also the crew asked if they could use the top of the lockers as a shelf for respirators. I told them this was ok as long as they posted a sign stating that the shelf is for respirator purposes only and no other supplies (I.e. towels or clothing) were to be stored here. This was also done and I will be keeping a close eye to insure it is obeyed.
1230	5 Prep air samples (phase IIA) were set up around area. Sample 0-6 was set up directly outside of the decontamination unit. Sample 0-7 was put outside of the freight elevator that will be used as a waste out. Samples 0-8 and 0-9 and in the stairwells by the elevators. Sample 0-10 was placed near a window on the 11 th floor. See map for exact locations as they apply to the surrounding building.

1245	Lunch
1330	Toured the tower to check on work being done and work completed. All clean up and demo completed was found to have impacted no asbestos. I have no concerns with the work being done at this time. Work currently being done on the 12 th , 13 th and 14 th floor area includes 7 workers prepping the 14 th floor and 12 workers prepping the 13 th floor. I told workers that old cork boards attached directly to the wall and small mirror stickers (mirrors without mastic underneath) were to be plasticized due to the inability to properly clean them. Also the crews applying plywood to the active elevators were told to stud the doors 16 inches to center; this will prevent anyone in the elevator from accidentally coming in contact with the active work area.
1445	On the 16 th floor of the tower an Otis Elevator employee was drilling into the middle door of the passenger elevator when he came upon what he thought to be a suspect material. Darryl from LiRo then took a sample of the material to be analyzed by paradigm. The hole was then immediately closed with duct tape to insure no other materials got out. - Results for this material were not obtained by day's end.
1600	Discussed variance with Ted Tronnes and Bill (Cambria). Rob Barr to come on sight in the near future to further discuss the variance and its usage as it pertains to this job.
1700	Crews all still in the same locations (prepping 13 th and 14 th floors) as they were at 2pm. Progress is good and work is up to code rule 56 standards.
1730	Broke down prep air samples. Submitted samples to paradigm for analysis. Off Site.



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Dave Parker

DATE: 11/11/09

Contract #

Liro Job #:

HOURS: 0700-1730

TASK: PM

TIME	ACTIVITY- Midtown Tower
0700	Set up 5 prep air samples for 9 th and 10 th floor area. 1 sample was set up at the personal decontamination unit. 1 sample was set up at the waste decon on the 9 th floor. 1 sample is set up on the 8 th floor out a window on the south side of the floor. The last 2 samples are set up in the east stairwell on the 9 th and 10 th floor. All samples were set up at 3 LPM and will be ran daily throughout duration of removal.
0800	Crew is currently split between the 9 th and the 10 th floor. Crew is installing negative air machines on these floors and will finish shortly. All negative airs are on the east end of the floor being exhausted out the windows. Air pumps will be hung from the roof upon completion of installation to monitor air being exhausted from the machines. When the crew finishes installing negative air machines they will begin to remove ceiling tiles. Ceiling tiles will be wet wiped and vacuumed to insure no contamination. Crew will take any tile with water damage out as ACM waste. Also tiles with fiber glass backing will be removed as ACM waste.
0930	Crew has finished installation of micro traps and will now begin remove ceiling tiles from the 9 th floor and light fixtures from the 10 th floor. Currently there are 5 workers outside of the area removing tiles being taken out as non ACM, there are 12 workers on the 9 th floor removing ceiling tiles and 12 workers on the 10 th floor removing light fixtures.
1000	In area on the 9 th floor to inspect all tiles being taken down. I am insuring that crew is properly cleaning all tiles as per their variance. Also while in the area I inspected all tiles to see if they need to be disposed of as ACM (all tiles taken as ACM were mapped and quantified. See map for details).
1100	Crew on the 10 th floor is approx. 45% complete with light fixture removal. The 9 th floor is approx. 50% complete with removal of ceiling tiles.
1200	Lunch and paperwork.
1300	Back in area to inspect all tiles being taken down. Crew is still split between 9 th and 10 th floor with 5 guys removing tiles from the area. At 1400 crew was 80% complete with light fixtures on the 10 th floor and 90% complete with removal of ceiling tiles on the 9 th floor. Crew will soon finish removal of ceiling tiles on the 9 th floor and will begin to remove the ceiling grid.
1500	Crew has finished with removal of ceiling tiles on 9 th floor and is now approx. 15% complete with the removal of the ceiling grid. On the 10 th floor to inspect removal of ceiling tiles. Crew has finished removing light fixtures and is beginning to clean all tiles being taken down.
1600	Crew is 65% complete with removal of ceiling grid on the 9 th floor and 45% complete with removal of ceiling tiles on 10 th floor by the end of the day. Workers will resume take down of ceiling systems tomorrow morning.



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Ted Tronnes

DATE: 11-11-09

Contract #

Liro Job #:

HOURS: 0700-1730

TASK: P.M.

TIME	ACTIVITY <i>Midtown Mall & Tower, Euclid, and B. Foreman</i>
0700	On site. Helped Brandon with man lift.
0745	Talked to Darryl and Bill B. about issue with no paperwork on Euclid Bldg. 2 nd floor regarding the fire proofing.
0800	Talked to Skip and all workers piled out of Euclid except for 2 workers. 2 workers are putting up walls around chute and 1 st floor doorway.
0815	Office for paperwork.
0850	Over to the Mall to check on work. On way, Darryl stated that Cambria has waste outs for C&D debris at passenger elevators. This is not to the work plan. Darryl spoke to Bill B. as well and told him, he would have to change the work plan if he is going to deviate from that plan.
0915	Went up to 9 th and 10 th floor containment.
0930	Out of containment. Told Sergiy to make sure all fiberglass ceiling tiles are removed as ACM.
0935	Talked with Darryl about a kick out panel for stairwell emergency exit for 9 th and 10 th floor containment. Right now they put up a double layer poly wall. Needs to have hard wall in place. Told Sergiy and Dave P.
0940	In 2D containment.
1025	Out of containment. Found couple of small holes in floor with Brandon. Told Andy and he started to seal holes while we were still inside.
1040	Talked to Bill B. about containment.

<i>1100</i>	Talked to Tom F. about Euclid Bldg. and B. Foreman work.
<i>1200</i>	Skip overseeing Dalrymple in B. Foreman Bldg. Skip and Dalrymple supervisors came to the Cambria office to ask questions on building. Tom F., Bill B., and I answered questions.
<i>1230</i>	Lunch
<i>1300</i>	At office for paperwork.
<i>1400</i>	Over to the Mall to check on 2A containment. On the way over Skip called me and told me that workers in B. Foreman are removing floor carpet on 4 th floor. Called Darryl and told him of situation. Darryl and I met up in Tom F. office and Tom said that they are only to remove movable objects. Tom F. told Jim of Dalrymple.
<i>1430</i>	In 2A containment.
<i>1530</i>	Out of containment. Talked to Rene about cleaning walls, columns, decking, pigeon holes, and floors once more.
<i>1600</i>	Over to office to finish up paperwork.
<i>1700</i>	Headed over to the Mall to help Brandon with the man lift.
<i>1730</i>	Off site.



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Dave Parker

DATE: 11/12/09

Contract #

Liro Job #:

HOURS: 0700-1730

TASK: PM

TIME	ACTIVITY- Midtown Tower
0700	On site/ set up all IIB air samples. Same 5 samples as yesterday were set up with the addition of negative air samples. Crew has 16 negative air machines on each floor banked into 4 banks. 4 negative air banks per floor require air monitoring. I have 8 air pumps set up to monitor all exhausted air for a total of 14 total pumps to monitor all air for the 9 th and 10 th floor.
0830	Currently workers are on the 9 th and 10 th floor continuing removal of all ceiling systems <ul style="list-style-type: none">- 6 workers outside area loading out ceiling tiles- 2 workers on the 9th floor removing remainder of ceiling grid- 21 worker finishing removal of ceiling tiles on the 10th floor.
0900	On the 10 th floor to inspect ceiling tiles as workers bring them down. All tiles are being vacuumed and wet wiped as per the variance.
1000	Crew on the 10 floor is approx 90% complete with removal of ceiling tiles and grid work. Workers on the 9 th floor have completed removal of all ceiling systems on the 9 th floor and are now loading out all debris. 57 2 x 2 ceiling tiles have been removed from the 9 th floor area as ACM. On the 10 th floor the crew has removed 78 2 x 2 ceiling tiles as ACM.
1130	Crew on the 10 th floor has finished removal of all ceiling systems. The crew has now spilt up between the 9 th and 10 th floor to begin removing ductwork and above ceiling pipes. The crew will apply poly to all critical barriers they come across during this process. The manometer will be checked frequently to insure pressure does not dip below -0.02.
1230	Lunch and paperwork.
1330	Currently the crew appears to be split between the 9 th and 10 th floor. Some workers on the 9 th floor are removing ductwork and others have begun demo of exterior columns. Crew is being careful not to disturb the columns incase any overspray is found. On the 10 th floor the crew continues to remove ductwork and above ceiling pipes.
1500	In area to insure above ceiling demo and column demo do not disturb any asbestos. I have no concerns with demo at this time. Crew is being very careful not to disturb and potential debris.
1630	Spoke with Mark D and Sergiy about progress in area and the crews plan with demo and protection.
1700	Broke down all IIB air samples. All pumps were 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: 11/16/09

Contract #

Liro Job #:

HOURS: 0700-1730

TASK: PM

TIME	ACTIVITY- Midtown Tower
0700	On site / set up all phase IIB air samples for 9 th and 10 th floor. All samples are in the same locations as previously stated.
0800	<p>The 9th and 10th floor area consists of a 30 worker crew and 2 supervisors. Workers are currently split between the 9th and 10th floor with a few workers outside the area loading out. Currently there are:</p> <ul style="list-style-type: none">- 3 workers outside containment loading out C&D waste.- 15 worker on the 10th floor doing demo around perimeter columns and ductwork above ceiling- 11 workers on the 9th floor doing above ceiling protection of critical created during removal of ductwork.
0900	<p>In area to observe 10th floor demo and 9th floor protection. While in area I want to make sure crew is covering all possible critical barriers that lead to outside of the regulated area. These areas include ceiling on 10th floor and floor on 9th floor. All wall and stairwell critical barriers are in place and appear up to code. I am not as concerned with areas such as the floor on the 10th floor because it leads into the 9th floor which is also under containment. Holes or penetrations that appear on the ceiling of the 9th floor or floor of the 10th were checked to insure no materials can become lodged within any penetrations. All penetrations that stay within the work area appear to be cleanable surfaces. While in the area I noticed that piping in the old restrooms lead to lower floor and have space around them that will need to be addressed. Crew immediately began to use spray foam on these areas in order to seal the spots around the pipes. No others penetrations were found in my tour of the area.</p>
1030	<p>Went to the 11th floor to check for any potential penetrations into the contained area below. While on the 11th floor I noticed the pipes from the restrooms created the same type of penetration as they did on the 9th floor. I notified Mark D. about this and he immediately sent a worker up to the 11th floor to spray foam these penetrations.</p>
1130	<p>Spoke with Green Earth crew about their plan for mastic removal on the 12th, 13th and 14th floors. The crew is now building a decon unit around the truck and assembling piping to be used for waste removal from the area. The crew plans on being in the area Thursday or Friday to begin in area set up and removal. Crew will then be on each floor for approx. 2 days water blasting the mastic on all 3 floors. Once set up the crew should be in this area for 6 or 7 working days.</p>
1230	Lunch and paperwork.
1400	<p>Workers on 9th and 10th floor will be in same locations after lunch as they were before. Workers will continue demo of columns and ductwork on the 10th floor and above ceiling protection on the 9th floor. Crew on the 10th floor was told they must seal any penetrations they</p>



