Notifications & Quantities Cover Summary





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

March 25, 2010

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

Re: Midtown Plaza Asbestos Abatement

Dear Mr. Smith:

This cover letter serves as a formal introduction to the Project and Air Monitoring records for the Midtown Tower 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 quantíties 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.

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Material Type	Original Survey Quantities	Verified Removal Quantities
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>	Original Survey Quantities	Verified Removal Quantities
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 Fach

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

	NOTIFI	CATION C	OF DEMOLITION	AND RENOVATION		
Operator Project #		Postn		Date Received	Notification	
	1					
THE STATION OF		Davised)	R			
I. TYPE OF NOTIFICATION (O = 0			**			
II. FACILITY INFORMATION (Iden	tify owner, re	moval con	itractor, and othe	r operator)		
OWNER:						
Upstate Empire State Developmer Address	t Corporatio	<u>n</u>				•
400 Andrews Street				State:	ZIP:	
City Rochester				NY NY	14604	
Contact:					Tel: (716) 882-547	6
Robert Kreuzer REMOVAL CONTRACTOR:						
Cambria Contracting, Inc.			•		•	
Address: 5105 Lockport Road				Ctoto	ZIP:	
City: Lockport				State: New York	1409	94
Contact:					Tel: (716) 62!	5-6690
William Eichhorn OTHER OPERATOR; None					17 107 045	
Address:				r	1 710.	
City:				State:	ZIP:	
Contact:					Tel:	
III. TYPE OF OPERATION (D = De	molition / R =	Renovation	on):	^	<u></u>	
			R			
IV. IS ASBESTOS PRESENT? (Ye			Yes			
V. FACILITY DESCRIPTION (included)	e building na	me, numb	er and floor or ro	om number):		
Building Name:			-			
The Midtown Tower and Mall Address:			<u> </u>			
140 Clinton Square - Midtown Plaz	a					
Address:						
City		•		State: New York	County:	
Rochester Site Location:						
Mail Floors 1 & 2: Tower Floors 3 to Building Size:	hriuah 18 SaMeter:	SqFt:		# of Floors:	Age in Years:	
538,000	Oquicion.	Ogr ti	_X	18	48	
Present Use:	cant		:	Prior Use: Commercial I	Mall & Office Building	
VI. PROCEDURE, INCLUDING ANA	LYTICAL ME	THOD, IF	APPROPRIATE	, USED TO DETECT THE F	PRESENCE	
OF ASBESTOS MATERIAL: TEM (Transmission Electron Micro	scopy)					
PLM (Polarized Light Microscopy) VII. APPROXIMATE OF RACM TO B		AND NO	N EDIARI E ASI	RESTOS MATERIAL THAT	WILL NOT BE REMOVE	D.
SPECIFY THE AMOUNT OF ASBES	TOS BELOW	I;	M-1 KINDEL NO			
					Non-friable Asbe	
				RACM to be Removed		Category II
Pipes - Linear Feet				9946		
Pipes - Linear Meters				•		
Surface Area - Square Feet				1,393,090		
Surface Area - Square Meters				.,,		
			•			
Volume RACM off Facility Componer						
Volume RACM off Facility Componer	it - Cubic Met	ers				
VIII. SCHEDULED DATES OF ASBE	STOS REMO	OVAL:	(MM/DD/YY)	Start:	Completion	
IX. SCHEDULED DATES OF DEM	•		N: (MM/DD/YY)	9/04/2009 Start:	9/04/2010 Completion	

NOTIFICATION OF DEMOLITION	AND RENOVATION (continued)	·D.
DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION \	WORK, AND METHOD(S) TO BE USE	:ט:
Demolishing with excavator, wet methods, no visible emissions		
THE PROPERTY OF	INTROLS TO BE USED TO PREVENT	EMISSIONS OF
XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CO ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:	MILLOTO IO DE OOFD IO LITEATIO	
ASDESTUG AT THE DEMOLITION AND THE CONTROL		
XII. WASTE TRANSPORTER #1		
XII. WASTE TRANSPORTER#1		
Name:		
Reccelli Trucking, Inc Address:		
P.O. Box 6401	State:	ZIP:
City: Syracuse	New York	13217
Contact Person:	Telephone: (315) 433-5115	
Lucille Nicholson WASTE TRANSPORTER #2	1 (010) 700-0110	
WASTE HORIO, OTHERWISE		
Name Cambria Contracting, Inc		
Address:		
5105 Lockport Rd	State:	ZIP:
City: Lockport	New York	14094
Contact Person:	Telephone: (716) 625-6690	
William Eichhorn XIII. WASTE DISPOSAL SITE		
Name: High Acres Landfill		
Address:		<u></u>
425 Perinton Parkway City:	State:	ZIP:
Fairport	NY	14450
Telephone: (585) 223-6132		
XIV. IF DEMOLITION IS ORDERED BY A GOVERNMENT AGENCY	, PLEASE IDENTIFY THE AGENCY E	<u>SELOW</u>
Name:	Title:	
Authority:	15.01.1.5.1.0	ADDAM :
Date if Order (MM/DD/YY):	Date Ordered to Begin (MI	עוויט וויז.
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 D	isruption of Industrial Operation:	
XVI. DESCRIPTION OF PROCEDURE TO BE FOLLOWED IN THE E	VENT THAT UNEXPECTED ASBEST	OS IS FOUND OR
PREVIOUSLY NON-FRIABLE ASBESTOS BECOMES CRUMBLE	D, PULVERIZED, OR REDUCED TO	POWDER:
Stop work, abatement following ICR 56 and OSHA		
XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISION	INS OF THE REGULATION (40CFR)	PART 61
HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILAB	BLE FOR INSPECTION DURING NO	KWAL BUSINESS MUUKS.
(Required 1 year after promulgation).		
	Date	· · · · · · · · · · · · · · · · · · ·
Signature of Owner/Operator XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT		
Avin John Herring		-
Signature of Owner/Operator	Date	
Organization of Chinasa Sports	VIII 11 10 10 10 10 10 10 10 10 10 10 10 10	

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 135 sf Acoustical Plaster Caulk

133 SI 5 200 ef Roofing

5,200 sf

Roof Flashing

11,000lf 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

Type: Initial Notification

Project Reference Number: 25738034

Status: Notification Received

Notification Received: 8/24/2009 Number of amendments: 0

Payment Status: PAID

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@liro.com

Cell Phone Number:

Phase Details

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

Sub-Contractor Details

Asbestos License Number: Name:

Night/Weekend/Shift Work Details

Party for Whom Work is being Performed

First Name:

Last Name:

Organization:

Upstate Empire State **Development Corporation**

400 Andrews Street

Apt./Suite: Address Line 2: Address Line 1: City Town or Village:

Rochester

Province:

State:

NY

Zip Code:

14604

Country:

United States

Contract Dollar Amount:

\$34,000,000.00

Variance Information

Procedures and Type of Equipment and Ventilation Systems Used

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

Air Monitoring Firm

Asbestos License Number: Name:

Envoy Environmental Consultants, Inc. 28454

Laboratory Performing Analysis

ELAP Registration Number: Name:

10958 Paradigm Environmental Services, Inc

Type of Asbestos Work

Pipe Related:

Yes

Siding:

No

Clean up:

No

Vessel covering: Spray-on insulation: Yes Yes

Caulking/mastic: Roofing/flashing: Yes 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

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

Remarks

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



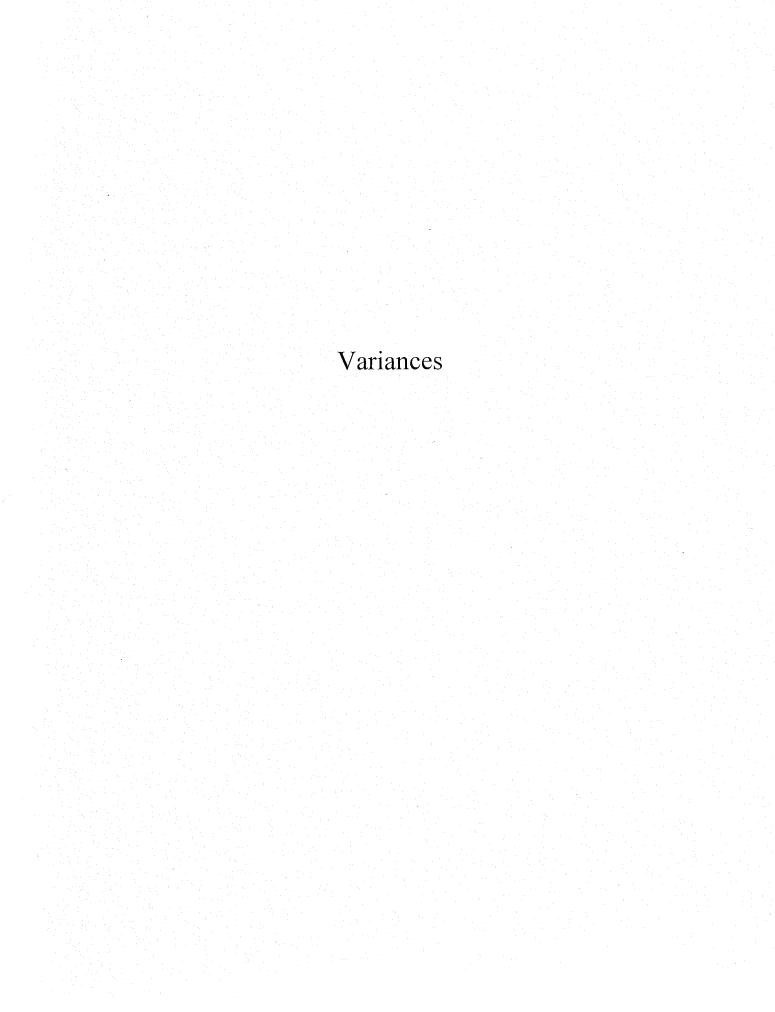
Report of Asbestos Survey Services

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	ows with ACM caulk 112 each pray-on Fireproofing 43,300 SF		
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	oor tile/mastic 18,500 SF f membranes 650 SF Mirror Mastic 400 SF Fire Doors 4 doors th ACM caulk 112 each Fireproofing 43,300 SF		
	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





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

DATE: 7/4/09

DELIVER TO:	Name: ROBGAT DARR
,	
	Office:
•	Location:
•	Floor: Room:
	Phone No: Fax No: Fax No:
	CHRIS ADNES
FROM;	Name:
	Office: Engineering Services
v	Location: Bldg 12 Room 159, State Campus, Albany, NY 12240
	Phone No: 518-457-1536
	Fax No; 518-457-1301
COMMENTS: _	MAMANCE DECISION AS DISLUCIED
. · · _	HARDLON SHALL FOLLOW MA. US MAIL
· _	
NUMBER OF PAG	ES BEING TRANSMITTED: 27 (including cover sheet)

This communication is intended only for the use of the named addressee and may confain 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.

Page 2 of 3

File Number 09-0796

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.
- 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.
- 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.
- 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

- A copy of this DECISION and the Petitioner's proposals shall be conspicuously displayed at the entrance to the personal decontamination enclosure.
- 2. This DECISION shall apply only to the removal of asbestos-containing materials from the aforementioned areas of the subject premises.
- 3. The Petitioner shall comply with all other applicable provisions of Industrial Code Rule 56-1 through 56-12.
- 4. The NYS Department of Labor Engineering Service Unit retains full authority to interpret this variance for compliance herewith and for compliance with Labor Law Article 30. Any deviation to the conditions leading to this variance shall render this variance Null and Void pursuant to 12NYCRR 56-12.2. Any questions regarding the conditions supporting the need for this variance and/or regarding compliance hereto must be directed to the Engineering Services Unit for clarification.
- 5. This DECISION shall terminate on September 30, 2010.

Date: September 4, 2009

M. PATRICIA SMITH COMMISSIONER OF LABOR

Ву

Christopher Alenge, 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

Page 1 of 1

109 799

Alonge, Christopher G (LABOR)

From:

Robert Barr [rob@56services.com]

Sent:

Friday, September 04, 2009 1:43 PM

To:

Alonge, Christopher G (LABOR)

Cc:

kreuzerr@liro.com; Wesolowski, Martin; 'William Eichhorn'

Subject:

Midtown Tower Mall Variance clarifications V7

Attachments: Midtown Wire letter and sample results.pdf; Midtown variance V7 04Sept09.pdf

Mr. Alonge,

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

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

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

Thank you,

Rob

Robert Barr

716.341.8601



PO Box 561 Buffalo, NY 14213 fax 716.4



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

Midtown Plaza – Mall and Tower Variance Application Clarification RE:

Dear Mr. Alonge,

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

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

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

Sincerely,

Robert Barr

NYS Project Designer #93-19183

Job No: 10690-09

Page: 1 of 2





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

PLM & TEM BULK ASBESTOS REPORT

Client

LiRo Engineers, Inc.

518-457-1301

Location:

Midtown Plaza

Rochester, New York

Sample Date:

Client ID

MM-01

MM-02

MM-03

MM-04

MM-05

MM-06

Lab ID

75993

75594

75595

75597

9/3/2009

TEM PLM PLM Asbestos PLM TBM Asbestos PLM Total ø Fibers Type & Total Non-Asbestos Matrix Fibers Type & Description Sampling Location Percentage Asbestos В Percentage Asbestos Fibers Type & Material % Percentage 2nd Level - West Black Wire Inconclusive 0% None Detected <1.0% None Detected 100% Covering No Asbestos Detected 100% Inconclusive 0% None Detected <1.0% None Detected 2nd Level - East Blue Wire Covering No Asbestos Detected 100% 0% <1.0% Residue N/A None Detected 1st Level - West Red Wire Covering Inconclusive Remaining TEM No Asbestos Detected not Required 100% 75596 1st Level - East White Wire Inconclusive 096 None Detected <1.0% None Detected No Asbestos Covering Detected Inconclusive None Detected <1.0% None Detected 100% Black Wire 0% 1st Level - East Covering No Asbestos Detected Cellulose < 1.0% 100% 75598 | 1st Level - West Joint Compound None Detected Not Required N/A (Rainbow Plus)

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.").

 $\sqrt{\mathsf{NOB}}$ (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 correctly 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**

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 endotsement 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

07/13 PAGE

796

60-06991

ENVIRONMENTAL & ENGINEERING SERVICES LiRo Engineers, Inc.

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

Bulk Sampling Chain of Custody Form

401-16-80 Back Samples Taken by: Building /Sibe Job Location: Like Job #: Job Name:

Midtown Plaza, Rochester MY Midtown Plaza DREATH KOSA

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

Turn-Arvand-Time: Frational

ACM CODE	SAMPLIE NUMBER	SAMPLE LOCATION	DESCRIPTION OF MATERIAL.	NOTES	QUANTITY
•	10 · WU	gno level - WEST	Black wind convering	75993	
ī.	10. mm	3" (evel - EAST	Blue wire coneins	.466	
	mm B	mm. 03 8 155 level - WEST	RED WASE CONSTRAINT	995. X	
•	40. mm	155 (evel - EAST	White was comme	966	
٠	so. um	157- level - EAST	Black wine covering	497	
•	mm . ob	155 leng - west (lambo plus)	Joint Compover	866	
			•		
			٠		

First positive stop for each "ACM Code" Group. Comments: Analyze NYS friables via PLM only. Analyze NYS NOB via PLM to TEM.

Date / Time Received By (Signature) Date / Line Relinquished By



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

PLM & TEM BULK ASBESTOS REPORT

Client:

LiRo Engineers, Inc.

518-457-1301

Location:

Midtown Plaza

Rochester, New York

a /2 /2009

Job No: 10691-09 Page: 1 of 2

Sample D	1	9/3/2009		PLM Asbestos	PLM	IN	TEM Asbestos	TEM	PLM	PLM
Client II)	Lab ID	Sampling Location	Description	Fibers Type & Percentage	Total Asbestos	0 B	Fibers Type &	Total Asbestos	Non-Asbestos Fibers Type &	Matrix Materia
						<u></u>	1000	197	Percentage	%
MT-01	75999	13th Floor	White Wire Covering	inconclusive No Asbestos Detected	0%	٧	None Detected	<1.0%	None Detected	100%
MT-02	76000	13th Fjoor	Red Wire Covering	Inconclusive No Asbestos Detected	0%	٧	None Detected	<1.0%	None Detected	100%
MT-03	76001	12th Floor	Blue Wire Covering	Inconclusive No Asbestos Detected	0%	٧	None Detected	<1.0%	None Detected	100%
MT-04	76002	12th Floor	Bjack Wire Covering	Inconclusive No Asbestos Detected	0%	٧	None Detected	<1.0%	None Detected	100%
MT-05	76003	9th Flaor	Black Wire Covering	Inconclusive No Asbestos Detected	0%	٧	None Detected	<1.0%	None Detected	100%
MT-06		3rd Floor N/W of Pass Elev.	Joint Compound	None Detected	0%		Not Required	N/A	Cellulose <1.0%	10095
414-124 - 4 - 124-144-144-144-144-144-144-144-144-144-			,	A A A A A					The state of the s	
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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.").

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

** Polarized-light microscopy is not consistently reliable to detecting aspestos 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

Містозсоре:

Olympus BH-2 #233173

TEM Analyst: J. Peter Donato

PLM Analyst:

F. Childs

Laboratory Results Approved By:

Asbestos Technical Director

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 analysis' and precision) is available upon request.

Relinquished By

Comments:

First positive stop for each "ACM Code" Group.

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

796 Û9

ENVIRONMENTAL & ENGINEERING SERVICES Liko Engineers, Inc.