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Dave Parker

DATE: 11/17/09

Contract #

Liro Job #:

HOURS: 0700-1730

TASK: PM

TIME	ACTIVITY- Midtown Tower
0700	On site/ set up all phase IIB air samples for 9 th and 10 th floor area. All pumps were set up at 3 LPM in the same locations as previously stated. No work today on floors 12, 13 and 14 so no air samples will be set up for this area.
0800	There is currently a crew of 29 workers and 2 supervisors on the 9 th and 10 th floor. Workers in the area have not begun any abatement on these floors yet. Currently there are: <ul style="list-style-type: none"> - 3 workers outside containment loading out C&D waste - 25 workers on the 10th floor to complete above ceiling demo of ductwork and pipes - 1 worker doing misc work throughout area
0900	Crew is mostly on the 10 th floor to concentrate on finishing demo of ductwork and pipes above the ceiling level. Upon completion of demo crew will continue to apply poly in all necessary locations on the 9 th and 10 th floor.
0945	In area to insure all ductwork and pipes are being properly decontaminated before leaving the area. The crew is allowed to take these materials out of the area as C&D as long as they clean them down. Crew is doing this as they are supposed to therefore I have no reason to believe there is any contamination caused by ductwork or pipes.
1030	Crew is approx. 95% complete with above ceiling demo on the 10 th floor and should be complete before lunch.
1130	Spoke with Mark D. and Bill B. about crews plan for removal of ACM materials on the 9 th and 10 th floor. I was told that the crew will begin on the 10 th floor scrapping all beams and deck. Upon completion of scrapping crew will begin scrapping the 9 th floor with a small crew beginning to power wash on the 10 th floor. When the crew on the 9 th floor is complete scrapping they will join the crew on the 10 th floor with the power washer and work their way to the 9 th floor. After completion of power washing crew will clean up area and prep it for non- friable removal and water blasting stage.
1230	Lunch and paperwork.
1330	Crew on the 10 th floor has finished with above ceiling demo and will now continue to apply protection where needed. Crew has also split between the 9 th and 10 th floor. Currently there are: <ul style="list-style-type: none"> - 3 workers outside containment doing misc. work - 10 workers on the 10th floor continuing to apply necessary protection - 16 workers on the 9th floor also continuing to apply protection
1500	Workers are approx. 85% complete with all protection and will finish by the end of the day. Workers will stay in same area for remainder of the day. Upon completion of protection crew will clean up and set up lifts and scaffold to be used during bulk removal.

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



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Dave Parker

DATE: 11/18/09

Contract #

Liro Job #:

HOURS: 0700-1730

TASK: PM

TIME	ACTIVITY- Midtown Tower
0700	On site/ set up all Phase IIB air samples for 9 th and 10 th floor area. All samples were set up at 3 LPM. Samples are in same locations as previously stated. No work is being done inside 12 th , 13 th and 14 th floor area so no samples were set up on that area today.
0800	Workers are currently on 9 th and 10 th floor. Currently there are: <ul style="list-style-type: none"> - 6 workers on the 9th floor cleaning remaining demo debris - 23 workers on the 10th floor beginning bulk removal of spray on fireproofing. There are still 29 workers and 2 supervisors for the 9 th and 10 th floor area.
0900	In area to inspect work being done. On the 10 th floor there are 8 groups of 2 workers on scaffolds and lifts scrapping beams and deck. There are 2 workers wetting all materials while remaining workers are shoveling fireproofing off the floor and containerizing materials. Workers are in multiple locations but are pretty much working west to east on the 10 th floor. I have no concerns with removal at this time.
1000	Spoke with Mark D. about what workers on the 9 th floor will do when they complete cleanup of debris. Workers will move to the 10 th floor to assist with the removal of fireproofing.
1100	Back in area to check in on progress. Workers have completed cleanup on the 9 th floor and now there are 26 workers removing material on the 10 th floor. While in the area I noticed that materials that were scrapped have begun to pile up on the floor. I told Mark and Sergiy that more workers need to be cleaning and containerizing materials to insure materials don't sit around too long. All materials are staying wet but need to be put into Gaylord boxes faster. 2 workers stopped scrapping and began to clean and containerize to remedy this potential problem.
1230	Lunch and paperwork.
1330	Workers are approx. 30% complete with bulk removal of fireproofing on the 10 th floor.
1415	Currently there are 3 workers outside of containment doing misc. work and 26 workers continuing removal on the 10 th floor. Workers have begun to containerize materials faster and the floor is staying as clean as possible.
1530	Toured surrounding floors and stairwells to insure there are no leaks or penetrations. All areas surrounding the work area seem to be properly sealed and no leaks were found. I also checked the manometer which read -0.063 which tells me that the area is under proper negative pressure.
1630	Crew is approx. 55% complete with bulk removal on the 10 th floor and will continue removal tomorrow. Crew will begin to shower out of area at 1700.
1700	Began to break down all phase IIB air samples. Pumps were 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: 11-18-09

Contract #

Liro Job #:

HOURS: 0700-1730

TASK: P.M.

TIME	ACTIVITY <i>Seneca and Midtown Tower</i>
0700	On site.
0715	Talked with Brandon about work updates. Talked with Byron about Seneca updates.
0745	Over to the office to drop off equipment and grab extra rope for pulley system.
0800	Mike stated that in yesterdays meeting that Marty approved Dalrymples general removal work plan. Mike still has not been given a copy of the revised work plan. He is going to get a hold of Kris and get copies for all of us. Darryl stated that Bob C. told him that Envoy was to take samples of pigeon holes in Mall and Tower today or tomorrow.
0820	Over to the Seneca Bldg. to set up ropes for pulley system. Found out that Marcor never opened windows on the 4 th floor for us. Also found out that Marcor did not use the 1 st 6 windows with each having a bank of 5 negative air exhausts. Instead they have the window open which divides it into 3 openings with 2 sets of negative air exhausts in each. Byron needs to drill more holes for anchors now.
1000	Over to the office to start paperwork and install safety latches on battery pumps.
1030	New employee, Josh, on site. Only here for documentation review and observation of work. Not charging client.
1045	Josh in office and went over field rules.
1115	Continued installation of safety latches.
1200	Lunch
1230	Byron and Josh to drill more holes in Seneca roof for anchors.

<i>1300</i>	Brought Josh down to Dave W. for safety orientation.
<i>1330</i>	Sent Josh to observe with Brandon.
<i>1335</i>	Talked to Tom F. about sampling in Tower and Mall tomorrow by Raj. Darryl came in Tom F. office and we discussed that Tom F. is having sampling completed by RFI 011 response from Nov. 4 th .
<i>1430</i>	Check on Skip with B. Foreman work.
<i>1500</i>	Over to office for paperwork and IT call for computers on site.
<i>1700</i>	Helped Brandon with man lift.
<i>1730</i>	Off site.



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Dave Parker

DATE: 11/19/09

Contract #

Liro Job #:

HOURS: 0700-1730

TASK: PM

TIME	ACTIVITY- Midtown Tower
0700	On site/set up all Phase IIB air samples for 9 th and 10 th floor area. Samples were set up at 3 LPM and are all in same locations as previously stated. No work is being done in 12 th , 13 th and 14 th floor area today so I did not set up air samples.
0800	Today there is a crew of 28 workers and 2 supervisors on the 9 th and 10 th floor area. Crew is in bulk removal stage. Currently there are: <ul style="list-style-type: none"> - 25 workers on the 10th floor continuing to scrap fireproofing off of beams and deck. - 1 worker outside containment doing misc. work - 2 workers on the 9th floor wetting material to prep the beams and deck for abatement.
0930	On 10 th floor to check progress and work being completed. Majority of workers are scrapping on the 10 th floor. There are workers wetting materials and containerizing materials as well. Workers are making very good progress on the 10 th floor. Workers on the 9 th floor are wetting down the fireproofing in order to prep it for removal. The crew found that if they soak the material prior to scrapping it the material comes off much easier and faster. The fact that workers are wetting the material on the 9 th floor tells me that they will begin scrapping later today or tomorrow.
1030	Outside area talking to Sergiy who told me that the workers will begin bulk removal of fireproofing tomorrow. The crew will wet the fireproofing throughout the day today and begin the scrap tomorrow. Sergiy said the crew will finish scrapping the 10 th floor today. Also while talking to Sergiy I reiterated my concern about containerizing materials faster. He said he will shift around the crew in order to have more workers cleaning up.
1115	Crew on the 10 th floor is a little over 80% complete with scrapping of beams and deck.
1145	Green Earth crew that will be using the water blasting technique to remove all mastic in the tower has begun setting up equipment around the 12 th , 13 th and 14 th floor area. Crew is currently in the stairwells running a waste pipe and hoses up the air shaft in the eastern stairwell. Crew will run this into the area to be hooked up to their machine and used as a waste line. Spoke with supervisor of crew and he said the crew will begin removal of mastic tomorrow. I will begin to set up air samples for this area first thing tomorrow morning.
1300	Lunch and paperwork.
1400	Crew on the 10 th floor has finished scrapping beams and decking. Crew will remain on the 10 th floor to finish containerizing materials and clean up. Crew was told to make sure the lower portion of walls and doors are cleaned as well so that no materials get left behind and dry up before cleaning phase. Crew will begin scrapping the 9 th floor tomorrow.
1530	Set up high volume pumps in areas where there is access to power. Setting up high volume pumps will insure that I have enough pumps to set up when both areas are running



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Dave Parker

DATE: 11/20/09

Contract #

Liro Job #:

HOURS: 0700-1730

TASK: PM

TIME	ACTIVITY- Midtown Tower
0700	On site/ set up all Phase IIB air samples for 9 th and 10 th floor area and 12 th , 13 th and 14 th floor area. All samples were set up at 3 LPM and are in same locations as previously stated.
0800	<p>Today there are 2 crews working in the tower. Cambria's crew of 29 workers and 2 supervisors are split between the 9th and 10th floor. Green Earth also has a crew of 4 workers and 1 supervisor in the 12th, 13th and 14th floor area. In the 9th and 10th floor area there are currently:</p> <ul style="list-style-type: none"> - 3 workers outside of containment doing misc. work - 11 workers cleaning up the 10th floor and prepping it for power washing - 15 workers on the 9th floor scrapping beams and deck as well as cleaning up
	Workers on the 10 th floor are cleaning the floor, walls and doors in area and setting up equipment to begin power washing. The crew on the 10 th floor will begin power washing after lunch. The crew on the 9 th floor is approx. 25% complete with scrapping of beams and deck.
1000	Green earth crew currently has 3 workers inside the 12 th , 13 th and 14 th floor area removing mastic on the 13 th floor. 1 worker is currently outside of the area at the vac truck to insure all equipment is working properly. Crew is only approx. 25 to 30% complete with mastic removal on the 13 th floor. I inspected all areas surrounding area including the vac truck. All work on the 13 th floor is being done as per code and I have no concerns with potential contamination.
1130	In 9 th and 10 th floor area quantifying materials I can access. See Ted Tronnes for quantities.
1300	Lunch and paperwork.
1400	Green Earth crew had a water line break at the 4 th floor. I quickly inspected all water on the 4 th floor and spoke with the supervisor to insure no contamination. Line that broke was a feed line not a waste line. Only water was spilled out and there was no contamination from this incident.
1500	<p>Workers on the 12th, 13th and 14th floor have fixed the line and have showered out of the area. Workers will be off site at 1530 and samples will be broken down shortly after that. On the 9th and 10th floor there are currently:</p> <ul style="list-style-type: none"> - 3 workers outside containment doing misc. work - 8 workers on the 10th floor cleaning area - 17 workers on the 9th floor scrapping beams and deck.
1600	Spoke with both supervisors for weekend plans. Green Earth will not be working tomorrow and will continue with removal on Monday. Cambria crew will be working tomorrow. Crew will continue bulk removal on the 9 th floor as well as clean up on the 10 th floor.



Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Dave Parker

DATE: 11/21/09

Contract #

Liro Job #:

HOURS: 0700-1430

TASK: PM

TIME

ACTIVITY- Midtown Tower

0700

On site/ set up all pumps for 9th and 10th floor area. All samples were set up in same locations as previously stated. No samples were set up for the 12th, 13th and 14th floor area. No work is going on in this area today.

0800

Workers are split between the 9th and 10th floor with a few workers outside of the area. Currently there are:

- 3 workers outside containment doing misc. work
- 11 workers on the 10th floor continuing power wash
- 13 workers on the 9th floor continuing to scrap beams and deck and clean and containerize waste.

0900

In area to inspect all work being completed. Crew on the 9th floor is approx. 50% complete with scrap. Workers are containerizing the materials in a timely manner; floor is staying as clean as it can. Workers are also properly wetting all materials. I have no concerns with any work at this time. On the 10th floor the crew is working west to east with multiple power washers. Workers are containerizing that material quickly as well and with the power washers running everything on the 10th floor is adequately wet.

1030

Crew decided to work thru lunch to get out early. Crew will begin to shower out at 1400 and leave site by 1430.

1100

Crew will remain in same areas for entire day. Crew will continue to scrap on 9th floor and power wash on 10th floor.

1200

Around area all day to insure no leaks or contamination. No major concerns today with progress or work. All work is up to code.

1345

Crew is approx. 65% complete with scrapping on the 9th floor by the end of the day. The crew will continue removal Monday morning.

1400

Began breaking down all phase IIB air samples. All pumps are still running at 3 LPM. All 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: 11/24/09

Contract #

Liro Job #:

HOURS: 0700-1730

TASK: PM

TIME	ACTIVITY- Midtown Tower
0700	On site/ set up all phase IIB air samples. All pumps were set up at 3 LPM. Samples are in the same locations as previously stated. Samples were set up for the 9 th and 10 th floor area as well as the 12 th , 13 th and 14 th floor area.
0830	The Cambria crew on the 9 th and 10 th floor are power washing on both floors. The crew is almost complete on the 10 th floor (approx. 90% complete) and in the beginning stages of power washing on the 9 th floor (approx. 10% complete). Currently there are: <ul style="list-style-type: none">- 3 workers outside containment doing misc work (i.e. supplies)- 13 workers finishing power wash on 10th floor- 10 workers power washing on the 9th floor
	Green Earth crew in 12 th , 13 th and 14 th floor area has 3 workers on the 13 th floor continuing with water blasting of mastic. Crew also has a worker outside of containment and a supervisor also outside of containment. Crew is approx. 85% complete with removal of mastic on the 13 th floor.
1030	Crew on the 10 th floor has completed power washing of beams and deck. Crew will now clean up any water or debris left behind. A few workers from this floor have moved down to the 9 th floor to assist with power washing.
1115	On 9 th floor to inspect progress of power wash. Crew is approx. 25% complete with power wash of this floor. I inspect all beams that have been completed on 9 th and 10 th floor to inspect completeness of abatement. I was looking specifically for spots I thought would be tough to reach to see if crew was able to get them. To my surprise the crew was able to get these areas such as outside of perimeter beams closest to the perimeter walls. I thought the crew would have a tough time reaching the power washer there but they did a pretty good job. Any minor areas with debris will be dealt with during cleaning phases.
1230	Stopped into 13 th floor quickly to inspect progress. Crew is approx. 90 to 95% complete with mastic removal on the 13 th floor. Crew will definitely finish by the end of the day and will begin moving equipment and prepping the 12 th floor for removal.
1330	Lunch and paperwork.
1430	Spoke with Mark D. about crews plan to inspect barriers and negative pressure during Thanksgiving weekend. Mark said Bill from Cambria would have a supervisor here daily to inspect all barriers for all areas. I wanted to make sure that crew knew that they had to check them once daily even on a holiday weekend. Mark assured me this would be done.
1515	Green Earth crew on the 13 th floor has finished removal of all mastic on this floor. The crew will now move equipment to the 12 th floor and prep for removal of mastic from the 12 th floor. The crew will begin removal on the 12 th floor first thing tomorrow morning.

1600	Crew on the 9 th floor is approx. 40% complete with power wash of all beams and deck. Crew is doing a very good job of getting all water pick up in a timely matter. I have inspected all areas surround the 9 th floor to make sure there are no water leaks. With so much water being used this was a big concern of mine. So far no water leaks have been found for this area.
1700	Began breaking down all 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: 11/25/09

Contract #

Liro Job #:

HOURS: 0700-1430

TASK: PM

TIME	ACTIVITY- Midtown Tower
0700	On site/ set up all samples for 9 th and 10 th floor area as well as 12 th , 13 th and 14 th floor area. All pumps are set up at 3 LPM. Samples were placed in same locations as previously stated.
0800	Currently Cambria has a crew split between the 9 th and 10 th floor. The crew is continuing with cleaning of beams and decking. Currently there are: <ul style="list-style-type: none">- 3 workers outside containment doing misc. work- 5 workers on the 10th floor continuing with cleaning of beams and decking- 18 workers on the 9th floor power washing beams and deck
	In the 12 th , 13 th and 14 th floor area Green Earth currently has 3 workers on the 12 th floor water blasting mastic off the floor. There is 1 worker outside of the area as well as 1 supervisor outside the area as well. Workers have just started the water blasting on this floor and it is too early to put a number on progress.
0945	Spoke with Mark D and Bill about crews plan for checking critical barriers and negative pressure for the weekend. I spoke with Mark about it yesterday but wanted to insure that Bill knew that a supervisor needed to be in daily to inspect all barriers.
1115	In areas to inspect all work being done. Specifically I was on the 10 th floor to inspect cleanliness of power washer. Power washer does a very good job in the cleaning of beams and deck. I did notice that when the beams and deck dry there is a slight film forming on most surfaces. I am not concerned about this film because it will be addressed with the cleaning phases of project. Crew was told this and they said that is their plan. All other areas look good.
1230	Crew decided to work thru lunch so they can head out early. The crew will remain in the same locations throughout the rest of the day.
1330	By the end of the day the crew has not yet completed the power wash on the 9 th floor. Crew is approx. 55% complete. The Green Earth crew is approx. 40% complete with the mastic removal on the 12 th floor.
1400	Began breaking down all phase IIB samples. All pumps are still running at 3 LPM. Samples will be dropped off at Paradigm on my way home.
1430	Off site.



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Dave Parker

DATE: 11/30/09

Contract #

Liro Job #:

HOURS: 0700-1730

TASK: PM

TIME	ACTIVITY- Midtown Tower
0700	Set up all phase IIB air samples for 9 th and 10 th floor area as well as 12 th , 13 th and 14 th floor area. All pumps are set up at 3 LPM and are in same locations as previously stated.
0800	Currently the Cambria crew is on the 9 th and 10 th floor continuing to wash and remove ACM materials. Currently there are: <ul style="list-style-type: none"> - 8 workers on the 10th floor cleaning up after power washing - 15 workers on the 9th floor power washing beams and deck - 3 workers outside containment doing misc work
	The Green Earth crew is on the 12 th floor continuing with the removal of ACM mastic via water blaster. They have a crew of 4 workers and 1 supervisor. 3 workers are currently on the 12 th floor removing mastic and 1 worker is doing misc work inside and outside of the area.
0920	Spoke with Bill and Mark D. about crews plan when they complete their portion of removal on 9 th and 10 th floor (everything but mastic). Bill said upon completion crew will begin to demo all materials on the 15 th , 16 th and 17 th floor as well as final clean on 12 th , 13 th and 14 th floor. The 15 th , 16 th and 17 th floor contains no ACM but materials such as non ACM fireproofing, fiberglass pipe cover and walls need to be stripped down and removed as C&D.
1015	Crew on the 9 th floor is approx. 55% complete with power washing of beams and deck. Crew will finish power washing this floor today. Upon completion of power washing crew will clean up floor and prep it for mastic removal. While inside the areas I noticed on the 13 th and 14 th floor that Green Earth crew left behind small spots of mastic. I will ask Green Earth supervisor about these spots.
1130	Spoke with Green Earth supervisor to ask about spots left behind on floors. He said the water blaster does not have enough room to access these spots. Supervisor was unsure if Cambria crew was going to address these spots or if his crew will. I will ask Mark D. and Sergiy about these spots.
1230	Lunch and paperwork.
1330	Inside 9 th and 10 th floor area to inspect progress and work. Crews worked west to east on this floor and are now on the east side of the floor approx. 75% complete with power washing. Areas crews have completed are clean. Beams and deck are free of asbestos but debris remains in and around pigeon holes. Crew will address this in their cleaning stages. Area looks good and crew is making progress.
1500	Spoke with Mark D. and Sergiy about mastic left behind in 12 th , 13 th and 14 th floor. Sergiy said he will send a crew up to the floors prior to final clean stage to remove all mastic. I notified Green Earth that Cambria crew will remove remaining mastic.
1600	Inspect floors that Green Earth crew has abated to get an idea on how well the technique works and to check for any possible problems. The areas the crew was able to get look very

	good. The areas have no visible mastic. Some debris remains on the floor but it is not ACM debris. The floor is right down to the concrete. I am extremely impressed with the abatement of floors in areas where Green Earth crew was able to water blast.
<i>1700</i>	Began to break down all IIB air samples. All pumps are still running at 3 LPM. Samples will be submitted to paradigm on my way home.
<i>1730</i>	Off site.