690 Delaware Avenus Buffalo, New York 14209

Tel. 716-882-5476 / Fax 716-882-9640

Bulk Sampling Chain of Custody Form

Samples Taken by: Midtown Plaza, Rochester NY Midtown Plaza 08-21-164

Building /Site:

Job Location; Job Name: Like Job #:

> FAX Results to: attention: Jason Colvin 716-882-9640

email results to: colvin@liro.com

Turn-Around-Time: Ammening

		•		,	•	ACM CODE
mt . of	MT . 05	mr . 04	mr . 03	mr . or	mt . 0)	NUMBER
3th Alwot Pass Elex.	9# Floor	12x Floor	12th Floor	13th Moon	13th Moon .	SAMPLE LOCATION
Joint Company	Black wine covering	Blad were covered	Blue wies covering	Res wire covering	white wire covering	DESCRIPTION OF MATERIAL
460	003	200	, 001	6000	75999	NOTES
						QUANTITY

10691-09

20.8.00

Date! Time

Received By (Signature)

:



02 September 2009

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

RE: Midtown Plaza – Mall and Tower Variance Application Clarification

Dear Mr. Alonge,

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

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

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

Sincerely,

Robert Barr

NYS Project Designer #93-19183

Attachments for Variance Petition MIDTOWN PLAZA Rochester, NY August 2009

9. Reason for Request

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

MIDTOWN TOWER - Asbestos Containing Materials:

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

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.

A PLASTER ON EXTERIOR OVERHANGS-23,000 SF CHAP/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 preabatement 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 usung barrier tape and signage with access limited to licensed individuals.

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

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

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

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



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

DATE: 10/27/05

	Office:		,,,,	
	Location:			
	Floors	Room:	,	
	Phone No.	Fax No: (7)	e) 408.	95
FROM:	_	Invariable & Doll		•
• •	Engineering Services	•		
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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.

16 October 2009

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

APPROVED

OCT 22 2009

New York State Dept. of Labor

RE: Midtown Plaza - Mall and Tower Variance Application An Engine Sastices Unit

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:

o 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 players 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.

O 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.

KONLY UNITS EQUIPTED BYMNUFACTUER LITH VACUUM RECOVERTY CONNECTION SHALL BE UTILIZED FOR REMOJALS AMANUFACTUER REQUIREMENTS FOR OPERATION FMINTENARCE OF ALL SYSTEM COMPONENTS, SHALL BE FULLUED.

14/22/04

PO Box 561 - Buffalo, NY 14213

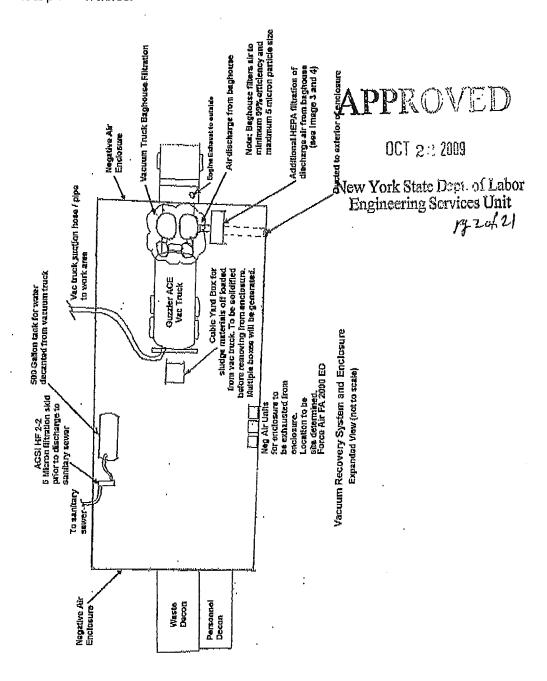
716.341,8601 (ph) 716.408,9567 (fax)

-PLYWOOD SHEATHING CYL

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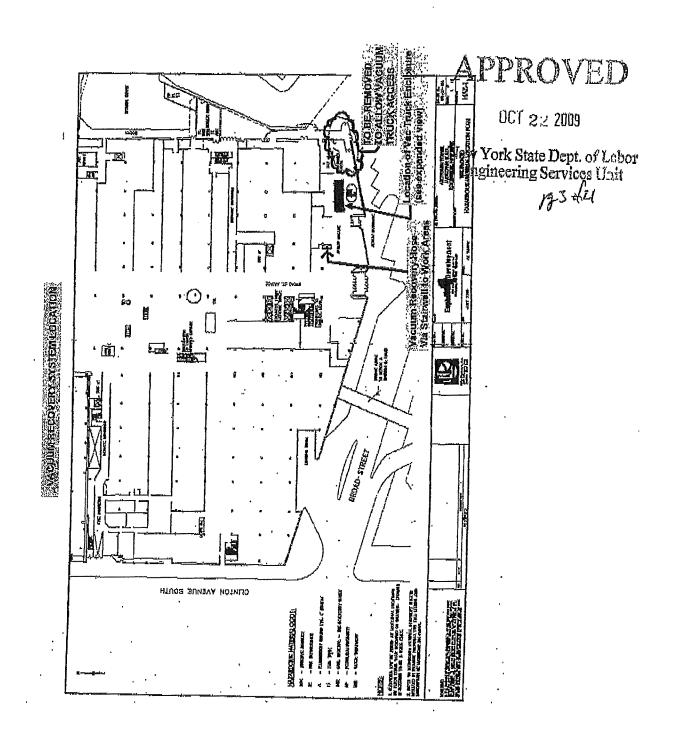
10/22/0

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.



Robert Barr - NYS Project Designer #93-19183

Page 2



Robert Barr - NYS Project Designer #93-19183

Page 3

Alonge, Christopher G (LABOR)

From:

Robert Barr [rob@56services.com]

Sent:

Friday, October 16, 2009 12:24 PM

To:

Alonge, Christopher G (LABOR); Alonge, Christopher G (LABOR)

Cc;

'Bill'; Wesolowski, Martin; kreuzerr@liro.com

Subject: Response

APPROVED

OCT 23 2009

Mr. Alonge,

Additions to submitted letter and responses to your questions:

New York State Dapi. of Labor Engineering Services Unit

 Waste Water Control - Any residual water that does not make it into the unit head and sent via hose directly to vacuum truck will be squeeged and HEPA vacuumed immediately.

2. Enclosure – Unit will be in use for extended period of time – it will be hard walled as per Code Rule 56.

3. Fencing — Unit will be parked inside one of the buildings on this site — with access limited only to NYS

DOL licensed individuals. Entire site will be fenced. WITH A MINIMUM OF 8' HIGH TEMPORARY CHAIN-INK

CONSTRUCTION FENCING, THIS FENCING SHALLED INSTILLED PRIOR TO USE OF THIS SYSTEM

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

white

Rob

Robert Barr

716.341.8601



PO Box 561 Buffalo, NY 14213 fax 716.408.9567

* ONE WORKER SHALL BEDESIGNATED FOR WASTEMATER CONTROL AT EACH
REMOJAL LOCATION & SHALL VACUUM FUGITIVE WASTEMATER IMMEDIATELY
UPON GENERATION.

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:

Subject:

Midtown FW: Vac Unit Information

Attachments:

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





36-9950-15A.pdf 2009102015221864 8.pdf (87 KB) (83 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>>

APPROVED

OCY 22 2009

New York State Dept. of Labor Engineering Services Unit

15.50f21



Model No. 36-9950-15A

Lightweight Ultra-High Pressure SPIN JET®



The NLB Model 36-9950-15A lightweight SPINJET ocombines the awesome cleaning power of ultra-high pressure water with the proven technology of our rot ating SPIN JET seals. This compact design weighs only 138 pounds (62.6 kg) and provides the ultimate in maneuverability and ease of operation. With features like a 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 1/1 gpm (42 lpm); 40,000 psi (2,800 bar).
- Bariet nozzle system. with angular adjustment.
- 4" (10.25 cm) Vacuum attachment for collection of water and debris.
- 15 inch (38.4 cm) cleaning coverage.

NLB Corp.

e 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

(856) 423-2211 FAX: (856) 423-0997

LEADER IN HIGH-PRESSURE WATER JET TECHNOLOGY

- > 11506 Spencer Hwy, La Porte, TX 77571 描 1323 E. Hlll St., Signal Hill, CA90755 (281) 471-7761 FAX: (281) 471-8738
- III 159 Harmony Road, Mickleton, NJ 08056 💆 14302 Highway 44 N., Gonzales, LA 70737 (225) 622-1666 FAX: (225) 622-7366

(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 deaning problems. SPIN JET® applications include paint booth grate cleaning, coating removal, highway stripe removal, airport runway rubber removal, surface preparation, concrete scarification, and hydrodemolition.

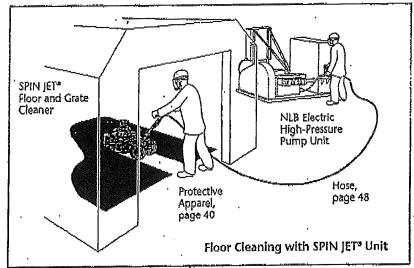
FEATURES/BENEFITS:

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

APPROVED

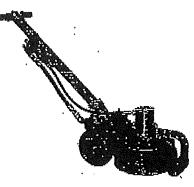
OCT 23 2009

New York State Dept. of Labor Engineering Services Unit Pt 7 421



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.

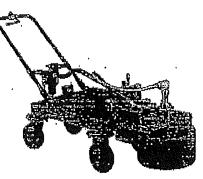




•	Sus! Part No.	Discharge Pressure (Max.)	Max. Flow	Rotation Speed	Alr	Weight	Width	Nozzies
		(2,800 bar)	11 gpm (42 lpm)	2,000 rpm	65 psi @ 50 cfm (4.5 bar @ 23.6 l/s)	120 lbs. (\$4.5 kg)	· 16* (41 cm)	Up to 15

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 Prossure (Max.)	Max. Flow	Rotation Speed	Alr .	Weight	Width	Nozzles
	40,000 psl	11 gpm (42 lpm)		2- PM & 41	315 lbs. (143 kg)	23° (58 cm)	Up to 16



50·

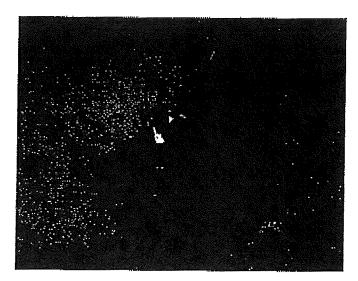


Image 1 - Equipment Detail - Floor Tool Head

APPROVED

UCT 2/2 2009

New York State Uspa, of Labor Englishing Bervices Unit

138021

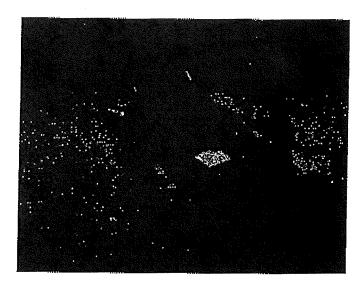


Image 2 - Equipment Detail - Floor Tool Head

Robert Barr - NYS Project Designer #93-19183

Page 4

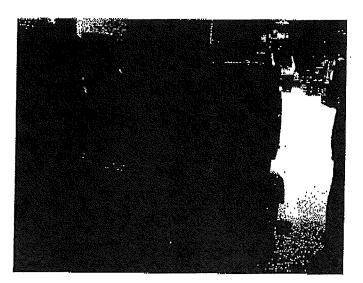


Image 3 - Equipment Detail - HEPA Filter Enclosure for Blower Exhaust

APPROVED

OOT 21: 2009

New York Outs Stor, of Lebor Englishing Services Unit Physical Physics Physics Physics I are properties of the Physics of Lebor Physics of Lebor Physics (Lebor Physics of Lebor Physics (Lebor Physics of Lebor Physics of Lebor Physics of Lebor Physics (Lebor Physics of Lebor Physics of Lebor Physics (Lebor Physics of Lebor Physics (Lebor Ph

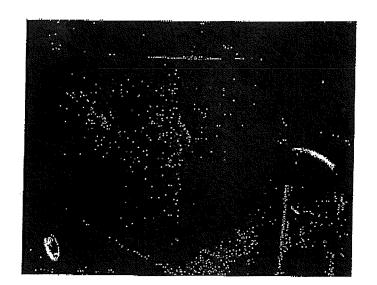


Image 4 - Equipment Detail - HEPA Filter Enclosure for Blower Exhaust

Robert Barr - NYS Project Designer #93-19183

FEATURES

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PORTABLE SHOWER

SPECIFICATIONS When Agent Barbara Lond

Sam 201,000

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New York Care Dept, of Labor Engineering Services Unit 14/0:121

HF2-2 TWO STAGE FILTRATION SYSTEM



SPECIFICATIONS

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BEMEFITE

- * Lightweight, durable rust resistant
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 - · Provides eggy portability

SPECIFICATIONS

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Proter Supply:

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Bodý 三龙山山.

Prynting 24" x 24" · 2 12, 1340 Secondary: 24" x 24" 3 ply raig

HEPA Picer: 24v x 24 x 31 1/2 198 87%

FA2000EC



Robert Barr - NYS Project Designer #93-19183

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.

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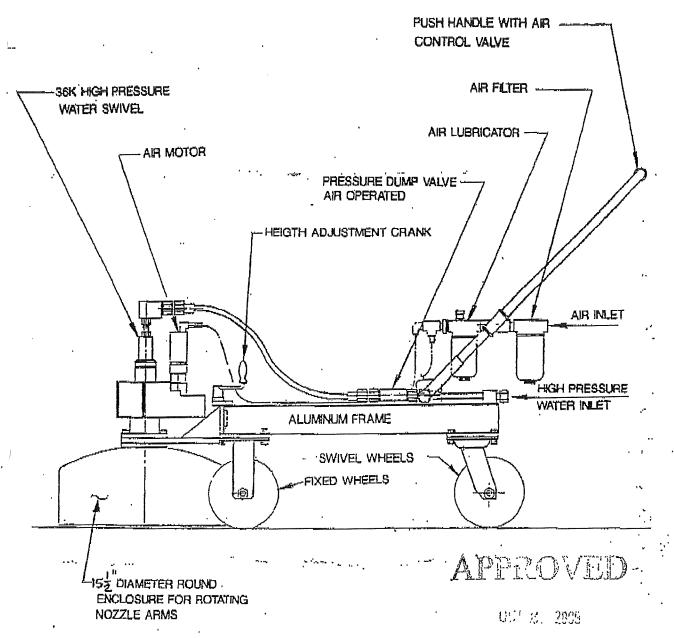
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GENERAL ARRANGEMENT MODEL 36-8300-15A SPIN JET PAINT STRIPE REMOVER

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PHYSICAL

HEIGHT:

43"

(109.2cm)

WIDTH:

23"

(58.4 cm)

WEIGHT:

275 LB.

(124.8 kg)

FRAME CONSTRUCTION:

WELDED ALUMINUM***

NOZZLE ARM ENCLOSURE:

10 GA. STEEL

PUSH HANDLE:

STEEL PIPE

WHEELS:

8" SOLID RUBBER, 2 FIXED-2 SWIVEL

OPERATING AIR SUPPLY:

90 SCFM AT 100 PSI (AT 3000 RPM

ON NOZZLE)

MIN. AIR SUPPLY HOSE SIZE:

3/4"

INPUT WATER REQUIREMENT:

8 GPM (20 LITERS) MAX AT 36,000 PSI (2.482.7 BAR)

INPUT WATER SUPPLY HOSE:

36,000 PSI WORKING PRESSURE

1-1/8"-12

WATER CONTROL:

AIR OPERATED DUMP VALVE WITH

MANUAL AIR CONTROL VALVE

ROTATING SEAL:

NLB MODEL 8800-1

NOZZLES:

SAPPHIRE ORIFICE ASSEMBLIES

WITH RETAINING GLAND

NOZZLE QUANTITY:

UP TO 18

NOZZLE ROTATING SPEED:

3000 RPM MAXIMUM

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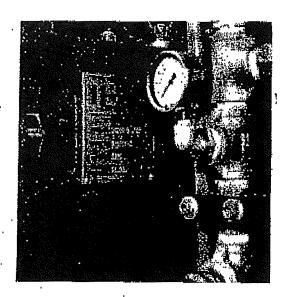
MODEL AND SERIAL NUMBER

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

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OCT 2: 2009

New York State Dept. of Lebor Engineering Services Unit



MODEL AND SERIAL NUMBER ON PUMP

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FEATURES OF THE PUMP

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

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

THE OPTIONAL GEAR-PAC HAS THE FOLLOWING FEATURES:

- A. BOLTS TO A STANDARD POWER END. A SMALLER COUPLING IS REQUIRES THAN FOR AN ENGINE-MONTED GEAR.
- B. CAN BE MOUNTED ON THE OPPISITE SIDE OF THE PUMP IF EVER NECESSARY TO REVERSE ROTATION.
- C. GEAR AND PINION ARE CROWN-SHAVED, MADE OF FORGED ALLOY STEEL.
- D. GEARS HAVE AN AGMA SERVICE FACTOR OF 2.
- E. HIGH THERMAL POWER RATING WILL OPERATE IN AN AMBIENT AIR OF 40° C WITHOUT EXTERNAL COOLING.

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

- A. THE FRAME PLATE BOLTS AND ALIGNS TO THE FACE OF THE POWER FRAME. IT IS THE BACK BONE OF THE LIQUID END. IT SUPPORTS ALL OTHER COMPONENTS OF THE LIQUID END. THE FRAME PLATE IS MADE OF HIGH-GRADE CARBON STEEL AND IS NICKEL-PLATED TO MINIMIZE CORROSION.
- B. LIQUID END COMPONENTS ARE RETAINED BY HIGH STRENGTH STEEL BOLTING THAT THREADS INTO THE CARBON STEEL FRAME PLATE. EXCEPT FOR THE SUCTION AND DISCHARGE CONNECTIONS, THERE ARE NO THREADS IN ANY OF THE STAINLESS STEEL PARTS, MINIMIZING THE POSSIBILITY OF GALLING THE STAINLESS STEEL.
- C. ALL PRESSURE-CONTAINING PARTS ARE MADE OF HIGH-STRENGTH STAINLESS STEEL, CERTIFIED FOR CHEMICAL AND PHYSICAL PROPERTIES.
- D. THE MANIFOLD IS SEPARATED FROM THE AREAS OF THE LIQUID END EXPOSED TO FULL PRESSURE EXCURSIONS. (IT SEES A STEADY DISCHARGE PRESSURE IN THE DISCHARGE PORT AND A STEADY SUCTION PRESSURE IN THE SUCTION PORT.)