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Dave Parker

DATE: 12/1/09

Contract #

Liro Job #:

HOURS: 0700-1730

TASK: PM

TIME	ACTIVITY- Midtown Tower
0700	On site/ set up all phase IIB air samples for 9 th and 10 th floor area as well as 12 th , 13 th and 14 th floor area. All samples are set up in same locations as previously stated.
0800	Currently the Cambria crew is in the 9 th and 10 th floor area continuing removal. There are currently: <ul style="list-style-type: none"> - 5 workers on the 9th floor removing floor tiles - 2 workers on 9th floor repairing critical barriers - 1 worker outside containment doing misc work - 10 workers on the 10th floor cleaning and prepping area for water blaster
0900	The Green Earth crew has 3 workers on the 12 th floor continuing removal of mastic via water blasting. 1 worker is in and out of the 12 th floor doing misc work. Supervisor is outside the area by the vac truck to make sure nothing goes wrong with equipment. Green Earth crew should finish 12 th floor by the end of the day. Upon completion of the 12 th floor the crew will begin moving supplies and equipment to the 10 th floor and begin that area.
1015	5 workers from Cambria crew on the 10 th floor have moved to the 14 th floor to begin removing mastic left behind by Green Earth crew. Water blaster can not access smaller areas of the floor and Cambria crew in tower has agreed to manually remove these spots. There are still 14 Cambria workers on the 10 th floor cleaning.
1100	Inside all containments to inspect work being completed. Green Earth crew on 12 th floor is approx. 85% complete with removal of mastic. Crew is making very good progress and has not had any problems with equipment or removal. While in the area I noticed 2 puddles of water that seem to be created by the water blaster. I asked workers to make sure all water and/or debris created by this removal be vacuumed up immediately crew said they understand and will vacuum up puddles.
	In 9 th and 10 th floor area to inspect work being completed. Crew on 9 th floor is still removing floor tiles and bathroom membrane. Crew on 10 th floor is doing general clean up to prep area for water blaster. When the mastic crew is complete on the 12 th floor the entire Cambria crew will begin cleaning and final clean stages.
1230	Lunch and paperwork.
1330	After lunch crews are back in area there are now: <ul style="list-style-type: none"> - 5 workers on the 14th floor removing mastic with chemical remover and scrappers - 13 workers on the 10th floor doing general clean up - 8 workers on the 9th floor removing floor tile - 1 worker outside area doing misc work
	Green Earth crew has finished the 12 th floor and now has equipment on 10 th floor. Crew will begin the 10 th floor now and will remain on 10 th floor for remainder of day.

1530	Green Earth crew is finished for the day. Crew completed about 10% of 10 th floor. Crew will continue to remove mastic on the 10 th floor tomorrow.
1615	Spoke with Louis from Cambria about problem spots such as pigeon holes and above beams. Wanted to let him know so he can inspect area himself to see when they will be ready for visual. We spoke about expectations as well so everyone will be on the same page when it comes time to visual these areas.
1700	Broke down all IIB air samples. All pumps are still running at 3 LPM. Samples will be submitted to Paradigm on my way home.
1730	Off site.



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Dave Parker

DATE: 12/2/09

Contract #

Liro Job #:

HOURS: 0700-1730

TASK: PM

TIME	ACTIVITY- Midtown Tower
0700	On site/ set up all phase IIB air samples for 9 th and 10 th floor area as well as 12 th , 13 th and 14 th floor area. All pumps are set up at 3 LPM. Samples are in same locations as previously stated.
0800	<p>The Cambria crew today is split up in both the 9th and 10th floor area and the 12th, 13th and 14th floor area. The Green Earth crew is on the 10th floor continuing with mastic removal. Currently for the Cambria crew there are:</p> <ul style="list-style-type: none"> - 2 workers on the 14th floor removing mastic left behind - 3 workers on the 13th floor removing mastic also left behind - 6 workers on the 13th floor cleaning up after mastic - 13 workers on the 9th floor cleaning up area - 3 workers outside containment doing misc work
	Green Earth crew is on the 10 th floor. Crew is approx. 40% complete with mastic removal on this floor. Crew is making good progress and there are no more puddles being left behind.
0945	In 12 th , 13 th and 14 th floor area to inspect work. Crew is 95% complete with all mastic that was left behind by water blasting crew. Crew will complete cleaning of mastic and begin final cleaning stages upon completion.
1100	In office to update maps and quantities for all floors with work being done.
1230	Lunch and paperwork.
1345	<p>Cambria crew on 12th, 13th and 14th floor has finished removal of left behind mastic and has now begun to clean area as part of final clean stage. Currently there are:</p> <ul style="list-style-type: none"> - 2 workers outside containment doing misc work - 5 workers on 14th floor cleaning - 10 workers on 13th floor cleaning - 10 workers on 12th floor cleaning <p>Green Earth crew is still on the 10th floor continuing to water blast all mastic. 4 workers on are this floor with the supervisor outside of the area.</p>
1500	Spoke with Mark D. about expectations for final clean stages. Also spoke with him about scheduling a visual inspection. I told Mark we would need more than one person in the area to do the final visual because of the size of the area. Ted Tronnes from Envoy will be assisting me with the inspection so we will need notice before the visual. I also informed him of appropriate wait time which is 12 hours.
1600	Spoke with Ted Tronnes about plans for completing visual inspections. Ted and I will do the visual together. We went over how we will do the visual and discussed expectations for the visual.

1700	Began to break down all phase IIB air samples. Tomorrows samples for the 12 th , 13 th and 14 th floor will be marked as IIC final cleaning samples. This has no effect on number of samples or location of samples. All pumps were still running at 3 LPM today. All sample will be submitted to Paradigm on my way home.
1730	Off site.



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Ted Tronnes

DATE: 12-02-09

Contract #

Liro Job #:

HOURS: 0700-1730

TASK: P.M.

TIME	ACTIVITY <i>McCurdy's, B. Foreman, Midtown Tower and Mall</i>
0700	On site. Helped Brandon with man lift.
0730	Approximately 20 Dalrymple 435 employees left site. Not all paperwork in.
0800	Over to office to start paperwork.
0830	Over to McCurdy's for final visual of 6 th floor - B.
0840	In containment.
0925	Out of containment. Failed final visual. Still need to wet wipe deck, I-beams, columns, poly walls, and floor. Found brick debris and spray-on in small amounts in penthouse and 6 th floor in corners. Told Rich, Vtec, and Anthony what needs to be cleaned in containment. Entered in the info to supervisor's log.
1020	Talked to Sydney about color of floor tiles that are positive and negative for ACM. Told him that I would check survey for building.
1040	Checked on work in Mall with Brandon.
1100	Talked to Tom about McCurdy's work. Also discussed Raj's duties today and ballasts transport coming tomorrow.
1130	Talked to Darryl about McCurdy's visual.
1145	At office for paperwork.
1215	Raj and 2 workers on site. Went over to 9 th and 10 th floor in Tower to take blue paint samples. 2 samples on 9 th and 2 samples on 10 th floor.

1300	Down to 2A in Mall for blue paint samples. 3 samples taken in 2A containment.
1320	Al Stutz – OSHA - on site. Referral to noise for Royal coming from vac truck.
1340	OSHA talking to Bill Carr of Local 435.
1350	Over to Euclid Bldg. to watch 2 workers review 2 nd floor.
1415	Out of Euclid Bldg.
1430	Talked to Raj and Bill B. about Euclid Bldg.
1500	Talked to Darryl about floor tile and mastic samples in B. Foreman Bldg. Samples list of samples taken calls out floor tile and mastic as positive, but analytical shows mastic is negative. Also, another set of samples taken calls out positive on list and analytical shows samples to be negative.
1520	Advised Jim of Dalrymple to speak with Tom F. and put in a RFI. Told Jim not to touch floor tiles until issue is resolved.
1545	Over to office for paperwork.
1600	Talked to Mike about Dalrymple issue with floor tile and mastic. I showed him the analytical sheet and sample list so he is kept in the loop.
1700	Helped Brandon with man lift.
1730	Off site.



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Dave Parker

DATE: 12/3/09

Contract #

Liro Job #:

HOURS: 0700-1730

TASK: PM

TIME	ACTIVITY- Midtown Tower
0700	On site/ set up all air samples for 9 th and 10 th floor area as well as 12 th , 13 th and 14 th floor area. 9 th and 10 th floor samples are phase IIB asbestos removal samples and 12 th , 13 th and 14 th floor samples are IIC final cleaning samples. All samples were set up at 3 LPM and are in the same locations as previously stated.
0800	Currently the majority of the Cambria crew is split up on the 12 th , 13 and 14 th floor. Crew is now final cleaning on all 3 floors. Currently there are: <ul style="list-style-type: none"> - 2 workers outside containment doing misc work - 8 workers on the 14th floor final cleaning - 8 workers on the 13th floor final cleaning - 8 workers on the 12th floor final cleaning - 1 worker on the 9th floor chipping up floor tile
	The Green Earth crew currently has 4 workers on the 10 th floor removing mastic via water blasting. 3 workers are using the water blaster and associated vacuum and one worker is removing mastic in a spot the water blaster could not access. With the 12 th , 13 th and 14 th floor the Cambria crew removed mastic in the areas the water blaster could not. I am unsure if the Green Earth crew is now responsible for this left behind mastic or if this worker just started doing it so the other workers can final clean.
1000	Inside the 12 th , 13 th and 14 th floor area to inspect progress and cleaning practices of workers. There are multiple crews working on scaffolds throughout the area on all floors. Workers are, for the most part, working west to east cleaning down all beams and deck as well as all other surfaces reachable from scaffolds. A few workers are on the ground also working west to east wiping down and vacuuming all areas of the floor. Crew is making very good progress and is about 75 to 80% complete with final clean.
1145	Spoke with Mark D. and Sergiy. They said they will finish final clean stage today and be ready for the visual inspection tomorrow morning. They said they have both been in the area to inspect it themselves and both think it is ready to go. The crew will continue to clean all areas for the rest of the day. I told Mark and Sergiy they have a 12 hour wait time after they complete work. The wait time will expire before the work day starts tomorrow. I told them I will speak with Ted and let them know when we will complete inspection.
1240	Lunch and paperwork.
1400	Spoke with Ted Tronnes about completing the final visual inspection tomorrow. Ted said he has to do a visual inspection for Bristol at 8 but will be able to do the visual for 12 th , 13 th and 14 th floor area at about 1000 tomorrow morning.
	Found Mark and Sergiy to let them know that Ted and I will be doing the visual tomorrow at 1000.