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- E. THE VALVE EATS CLAMP BETWEEN THE .ANIFOLD AND THE PRESSURE SLEEVES.
- F.-THE SUCTION AND DISCHARGE VALVES ARE CONCENTRIC. THE SUCTION VALVE IS A DISC-TYPE VALVE. THE DISCHARGE VALVE IS A BEVEL-SEAT WING-GUIDED VALVE.
- G. O-RINGS ARE USED ONLY ON THE PUMP MANIFOLD. THEY ARE EXPOSED TO STEADY PRESSURES ONLY.
- H. A RAISED METAL-TO-METAL SEALING FACE IS PROVIDED AT EACH END OF THE PRESSURE SLEEVE. THESE SEALS ARE THE ONLY STATIC SEALS EXPOSED TO THE FULL PRESSURE EXCURSIONS AS THE PUMP RUNS.
- I. THE PACKING CARTRIDGE IS EASILY REMOVED FOR CONVENIENT PACKING REPLACEMENT ON A WORK-BENCH,
- J. THE PACKING IS SPRING-LOADED, ELIMINATING REQUIREMENTS FOR ADJUSTMENT. (THERE IS NO GLAND.)
- K. THE PLUNGER IS SOLID TUNGSTEN CARBIDE. IT IS CLAMPED AND ALIGNED TO THE CROSSHEAD STUB WITH A NUT AND CIRCULAR SNAP RING.
- L. LUBRICATION FOR THE PACKING IS PROVIDED ON THE ATMOSPHERIC SIDE, FROM A MECHANICAL LUBRICATOR DRIVEN FROM THE END OF THE PUMP CRANKSHAFT.
- M. THE OIL FLOWS THROUGH CLEAR TUBES TO THE PACKING, ALLOWING VISUAL MONITORING OF THE FLOW. THE SMALL-DIAMETER TUBES FILL QUICKLY DURING INITIAL OPERATION, AND THE SMALL COPPER TUBE, AT THE FLANGE, INHIBITS LOSS OF OIL FROM THE TUBE DURING IDLE PERIODS. WATER SPRAY ON THE PLUNGERS IS NOT REQUIRED, MINIMIZING DISPOSAL REQUIREMENTS.

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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.
 - ABSORBS PULSES FROM THE POWER PUMP, SO THAT THE CENTRIFUGAL PUMP AND GAUGE ARE EXPOSED TO MINIMAL PULSATIONS.
- F. AN ACOUSTIC TYPE (NO MOVING PARTS) DISCHARGE PULSATION DAMPENER WHICH REDUCES THE POWER PUMP DISCHARGE PULSE. THIS REDUCES STRESSES ON BOTH THE PUMP AND DISCHARGE SYSTEM.
- G. A REMOTELY MOUNTED ACCESSORY MANIFOLD WHICH CONTAINS THE DISCHARGE GAUGE, RUPTURE DISC, AND CONNECTIONS FOR THE BY-PASS VALVE AND DISCHARGE HOSE. MOUNTING THIS MANIFOLD DOWNSTREAM OF THE PULSATION DAMPENER EXTENDS THE LIVES OF THE AUXILIARY EQUIPMENT.
- H. A LIQUID-FILLED DISCHARGE PRESSURE GAUGE.
- I. AN OIL-DAMPED BY-PASS VALVE.
- J. TWO RUPTURE DISCS: ONE AT THE PUMP AND ONE AT THE ACCESSORIES MANIFOLD.

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SPECIFICATIONS AND RATINGS

LIQUID END

PLUNGER DIA 0.660"

(16.7MM)

STROKE LENGTH:

4.25 INCHES (10.8 CM)

MAXIMUM WORKING PRESSURE (PSI)

36,000 (2,482.7 BAR)

DISPLACEMENT (US GPM)

6.0 (22.7 LPM)

VOLUMETRIC EFFICIENCY AT MAXIMUM PRESSURE

90%

MAXIMUM OPERATING TEMPERATURE (OF WATER)

100°F (38°C)

MINIMUM REQUIRED SUCTION PRESSURE (PSIG)

(2.1 BAR) 30

CONNECTIONS

SUCTION:

DISCHARGE:

9/16" 60,000 PSI (4,137.9 BAR)

MATERIALS OF CONSTRUCTION, ALL WETTED PARTS:

STAINLESS STEEL

PACKING:

SQUARE -RING SEALS

PACKING LUBRICATION:

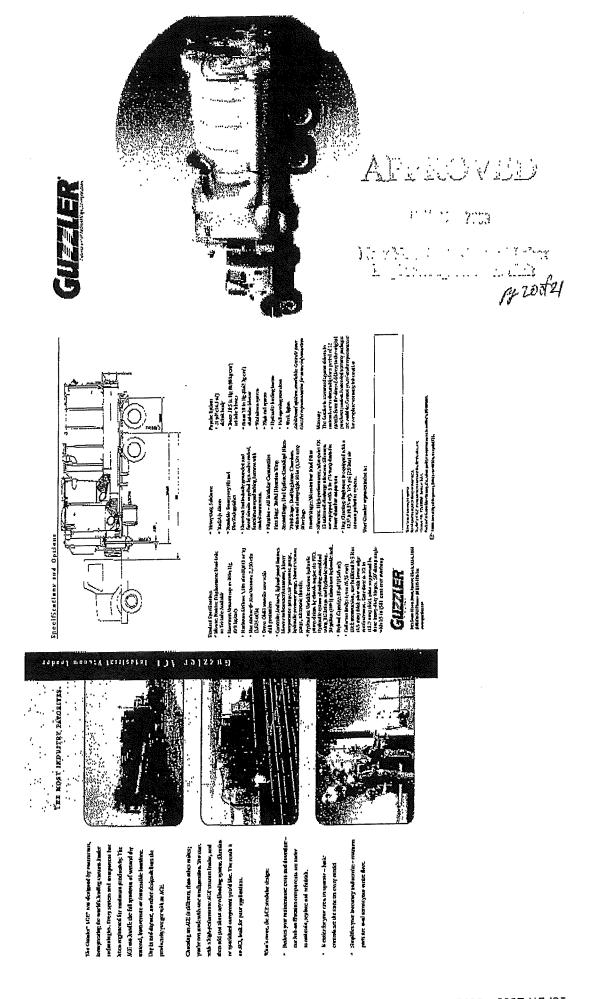
ATMOSPHERIC-PRESSURE OIL FROM MECHANICAL

LUBRICATOR

OPTIONAL GEAR-PAC RATIO:

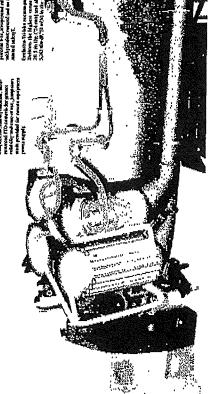
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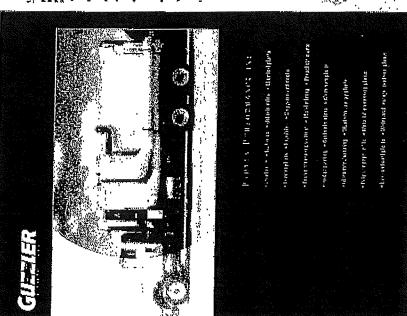
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STATE OF NEW YORK DEPARTMENT OF LABOR www.labor.state.ny.us

DATE: 10/27/05

•	Office:		-	<u> </u>		
	Location:					
•	Floor:	Room:				
	Phone No:	Fax No: (16) 408-	<u>95(</u>		
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16 October 2009

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

APPROVED

OCT 22 2009

New York State Dept. of Labor

RE: Midtown Plaza – Mall and Tower Variance Application An Engineering Systices Unit

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.

o 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.

O 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.

KONLY UNITS EQUIPTED BY MUNUFACTUER LITH VACUUM RECOVERLY CONNECTION SHALL BE UTILIZED FOR REMOVERS. AMENUFACTUER REQUIREMENTS FOR OPERATION FMINTENARICE OF ALL SYSTEM COMPONIONES, SHALL BE FOLLOWED.

14/22/04

PO Box 561 - Buffalo, NY 14 213

716.341.8601 (ph) 716.408.9567 (fax)

PLYWOOD SHEATHING Per

16/22/04

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FALL ELVIPHIGHT

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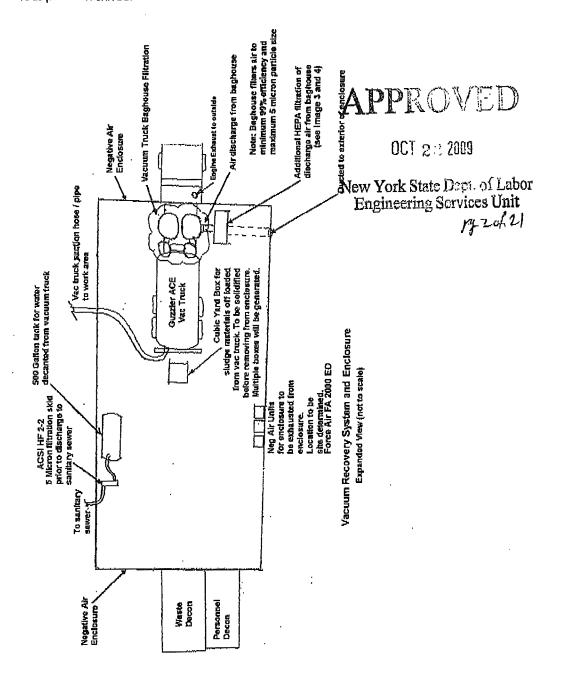
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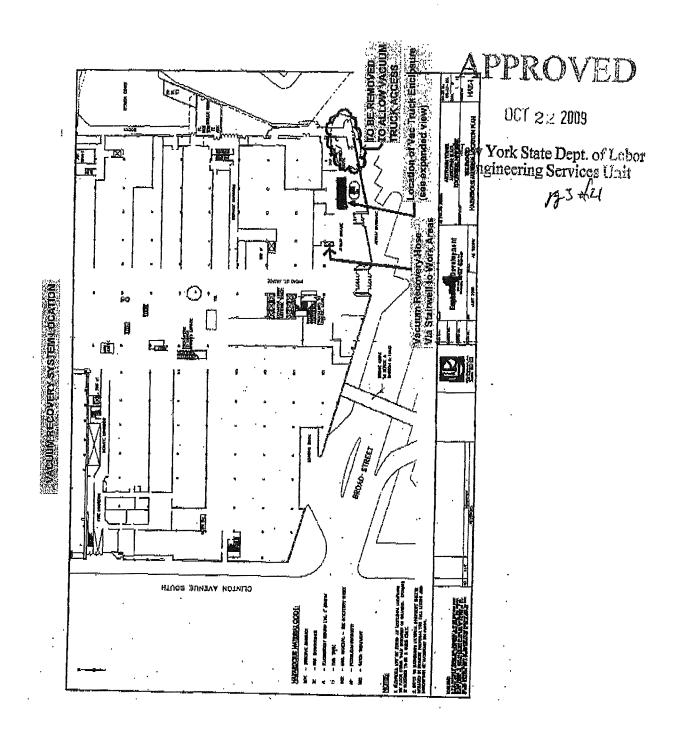
ENTRY

(1/21/05

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.



Robert Barr - NYS Project Designer #93-19183



Robert Barr - NYS Project Designer #93-19183

Alonge, Christopher G (LABOR)

From:

Robert Barr [rob@56services.com]

Sent:

Friday, October 16, 2009 12:24 PM

To:

Alonge, Christopher G (LABOR); Alonge, Christopher G (LABOR)

Cc:

'Bill'; Wesolowski, Martin; kreuzerr@liro.com

Subject: Response

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Mr. Alonge,

Additions to submitted letter and responses to your questions:

New York State Oapi. of Cabor Engineering Services Unit

 Waste Water Control – Any residual water that does not make it into the unit head and sent via hose directly to vacuum truck will be squeeged and HEPA vacuumed immediately.

2. Enclosure – Unit will be in use for extended period of time – it will be hard walled as per Code Rule 56.

B. 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 BY HIGH TEMPORARY CHAIN-LINK

CONSTRUCTION FENCING, THIS FENCING SHALLES INSTILLED PRIOR TO USE OF THIS SYSTEM

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

10/24/01

Rob

Robert Barr

716.341.8601





PO Box 561 Buffalo, NY 14213 fax 716,408,9567

* ONE WORKER SHALL BEDESIGNATED FOR WASTEVATER CONTROL AT EACH
REMOVAL LOCATION & SHALL VACUUM FUGITIVE WASTEVATER IMMEDIATELY
UPON GENERATION.

10/16/2009

Alonge, Christopher G (LABOR)

From: Sent:

Robert Barr [rob@56services.com] 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 2009102015221864 (83 KB) 8.pdf (87 KB)

Mr. Alonge,

Direct from the manufacturer.

Robert Barr 56 Services 716.341.8601

----Original Message----

From: Kidd, Rick A [mailto:kiddra@nlbusa.com]

Sent: Tuesday, October 20, 2009 3:25 PM

To: rob@56services.com

Subject: Vac Unit

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

> Rick Kidd

> NLB Corp

> Customer Service / Technical Support Mgr.

> 1-800-227-7652 Ext. 184

> Kiddra@nlbusa.com www.nlbcorp.com

- .

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

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OCT 22 2009

New York State Dept. of Labor Engineering Services Unit



Model No. 36-9950-15A

Lightweight Ultra-High Pressure SPIN JET®



The NLB Model 36-9950-15A lightweight SPINJET © combines the awesome cleaning power of ultra-high pressure water with the proven technology of our rot ating SPIN JET seals. This compact design weighs only 138 pounds (62.6 kg) and provides the ultimate in maneuverability and ease of operation. With features like a 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) Vscuum attachment for collection of water and debris.
- 15 inch (38.4 cm) cleaning coverage.

Specifications subject to change without notice

ILB Com.

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

(856) 423-2211 FAX: (856) 423-0997

lia 11606 Spencer Hwy, La Porte, TX 77571 lia 1323 E. Hill S., Signal Hill, CA 90755 (281) 471-7761 FAX: (281) 471-8738

🛍 159 Harmony Road, Mickleton, NJ 08056 🔯 14302 Highway 44 N., Gonzalez, LA 70737 (225) 622-1666 FAX: (225) 622-7366

(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.

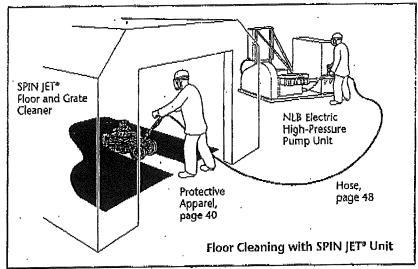
FEATURES/BENEFITS:

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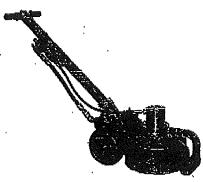
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New York State Dept. of Labor Engineering Services Unit Pt 7 of 21



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.





Sunt Part No.	Discharge Pressure (Max.)	Max. Flow	Potation Speed	Air	Weight	Width	Nozzies
DR\$12481	40,000 psi (2,800 bar)		2,000 rpm	65 psi @ 50 cfm (4.5 bar @ 23.6 l/s)		· 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.



Şəal Part No.	Discharge Pressure (Max.)	Max. Flow	Rotation Speed	Air .	Weight	Width	Nozzies
DS8800A-1	40,000 psi (2,800 bar)	11 gpm <i>(42 lpm</i>)		90 psi @ 100 cim (6.2 bar @ 47.2 l/s)	315 lbs. (143 kg)	23° (58 cm)	Up to 16



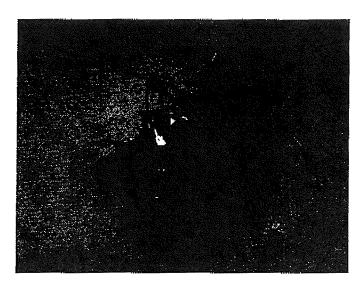


Image 1 - Equipment Detail - Floor Tool Head

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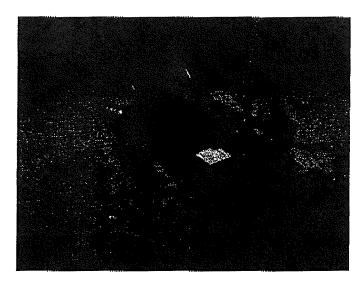


Image 2 - Equipment Detail - Floor Tool Head

Robert Barr - NYS Project Designer #93-19183

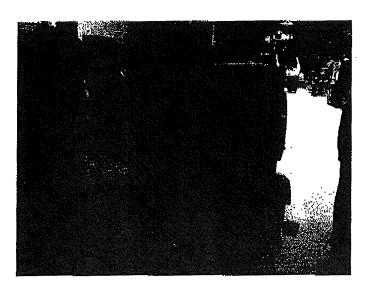


Image 3 - Equipment Detail - HEPA Filter Enclosure for Blower Exhaust

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

Robert Barr - NYS Project Designer #93-19183

FEATURES

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PORTABLE SHOWER

SPECIFICATIONS Minute August

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New York Cate Ospe, of Labor Engineering Services Unit

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HF2.2 TWO STAGE FILTRATION SYSTEM



SPECIFICATIONS

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STREET

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FRATURES

* Heavy duty aluminism cabinet

- Modular control panel Salving one
- Sealed control box

- catters 2 w/waks
- Huggad carrying

BENEFITS

- ± Lightweight durable rust resistant
- · Libritro: panel unplige for Assy remova:
- Elminotes leakaga ងរាយអាជ ដូចបន្រង់
- · HEPA litter is locked in · Assures a positive seal Bround HEPA fixer
- · Four heavy duty swire: · Pravides sesy mobility
 - · Provides easy partsocity

SPECIFICATIONS

- Диналькова.
- 140 00 We give
- Ar flore:
 - 1975 (righ speed) 1000 (5% speed)
- Viotor:
 - athbrent 115V, GONZ, 15 Airos
- Power Supply: Bode
- 二体的生
- monomula Ceu Prentry 24" x 24" - 2 4, 146

117: HP - 2 Speed - high

37 '/*" × 86 '/ / * 32'/#

- Secondary: 24" x 24" 3 bly rata മെയി
- HEPA PHOP: 24v x 24 x 31 1/1





Robert Barr - NYS Project Designer #93-19183

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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New York Other Sopt of Labor Thylicsoling Busyloss Unit py 11 of 21

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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.