1500	All crews stayed in same areas after lunch. Green Earth has completed the 10 th floor of all mastic. The crew has set up all equipment on the 9 th floor and will begin removal of that mastic tomorrow morning.
1530	In 12 th , 13 th and 14 th floor area to make sure crew is in fact ready for visual. I did not do a detailed inspection I was just looking for any big spots that may have been left behind that would lead me to believe they are not ready for inspection. No such areas were found so the final visual will be completed as scheduled.
1700	Began to break down all air samples. All pumps are still running at 3 LPM. No air samples will be set up tomorrow for the 12 th , 13 th and 14 th floor area during inspection. I will submit all samples to Paradigm today on my way home.
1730	Off site.



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Dave Parker

DATE: 12/4/09

Contract #

Liro Job #:

HOURS: 0700-1730

TASK: PM

TIME	ACTIVITY- Midtown Tower
0700	Set up IIB air samples for the 9 th and 10 th floor. No samples were set up for the 12 th , 13 th and 14 th floor area because we are going to do the final visual inspection today. All samples set up are in the same locations as previously stated. Pumps were set up at 3 LPM.
0800	The Cambria crew is currently moving around supplies on the 9 th and 10 th floor and some workers are getting ready for the final visual inspection. Workers will be following ted and I around incase we find minor debris which will be cleaned immediately if found.
	The Green Earth crew currently has 4 workers on the 9 th floor continuing with removal of mastic via water blasting.
0900	Inside 9 th and 10 th floor area to inspect work. Crew is approx. 35% complete with removal of mastic on this floor. The floor looks good and there is no standing water. I inspected all areas that surround the 9 th floor to make sure there are no water leaks to the outside of the area. No leaks were found and I have no concerns with work being done in this area
1030	Ted and I are ready to start the visual inspection. We went into the area with multiple workers and supervisors to inspect entire area for any debris left behind. We told crew if debris is minor workers can clean it up as we go. We began the final visual inspection at approx 1100 after speaking with entire crew about plans and expectations.
1500	<p>The final visual inspection for the 12th, 13th and 14th floor has failed. While in the area Ted and I found multiple spots that were not clean enough to pass inspection. Spots were all minor areas that were hidden until you look closely. There were too many minor spots for crew to clean as we went along. Ted and I completed the inspection of all areas even after we had enough spots to fail the inspection. We made a detailed list of all areas we wanted clean so that crew knew exactly where to look. This list will also help us when it comes time to re-inspect the area. The list included:</p> <ul style="list-style-type: none"> - Multiple pigeon holes that still had debris on the cement. Crews were showed exact spots that had to be re-cleaned. - Mastic around interior walls on the 12th and 13th floor - Interior beams on all floors need to have bottoms vacuumed and wiped clean of debris - Aluminum beams around perimeter of 14th floor need to be re-cleaned - Small mastic spots in the small area south of the waste decon unit where water blaster could not access on the 12th and 13th floor <p>These areas will be re-cleaned by the crew tomorrow. I will stay in the area tomorrow for most of the day to check all work against the list. When the stuff on the list is complete the crew will wipe down and vacuum remaining surfaces and be ready to pass visual inspection.</p>
1600	Paperwork.

[illegible]



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Dave Parker

DATE: 12/05/09

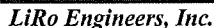
Contract #

Liro Job #:

HOURS: 0700-1600

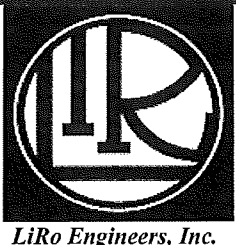
TASK: PM

TIME	ACTIVITY- Midtown Tower
0700	On site/ set up IIC final clean air samples for 12 th , 13 th and 14 th floor. Crew is in area re-cleaning all spots pointed out during the final visual inspection. All samples are set up at 3 LPM. All samples are in same locations as previously stated.
0800	In area to inspect work being completed. While in area I toured with Louis to show him all areas we expect to be cleaned again. See yesterdays log for detailed list of areas.
	Louis is supervising the area today. There are currently 16 workers spilt between the 12 th and 13 th floor. When the crew completes this floor they will move to the 14 th floor to begin cleaning areas on that floor.
1000	Spoke with Louis to figure out the crews plan for working today. Louis said the crew will work until the area is complete. I told Louis I would spend a lot of time in the area to insure the area will be ready to pass visual inspection tomorrow.
1130	The crew finished all mastic spots on the 12 th floor and is now cleaning and vacuuming the bottoms of all interior beams.
1215	Crew decided to take a quick lunch break because they still have a few hours of work to complete.
1255	Back in area to inspect all spots in question. All areas on the 12 th floor have been complete. Majority of 12 th floor crew is now on the 14 th floor addressing dirty areas. 2 workers were left on the 12 th floor to wet wipe and vacuum all surfaces. I inspected all areas that were found to be dirty yesterday and all were cleaned. The 12 th floor is clean and ready to pass visual. Due to the 12 hour wait time in between this clean and final visual I can not give the ok to pass the floor. I will make sure area is clean enough to pass visual but it can not be completed until tomorrow morning.
1345	Crew has finished cleaning all dirty spots on the 13 th floor. 2 workers left on this floor to finish vacuuming and wet wiping all areas. Remainder of crew has moved to the 14 th floor. I inspected all areas of the 13 th floor at it is now ready to pass visual inspection.
1445	Crew said they believe they have completed all areas on the 14 th floor. I inspected all areas and found them to be cleaned to code rule standards. Ted Tronnes and I will be in tomorrow morning to complete the final visual inspection but all areas were found in our detailed visual on Friday have been cleaned so I see no reason why the area should not pass tomorrow.
1530	Began breaking down all air samples. Pumps are still running at 3 LPM. Samples will be submitted to Paradigm on my way home. Ted Tronnes and I will be in tomorrow to complete the final visual inspection. Upon completion of the inspection I will stay after to run final air samples.
1530	Off site.



TASK: PM

[illegible]



Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Dave Parker

DATE: 12/07/09

Contract #

Liro Job #:

HOURS: 0700-1730

TASK: PM

TIME	ACTIVITY- Midtown Tower
0700	Final air samples for 12 th , 13 th and 14 th floor area have passed. I notified Mark D. and Sergiy of results. They said the crew will begin tearing down area immediately. Sergiy asked me what order to tear down. I told him to break down all critical barriers from top to bottom I also told him the decon has to broken down last.
0730	Set up all air samples for the 9 th and 10 th floor. All samples have been set up at 3 LPM. Samples are in the same locations as previously stated.
0815	In tower to see where workers are. Currently there are: <ul style="list-style-type: none"> - 10 workers split between the 12th, 13th and 14th floor taking down all areas of the active containment. - 3 workers on the 12th floor beginning to frame the personal decon unit that will be used for the 11th floor. - 14 workers on the 10th floor final cleaning
0930	On 12 th , 13 th and 14 th floor with Mark D. to post inspect the area and point out any areas that may need to be post cleaned. Some minor debris was found under duct tape and behind critical barriers on the perimeter windows. Debris was immediately HEPA vacuumed and areas surrounding debris were wet wiped. Floors look very good no major debris or materials were found in my post inspection.
1115	In 9 th and 10 th floor area to inspect progress and cleanliness. Crew is on the 10 th floor cleaning all surfaces thoroughly. The clean phase seems to be good well. No major spots were found where the workers have already cleaned. Area still has a lot of cleaning left but with a good final clean the 10 th floor should be good to go. 9 th floor has not yet been cleaned the crew will most likely finish the majority of the clean on the 10 th floor today and split the crew up between 9 and 10 tomorrow.
1220	Walked thru the 14 th floor. Cambria crew said they spotted a small amount of mastic under duct tape that was on the interior wall of the 14 th floor. The spot was very small and could easily be manually removed without the use of chemicals thus not rendering the material friable. I told the crew to remove the mastic without chemical and dispose of all materials used to clean it as ACM. The crew did such as part of their post clean as per code rule 56.
1300	Lunch and paperwork.
1400	Back in tower to see what the workers are doing after lunch. All workers have gone back to the same areas they worked in before lunch. Sergiy said the crew would remain in these areas for the rest of the day.
1415	Spoke with Sergiy about crews' progress and how he thinks the rest of the week will unfold. Sergiy said the crew will finish breaking down the 12 th , 13 th and 14 th floor by the end of tomorrow and will then concentrate on cleaning the remainder of the 9 th and 10 th floor. He said

	the crew should complete and be ready for a visual on the 9 th and 10 th floor by the end of the week.
1500	Moved high volume pumps and other equipment from the 12 th , 13 th and 14 th floor. Area is cleared and equipment is no longer needed.
1600	Crew has not yet finished tearing down all of the 12 th , 13 th and 14 th floor area. Crew will continue tomorrow as well as continue cleaning the 9 th and 10 th floor area.
1700	Began to break down all air samples for the 9 th and 10 th floor. All pumps were 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

[Signature]

DATE: 12/8/09

Contract #

Liro Job #:

HOURS: 0700-1730

TASK: PM

TIME	ACTIVITY- Midtown Tower
0700	Set up air samples for 9 th and 10 th floor area. All samples were set up at 3 LPM. Pumps are in same locations as previously stated.
0800	In tower to check location of all workers. Currently there are: <ul style="list-style-type: none"> - 10 workers on the 9th floor cleaning area - 10 workers on the 10th floor cleaning area - 3 workers on the 12th floor assembling the personal decon that will be used for the 11th floor - 4 workers on 12th, 13th and 14th floor continuing with cleanup and tear down of the area
0900	In area to assist workers during the cleaning phase. Showed crew members trouble spots that have been dirty in previous areas. Pigeon holes and outer beams seem to be the trouble spots on these floors. I pointed out multiple locations that need to be touched up in order to pass the visual inspection. It is hard to put a percentage on the progress because all debris remaining is hidden. I will be in containment a lot for the rest of the week with Louis to look for spots the crew should touch up before inspection.
1130	On the 12 th , 13 th and 14 th floor to post inspect remainder of areas where crew has taken down critical barriers. All areas appeared to be cleaned but workers are vacuuming around the perimeter walls there is no debris that can be misconstrued as ACM. The rest of the area looks great I think everyone will be pleased with the finished area.
1300	Lunch and paperwork.
1400	Before the crew went on lunch all remaining critical barriers were taken down and disposed of as ACM. The crew has begun to disassemble the decon now and will finish by the end of the day.
1415	Crew is in same locations as before lunch. Workers continue to clean the 9 th and 10 th floor as well as disassemble the decon on 11 and assemble the new decon on 12. Workers will stay in these locations for the remainder of the day.
1530	On 8 th floor to speak with Sergiy and Mark D. about doing courtesy visuals. A courtesy visual is similar to the final visual however it is not as detailed and we will still need to complete the final visual in its entirety. I will be inside the 9 th and 10 th floor area to inspect most areas for cleanliness and completeness of abatement. I agreed to assist the crew until I feel they are ready for a Final Visual Inspection.
1630	In the office to update progress map for the 12 th , 13 th and 14 th floor.
1700	Began to break down all pumps. All pumps are still running at 3 LPM. Samples will be submitted to Paradigm on my way home.