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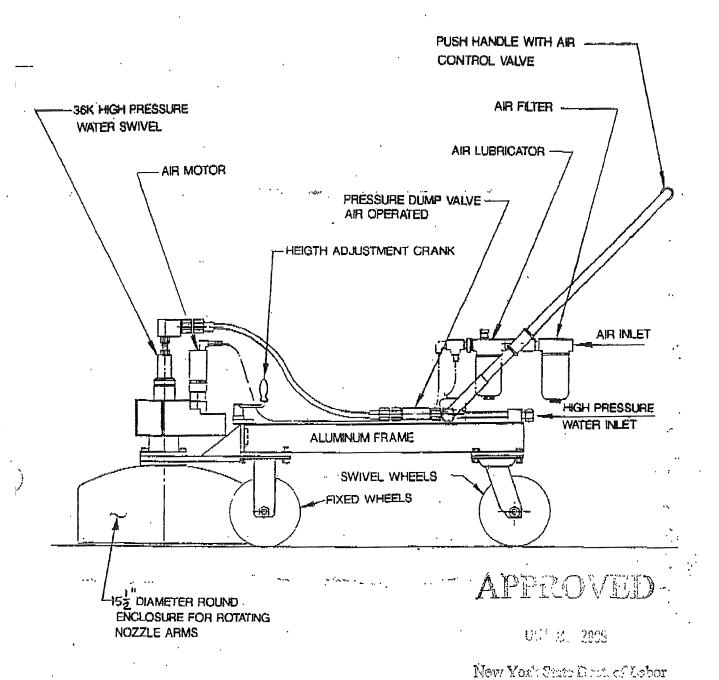
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GENERAL ARRANGEMENT MODEL 36-8300-15A SPIN JET PAINT STRIPE REMOVER

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mg 13 0/24

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

New York Ortalian Section 14 ab

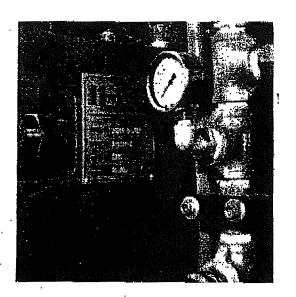
MODEL AND SERIAL NUMBER

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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Merr York State Dept. of Lebor Engineering Services Unit



MODEL AND SERIAL NUMBER ON PUMP

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FEATURES OF THE PUMP

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

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

THE OPTIONAL GEAR-PAC HAS THE FOLLOWING FEATURES:

- A. BOLTS TO A STANDARD POWER END. A SMALLER COUPLING IS REQUIRES THAN FOR AN ENGINE-MONTED GEAR.
- B. CAN BE MOUNTED ON THE OPPISITE SIDE OF THE PUMP IF EVER NECESSARY TO REVERSE ROTATION.
- C. GEAR AND PINION ARE CROWN-SHAVED, MADE OF FORGED ALLOY STEEL.
- D. GEARS HAVE AN AGMA SERVICE FACTOR OF 2.
- E. HIGH THERMAL POWER RATING WILL OPERATE IN AN AMBIENT AIR OF 40° C WITHOUT EXTERNAL COOLING.

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

- A. THE FRAME PLATE BOLTS AND ALIGNS TO THE FACE OF THE POWER FRAME. IT IS THE BACK BONE OF THE LIQUID END. IT SUPPORTS ALL OTHER COMPONENTS OF THE LIQUID END. THE FRAME PLATE IS MADE OF HIGH-GRADE CARBON STEEL AND IS NICKEL-PLATED TO MINIMIZE CORROSION.
- B. LIQUID END COMPONENTS ARE RETAINED BY HIGH STRENGTH STEEL BOLTING THAT THREADS INTO THE CARBON STEEL FRAME PLATE. EXCEPT FOR THE SUCTION AND DISCHARGE CONNECTIONS, THERE ARE NO THREADS IN ANY OF THE STAINLESS STEEL PARTS, MINIMIZING THE POSSIBILITY OF GALLING THE STAINLESS STEEL.
- C. ALL PRESSURE-CONTAINING PARTS ARE MADE OF HIGH-STRENGTH STAINLESS STEEL, CERTIFIED FOR CHEMICAL AND PHYSICAL PROPERTIES.
- D. THE MANIFOLD IS SEPARATED FROM THE AREAS OF THE LIQUID END EXPOSED TO FULL PRESSURE EXCURSIONS. (IT SEES A STEADY DISCHARGE PRESSURE IN THE DISCHARGE PORT AND A STEADY SUCTION PRESSURE IN THE SUCTION PORT.)

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- E. THE VALVE ZATS CLAMP BETWEEN THE .ANIFOLD AND THE PRESSURE SLEEVES.
- F.-THE SUCTION AND DISCHARGE VALVES ARE CONCENTRIC. THE SUCTION VALVE IS A DISC-TYPE VALVE. THE DISCHARGE VALVE IS A BEVEL-SEAT WING-GUIDED VALVE.
- G. O-RINGS ARE USED ONLY ON THE PUMP MANIFOLD. THEY ARE EXPOSED TO STEADY PRESSURES ONLY.
- H. A RAISED METAL-TO-METAL SEALING FACE IS PROVIDED AT EACH END OF THE PRESSURE SLEEVE. THESE SEALS ARE THE ONLY STATIC SEALS EXPOSED TO THE FULL PRESSURE EXCURSIONS AS THE PUMP RUNS.
- I. THE PACKING CARTRIDGE IS EASILY REMOVED FOR CONVENIENT PACKING REPLACEMENT ON A WORK-BENCH.
- J. THE PACKING IS SPRING-LOADED, ELIMINATING REQUIREMENTS FOR ADJUSTMENT. (THERE IS NO GLAND.)
- K. THE PLUNGER IS SOLID TUNGSTEN CARBIDE. IT IS CLAMPED AND ALIGNED TO THE CROSSHEAD STUB WITH A NUT AND CIRCULAR SNAP RING.
- L. LUBRICATION FOR THE PACKING IS PROVIDED ON THE ATMOSPHERIC SIDE, FROM A MECHANICAL LUBRICATOR DRIVEN FROM THE END OF THE PUMP CRANKSHAFT.
- M. THE OIL FLOWS THROUGH CLEAR TUBES TO THE PACKING, ALLOWING VISUAL MONITORING OF THE FLOW. THE SMALL-DIAMETER TUBES FILL QUICKLY DURING INITIAL OPERATION, AND THE SMALL COPPER TUBE, AT THE FLANGE, INHIBITS LOSS OF OIL FROM THE TUBE DURING IDLE PERIODS. WATER SPRAY ON THE PLUNGERS IS NOT REQUIRED, MINIMIZING DISPOSAL REQUIREMENTS.

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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:
 - IS DRIVEN FROM THE INPUT SHAFT. (IT RUNS ONLY WHEN THE POWER PUMP) RUNS.)
 - 2. PROVIDES A POSITIVE SUCTION PRESSURE TO THE POWER PUMP.
 - MAKES PRIMING EASY. IT QUICKLY FILLS THE POWER PUMP AND DISCHARGE SYSTEM.
- E. A CLEAR, FLEXIBLE HOSE BETWEEN THE CENTRIFUGAL AND POWER PUMP WHICH
 - ENABLES THE OPERATOR TO SEE THE WATER FLOWING INTO THE POWER PUMP.
 - 2. ABSORBS PULSES FROM THE POWER PUMP, SO THAT THE CENTRIFUGAL PUMP AND GAUGE ARE EXPOSED TO MINIMAL PULSATIONS.
- F. AN ACOUSTIC TYPE (NO MOVING PARTS) DISCHARGE PULSATION DAMPENER WHICH REDUCES THE POWER PUMP DISCHARGE PULSE. THIS REDUCES STRESSES ON BOTH THE PUMP AND DISCHARGE SYSTEM.
- G. A REMOTELY MOUNTED ACCESSORY MANIFOLD WHICH CONTAINS THE DISCHARGE GAUGE, RUPTURE DISC, AND CONNECTIONS FOR THE BY-PASS VALVE AND DISCHARGE HOSE. MOUNTING THIS MANIFOLD DOWNSTREAM OF THE PULSATION DAMPENER EXTENDS THE LIVES OF THE AUXILIARY EQUIPMENT.
- H. A LIQUID-FILLED DISCHARGE PRESSURE GAUGE.
- I. AN OIL-DAMPED BY-PASS VALVE.
- J. TWO RUPTURE DISCS: ONE AT THE PUMP AND ONE AT THE ACCESSORIES MANIFOLD.

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SPECIFICATIONS AND RATINGS

LIQUID END

PLUNGER DIA 0.660"

(16.7MM)

STROKE LENGTH:

4,25 INCHES (10.8 CM)

MAXIMUM WORKING PRESSURE (PSI)

36,000 (2,482.7 BAR)

DISPLACEMENT (US GPM)

6.0 (22,7 LPM)

VOLUMETRIC EFFICIENCY AT MAXIMUM PRESSURE

90%

MAXIMUM OPERATING TEMPERATURE (OF WATER)

100°F (38°C)

MINIMUM REQUIRED SUCTION PRESSURE (PSIG)

30 (2.1 BAR)

CONNECTIONS

SUCTION: DISCHARGE:

1/2" NPT 9/16" 60,000 PSI (4,137.9 BAR)

MATERIALS OF CONSTRUCTION, ALL WETTED PARTS:

STAINLESS STEEL

PACKING:

SQUARE-RING SEALS

PACKING LUBRICATION:

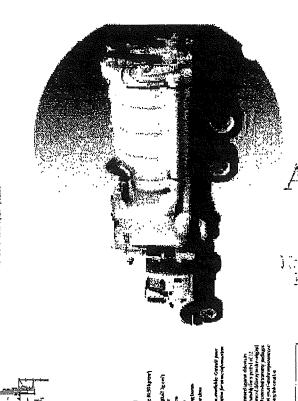
ATMOSPHERIC-PRESSURE OIL FROM MECHANICAL

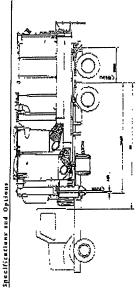
LUBRICATOR

OPTIONAL GEAR-PAC RATIO:

OUT 2 - 2059

Hew York Stone Further First





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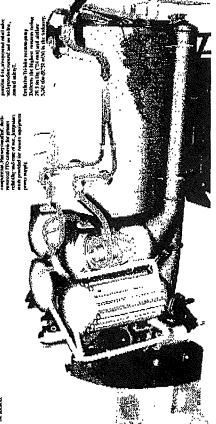
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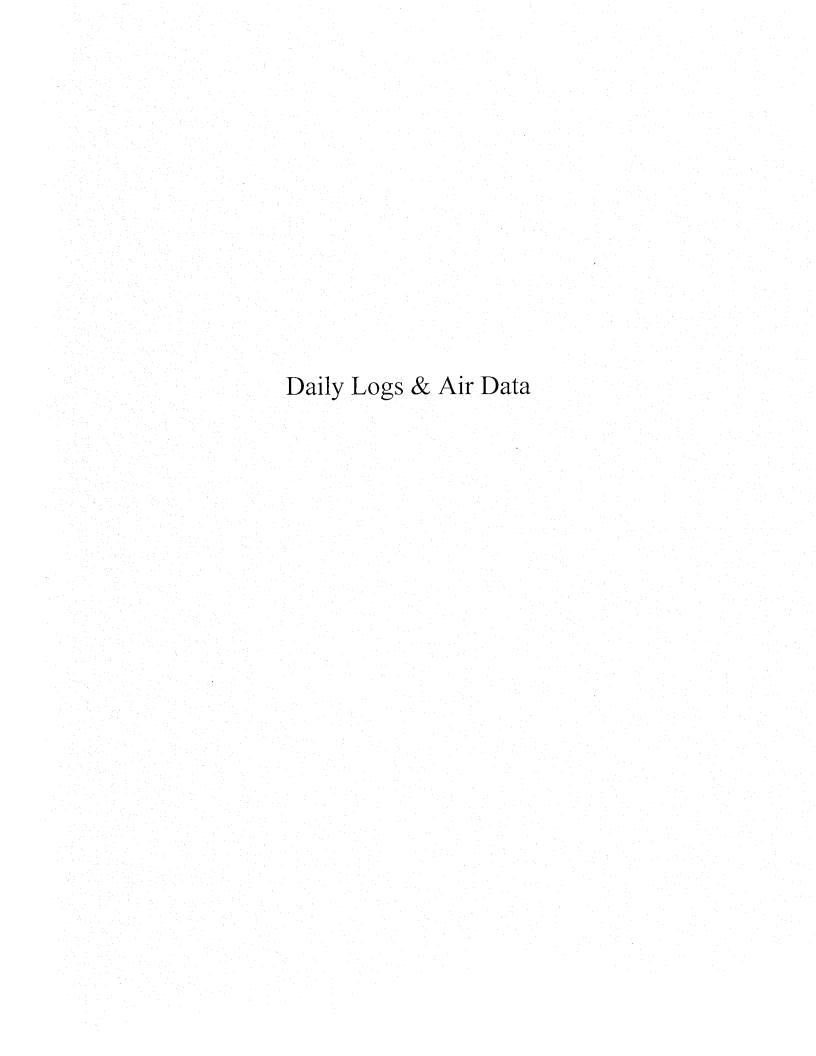
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New York State Doct. of Labor Engineering Services Unit 821,421

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	Air Sa	ampling Log B	ook	
	•	CRR amended January	1 1	
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Building / Location: Midtow	Tove,	Work Area: 9th floor	· S	hift 🔗 B C
Project Description	•			. A. K. S
EmpW state Develop	nent Client / C	Owner Representative (Print Name)	Client C	Mwk 5- ontact (Print Name)
Chubria Abatement Contractor (Print Name)		ent Supervisor (Print Name)		
•			NYSDO	L Asbestos Handling Certificate Number
Yes 🖸 No 🗆	Rotome	G G ter Number	· Date of	Last Calibration
Map Completed Phase IB	Phase IIA	Phase IIB	Phase IIC	Phase IIC
Project Phase Backgrounds	Work Preparation samples	Asbestos Handling Samples	Final Cleaning Samples	Clearance Air Samples
Class I	Class II	Large 🔀	Small	Minor
Job Type Spray on fT ftm 1		l W	with multiple removals	
Type of Material	Sg/ft		with multiple removals	
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Name of the state				
- Application -			143,073	
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DUH				
Air Technician Signature The Air Monitoring Log Book is a multi-page doct	 ument which must be viewed in its ent	tirety.		

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

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

10 848.09 Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

09	1008
Job Ticket #	!
3/2	76

Lab Job #

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Fibers/100 Fields:	3.5		3	185	4.5	25	1/	23.5	10	145	0	0,5
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Comments:

Verbols to Dave: SH 9-10-09 2:21pm

environmental consultants, vnc.
Air Sampling Log Book
As per 12NYCRR amended January 11, 2006
Project Monitor: Date: 9/9/09 Job Ticket #: 3/2 76
Building / Location: Willow Tore Area: 10th flow Shift (A) B C
Project Description
Client / Owner (Print Name)
Abatement Contractor (Print Name) MWF Abatement Supervisor (Print Name) NYSDOL Asbestos Handling Certificate Number
<i>(*)</i> ,
Yes No Date of Last Calibration Map Completed Rotometer Number Date of Last Calibration
Phase IB Phase IIA Phase IIB Phase IIC Phase I
Project Phase Backgrounds Work Preparation samples Asbestos Handling Samples Minor
Class I Large 🔀 Chass II
Job Type Spring on, fTm, fire down, wem Sq/ft Ln/ft Project with multiple removals
Type of Material
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Time of air sampling pump check Notes
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Air Technician Signature
The Air Monitoring Log Book is a multi-page document which must be viewed in its entirety.