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Dave Parker

DATE: 12/09/09

Contract #

Liro Job #:

HOURS: 0700-1730

TASK: PM

TIME	ACTIVITY- Midtown Tower
0700	Set up air samples for the 9 th and 10 th floor. All pumps are set up at 3 LPM. Samples are set up in same locations as previously stated.
0800	In tower to check locations of workers. Currently there are: <ul style="list-style-type: none">- 3 workers on the 11th floor framing waste decon outside of the freight elevator- 2 workers outside the area doing misc work- 22 workers split between the 9th and 10th floor doing final clean
0900	In area to begin courtesy visual for 9 th and 10 th floor. I began on the 10 th floor inspecting all areas of the floor for completeness of abatement. Some small spots of mastic were found and were marked. I marked all spots that need more cleaning with red tape. Some crew members began to clean spots as soon as I marked them. The majority of the floor looked clean and just needs to be vacuumed at the end of the final clean. The 9 th floor was similar with only a few spots that need to be cleaned. All spots that need more attention were marked. After checking the floors I began to check all pipes and surfaces from the ground level. No spots were found on these areas. All pipes and other surfaces inspected looked good. I will be back in the area to begin checked beams, decking and pigeon holes later today or tomorrow.
1215	On the 8 th floor discussing what I found with Mark and Sergiy.
1300	Lunch and paperwork.
1400	After lunch crew remained in same area as they were before lunch. Majority of crew members are on the 9 th and 10 th floor continuing with the final clean stage. Crew says they should be able to finish the final clean stage on Thursday and be ready for final visual inspection on Friday. I have not checked all areas yet so I am unsure at this moment if this is possible.
1445	Back in 9 th and 10 th floor area to inspect surfaces completed on the 9 th floor. Some small spots of debris were found. Spots were marked and cleaned quickly. Around the perimeter wall of both floors there is a trim approx. 5" off the ground. This trim needs to be cleaned more and vacuumed. The crew began this shortly after I pointed it out.
1600	Inspected areas surrounding the 9 th and 10 th floor to insure no water is leaking out of the area. No such spots were found.
1700	Began breaking down all air samples for the 9 th and 10 th 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: Ted Tronnes

DATE: 12-09-09

Contract #

Liro Job #:

HOURS: 0700-1730

TASK: P.M.

TIME	ACTIVITY Midtown Mall and Midtown Tower
0700	On site. Helped Brandon with man lift for 2D area.
0720	Set up pumps in service tunnel.
0730	Dropped off equipment at office.
0745	Over to Tower to help Dave P. set up new lines for negative air pumps on lower floors.
0915	Helped Brandon with 2A containment negative airs. Mastic removal will begin shortly.
0935	Talked to Tom F. about dust monitors. He should be getting them in later today. Received B. Foreman Bldg. variance as well.
1015	Checked on pumps in service tunnel. Marcor is exchanging 2 roll-off dumpsters. About 6 cars entering/exiting service tunnel.
1055	Over to the office to start paperwork.
1130	Check on pumps in service tunnel. No work or traffic observed.
1200	Lunch
1230	At office for paperwork.
1300	Over to the service tunnel for pump check. No work observed at this time. 2 cars for traffic.
1330	Over to Tower to check on 9 th and 10 th floors.
1350	In containment.
1530	Out of containment. Found small amounts of mastic on 10 th floor still and small amounts of spray-on on decking. Told Mark D. and Sergiy.

<i>1545</i>	Helped Brandon with man lift.
<i>1615</i>	Over to Seneca for work updates.
<i>1700</i>	Broke down pumps in service tunnel.
<i>1715</i>	Finished paperwork in office.
<i>1730</i>	Off site.



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Dave Parker

[Signature]

DATE: 12/10/09

Contract #

Liro Job #:

HOURS: 0700-1730

TASK: PM

TIME	ACTIVITY- Midtown Tower
0700	Set up all air samples for the 9 th and 10 th floor. All pumps are set up at 3 LPM. Samples are in the same locations as previously stated.
0800	<p>In the tower to check location of all workers and figure out what they are doing. Currently there are:</p> <ul style="list-style-type: none"> - 1 worker is outside the area doing misc. work. - 9 workers are on the 10th floor final cleaning - 17 workers are on the 9th floor final cleaning <p>The visual has been scheduled for tomorrow morning. I will be in the area for most of today to see if they will in fact be ready by tomorrow.</p>
0900	In area to inspect cleaning being done. I started checking the pigeon holes today beginning with the 10 th floor. Multiple holes were found to be dirty. I marked all spots with red tape and notified Sergiy to have workers begin cleaning behind me. A lot of pigeon holes on the 10 th floor need to be cleaned again. After I finished the 10 th floor I proceeded to inspect pigeon holes on the 9 th floor. Multiple holes were found that will need to be cleaned again. At this point I am beginning to think that they will not be able to finish by the end of the day.
1230	Lunch and paperwork.
1345	Spoke with Ted Tronnes, Mark DePante, Sergiy and Todd about progress. We discussed the fact that the crew probably won't be able to finish cleaning by the end of the day. The crew agreed to clean for the rest of the day today and all day tomorrow. I am confident that the crew will be able to finish the area with another full day of cleaning. I will be in the area for most of the day tomorrow. The visual inspection has now been changed to Monday 12/14/09.
1445	Crews stayed in same areas after lunch time. The crew will continue to clean the 9 th and 10 th floor to prep it for the visual.
1500	Back in area to check spots that I marked to be re-cleaned. Spots that were cleaned look good.
1630	Paper work
1700	Began breaking down all air samples. All pumps are still running at 3 LPM. Samples will be submitted to Paradigm on my way home.
1730	Off site.



Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Ted Tronnes

[Signature]

DATE: 12-10-09

Contract #

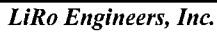
Liro Job #:

HOURS: 0700-1730

TASK: P.M.

TIME	ACTIVITY <i>Midtown Mall and Midtown Tower</i>
0700	On site. Set up pumps for service tunnel.
0730	Helped Brandon with man lift.
0830	Talked to Tom F. about Tower work and work at B. Foreman.
0900	Talked to Bill B. about 9 th and 10 th floor containment.
0930	Checked service tunnel pumps. 2 cars and delivery truck for traffic.
0945	Over to office to start paperwork.
1020	Checked out B. Foreman work with Skip. Told Skip to remind Bruce to remind workers to stop and mark areas of black mastic. Also not to touch or break mirrors.
1100	Talked to Brandon and Bill B. about Mall work for weekend, as well as for up coming holidays.
1130	Check on Tower work with Dave P.
1215	Lunch
1230	Mike called to ask me to put together log of activities and traffic in service tunnel.
1245	Talked to Todd and Bill B. about 9 th and 10 th floor containment.
1315	Checked on work with Matt P. at McCurdy's.
1345	Got copy of Matt's log for traffic.
1400	Got copy of Byron's log for traffic.

<i>1415</i>	Down to service tunnel to check on pumps.
<i>1430</i>	Over to office for paperwork and to type up log for service tunnel.
<i>1500</i>	Sent log to Mike.
<i>1515</i>	Over to Mall to help Brandon with man lift.
<i>1610</i>	Talked to Byron about service tunnel log for Mike.
<i>1625</i>	Up to Tower to check on work. Crew will clean 9 th floor tomorrow. Dave P. and I will walk through area tomorrow to point out any areas of concern.
<i>1700</i>	Helped Dave P. break down pumps.
<i>1715</i>	Broke down pumps in service tunnel.
<i>1725</i>	Over to office to finish paperwork.
<i>1730</i>	Off site.