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

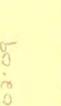
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Post- Calibrated Flow Rate	Ч	4	4	1	4	1	4	4	4	4				
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End Time Military Time	0.741	191	0.741	0742	0 142	0744	0745	0745	0745	0.746				
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Fibers/cc:	1.01	1.01	1.01	2.01	2.01	2.01	,011	1.01	.010	.012	_	_		
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environmental consultants, inc

Ai	r Samplir	ng Log B	ook		
As per	12NYCRR ame	ended January	11,,2006		
Project Monitor: Air Technician: O		Date:	nlalon	Job Ticket #:	36340
Building / Location: Millow Tove	Work Area:	9th and	10th flow	Shift (A)	в с
Project Description					r 11
Client / Owner (Print Name)				Marx	Sinttle
	Client / Owner Repress	_		Client Contact (Phrit Nami	ej
Abatement Contractor (Print Name)	Abatement Supervisor	(Print Name)	,	NYSDOL Asbestos Handl	ing Certificate Number
	Abatement Supervisor	-1			_
Yes No □ Map Completed	Rotometer Number	<u> </u>		Date of Last Calibration	decident and the second and the seco
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Project Phase Backgrounds Work Preparation sar		tos Handling Samples	Final Cleaning S	Samples C	learance Air Samples
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Air Technician Signature The Air Monitoring Log Book is a multi-page document which must be viewed	d in its entirety.		A CONTRACTOR OF THE PARTY OF TH		





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

Lab Job #

Chain of Custody Meets NYCRR 56 amended January 11, 2006

Asbestos Air Monitoring

Job Ticket# 36340

Empire	State D	evelop	oment C	Corpora	tion			MNK	ontact .				
Client	1		-	146	410	41		Client C	ontact	Client	Contact I		
	our 7	our	- (1 600	10th.	flour	_	Air Tach	Vark		chnician		
Building/L	brich			Work Are	ea 			Air Tech	inician	Air re	cnnician	rione	
Contracto			-	Contract	or Contac	t	-	Fax Results To: Fax #					
	51							80	de los				
Rotometer	r #			Cassette	Lot#		-	Material	s to be Rei	noved			
Project \triangle									0		*		
Phase	Phase I	В	Phase I	IA 🗹	Phase I	IB 🗌	Phase IIC Phase IIC Env.						
Field Data	Backgorund		Work Area P		Asbestos Ha		Final Clear	ning	Clearance A	irs			
Field	and Sampi	ing Prov			Onmenial	Consultar		1					
Sample #	0-6	0-7	0-8	0-7	0-10	13-1	0-5						
Pre- Calibrated	7	7	7	7	7	1							
Flow Rate)	2	2	2	2		1						
Calibrated	3	3	7	3	7								
Flow Rate			-		1000	W. G.							
Average Flow Rate	¥3	3	3	3			n.			1:			
Start Time Military Time	0711	0717	0714	0715	0710								
End Time Military Time	1711	1712	1714	1715	17/0								
Duration (Minutes)	600				7								
Sample Volume (Liters)	1800				7	V	V						
Laboratory	analysis P	erforme	d by: Parac	ligm Envir	onmental S	Services, i	Inc.				ELAPI	D # 10958	
Lab Sample #	99	835	836	837	838	839	846	,	1				
Fibers/100 Fields:	14	17	11	160	9	0	0			1.	3		
Fibers/cc:	40.01	20.01	10.01	10.01	20.01								
Samples Relinguished By:								Date:	11/11	109			
Received in Lab By:								Date:	11.12	P0.1			
Analyzed By:								Date:	11.18	. 00			
Microscop	e Make, M	lodel & #	<i>‡:</i>	P				Turn-arc	visa of Time of		2411	10-ta-	
				0		1		Immed.	24 Hr.	48 Hr.			

environmental consultants, inc

Air	Sampling Log B	look	
Project Monitor: As per 12 Air Technician: Air Technician:	2NYCRR amended Januar Date:		icket #: 36,34 2
Building / Location: Middown Tover	Work Area: 9th med	10th flow Shi	
Project Description Yes 5 OC			nerk Smith
Canbriz	lient / Owner Representative (Print Name) MML batement Supervisor (Print Name)		tact (Print Name)
Yes ⊠ No □	otometer Number		st Calibration
Project Phase Backgrounds Phase IIA Phase IIA Work Preparation sample	Phase IIB X	Phase IIC Final Cleaning Samples	Phase IIC Clearance Air Samples
Job Type Spay on, FT/Fth, MMS, MJP	Large 🗖	Small	Minor
Type of Material Sq/ft	Ln/ft Project	with multiple removals [2	<u> </u>
1st Check 2nd Check 3r Time of air sampling pump check Notes	d Check 4th	Check 5t	h Check
· (1 () \ (1)	ounps to 3cpm	\	
Sot up pumps beginning (Checked pumps often to i Boke down pumps (~170		- all good - Set up times	
Submitted all Shingled &	0 103		
		WAR	
	HAMP TO SERVICE	-	
Air Technician Signature			
The Air Monitoring Log Book is a multi-page document which must be viewed in it	te antiraty		



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

Lab Job #

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

	Serie	-	100	7	0	
04	1	10-	78)		
Job Tick	cet	#				
34	0	14	2			

Empire	Empire State Development Corporation								Smit	th		
Client				ln				Client Co	ntact	Client	Contact I	
Midton		res	9	had	1000	100/		D.	PNK	· ·	abnician	294
Building/L				Work Are	a			Air Technician Air Technician Phone				
Contracto				Contract	or Contac	t		Fax Resu	ılts To:		Fax #	
Comracto	1			Commact	or comac				An	100		
Rotometer	- #			Cassette	Lot#		-		to be Rei			
•											*	
Project Phase	Project						Phase	IIC 🗆	Phase I	IC 🗆	Env.	1
7 71430	Backgorund		Work Area P		Asbestos Ha	- Land	Final Clean		Clearance A			,
Field Data	and Samp	ing Prov	ided By: Er	nvoy Envir	onmental	Consultan	its, Inc.					
Field Sample #	0-6	0-74	0-75	27	0-70	0-8	0-9	0-10	0-11	1-17	11-13	0-14
Pre-	0.4	U W		0-10	0 19			U / U		-		
Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	5
Post-							-	-		7		7
Flow Rate	3	3	3	3	5	3	3	5	3	2	J	5
Average Flow Rate	3	3	3	31	3	A	3	3,	3	3	3	3
Start Time				1	7	7					1	
Military Time	0701	0713	0714	0716	0117	0710	1100	8000	6719	0710	0721	0721
End Time Military												
Time	1709	1713	1714	1716	1717	1710	17/1	1708	1719	1770	1761	1721
Duration (Minutes)	600	_			-						THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW	7
Sample	. 0											_>
Volume (Liters)	1800)		-	Market Street, or other Desired	Special Street, Square, Square						
Laboratory		erforme	d by: Parac	ligm Envir	onmental S	Services.	Inc.				ELAP I	D # 10958
Lab Sample	100			4.1		21	1000		- 1		L.17	2011
#	203	204	205	206	707	208	209	210	911	219	213	314
Fibers/100 Fields:	20	5	61	305	2.5	31	31	6	H,S	7	3	4
Fibers/cc:	1.01	2.01	,010	1.01	6.01	(,0)	401	4.01	4.01	2.01	2.01	1.01
Samples Relinguished By:								Date:	11	12/0	1	
Received i	n Lab By:			-	R			Date:	130	9		
Analyzed By:								Date:	1)-	14-09		
Microscop	e Make, N	lodel & i	#:	22	1113			Turn-aro	und Time	Immed.	24 Hr. (48 Hr.
Comments		1 1 1 1 1 1			1720					-	11	~~

Left voicement for Cow, SM 14409

2082

PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

14464-09 04 1078 Job Ticket# 36342



Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Empire	State D	evelor	oment C	orpora		MA	M Sm k	th				
Client								Client Co	ontact	Clien	t Contact I	Phone
	oun T	ve /	9	the	10th 4/	m		n	Park		317 7	294
Building/L	ocation			Work Are	ea .	ver	-	Air Tech			echnician	_
Cum				1	:11							
Contracto				Contract	or Contac	t		Fax Resi	ults To:		Fax #	
Comracto	51			Comract	or comac			Se.	e Air			
Rotometer	Rotometer # Cassette Lot #								to be Rei	noved		
Project	Δ				1		1	1				
Phase	Phase I	$B \square$	Phase II	IA 🗌	Phase I	IB Y	Phase	IIC 🗌	Phase I	IC 🗌	Env.]
Emilia e	Backgorund		Work Area P		Asbestos Ha		Final Clear	ning	Clearance A	irs		
Field Data	and Samp	ing Prov	rided By: Ei	nvoy Envir	onmental	Consultan	its, inc.	_			T	
Field Sample #	0-15	0-16	0-17	0-18	18-1	1.2						
Pre-	V 12	1	0 1	1		L						
Calibrated Flow Rate	3	3	3	3)	1						
Post- Calibrated	7	7	7	3	1							
Flow Rate)		46	~	-	-						
Flow Rate	3	31	3	34		1	85 min.		3: "		F	1.5
Start Time Military						1					1	
Time	MZZ	D122	0773	0723								
End Time Military Time	1777	1722	1723	1723								
Duration	LILE	1166	1102	110								
(Minutes)	600	_		-/								
Sample Volume (Liters)	1800	_		->	+	*						
Laboratory	analysis P	erforme	d by: Parac	ligm Envir	onmental S	Services, i	Inc.				ELAPI	D # 10958
Lab Sample #	215	216	217	218	219	200						
	013	0/16	011	3/18	0/1-/	000						
Fibers/100 Fields:	35	3	2	2	0	0						
Fibers/cc:	1.01	4,01	4.01	2.01	_	1						
Samples R	Relinguish	ed By:	1).	Park	/		Date:	11/	2/09		
Received i	n Lab By:				K			Date:	11-13-0	59		
Analyzed L	Ву:			SI	P			Date:	11-	14-75	1	
Microscop	e Make, N	lodel & f	#:	Jul	22111	3		Turn-around Time Immed. 24 Hr. 48 Hr.				

environmental consultants, inc.

	Air S	Samplii	ng Log E	3ook			,
Α	As per 12N	YCRR am	ended Januar	y 11, 2006		**************************************	
Project Monitor: Air Technician: O O	ww.	West of	Date:	11/13/09	Job Ticket	#: <u>363</u>	,44
Building / Location: Willton	Done	Work Area:	9th and	10th Mas	Shift f	9 B	С
Project Description						<i>c</i> .1.	
ESPC Client / Owner (Print Name)	Client	/ Owner Repres	entative (Print Name)		Client Contact (Print	Sin HU	`
Cumbria	5		IWIL ID		Olbite Contact (Fille	rvane)	
Abatement Contractor (Print Name)	Abate	ement Supervisor	(Print Name)		NYSDOL Asbestos I	Handling Certificate	Number
Yes 🗖 No □		51	1				
Map Completed	Roton	neter Number			Date of Last Calibrat	ion	
Project Phase Backgrounds	Phase IIA Work Preparation samples		se IIB X	Phase IIC Final Cleaning S		Phase IIC	
Class I	Class II		ge 🔯	_	samples 	Clearance Air S	amples
Job Type Spry un, Et Frm, m		Lar	le M	Small L		Minor L	
with the durs, win		Ln/ft	Project	with multiple remo	ovals 🗹		
- 1 =				_		······································	
The state of the s	eck 0900 3rd (Check /	000 4th	Check 1100	5th Che	ck 130	<i>9</i>
Time of air sampling pump check Notes							
n. c1. 0 av	55/11/	1/		as Mi			
on ste (206.		U g	Imps F	St Vin			
Det of June	plus seginn		20100		/ %		
checked all	pumps throu	ghost		to ware	geratn	N - 2	U gund
Boll down you			1400				<u> </u>
Dymitted Shin	phy to le	<u> 25 </u>			*		
The state of the s						······································	
1130 P. W.							
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THE PART OF THE PA						The state of the s	***************************************
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The state of the s			**************************************				-
THE STATE OF THE S			APALL AROUSE CO		NAMES OF TAXABLE PARTY.		
	MODEL PROGRAMMENT OF THE PROGRAM						DELIFERENCE MENON AND A STATE OF THE STATE O
HAM							
Air Technician Signature				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	OCCUPANA .		
he Air Monitoring Log Book is a multi-page docume	ent which must be viewed in its er	ntirety.					



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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

	1464409
	04/1078
*.	Job Ticket # 26344

Empire	State D	evelor	oment C	Corpora	tion	*****		Ma	K Shall	ds		
Client	4			n.As				Client Co	ptact	Clien	Contact I	
Midte	on to	DUC		7" and	10 1	1/00/		0	Pak	/ 3	1777	294
Building/L	ocation.			Work Ar			-	Air Tech	nician	Air Te	chnician i	Phone
Chin	5-12			B:	<u> </u>	. جفر						
Contracto	51	r ign		Contract	tor Contac	;t		Fax Resi	4 1	01	Fax #	
Rotomete	r #	٠٠٠ ۽ ڪُرم		Cassette	Lot#			Materials	to be Re	moved		
Project	\wedge				1		1				*	
Phase	Phase i	$B \sqcap$	Phase I	IA 🖂	Phase I	IIB 📈	Phase	IIC 🗌	Phase I	IC 🗀	Env.	,
	Backgorund		Work Area F		Asbestos H		Final Clear	ning —	Clearance A	Nirs		
Field Data	and Samp	ling Prov	rided By: E	nvoy Envii T	ronmental 1	Consultar T	its, Inc.	T	T	T	7	
Field Sample #	0-6	0-7M	070	0-8	09	0-10	0-11	0-12	0.13	0-14	0-15	0-16
Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Post- Calibrated Flow Rate	3	3	3	J	J	7	\$3	7	3	J	J	3
Average Flow Rate	3	3	3			1		11	47	3	ラブ	3
Start Time		-					1					
Military Time	0110	0715	.716	0112	OTIS	0711	0717	0717	0718	310	0714	0719
End Time Military	LINA S			1400	MOS	1401	1407	1407	1408	1408	1409	1409
Time	1400 #	1405	1400	170	1403	1401	1907	1701	1900	1700		1 (0)
Duration (Minutes)	420	**************************************			9. /							<i>→</i>
Sample Volume (Liters)	1260											->>
Laboratory	analysis P	erformed	d by: Parac	ligm Envir	onmental :	Services,	İnc.				ELAP I	D # 10958
Lab Sample	101					<%'						
#	581	583	<u>553</u>	584	565	566	581	555	589	590	591	592
Fibers/100 Fields:	Ч		5	3	4,5	2	Offeronice	3	0		1.5	0
Fibers/cc:	<0.01	20.0 \	40.01	10.01	<0.01	20.01	20.01	40.01	<0.01	KO.01	20 01	20.01
Samples R	Relinguish	ed By:	D	. Da	ル		.,	Date:		3/09		
Received i	n Lab By:	110-	- len		V			Date:	1.			
		ME	1		4	<u></u>			1). [7]	· 09		
Analyzed L	Зу:		Mi	- T	Y			Date:	1.1	491	9	:
Microscop	e Make, M	odel & #	l: , A					Turn-aro	und Time	Immed	24 Hr	48 Hr.
			17	1310=	74				1		e (Secretary and the second



ENVIRONMENTAL SERVICES, INC.

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

1 Lab Job # 14 649.09
01 1078 14

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Empire	State C)evelo	nment	Cornors	tion	24.0			1	4-	5. S.	
Client	Otate E	CVCIO	Difficint	Corpora			- 11.	Client Co	L Strott	V) Client	Contact	Phone
Mid.	Luca	This	1	ofth	1 164	Wala.		n. 1	Owks			244
Building/L	ocation	100 ~	mesi ^r	Work Ar	ea lo	1/42		Air Tech	nician	Air Te	chnician	
Camil				A:	11							
Contracto				Contrac	tor Contac	:t	-	Fax Resi	ults To:		Fax #	
*								See	: AV	Los		
Rotomete	r#			Cassette	Lot#		-	Materials	to be Re	moved		
Project Phase	Phase	ts —		Preparation	Phase I	andling	Phase Final Clear		Phase I		X Env. □]
Field Data	ano Samp T	iing Prov T	naea By: I	Envoy Envi	ronmentai T	Consultar	nts, inc.	T	1	ī		
Sample #	0-17	0-18	15-1	19-2								
Pre- Calibrated Flow Rate	3	3		***************************************								
Post- Calibrated	7	7				12.	-21					
Flow Rate Average Flow Rate		3				7		1.1	4			
Start Time Military Time	6720	0710	No.				1					
End Time Military Time	1410	1410	· · · · · · · · · · · · · · · · · · ·									
Duration (Minutes)	420	420	Control to setting and a setting a setting and a setting a setting and a setting and a setting and a setting and a setting a setting and a setting and a setting and a setting and a set								·	
Sample Volume (Liters)	1240	1200	7	4	×4.							
Laboratory	analysis F	erforme	d by: Para	digm Envir	onmental S	Services, I	Inc.	•			ELAP I	D # 10958
Lab Sample #	<i>5</i> 93	594	575	596	Z e							
Fibers/100 Fields:	0	. Administration	0			,						
Fibers/cc:	<0.0	<0.01	e-									
Samples R	elinauish	ed Bv:		9 5.	Λ			Date:				
•	J	,). ₁	Vak				11//	3/07		
Received i	n Lab By:			B				Date:	1	09		
Analyzed E		CIE						Date:		9/09		
Microscop	e Make, M	lodel & ‡	1: 1836	74				Turn-aro	und Time	lmmed.	24 Hr.	48 Hr.)
Comments	:						l l		- 3			

ENVOY environmental consultants, inc.

Air Sampling Log Book
As per 12NYCRR amended January 11, 2006 Project Monitor: Date: 11/16/1/1 Dob Ticket #: 36346
Building / Location: Mother Tower Area: 9th and 10th flow Shift B B C
Froject Description ### SDC Client / Owner Representative (Print Name) Client / Owner Representative (Print Name) Client / Owner Representative (Print Name)
Cumb-1 L Mark D.
Abatement Contractor (Print Name) Abatement Supervisor (Print Name) NYSDOL Asbestos Handling Certificate Number Yes No SI
Phase IB Phase IIA Phase IIB Phase IIC Phase I
Project Phase Backgrounds Work Preparation samples Asbestos Handling Samples Final Cleaning Samples Clearance Air Samples Class I Class II Large Small Minor Minor
With the dust with Sq/ft Ln/ft Project with multiple removals X
1st Check 000 2nd Check 1000 3rd Check 1700 4th Check (400 5th Check 1600
Time of air sampling pump check Notes
on son Q ousof all proms to John
Set of front beginner (2008) Checked all Samples Houghout day to indre gration - all good
Book down Shapes (- 1100 to sire with set of thes
Subinitied all samples to US
DAL
Air Technician Signature The Air Monitoring Log Book is a multi-page document which must be viewed in its entirety.



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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

1	10	4 1	-1
0	1/10	18	
Job Tick	et#		
3	03	16	

Empire S	State D	evelop	ment C	orpora	tion			Mn	K Smr	th			
Client				7 7 7 7	- 4 - 1 1 1 1 1			Client Co	ntact	Client	Contact F		
Midt		over	- 9	and	10th of	low		D. 1	wh	Alu To	14	99	
Building/L				Work Are	11			Air Technician Air Technician Phone					
Contractor				Contract	or Contac	,		Fax Results To: Fax #					
Contractor	7			Comiaci	or comac	•		A STATE ASSESSED.	An	100			
Rotometer	#			Cassette	Lot#				to be Ren	noved			
Duntant	^				1		1				*		
Project Phase	Phase I	ВП	Phase II	A	Phase I	IB M	Phase	IC	Phase I	IC 🗆	Env.		
	Backgorund	s	Work Area P	reparation	Asbestos Ha		Final Clean	ng	Clearance A	irs			
Field Data	and Sampi	ling Prov	ided By: Er	nvoy Envir	onmental	Consultan	its, Inc.						
Sample #	0-6	0-74	0-70	0-8	0-9	0-10	0-11	0-12	0-13	0-14	0-15	0-16	
Pre- Calibrated	7	7	7	3	3	1	7	3	3	3	3	3	
Flow Rate))))		2	2			J	2	_	
Post- Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3	
Average Flow Rate	7	3	3	13	NA.	九	7	3.	3	3	3	3	
Start Time Military Time	0708	6712	0713	0710	0711	0709	0715	0716	0717	0717	0718	07.18	
End Time Military Time	1708	1702	1713	1710	1711	1709	1715	17/6	1717	1717	1718	1718	
Duration (Minutes)	600	-										->	
Sample Volume (Liters)	1800	-										->	
Laboratory	analysis F	erforme	d by: Parac	ligm Envir	onmental :	Services.	Inc.				ELAP I	D # 10958	
Lab Sample #	553	554	555	556	551	558	559	560	561	562	563	564	
Fibers/100 Fields:	16.5	11	210	8	12	3.5	8.5	35	3	1.5	8	4	
Fibers/cc:	1.01	2.01	4.01.	6.01	2.01	2.01	2.01	6.01	4.01	2.01	1.01	1.01	
Samples R	Relinguish	ed By:	1). (NK	,		Date:	11/16	109			
Received i	in Lab By:		-		T			Date:	1170				
Analyzed I	Ву:			SI	1			Date:	11-16	409			
Microscop	e Make, N	lodel & :	#:		22111	3		Turn-aro	und Time	Immed.	24 Hr.	48 Hr.	

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PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 14 (64) 7 09

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

05/1078 Job Ticket # 36346

					TORK OU	amondos	2000		- / 1			
Empire S	State D	evelop	ment C	orporat	ion			MARK	ontagt	r		
Client			ale		m is			Client Co	ntagt	Client	Contact F	
Widto		es	910	nd 10	4/1	10/				14	7772	
Building/L	4.11							Air Techi	nician	Air Te	chnician F	none
1 um	bin 13111										- "	
Contractor	Contractor Contact							Fax Results To: Fax #				
5								- del	HOV	107		
Rotometer	#			Cassette	Lot#			Materials	to be Ren	noved		
Project	^				1		1		0		*	
Phase	Phase I	ВП	Phase II	АП	Phase I	IB DO	Phase	IIC	Phase I	IC	Env.	
	Backgorund	s	Work Area P	reparation	Asbestos Ha	andling	Final Clean		Clearance A	1		
Field Data	and Sampi	ing Prov	ided By: El	nvoy Envir	onmental (Consultan	ts, Inc.	,				
Field		0-18	13-1	4-2	9							
Sample #	4-11	0 10	15-1	13-6								
Calibrated	7	7	1									
Flow Rate)	-										
Post- Calibrated	7	7	1.		+3							
Flow Rate)	1		1		-	1	1	- 14			
Average	7	3		1	grant House	- 4	-X				- 4	
Flow Rate Start Time	J	2			9							
Military	266											
Time	0719	0719			-							
End Time Military	1216	- 216	-1									
Time	1719	1719										1
Duration	1.00	1										
(Minutes)	600	600										
Sample Volume	1000	1200	V	Y								
(Liters)	1800	1800		-							= 1.5	D II 40050
Laboratory	analysis F	erforme	d by: Parac	digm Envir	onmental S	Services.	Inc.				ELAPI	D # 10958
Lab Sample												
#	565	566	567	568								
Fibers/100 Fields:	2	3	0	0	4							
Fibers/cc:	1.01	4.01		and the invest	-							
Samples R	Polinguish	ed By:			Λ.	ū.		Date:		1		
Jampies	Ciniguisti	ou by.	3	D.	Parl	V		10000	11/1	16/09	120	
Received i	n Lab By:	7			TR			Date:	118 1	7 00		
Analyzed I	By:			- 1	12			Date:	, ,	10		
Allalyzea	Jy.			Sh					11-	18-09		
Microscop	e Make, N	lodel &	#:	0		-		Turn-arc	und Time	Immad	24 Hr.	18 Hr
	a promise v				22 111	5				mmea.	24 FIF.	40 111

ENVOY environmental consultants, inc.

Air San	ipling Log Book
Project Monitor: As per 12NYCR	R amended January 11, 2006 Date: $11/7/69$ Job Ticket #: 36348
	ork gth and 10th flow Shift @ B C
Project Description ESDZ Client / Owner (Print Name) Client / Owner	r Representative (Print Name) Mark Sinuth Client Contact (Print Name)
Chmbria n	LEIC D.
Yes Ø No □	51
Map Completed Phase IB Phase IIA Project Phase Backgrounds Project Phase Backgrounds Work Preparation samples	Phase IIB Phase IIC Phase IIC
Class I Class II	Asbestos Handling Samples Final Cleaning Samples Clearance Air Samples Large Small Minor Minor
Job Type Spray m, FT Pth, mns, mTr WM Fin dws, whals Sq/ft LI Type of Material	n/ft Project with multiple removals 💹
1st Check 550 2nd Check /030 3rd Check Time of air sampling pump check	k 1700 4th Check しぱい 5th Check ルの
Notes	
St D symps beginning	15 to arm
cleeked all jumps throughout	day to indre quatrice -44 good
Submitted all Shingles begin	ung (1706 & sque with out of times
DIX	
Air Technician Signature (/ T The Air Monitoring Log Book is a multi-page document which must be viewed in its entirety.	

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PARADIGM

PARADIGM

ENVIRONMENTAL SERVICES, INC

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

Lab Job # 177 6001

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

04	1078	
Job Ticke 30	# J48 🚫	VV.

Empire	State D)evelop	oment C	Corpora	tion			WA	11 Sm				
Client	our Ti		ĺ	اد یال	1415	ريدا لا		Client Contact Client Contact Phone				rnone Z 4 Y	
Building/L		Bed of		Work Are	9a			Air Techi	Air Technician Air Technician Phone				
(la los) Contracto	Mary State of the			Contract	or Contac	7		Fax Resi	Fax#				
3	and the	1000						Se An Los					
Rotometei	·#		in the second	Cassette	Lot#			Materials	to be Re	moved			
Project Phase Field Data	△ Phase Backgorund and Samp	ds		reparation		andling	T Phase Final Clean its, Inc.		Phase I		X Env. □		
Field Sample #	0-10	D-74	0-70	0-8	0-9	010	0-11	V 17	v-1.1	7-17	0-15	0-16	
Pre- Calibrated Flow Rate	3	3	3	3	J	J	3	3	3	3	3	1	
Post- Calibrated Flow Rate	- 3	3	-3	43	J	3	3	3	3	J	7	3	
Average Flow Rate	3	\3	(32)	- 3	J^{-1}	7	3	J	J	J :	-J=	3	
Start Time Military Time	לטרט	0711	6712	a 7v8	0709	1370 7	1171V	717	0716	6716.	0717	บาเว	
End Time Military Time	לטרו	71	1712	1 708	1707	1307	1714	1715	1716	1716	1717	on7	
Duration (Minutes)	100	المعاونية.											
Sample Volume (Liters)	1800	,											
aboratory	analysis F	Performed	d by: Parac	ligm Envir	onmental S	Services, I	lnc.		l e	ı ·	ELAP I	D # 10958	
Lab Sample #))) gu/	M.J.	843	1	份件	744/2	-47	1.9876	644	£40	$\phi \in t$	(3), (3)	
Fibers/100 Fields:		2	Υ,	2	2.5	0		0	0	2	Ō	2	
Fibers/cc:	1.5	<u> </u>		46.61	26.51	,	2 - 	Z t: 71	4 : 1] [40.0ľ	2001	Z1, 01	
Samples R	elinguish	ed By:	1	. 1	ulv			Date:	\overline{n}_{i}	-109			
Received i	n Lab By:							Date:	77	1809			
Analyzed E	Ву:	1.1	7				100	Date:	1111				
Microscop	e Make, N	fodel & i	#: 	L Jan	4			Turn-aro	und Time	Immed.	24 Hr.	48 Ar.	



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

Lab Job #

Asbestos Air Monitoring Chain of Custody

	$J = \{J : L_{ij} = I\}$
04	1076
lob Ticket	#

Faraira	Otata D				NYCRR 56	amended	l January						
Empire Client	L 201				uon U Ju ^y	¹ Was	7	Mixl Client C	ontact Nact	Clier	nt Contact		
Building/L	ocation			Work Ar	ea 11			Air Tech	nician	Air 7	echnician	Phone	
(hm Contracto	<u>ት</u> ተ ፣ ፈ r			V5	 for Contac	et e	- 10 - 10 10 10 10 10 10 10 10 10 10 10 10 10	Fax Res	ults To:		Fax#		
5	1						<u>.</u>	See Au (u) Materials to be Removed					
Rotomete	r#		Cassette Lot #					Materials to be Removed					
Project △ Phase Phase IB Backgorunds Field Data and Sampling Prov			Work Area Preparation Asbestos Handling				Phase IIC Phase IIC Clearance Airs				¥ Env. □		
Field Data Field Sample #	and Samp	ing Prov	лава ву: Е. Д-	NOY ENVI	ronmentar	Consultar	its, inc.						
Pre- Calibrated Flow Rate	100	7	1										
Post- Calibrated Flow Rate	3	3											
Average Flow Rate	3	.13	4-			53	+3.7-		7. 7				
Start Time Military Time	עורט	U)18											
End Time Military Time	@ 11 <u>}</u>	1711											
Duration (Minutes) Sample	600-	7											
Volume (Liters)	1700-	7	*	*		•					FLAR	ID # 1095	
Laboratory Lab Sample #	analysis r	enormed	Dy, Parac	igii Envii	Onmenta) :	Services,	HIC.				LLAI	# 1000	
Fibers/100 Fields:	3		O	0									
Fibers/cc:	26.1	20.01									1 52		
Samples R	Relinguish	ed By:		<u>)</u>		Date:	11/1	7/17					
Received in Lab By:								Date:	77	770	. <u>. </u>		
Analyzed L		1	T. J.			Date:							
Microscope Make, Model & #:								Turn-around Time Immed. 24 Hr. 48 Hr.					
Comments												Walker to the f	

environmental consultants, inc.

Air San	npling Log B	ook		
As per 12NYCF	RR amended January	/ 11, 2006		
Air Technician: D. Purk	Date:	11/18/04	Job Ticket #:	36350
Building / Location: Midden Tone A	vork rea: 9th mel	10th flar	Shift 6	ВС
ESDC			MWK	Santa
Client / Owner (Print Name) Client / Owner	er Representative (Print Name)	(Client Contact (Print Nam	
Chinbria Abatement Contractor (Print Name) Abatement S	WWK D		NVCDOL Ashastas Hand	in Contiferable Alice
Yes X No 🗆	51	,	NYSDOL Asbestos Handl	ing Certificate Number
Map Completed Rotometer N	lumber	I I	Date of Last Calibration	Moderate Late - Company in proceedables - Company in the Company i
Phase IB Phase IIA Project Phase Backgrounds Work Preparation samples	Phase IIB Asbestos Handling Samples	Phase IIC Final Cleaning Sa	VOT	Phase IIC
Class I Class II	Large	Small		linor
Job Type Spray on, ct/ptm, mm), mTP,				
Type of Material Sq/ft L	n/ft Project	with multiple remov	vals 🔀	Port Control of Contro
1st Check 1000 2nd Check 1000 3rd Chec	ck /200 4th	Check 1400	5th Check	1600
Time of air sampling pump check Notes		·		
on site O over I cal all	pumps to	BLPM		
Set is sums region P	07062			, , , , , , , , , , , , , , , , , , , ,
Cleeked all sumps throughou	+ day to	insure over	afir -	nll soud
Broke down Samples Steining P.			et a y	lare:
SignAted all Samphs to 16	_5			
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Provide			***************************************	
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				Washington and the second of t
PPR - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		Towns and the second		
				and the second s
•	**************************************		THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW	
		-		
DUPC				
Air Technician Signature The Air Monitoring Log(Book is a multi-page document which must be viewed in its entirety.				

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PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 14839-09

Asbestos Air Monitoring

Chain of Custody

Job Ticket #

Meets NYCRR 56 amended January 11, 2006 **Empire State Development Corporation** MAIL Smith Client Contact Client Contact Phone Client Midtom Ta Air Technician Air Technician Phone Work Area Cambria Fax Results To: Fax # Contractor Contact Contractor Se Ar Materials to be Removed Cassette Lot # Rotometer # Project Env. Phase IIC Phase IIB Phase IIC Phase Phase IB Phase IIA Backgorunds Work Area Preparation Asbestos Handling Final Cleaning Clearance Airs Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc. Field Sample # Pre-Calibrated Flow Rate Post-Calibrated Flow Rate Average Flow Rate Start Time Military 0718 Time **End Time** Military 1710 708 1713 709 Time Duration (Minutes) 600 Sample Volume 1300 (Liters) ELAP ID # 10958 Laboratory analysis Performed by: Paradigm Environmental Services, Inc. Lab Sample Fibers/100 Fields: Fibers/cc: Samples Relinguished By: Date: Date: Received in Lab By: Date: Analyzed By:

Comments:

Microscope Make, Model & #:

221113

Turn-around Time

Immed. 24 Hr.

48 Hr.

2 of 2



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 14839-09

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket # 36 35 0

Empire	State D	evelor	ome	nt C	Corr	ora		Mar	r 541	h		1/1		
Client		-,-,-							-	Client C	K Shirt	Clien	t Contact	Phone
midto	un T	nel			91	h	md 1	04 10	~	0.	PWK	/ 3	1177	294
Building/L	ocation				Wor	rk Are	ea		-	Air Tech			echnician	
Cura	briz					13	:/)							
Contracto					Cor	tract	or Contac	ct	-	Fax Res	Fax Results To: Fax #			
	51							iar.		Se	e div	- 605		
Rotometer	r #				Cas	sette	Lot#			Materials	s to be Re	moved		
Project	Δ						1		1		0		*	
Phase	Phase I	B	Pha	ise l	IA [Phase I	IIB 📺	Phase	IIC 🗌	Phase I	IC 🗌	Env.	
5 5	Backgorunds Field Data and Sampling Provi						Asbestos H		Final Clear	ning	Clearance A	Airs		
Field Data	and Samp	ling Prov	rided	By: E	nvoy	Envir	ronmental	Consultar	nts, Inc.		T	I	T	
Sample #	0-17	0-18	V)	VS	-2								
Pre-														
Flow Rate	3	3				1								
Post-		2												
Calibrated Flow Rate	3	3												
Average Flow Rate	3	3	144	1	2	15					4		*:	
Start Time				100			1			1 19			THE.	
Military Time	0720	0720		1.										
End Time														
Military Time	1720	1770												
Duration														
(Minutes)	600	600												-
Sample Volume	1800	1800	9	7	~	7								
(Liters)	1.86		d hu	Daras	dienes	Envir	anmontal !	Consison	Inc				FLARI	D # 10958
Laboratory	anaiysis P	eriorme	i by:	Parac	iigm i	Envir	onmentar	Services.	Inc.				ELAP	D# 10958
Lab Sample #	107	/oR	15	19	21	1								
Fibers/100	26	700	100		-									
Fields:	2.	3	()	6)								
Fibers/cc:	1.01	1.01	N.	14)	N	IA								
Samples R	Samples Relinguished By:										11 18	109		
Received in Lab By:										Date:	11-1	9.09		
Analyzed E	Ву:			0	0	1.				Date:				
- de la companya de l					1	1				11-20-09				
Microscop	Microscope Make, Model & #:									Turn-around Time Immed. 24 Hr. 48 Hr.				
	221113											mmea.	24 111.	40 111.

environmental consultants, inc.

Air Sampling Log Book
As per 12NYCRR amended January 11, 2006 Project Monitor: Air Technician: Date: 11/19/07 Job Ticket #: 36352
Building / Location: Midton Tower Area: 9th and 10th flow Shift (A) B C
FSDC Client / Owner (Print Name) Client / Owner Representative (Print Name) Client Contact (Print Name)
Chmbrin Mwk D. Abatement Contractor (Print Name) Abatement Supervisor (Print Name) NYSDOL Asbestos Handling Certificate Number
Yes Ø No □ S /
Phase IB Phase IIA Phase IIB Phase III Phase IIC Phase I
Project Phase Backgrounds Work Preparation samples Asbestos Handling Samples Final Cleaning Samples Clearance Air Samples Class I Class II Large Small Minor Minor
Class Class Large Minor Mi
Type of Material Type of Material Sq/ft Ln/ft Project with multiple removals
1st Check () Sono 2nd Check / Uro 3rd Check / 200 4th Check / 400 5th Check / 600
Time of air sampling pump check Notes
on sofe Q 0 655 / Cal all pumps to 32 vm
24 + 36 + 36 + 36 + 36 + 36 + 36 + 36 + 3
Chelled all pumps throughout day to insure operation - all , and Broke down all samples beginning (1710 to space with set of times
Broke down all samples beginning (21710 to space with get of times
Submitted and Sumply to IN
ASIP
Air Technician Signature The Air Monitoring Log Book is a multi-page document which must be viewed in its entirety.



ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket #

Empire	State D	evelop	ment C	orpora	tion			Mak					
Client		-		- the	= 11	1		Client Co			Contact F	Phone	
Mid	1000	Tour	1		11044	(low		Air Techi	MAK		chnician l	Phone	
Building/L				Work Are	ea 1 /			Air recin	liciari	All Te	Cimician	none	
Contracto	5110			Contract	or Contac	t		Fax Results To: Fax #					
Communic	51			oom ao			80 0-100						
Rotometer	r#			Cassette	Lot#			Materials	to be Rei	The table of the same of the s			
Do-t	^				4		1		0		*		
Project Phase	Phase I	se IB Phase IIA Phase IIB						IIC	Phase I	IC 🗆	Env.		
	Backgorund	s	Work Area P	reparation	Asbestos Ha	andling	Final Clean		Clearance A				
Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.													
Field Sample #	1-10	15-7M	0-70	1-13	0-9	0-10	011	0-12	0 13	0-14	0-15	0-16	
Pre-	11.0	V 141	0 1.2	13 V								-	
Calibrated Flow Rate	3	3	3	3	3	3	3	5	5	5	3	5	
Post-	-											-14	
Calibrated Flow Rate	5	3	3	3	3	3	. 5	5	2	3	2	3	
Average		4	- 3	4		1	37	7 1	7	- 7	7	7	
Flow Rate	-3	5	54)	5	1	マノ	2	7	2	21		
Start Time Military													
Time	0710	0715	0716	1012	0713	0711	0718	0719	0710	0710	0777	0766	
End Time Military													
Time	1710	1715	1716	1712	1713	1711	1718	1711	1780	1770	1727	1762	
Duration												_	
(Minutes)	600												
Sample Volume	1800											-7	
(Liters) Laboratory) orforma	d hur Daras	liam Envir	onmontal S	Sonicos	Inc				FLAPI	D # 10958	
	analysis F	enormed	by, Parac	ilgm Envir	onmentar s	Services,	iii.				LLATI	D # 10300	
Lab Sample #													
Elbaro/400			163		- 22								
Fibers/100 Fields:	5-	7		15	35	3	4	2	2	1)	0		
Fibers/cc:		10.01			1	47.01	10.33	z /	10 3 -		1		
Samples F	Polinguich	od By:		Λ				Date:	1	1			
Samples	tennguisn	ей Бу.	0	. 0	VK			Batt.	11/12	1/14			
Received	n Lab By:							Date:					
Analyzed I	By:	NI	OT				Date:						
Microscon	e Make. N							Turn-aro	und Time		0444	(10.11	
	Nicroscope Make, Model & #:									Immed.	24 Hr.	48 Hr.	

PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket #

Empire	State D	evelop	oment	Cor	pora	tion			MN	K. Smit	h			
Client								-	Client Co	ontact	Clien	t Contact		
Mid	wn -	Juan		5	P.	2 104	1/000		n	PWH		1772		
Building/L				W	ork Ar	ea			Air Tech	nician	Air Te	chnician	Phone	
Chart				-	L	51 / I			Fau Dan	ulta Tax		Fax #		
Contracto	-1			C	ontraci	tor Contac	et		1	/ A /				
Rotometer	· #	_		C	esette	Lot#			Materials	to be Re				
Notometer				_ 0.	isselle	LOT		72	materials	, to be ne	moved			
Project									"	0	uo 🗔	*	,	
Phase	Phase I Backgorund		Work Are		L	Phase I	-	Phase Final Clear		Phase I		Env.]	
Field Data									my	Great arrice F	urs.			
Field		0-18	3-1		3-2									
Sample #	0-17	0-19	0	- 1	3 4									
Calibrated	3	3			1									
Flow Rate Post-	9			-	-									
Calibrated	3	3												
Flow Rate Average														
Flow Rate	J	. 3		4				† .			0			
Start Time Military	. 44.4	6773												
Time End Time	0113	0.162	-	-										
Military Time	1773	1713												
Duration (Minutes)	600-	7												
Sample Volume (Liters)	1800-	7	1		7									
Laboratory	analysis F	erforme	l by: Pa	radign	n Envir	onmental :	Services, I	nc.				ELAP I	D # 10958	
Lab Sample #														
Fibers/100 Fields:	2	0	0		d									
Fibers/cc:	20001	100	NI	41	III									
Samples R	elinguish	ed By:		7		0	V		Date:	11/	110			
	O. Pur									11/1	4/07			
Received in Lab By:									Date:					
Analyzed E	Analyzed By:								Date:					
Microscop	Nicroscope Make, Model & #:								Turn-aro	und Time	Immed.	24 Hr.	48 Hr.	

environmental consultants, inc.

Air Sampling Log Book	
As per 12NYCRR amended January 11, 2006	The second secon
Project Monitor: Date: 1/20/09 Job Ticket #: 30	6355
Building / Location: Midtum Towar Area: 9th and 10th Ava Shift & E	3 C
KSDC Mark Single	h
ESDC Client / Owner (Print Name) Client / Owner Representative (Print Name) Client Contact (Print Name)	
Abatement Contractor (Print Name) Abatement Supervisor (Print Name) NYSDOL Asbestos Handling Cer	
Abatement Contractor (Print Name) Abatement Supervisor (Print Name) NYSDOL Asbestos Handling Cer	tificate Number
Map Completed Rotometer Number Date of Last Calibration	
Phase IB Phase IIA Phase IIB Phase IIC Phase IIC Phase IIC Phase IIC Phase IIC Phase Phase IIC Phase Project Phase Backgrounds Work Preparation samples Asbestos Handling Samples Final Cleaning Samples Clearance	IIC
Class I Class II Large 💢 Small Minor	
Job Type Sprey in Methy, mas, mit	
Type of Material Type of Material	1007000
1st Check baus 2nd Check 1015 3rd Check 1215 4th Check 1415 5th Check 16 Time of air sampling pump check	15
Notes	
on site Polent I tal all pumps to 36PM	
Set up sumples segmenty (2000	
checked all pumps throughout day to inside operation -	e, U god
Broke down sumples syinning () 1200 to some who get	se fines
Sibmitted an Samplis to 1.5	
	TOMBUL
·	
DIDL	
Air Technician Signature The Air Monitoring Log Book is a multi-page document which must be viewed in its entirety.	



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

Chain of Custody

Asbestos Air Monitoring	09/1078
Chain of Custody	Job Ticket #
Meets NYCRR 56 amended January 11, 2006	36355 (Elle
orporation Max Su	with 11/2019

Empire :	State D	evelop	oment C	orpora	tion			Ma		th		1 1	
Client			The World	h				Client Contact Client Contact Phone					
Midte	un To	w	6	1 and	10th +	1000		1)	Pak		-	1294	
Building/L	ocation			Work Are	a			Air Techi	nician	Air Te	chnician l	Phone	
Charl	orin			13	11								
Contracto				Contract	or Contac	t		Fax Results To: Fax #					
5								Le AV Lug					
Rotometer	#			Cassette	Lot#			Materials	to be Rei	noved			
Project	Δ				1		1	1 0 *					
Phase	Phase I	B	Phase II	A	Phase I	IB 🔽	Phase	IIC 🗌	Phase I	IC 🗌	Env.		
	Backgorund		Work Area P		Asbestos Ha		Final Clean	ing	Clearance A	irs			
Field Data	and Samp	ling Prov	rided By: Er	nvoy Envir	onmental	Consultan	ts, Inc.						
Field Sample #	0-6	0-79	0-75	0-8	0-9	0-10	0-11	0-12	0-13	0-14	0-15	0-16	
Pre- Calibrated Flow Rate	3	3	J	3	3	3	3	3	3	3	3	3	
Post- Calibrated Flow Rate	J	3	3	3	3	3	3	3	3	3	3	3	
Average Flow Rate	3	31	3	3	- 3	3	13	3	3	3	13	3	
Start Time Military Time	0706	6711	0712	0708	0708	0706	0720	6710	v712	U712	0774	0774	
End Time Military Time	1700	1711	1712	1708	1708	1706	1710	1720	1722	1722	1724	1724	
Duration (Minutes)	600	-									and the state of the state of	>	
Sample Volume (Liters)	1800	_	-								COLUMN TOWNS TO SERVICE AND SE	->	
Laboratory	analysis P	erforme	d by: Parac	ligm Envir	onmental S	Services, I	nc.				ELAP I	D # 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:	20.01	(0.01	40.01	40.01	(0.01	60.01	60.01	40.01	20.01	10.01	10.01	(0.0)	
Samples R	elinguish	ed By:	C	0. 8	wh			Date:	11/10	107			
Received i			1	127	0	1/1		Date:	111	23/0	7		
Analyzed E					3			Date: 11.33.09					
Microscop	e Make, M	lodel & i	#:	03	515		Turn-aro	und Time	Immed.	24 Hr.	48 Hr.		

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PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Asbestos Air Monitoring
Chain of Custody

Lab Job # 5016-09

09/1078

Job Ticket #

Meets NYCRR 56 amended January 11, 2006 **Empire State Development Corporation** Muk Smith Client Client Contact Client Contact Phone Building/Location Air Technician Air Technician Phone Cambra Fax Results To: Fax # Contractor Contractor Contact Dee Ar Los Rotometer # Materials to be Removed Cassette Lot # Project Phase IIB Phase IIC Phase Phase IB Phase IIA Phase IIC Env. Backgorunds Work Area Preparation Asbestos Handling Final Cleaning Clearance Airs Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc. Field Sample # Pre-Calibrated Flow Rate Post-Calibrated Flow Rate Average Flow Rate Start Time Military 0776 Time **End Time** Military 1726 726 Time Duration 600 (Minutes) Sample Volume (Liters) ELAP ID # 10958 Laboratory analysis Performed by: Paradigm Environmental Services. Inc. Lab Sample 200 Fibers/100 Fields: Fibers/cc: 10.01 Samples Relinguished By: Date: Received in Lab By: Date: Analyzed By: Date: Microscope Make, Model & #: Turn-around Time

Comments:

03515

Immed. 24 Hr.

48 Hr.

environmental consultants, inc

As per 12NYCRR amended January 11, 2006 Project Monitor: Air Technician: Date:
Building / Location: Middow Tow Area: gth and loth flow Shift B B C
1 Tolds Description
ESDC 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 Date of Last Calibration Map Completed Potometer Number Date of Last Calibration
Phase IB Phase IIA Phase IIB Phase IIC Phase IIC Phase IIC Phase IIC 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 an, At Ath, mith, mith
Type of Material Type of Material
1st Check 2nd Check 3rd Check 4th Check 5th Check Time of air sampling pump check
Notes
Set up an pumps beginny 00701 Micked and pumps throughout day to make apartin - 417 good
Sibniffed all Sundes to 125
Air Technician Signature



ENVIRONMENTAL SERVICES, INC.

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

Asbestos Air Monitoring

Chain of Custody

Lab Job # 15017-09

09/1078

Job Ticket#

7/0356

	Meets NYCRR 56 amended January 11, 2006												
Empire :	State D	evelor	ment C	Corpora	tion	1,491		Mi	K JMI	th		1.	
Client	State B	010101				-		Client Co	ntact	Client	Contact I	Phone	
Midd	Tina -	The	, 0	ith and	ea loth	flour		0.1	ak	31	772	44	
Building/L	ocation	1000		Work Are	ea			Air Tech	nician	Air Te	chnician i	Phone	
(um	1116			V3:	11					1			
Contractor				Contract	or Contac	t	- 1/2	Fax Results To: Fax #					
5	1							de	An	609			
Rotometer	#			Cassette	Lot#			Materials	to be Rei	noved			
Project	Δ		□ 1				1 0 *						
Phase	Phase I	B	Phase II		Phase I	-	Phase		Phase I		Env.]	
Field Data	Backgorund		Work Area P		Asbestos Ha		Final Clean	ing	Clearance A	dirs			
Field Data	ana sampi	Ing Prov	lided by. El	I Elivii	Onnemar	Consultar	ns, mc.					,	
Sample #	0-6	0-71	0-70	0-8	0-9	0-10	0-11	0-17	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	5	3	
Average Flow Rate	3	3	3	13	3	13	3	13	3	3	3	3	
Start Time Military Time	6709	0717	0715	0711	0712	0710	0717	0718	0717	0710	0721	0721	
End Time Military Time	1359	1704	1405	1401	1402	1400	1407	1408	1409	1410	1911	1411	
Duration (Minutes)	410					part of the last						7	
Sample Volume	1230	-									-	->	
(Liters) Laboratory		orformo	d by: Parac	liam Envir	onmontal 5	Santicas	Inc				FLAPI	D # 10958	
	arialysis r	enome	U by. Farac	Ingili Elivii	ommentar c	Jervices,	1					110000	
Lab Sample #	10350	562	03	04	05	06	07	08	09	10	11	12	
Fibers/100 Fields:	12	17	20	1	5.5	7	4	6	6.5	4.5	3	5	
Fibers/cc:	20.01	10.01	10.01	10.01	40.01	20.01	10.01	20.01	20.01	20.01	10.01	20.01	
Samples R	elinguish	ed By:	D.	Pu	IK			Date:	11/21	101			
Received i	n Lab By:		U	ST				Date:	11/2	3/19			
Analyzed E	Ву:			7				Date:	11 3	1.09			
Microscop	e Make, N	lodel & i	#:	1		Turn-aro	und Time		24 Hr.	48 Hr.			



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

Lab Job #

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

09 1078 Job Ticket# 36356

Empire	State D	evelop	omen	t Co	rpora		Mai	Sm it	h					
Client					1.				Client C	ontact	Clien	Contact	1 30 1 1 1 1 1 1 1	
Building/L	tur	Told	1			-d 10	flour		Air Took	YWK	3	17 72	74	
Cam's	ocation			V	Vork Are	ea			Air Tech	nician	AIFTE	chnician	Pnone	
Contracto				0	Contract	or Contac	t	-	Fax Results To: Fax #					
3	1					74 7 7 7 14 14 17		ADD: 1						
Rotometer	· #		-	C	Cassette	Lot#			Materials to be Removed					
Project	\wedge		Г			1		1		0		*		
Phase	Phase	B	Phas	e IIA		Phase I	IB M	Phase	IIC 🗌	Phase I	Env.			
	Backgorund		Work Are			Asbestos Ha		Final Clear	-	Clearance A	irs		-	
Field Data	and Samp I	ling Prov	rided By	/: Env	oy Envii	ronmental	Consultari	its, Inc.	1	T				
Sample #	0-17	0-18	15-1	1	15.2									
Pre- Calibrated	7	~												
Flow Rate	3	2			1									
Post- Calibrated	3	7												
Flow Rate	7)		-	+									
Average Flow Rate	3	3	1	- 4	À	25-" .	4 4	- 1	2	The b		-1		
Start Time Military Time	6722	6712												
End Time Military Time	1412	1412												
Duration (Minutes)	410-	7												
Sample Volume (Liters)	1230-	~	4	7	Y									
Laboratory	analysis F	erforme	d by: Pa	radig	m Envir	onmental S	Services, i	nc.				ELAP	D # 10958	
Lab Sample #	13	14	15		16									
Fibers/100 Fields:	3.5	6	0		0									
Fibers/cc:	10.01	20.01	M	41	VH									
Samples R	elinguish	ed By:	- /						Date:		1			
Samples R	emigaisn	ed by.	3	D.	VL	K			Date.	11/21	109			
Received in Lab By: Date: 11/23/09														
Analyzed I	Ву:				R				Date:	11:37	1.09			
Microscop	Microscope Make, Model & #:										Turn-around Time Immed. 24 Hr. 48 Hr.			
Comments:														

environmental consultants, inc.

	Air S	Sampling Log B	ook	
Ducing Maritan PT	Λ As per 12N	IYCRR amended January	1,1, 2006	
Project Monitor: Air Technician:	rak	Date:	12307 Job Tick	ket #: 36389
Building / Location:	on take	Work 4th M	1 10th How Shift	(A) B C
ESDL			1 A A 8:	or Smith
Client / Owner (Print Name)		t / Owner Representative (Print Name)	Client Contact	(Print Name)
Abatement Contractor (Print Name)	Abats	MWL D ement Supervisor (Print Name)	NYSDOL Ashe	estos Handling Certificate Number
Yes 🛱 No □		51	Widde	5005 Flamming Octanicate Number
Map Completed	Rotor	meter Number	Date of Last Co	alibration
Project Phase Backgrounds	Phase IIA Work Preparation samples	Phase IIB X	Phase IIC	Phase IIC
Class I	Class II	Large Z	Final Cleaning Samples Small	Clearance Air Samples Minor
Job Type Spray on, ATH		Large 12_1	Siliali 🔲	IVIIITOI L
Type of Material	Lindows Sq/ft	Ln/ft Project v	vith multiple removals	
1st Check 2nd	Check 3rd	Check 4th	Check 5th (Check
Time of air sampling pump check Notes				144,000
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Short In	And Anor	phone day - a	in jugar	
S. Smith	1 Style Man	to 165	4	***************************************
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The state of the s				III
Marie Control of the	- 45-6-4 AS-14-6-4 AS-14-6	***************************************		
			Julian Julian Market	TAMES AND STREET
MIKE				
Air Technician Signature	nument which must be viewed in its o	alicate	The state of the s	ALTERNATION OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE



ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

04	1078		
lob Tick	et#	16	0
30	035	1 5	OL.