NAME: *Dave Parker*

Contract #

HOURS:0700-1400

TASK: PM

[illegible]



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Dave Parker

DATE: 12/14/09

Contract #

Liro Job #:

HOURS: 0700-1730

TASK: PM

TIME	ACTIVITY- Midtown Tower- 9 th and 10 th floor, 11 th floor, 6 th , 7 th and 8 th floor
0700	On site/ no samples have been set up for the 9 th and 10 th floor. The Final Visual Inspection is scheduled for first thing this morning. I will begin the visual inspection shortly.
0715	<p>Checked locations of workers and what they will be doing before beginning the inspection. Currently there are:</p> <ul style="list-style-type: none">- 10 workers waiting for me to begin my inspection. Workers will assist with any minor cleaning that may need to be done as well as assist with moving equipment.- 3 workers will remain outside of the area doing misc. work- 7 workers are assembling the decontamination unit on the 5th floor. The decon will be used for the 6th, 7th and 8th floor area.- 6 workers continue to assemble the decon unit on the 12th floor. This decon will be used for the 11th floor area.
0745	<p>My final visual inspection has begun. 10 workers are following me around to assist me in any way I need. Workers are also equipped to clean any minor debris I may find. Any major debris will result in failure. I have been in the area multiple time throughout last week to insure there will be no major debris. I have started the FVI (final visual inspection) on the 10th floor. I began by inspecting all areas of the floor. All mastic was removed from the 10th floor and no spots were found. The floor was free of dust and standing water. I am very pleased with the completeness of abatement on the floor. Next I inspected all pipes that remained in the area to insure no falling debris or fittings were left on the pipes. All pipes on the 10th floor were spotless. Crew did a wonderful job cleaning pipes on this floor. Last on the 10th floor I checked all beams, decking and pigeon holes. This is a very tedious and time consuming part of the inspection. These areas are generally the areas where most debris is found. I checked all beams and pigeon holes vigorously to insure the crew properly cleaned all areas. Some pigeon holes were found to contain minor amounts of debris. The crew immediately cleaned all areas I found to be dirty. I re-inspected all holes that I asked the crew to clean and these holes were found to be cleaned to code rule 56 standards. The decking was cleaned and wiped down very well and no spots were found to contain any debris. The 10th floor is now cleaned to code rule standards and will pass the FVI.</p>
1130	Short break to warm up before going back in to inspect the 9 th floor.
1145	<p>Back in area on the 9th floor to inspect floor as part of the FVI. The 9th floor inspection was done in the same manner as the 10th floor. I began by checking the entire floor for any dust or mastic that may have been left behind. The floor was found to be clean. After inspecting the floor I inspected all pipes that remained in the area. On 1 pipe I found a very minor amount of dust. A worker immediately HEPA vacuumed and wet wiped the pipe. All pipes are now cleaned to code rule standards. Upon completion of the pipes I began to inspect all beams,</p>

	pigeon holes and decking. A few minor spots of debris were found in and around some pigeon holes. There was not enough debris to fail the area and workers were able to clean all debris left behind in a timely manner. Overall the 9 th and 10 th floor area looked good and now it looks great. The area is now cleaned to code rule standards and I have passed the FVI.
1400	I will run final clearance air samples today. The crew has asked me to wait until the majority of workers have left for the day to insure no demo debris will affect the air samples. The 10 crew members that followed me around during the FVI have now split between the 5 th and 12 th floor to assist with building the decon units.
1415	I have begun the process of aggressive air techniques. I have also set up fans during the time before I start air samples to satisfy agitation of the air.
1530	Set up final air samples for the 9 th and 10 th floor. 7 samples have been set up inside the area as well as 5 samples outside the area. All pumps are set up at 4 LPM and will be run for 150 minutes. A total of 600 liters of air will be collected.
1645	Workers have finished building the decon unit on the 5 th floor. They will stop work on this floor until they complete the 11 th floor.
1715	Checked all pumps multiple times during final air samples to insure they are running properly.
1800	Broke down all samples and equipment. Samples will be submitted to Paradigm on my way home. I will notify Mark D. and Sergiy as soon as I get results.
1900	Off site.



Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Ted Tronnes

DATE: 12-14-09

Contract #

Liro Job #:

HOURS: 0700-1630

TASK: P.M.

TIME	ACTIVITY <i>Midtown Mall, Tower, and Service Tunnel</i>
0700	On site. Rodney Smith on site for Mall. Helped Rodney set up pumps for 4 areas.
0800	Set up pumps for dust in Service Tunnel. Noted 4 cars entering and 1 exiting. Cambria dust monitors readings. #1 - 0.055 and #2 - 0.064.
0840	Call from Mike to have more water on ground by Marcor dumpsters. Called Jim and Byron.
0850	At office drop off equipment and start paperwork.
0910	Over to Tower to help Dave P. with final visual of 9 th and 10 th floors.
0930	In containment.
1115	Out of containment. Dave P. still completing final visual. I noted small amounts of spray-on under tar paper on perimeter of walls. Workers are working on areas now.
1125	Did manometer readings with Rodney in Mall.
1200	Down to Service Tunnel to check on monitors. No work or traffic noted at this time. Cambria monitors readings, #1 – 0.024 and #2 – 0.034.
1220	At office for paperwork.
1230	Lunch
1300	At office for document review with Rodney.
1320	Bob K. asked me to get together all documentation on dust/fiber samples from Service Tunnel.
1400	Over to Service Tunnel to check on pumps. Monitor #1 – 0.019 and #2 – 0.034. 1 delivery truck entered and 1 exited. Marcor is loading out ACM packages into trailer.

<i>1430</i>	Walked Mall containments with Rodney again so he will be alright by himself to break down.
<i>1540</i>	Down in Service Tunnel to break down pumps. Monitor readings. #1 – 0.030 and #2 – 0.025.
<i>1550</i>	Over to office to finish up paperwork.
<i>1630</i>	Off site.



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Dave Parker *D. Parker*

DATE: 12/15/09

Contract #

Liro Job #:

HOURS: 0700-1730

TASK: PM

TIME	ACTIVITY- Midtown Tower, 9 th and 10 th floor and 11 th floor
0700	Final clearance air samples for the 9 th and 10 th floor have passed. I notified Mark D. and Sergiy of results. Crews will begin to tear down area immediately.
0800	Checked location of all workers. Currently there are: <ul style="list-style-type: none"> - 3 workers outside the area doing misc work - 4 workers on 12th floor to finish building the decon that will be used for the 11th floor - 19 workers on the 9th and 10th floor tearing down all critical barriers
0900	Workers are concentrating on tearing down and post cleaning the 9 th and 10 th floor. Crew has a HEPA vacuum as well as rags to insure any debris they come across will be cleaned up in a timely manner. Crew knows to tear down the decon last to insure any debris found can be handled properly. Crew will vacuum around perimeter wall and interior walls after critical are broken down to insure any debris that may fall is cleaned up. Not much debris fell but crew vacuumed anyway to insure cleanliness of area.
0930	While the crew tore down critical I inspected most barriers to insure no major debris was sealed away and left behind. No such spots were found in any areas I inspected. I will post inspect entire area upon completion of tear down.
1115	Spoke with Mark D and Bill to figure out crews plan when they complete the tear down. Mark said the crew will concentrate on the 11 th floor before the holiday break. Crews will not begin any work on the 6 th , 7 th and 8 th floor area until they complete their portion of the 11 th floor. I told Mark and Bill to make sure the crew does no prep work on any floor without notifying me first. The crews' goal is to finish scrapping the beams and decking before the Christmas break.
1230	Lunch and paperwork.
1330	After lunch the crew stayed in same areas as before lunch. There are still: <ul style="list-style-type: none"> - 3 workers outside containment moving equipment - 4 workers building decon on the 12th floor - 19 workers tearing down 9th and 10th floor area
1430	Inside area to continue to post inspect area while crew tore down critical barriers. No major debris was found behind any critical the crew did a wonderful job to insure no debris was caught behind any barriers.
1600	Crew finished the decon unit on the 12 th floor. I will set up IIA prep air samples for area beginning tomorrow.
1700	Crew completed tear down of entire 9 th and 10 th floor area. All poly and materials were removed from area as ACM. The area looks very good.
1730	Off site.

Envoy Environmental Consultants Inc.

Empire State Development

Project Monitor Visual Inspection Report



As per 12NYCRR Part 56 amended January 11, 2006

Building & Location: Middtown Tower 9th and 10th floor Job Ticket #

Project Description

Work Area

ESDC

PROJECT # 09/1078

Client/Owner (Print Name)

Client/Owner Representative (print name)

Cambria

X MARK DePANTE

X 09-13704

Abatement Contractor:

Supervisor (print name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

X MARK DePANTE

X 09-13704

Supervisors Visual Inspection Completed?

Supervisor Completing Visual Inspection (print name)

NYSDOL Asbestos Handling Certificate Number

Date

Dave Parker

08-10920

12/14/09

Project Monitor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Date

Site Emergency Phone: 911

Job Type: Class I ☐ Class II ☐ Spraying, ET/fin, mms, wtp, vpm

Job Size: Large ☒ Small ☐ Material

Sq Ln Ft

Project Monitor Visual Inspection Checklist

Project with Multiple Removals ☒

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

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.	<u>All ACM has been removed from 9th and 10th floor</u>
3.	<u>None</u>
4.	

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

Supervisors Signature	<u>Mark DePante</u>	Date	<u>12-14-09</u>
Project Monitor Signature	<u>D. J. R.</u>	Date	<u>12/14/09</u>
PASS <input checked="" type="checkbox"/>		Area Cleared to proceed with Clearance Airs	
FAIL <input type="checkbox"/>		Area needs Reclean and Reinspection	

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

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

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

Copy delivered to:

On Date:

By:

FVI form

White - Envoy / Paradigm Yellow - LiRo Pink - Contractor

Certifications

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



DAVID J. PARKER
CLASS (EXPIRES)
DATEC (05/10) 11 PM (05/10)



CERT# 08-10920
DMV# 138257303

MUST BE CARRIED ON ASBESTOS PROJECTS

I - To be completed by Trainee

Name of Trainee (print) <u>Dave Parker</u>	NYS Depart. of Motor Vehicles ID (DMV ID) ¹ <u>130-257-303</u>	
Signature of Trainee <u>[Signature]</u>	Telephone Number <u>585-255-0014</u>	Date of Birth ¹ <u>5/4/86</u>
Address <u>151 Halibur rd. Rochester NY 14626</u> (Street or PO Box) (City) (State) (Zip Code)		

II - To be completed by Training Sponsor

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

Course Title: Project Monitor ☐ Initial ☒ Refresher ☐ NYS DOH use only
☐ DOH Equivalency²

Training Language: ☒ English ☐ Other: _____ Exam Grade/Date: 88% 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 Director²: Darren Gehl [Signature]
(Print) (Signature)

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: J. TRONNES

Respirator Selected for Test: Full Face.


Manufacture: NORTH Model: 7600

Respirator Size: MD.

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 14608

Phone: (585) 458-7910 Fax: (585) 458-7507

Medical Surveillance - Asbestos

Service Date: 05/05/2009

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:

- ☒ 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.
- ☒ 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.
- ☒ Review of information from previous medical examinations if available.
- ☒ A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems.
- ☒ 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.
- ☒ 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).
- ☒ 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.
- ☒ 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

Date

Concentra Medical Centers (NY)887 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, DavidEmployer: Envoy Environmental Services**Check Type of Respirator(s) To Be Used (Check ☒ ALL that apply)**

- | | |
|--|---|
| <input type="checkbox"/> Air-purifying (non-powered) | <input type="checkbox"/> Air-purifying (powered) |
| <input type="checkbox"/> Atmosphere supplying Respirator | |
| <input type="checkbox"/> Combination air-line and SCBA | |
| <input type="checkbox"/> Continuous-Flow Respirator | |
| <input type="checkbox"/> Supplied-Air Respirator | |
| <input type="checkbox"/> Open Circuit SCBA | <input type="checkbox"/> Closed Circuit SCBA |
| <input type="checkbox"/> Dust Mask | <input type="checkbox"/> 1/2 Face with Canisters |
| | <input type="checkbox"/> Full Face with Canisters |

Make: _____ Model: _____ Cartridge: _____

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

- | | | |
|---|--|--|
| <input type="checkbox"/> High Places | <input type="checkbox"/> Enclosed Places | <input type="checkbox"/> Protective Clothing |
| <input type="checkbox"/> Temperature Extremes | <input type="checkbox"/> Mostly Cold | <input type="checkbox"/> Mostly Hot |
| <input type="checkbox"/> Other: | | |

Questionnaire will be: ☐ HAND CARRIED ☐ MAILED ☐ OTHER

DO NOT WRITE BELOW THIS LINE

DO NOT WRITE BELOW THIS LINE

Address:

151 Hallbar RdROCHESTERNY14626Employee SSN: XXX-XX-5004**Extent of Useage (Check ☒ ALL that apply)**

- | |
|--|
| <input type="checkbox"/> On a daily basis _____ Total Hours |
| <input type="checkbox"/> Occasionally - but not more than twice a week _____ Total Hours |
| <input type="checkbox"/> Rarely - or for Emergency situations only _____ Total Hours |

Expected Physical Effort Required (Check ☒ ALL that apply)

- | | | |
|--------------------------------|-----------------------------------|--------------------------------|
| <input type="checkbox"/> Light | <input type="checkbox"/> Moderate | <input type="checkbox"/> Heavy |
|--------------------------------|-----------------------------------|--------------------------------|

Exposure to Hazardous Materials (Check ☒ ALL that apply)

- | | |
|---|---|
| <input type="checkbox"/> Arsenic | <input type="checkbox"/> Benzene |
| <input type="checkbox"/> Coke Oven | <input type="checkbox"/> Cotton Seed / Dust |
| <input type="checkbox"/> Cadmium | <input type="checkbox"/> Formaldehyde |
| <input type="checkbox"/> Methylene Chloride | <input type="checkbox"/> Lead |
| <input type="checkbox"/> Textiles | <input type="checkbox"/> Chromium |

Other(s): _____

EVALUATION AUTHORIZATION BY: _____

Signature of Employer Representative

DO NOT WRITE BELOW THIS LINE

PLHCP¹ 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 separate forms, in separate 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 (NY)☒ 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 Professional² 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 Name (Printed)

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

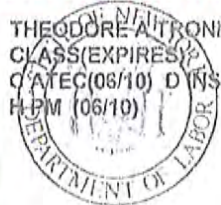
Date of Exam

Expires On

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



THEODORE A. TRONNES
CLASS (EXPIRES)
Q-ATEC (06/10) D-KSP (06/10)
H-PM (06/10)



CERT# 07-00223
DMV# 775062693

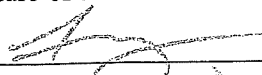
MUST BE CARRIED ON ASBESTOS PROJECTS

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) <u>TRONNES, Theodore A.</u>	NYS Depart. of Motor Vehicles ID (DMV ID) ¹ <u>775-062-693</u>	
Signature of Trainee 	Telephone Number <u>(585) 202-5733</u>	Date of Birth ¹ <u>06/21/1979</u>
Address <u>320 ENGLISH RD. ROCHESTER, N.Y. 14616</u>		
(Street or PO Box)	(City)	(State) (Zip Code)

II - To be completed by Training Sponsor

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

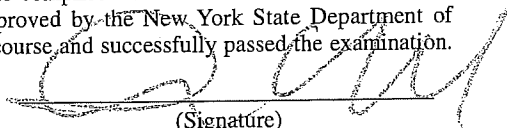
Course Title: PROJECT MONITOR ☐ Initial ☒ Refresher ☐ NYS DOH use only
DOH Equivalency²

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 Director²: Darren Uehl
(Print)

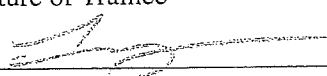

(Signature)

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) <u>Tronnes, Theodore A.</u>	NYS Depart. of Motor Vehicles ID (DMV ID) ¹ <u>775-062-693</u>	
Signature of Trainee 	Telephone Number <u>(585) 202-5733</u>	Date of Birth ¹ <u>06/21/1979</u>
Address <u>320 ENGLISH RD. ROCHESTER, N.Y. 14616</u>		
(Street or PO Box)	(City)	(State) (Zip Code)

II - To be completed by Training Sponsor

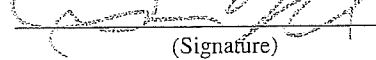
Provider's Name <u>Cornerstone Training Inst.</u>	Telephone Number <u>585-319-3625</u>
Address <u>1680 LYON AVE</u>	Course Location: <u>Same</u>
Zip Code <u>14606</u>	

Course Title: INSPECTOR REFRESHER ☐ Initial ☒ Refresher ☐ NYS DOH use only
DOH Equivalency²

Training Language: ☒ English ☐ Other: _____ Exam Grade/Date: 96% 4/5/09

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 Director²: Dan Yoh (Print)  (Signature)

DOH-2832 (10/03)

¹Optional Information

²DOH Equivalency signed by NYS DOH representative only DEPT. OF LABOR

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.Employer: Envoy Environmental Services**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
☐ Continuous-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: _____

Questionnaire will be: ☐ HAND CARRIED ☐ MAILED ☐ OTHER

Address:

320 English RdROCHESTER NY 14616Employee SSN: XXX-XX-5897**Extent of Usage (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

PLHCP¹ 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 separate forms, in separate 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 Professional² 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.

Physician's License Number (Optional in Most States)

Physician's Name (Printed)

Date of Exam

Expires On

Print Date: 05/07/2009

Revision Date: 06/29/1999

r_plhpc_stmt_resp_employer

RESPIRATOR FIT - TEST RECORD

Employee's Name: TED TROMNES

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:

- ☒ 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.
- ☒ 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.
- ☒ Review of information from previous medical examinations if available.
- ☒ A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems.
- ☒ 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.
- ☒ 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).
- ☒ 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.
- ☒ 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

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: 02-0527
LICENSE NUMBER: 28454
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 06/19/2009
EXPIRATION DATE: 06/30/2010

Duly Authorized Representative: Geoffrey M. Reed

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

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

Maureen A. Cox
Maureen A. Cox, Director
FOR THE COMMISSIONER OF LABOR



**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
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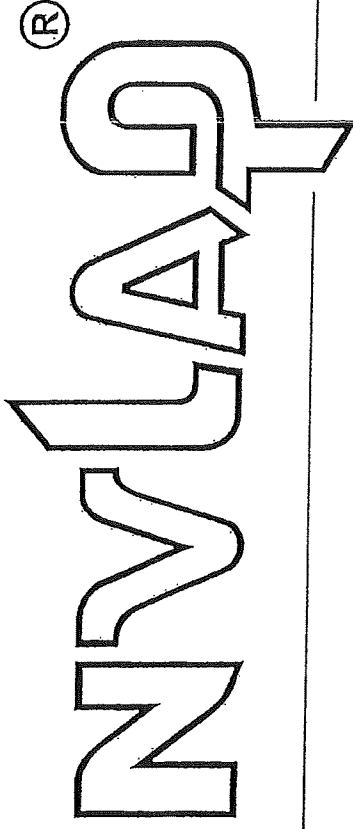
2009-07-01 through 2010-06-30

Effective dates

Sally A. Bruce

For the National Institute of Standards and Technology

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200530-0

Paradigm Environmental Services, Inc.
Rochester, NY

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

BULK ASBESTOS FIBER ANALYSIS

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

2009-07-01 through 2010-06-30

Effective dates



Dolly A. Bruce
For the National Institute of Standards and Technology

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



Expires 12:01 AM April 01, 2010
Issued April 01, 2009
Revised September 16, 2009

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

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

NY Lab Id No: 10958
EPA Lab Code: NY01287

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

Miscellaneous

Asbestos in Friable Material	EPA 600/M4/82/020 Item 198.1 of Manual
Asbestos in Non-Friable Material-PLM	Item 198.6 of Manual (NOB by PLM)
Asbestos in Non-Friable Material-TEM	ITEM 198.4 OF MANUAL
Lead in Dust Wipes	EPA 6010B
Lead in Paint	EPA 6010B

Sample Preparation Methods

EPA 3050B

Serial No.: 40520

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF LABOR

DIVISION OF SAFETY AND HEALTH
LICENSE AND CERTIFICATE UNIT
STATE CAMPUS BUILDING 12
ALBANY, NY 12240

ASBESTOS HANDLING LICENSE

Envoy Environmental Consultants, Inc.
57 Ambrose Street
Rochester, NY 14608

FILE NUMBER: 02-0527
LICENSE NUMBER: 28454
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 06/19/2009
EXPIRATION DATE: 06/30/2010

Duly Authorized Representative: Geoffrey M. Reed

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

Maureen A. Cox
Maureen A. Cox, Director
FOR THE COMMISSIONER OF LABOR

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



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PARADIGM ENVIRONMENTAL SERVICES INC
179 LAKE AVENUE
ROCHESTER, NY 14608

NY Lab Id No: 10958
EPA Lab Code: NY01287

*is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES 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.





National Voluntary
Laboratory Accreditation Program



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E-Mail: bhoogesteger@paradigmenv.com

URL: <http://www.paradigmenv.com>

AIRBORNE ASBESTOS FIBER ANALYSIS (TEM)

NVLAP LAB CODE 200530-0

<i>NVLAP Code</i>	<i>Designation / Description</i>
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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.
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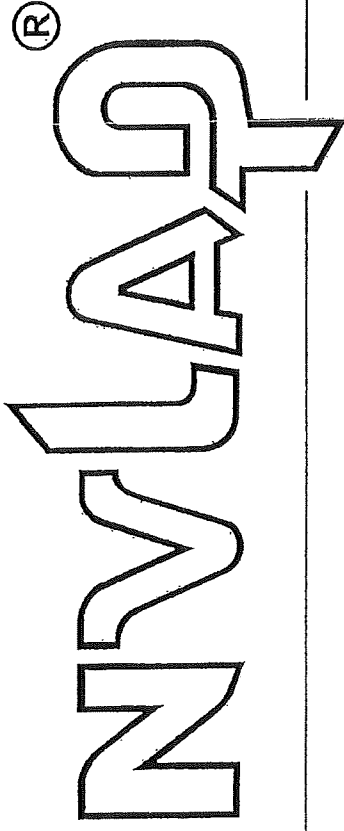
2009-07-01 through 2010-06-30

Effective dates

Sally S. Bruce

For the National Institute of Standards and Technology

United States Department of Commerce
National Institute of Standards and Technology



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 Communiqué dated January 2009).

2009-07-01 through 2010-06-30

Effective dates



Dolly S. Bruce
For the National Institute of Standards and Technology

Pictures