Empire :	State D	ovelor	ment C	ornora			10 1			10			
Client	State D	evelor	inent C	orpora	lion		Client Contact Client Contact Phone						
	T AM	01.40	9	the are	110+2	410d	D. Park 317 7294						
Building/L		III-		Work Are	a		Air Technician Air Technician Phone						
Cam	brig			15	ill								
Contracto	Contractor Contact							Fax Resu	ilts To:	,	Fax #		
31								966	Au	607			
Rotometer # Cassette Lot #							Materials	to be Ren	novea				
Project	\triangle				1		1		0		*		
Phase	Phase I		Phase II		Phase I		Phase I		Phase I		Env.		
Field Data	Backgorund		Work Area P		Asbestos Ha		Final Clean ts. Inc.	ing	Clearance A	irs			
Field	and Gamps			10) 21111								. 11-	
Sample #	0-6	0-7M	0-73	0-8	0-9	1-10	0-11	0-12	0+13	0-14	0.12	0-16	
Pre- Calibrated	7	7	2	7	7	3	3	3	7	3	3	3	
Flow Rate	2	7	2	2	_	2	2	7	7	-	J		
Post- Calibrated	3	3	7	7	3	3	3	. 3	7	3	7	3	
Flow Rate	-		-)	- 1	13. 38		-	W. T. W.	7.	MX II	-		
Average Flow Rate	3	3	3	3	1	3	30		1	DA	3	7	
Start Time Military								4:					
Time	0704	0708	0709	0706	0707	0705	0711	0714	07/2	01/2	0713	0713	
End Time Military							1011	1			1010	1717	
Time	1704	1708	1709	1706	1707	1705	1711	1711	1712	1712	1713	1113	
Duration (Minutes)	600									-		->	
Sample	000												
Volume	COKI	-										-/	
(Liters) Laboratory	(0	erforme	d bv: Parac	liam Envir	onmental S	Services. I	nc.				ELAP	D # 10958	
Lab Sample	103												
#	731	732	733	731/	735	7.310	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:	10.01	40.01	(0.01	20.01	20.01	10.01	20.01	20.01	20.01	10.01	20.01	(0.01	
Samples Relinguished By:							Date:	11/2	3/07				
Received in Lab By:							Date:	11-24	1				
Analyzed I	Bv:			A	1			Date:					
, , , , , , , , , , , , , , , , , , ,				H	5				11.94	100			
Microscop	e Make, N	lodel & i	#:	23	5757			Turn-aro	und Time	Immed.	24 Hr.	48 Hr.	
000131													



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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

	5047	-09	
09	1078	1	
Job Ticke	t#	1)	15
30	,757	2/13	de

Empire	State D	evelop	oment C	Corpora	tion							
Midtour Tour gt and 10th of 1000								Client Co	ontact	Client	Contact I	Phone
Building/Location Work Area						-	Air Technician Air Technician Phone					
Cambria Bill								7, 7, 5, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7,				
Contractor Contact							Fax Res	Fax Results To: Fax #				
						-	Material	s to be Rei	mayad			
Rotometer # Cassette Lot #						4	waterials	to be ke				
Project Phase	Phase I	B	Phase I	/A 🖂	Phase i	IR W	Phase	IIC 🗆	Phase I	IC 🗆	₩ Env.	
	Backgorund	ls	Work Area F	Preparation	Asbestos H	andling	Final Clean		Clearance A			
Field Data	and Samp	ling Prov	rided By: E	nvoy Envir	onmental	Consultar T	nts, Inc.	_	T			
Sample #	0-17	0-18	13-1	13-L								
Pre- Calibrated	2	7		1								
Flow Rate Post-	2	2	-				-					
Calibrated Flow Rate	3	3						1			-	
Average	7	7		1	4 _ :	V.		2.11	9.54.0	100	A 0-	-
Flow Rate)	5					77	FR		T W		
Start Time Military Time	0714	0714				"				4		
End Time Military Time	1714	1714						- A				
Duration (Minutes)	600	600										
Sample Volume (Liters)	1800	1000	1	Y								
Laboratory	analysis F	erforme	d by: Parac	ligm Enviro	onmental 3	Services, I	lnc.				ELAP I	D # 10958
Lab Sample #	743	744	745	746								
Fibers/100 Fields:	4.5	3.5	0	0								
Fibers/cc:	40.01	10.01										
Samples Relinguished By:							Date:	11/2	3/01			
Received in Lab By:							Date:	11-2	4-09			
Analyzed L	By:			R				Date:	11 /2	1.00		
Microscop	e Make, M	lodel & #	¥:	10				Turn-aro	und Time	1.09	04.11	60
Microscope Make, Model & #:							Turn-around Time Immed. 24 Hr. 48 Hr.					

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enviror	nmenta	al con	sultani	ts, inc

Air Sampling Log Book
As per 12NYCRR amended January 11, 2006 Project Monitor: Date: 11 24 25 As per 12NYCRR amended January 11, 2006 Date: 11 24 25 Job Ticket #: 36361
Building / Location: Mid-fan Tower Area: 9th and 10th flow Shift (A) B C
ESP C Client / Owner (Print Name) Client / Owner Representative (Print Name) Client Contact (Print Name)
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
Map Completed Rotometer Number Date of Last Calibration Phase IIB Phase III Phase III Phase III Phase III Phase III
Project Phase Backgrounds Work Preparation samples Asbestos Handling Samples Final Cleaning Samples Clearance Air Samples Class I
Job Type Spring on, FT Film, mars, mot <u>WPm Fore downs, windows</u> Sq/ft Ln/ft Project with multiple removals Type of Material
Type of Material 1st Check 0800 2nd Check 1000 3rd Check 1700 4th Check 1400 5th Check 1200
Time of air sampling pump check Notes
on site O ober and pumps to sepan
Set up pumps beginning 00707
Brok dan pumps beginnin (1707 to Sync right set up times
Submitted all Sumplies to 125
· ·
Air Technician Signature (: The Air Monitoring Log Book is a multi-page document which must be viewed in its entirety.



ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

09/1078

Job Ticket #

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Empire State Development Corporation								Mus	4 Smr	th			
Client								Client Co	ntact		Contact I		
midt		buel	1	had		floor		Air Technician Air Technician Phone					
Building/L				Work Are	1			Air recnnician Air recnnician Phone					
Contractor				Contract	or Contac	t		Fax Results To: Fax #					
Comractor	-1			Comract	or comac			20	ni	100	7.230.0		
Rotometer # Cassette Lot #								Materials	to be Rei	noved			
	^				1		1		0		*		
Project Phase	Phase I	B	Phase II	АП	Phase I	IB IX	Phase	IIC	Phase I	IC	Env.	1	
	Backgorund	s	Work Area P	reparation	Asbestos Ha	andling	Final Clean	_	Clearance A			'	
Field Data	and Samp	ling Prov	rided By: Er	nvoy Envir	onmental	Consultan	ts, Inc.						
Field Sample #	0-6	0-7	0-713	0-8	0-4	0-10	0-11	0-12	15-13	0-14	0-15	0-16	
Pre-	1		1.0										
Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	J	3	
Post- Calibrated	0	-		-	-	-	7	7	2	7	7	- 7	
Flow Rate	3	3	3	5	3	5	3	3	3	3	J	7	
Average Flow Rate	3	3	3	3	3	TE is	-3	-3	3	J	-3-	3	
Start Time Military Time	0707	6709	0710	6732	0133	0708	6719	0719	0721	0721	0777	0723	
End Time Military Time	100	1709	1710	1732	1733	1708	1719	1719	1771	1771	1723	1723	
Duration (Minutes)	600	_		dr.					-			7	
Sample Volume (Liters)	1800										-	→	
Laboratory	analysis F	erforme	d by: Parac	igm Enviro	onmental 3	Services.	Inc.				ELAPI	D # 10958	
Lab Sample #	104	407	408	409	410	4/1	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:	20.01	(0.01	20.01	40.01	20.01	20.01	10.01	20.01	20.01	20.01	10.01	20.01	
Samples Relinguished By:						Date: 11 24 09							
Received i			GU					Date:	11-25	-09			
Analyzed L	Зу:			*	3			Date:	11-25	5.09			
Microscope Make, Model & #:								Turn-around Time Immed. 24 Hr. 48 Hr.					



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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

1110	7 1 0 1	
04	107B	
Job Ticket #	111	N
3631	01 50	

				Meets	VI OILIV SO	amended	dandary	11, 2000			00	1
Empire :	State D	evelop	oment (Corpora	tion			Mas	ontact	h		
Client				41-	. 41-	43	7	Client C			Contact	
Mido	un T	ower	0	1th and	100	floor		0.	Vark	1		
Building/L	ocation			Work Are	ea			Air Tech	nician	Air Te	chnician i	Phone
Cam	onh			13:	11							
Contracto				Contract	or Contac	et		Fax Res	ults To:		Fax #	
51	L							See	An	Log		
Rotometer	#			Cassette	Lot#			Materials	s to be Rei	noved		
Duntant	^				1		1				~	
Project Phase	Phase I	B	Phase I	IA 🗆	Phase I	IIR IV	Phase	IIC 🗆	Phase I	IC 🗆	₩ Env. □	1
, nasc	Backgorund		Work Area H		Asbestos H	-	Final Clear		Clearance A			J
Field Data												
Field		10	a 1	4 -								
Sample #	0-11	0-18	15-1	12.								
Pre- Calibrated	7	7										
Flow Rate	5	3										
Post- Calibrated	7	7										
Flow Rate	5	7				2 1						
Average	7	7"		. 1	1							
Flow Rate)	5	N.									20.00
Start Time												
Military Time	0725	0725			9.9							
End Time												
Military Time	1725	1715			×							
Duration	111					J						
(Minutes)	600	600				1						
Sample	1000	000		do								
Volume	1800	1800	A	V								
(Liters) Laboratory	11/0	_	d bv: Para	diam Envir	onmental :	Services.	Inc.				ELAPI	D # 10958
Lab Sample	ciricily ele-											
#	418	419	420	421								
E11 (400	110	161										
Fibers/100 Fields:	4.5	7	0	0								
	1.0	7			-							
Fibers/cc:	10:01	10.01	-									
Samples R	elinguish	ed By:	D	Par	V			Date:	11/24	109		
Received i	n Lab By:			51	1			Date:	11-21	5-19		
Analyzed E	Зу:			P				Date:				
				8					11.05	5.09		
Microscop	e Make, M	lodel & 1	# :					Turn-aro	und Time		21 Hr	48 Hr.
				035	157					mmed.	24 111.	40 111

Air Sampling Log Book
As per 12NYCRR amended January 11, 2006 Project Monitor: Date: 11, 25, 16, 17 Air Technician: Date: 11, 25, 16, 17 Date: 11, 25, 16, 17 Job Ticket #: .36362
Building / Location: Midton tow Area: 9th and 10th flow Shift & B C
SDL 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 D Map Completed Rotometer Number Date of Last Calibration
Phase IB Phase IIA Phase IIB Phase IIC 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 Dob Type Spring in 1 Ft Ktm. MAS 1 mTP
Type of Material Sq/ft Ln/ft Project with multiple removals X
1st Check 2nd Check 3rd Check 4th Check 5th Check
Time of air sampling pump check Notes
In ste Coloro/(al all youngs to scran
Set of pumps to ginning (0708
chilled all pumps throughout day to indire praction - all good
Broke down pumps to syne exactly with set up times
Submitted and Jamphs to 125
Air Technician Signature The Air Monitoring Log Book is a multi-page document which must be viewed in its entirety.



ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 5,22909

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket # 310 3 6 Z V

Empiro	State D	ovolor	omont C	`ornora	tion		and the same		54.1	1		
Empire	State D	evelor	ment C	orpora	tion			Client Co	Smit	Client	Contact I	Phone
midt	m	Town		gh and	1 10th	4/00	-	0.	Pak	/	317 7	294
Building/L	ocation	10		Work Are				Air Techi	nician	Air Te	chnician l	Phone
Cami	brin			Bi1								
Contracto	r			Contract	or Contac	t		Fax Resu			Fax #	
J	. 44			Cassette	1 0 4 4			Materials	to be Rei	r Lo	1	
Rotometer	**			Cassette	LUI #			waterials	to be ner	noved		
Project	Δ.		D1		T	ID ITS	T	uc 🗆	Phase		₩ Env.	i
Phase	Phase I Backgorund	_	Phase II Work Area F		Phase I	-	Phase I		Phase I.		Eliv.	l
Field Data									Size in the same			
Field Sample # 0-1 0-74 0-70 4-0 0-9 0-10 0-11 0-12 0-13 0-14 0-15 0-1												
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	J	3	3
Average Flow Rate	3.,	3.	3	3	3	3	Just,	3	3	3	3	31
Start Time Military Time	0708	0110	0710	6728	0718	0709	רורט	0717	0714	0714	0721	וברט
End Time Military Time	1408	1410	(410	1418	1478		1417	1417	1414	1411	1471	1421
Duration (Minutes)	420			1								-> .
Sample Volume (Liters)	1260											\rightarrow .
Laboratory	analysis F	erforme	d by: Parad	digm Envir	onmental S	Services, i	nc.				ELAPI	D # 10958
Lab Sample #	1053/6	317	318	319	320	321	322	323	324	325	326	327
Fibers/100 Fields:	0	14	9	5	3	2	3	5	3		2	1.5
Fibers/cc:	1.01	1,d	2.01	401	1.0	1.01	2.01	2.01	2,01	4.01	2.01	2.01
Samples F	Relinguish	ed By:	D	- P		Date:	11/2.	5/05				
Received in Lab By: My Hasenau								Date:	11/=	5/09		*
Analyzed		/	/ /	SU		Date:	11-a	18-09	9			
Microscop	e Make, N	lodel & 1	#:	221	113			Turn-aro	und Time	Immed.	24 Hr.	48 Hr.

2012



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 15229-09

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket # 36362 JW

Empire :	State D	evelop	ment C	Corpora	tion	1		Maj	Sm 14	n			
Client				all	, 42	-1			Client Co			Contact F	1.1
Midt	our To	ove/		9' wo	10th	floor	- 1		O.	INK		1777	
Building/L				Work Are	ea 				Air Tech	nician	Air Te	chnician l	none
Contracto	rich			Contract	or Contac		-		Fax Resu	ilts To:		Fax #	
Contracto	-1			Comraci	or comac	ı					100	, ux ii	
Rotometer	· #			Cassette	Lot#		-		Materials	to be Rei	noved		
Notometer				ousselle						_			
Project	Δ		01		T	ID H	Dh	T	uc 🗆	Phase I		₩ Env.	
Phase	Phase I Backgorund		Phase II Work Area F		Phase I Asbestos Ha		Final		IIC 🗆	Clearance A	_	Eliv.	
Field Data									mg	Oledianoc 7			
Field		. 10	.0.1	15-7									
Sample #	0-17	0-18	15-1	15-6			+	-					
Calibrated Flow Rate	3	3)	1						it.			
Post-	-	4											
Calibrated Flow Rate	3	7						1					
Average Flow Rate	3	3					4	- Ap 191	. S	- 5	_ =	ti NED	((2° (80=1)
Start Time Military Time	0723	0723											
End Time Military Time	1423	1473											
Duration								1					
(Minutes)	420	420						1					
Sample Volume (Liters)	1260	1200	4	4									
Laboratory	analysis F	Performed	d by: Parac	digm Envir	onmental S	Services.	Inc.					ELAPI	D # 10958
Lab Sample #	328	329	330	331									
Fibers/100 Fields:	3	3.5	0	0									
Fibers/cc:	1.01	1.01	NIA	NIA									
Samples R	Relinguish	ed By:	D.	Pa	K				Date:	11/	25/09	1	
Received i	n Lab By:	MA	Meser	alla		-			Date:	11/-	sfor		
Analyzed I	Ву: //	1-17	5	34					Date:	11-	28-00	7	
Microscop	e Make, N	lodel & 1	# :	2	21113				Turn-aro	und Time	Immed.	24 Hr.	48 Hr.
				00		C			454		The state of the s		-

Air Sampling Log Book	
As per 12NYCRR amended January 11, 2006	
Project Monitor: Air Technician: Date: 11/30/07 Job Ticket #: 3636	5
Building / Location: Midtum Tove Work Area: 7th and 10th flow Shift (A) B	С
ESDC MWK Smith	
Client / Owner (Print Name) Client / Owner Representative (Print Name) Client Contact (Print Name)	
Cambria max D.	
Abatement Contractor (Print Name) Abatement Supervisor (Print Name) NYSDOL Asbestos Handling Certificate N	ımber
Yes 💆 No 🗆 S/	
Map Completed Rotometer Number Date of Last Calibration	_
Phase IB Phase IIA Phase IIB Phase IIC Phase I	noles
Class I Class II Large 🗹 Small Minor 🗆	
Job Type Spray on Atlother mas, mil	
Type of Material Type of Material Sq/ft Ln/ft Project with multiple removals	
1st Check () 8 - 5 2nd Check 015 3rd Check 715 4th Check 1415 5th Check 1915	
Time of air sampling pump check Notes	
on Site POGET/ (I all groups to Jupan	
Set 10 Runes Sesimon P 0707	
S) All	
Districted an Simples to US	
	·
Air Technician Signature The Air Monitoring Log Book is a multi-page document which must be viewed in its entirety.	



ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

01/1078 Job Ticket # 363655

Empire	State D	evelor	ment C	orpora	tion			WAK	Smith	5		10
Client								Client Co	ntact	Client	Contact I	4
	in To	uer	97		10th 4	lar		0.	Vala	3	-	44
Building/L				Work Are				Air Techi	nician	Air Te	chnician I	Phone
(645				Bi	19	.4		Fax Resu	ilte To:		Fax #	
Contracto	51			Contract	or Contac	i.		See	Av 1	05	rax #	
Rotometer	#			Cassette	Lot#			Materials	to be Rei	moved		
Project	Λ				1		1		0		*	
Phase	Phase I	IB 🗌	Phase II	IA 🗌	Phase I	IB 🔯	Phase	IIC 🗌	Phase I	IC 🗌	Env.	l _e
Field Data	Backgorund		Work Area P		Asbestos H		Final Clean	ing	Clearance A	Airs		
Field	ana samp	Ing Prov		14			- 1		17	1.1		1/
Sample #	0-6	0-7A	0-78	0-8	0-9	6-10	0-11	0.12	0-13	0-14	015	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	EN.	13	3	73	为了	3	3
Start Time Military Time	0707	0708	6705	0178	0729	0707	0717	0717	0719	0719	0721	6721
End Time Military	1707	1708	1709	1778	1779	1767	1717	1717	1717	1719	1771	1771
Time Duration	10	1 / 0	170	1.70	171							
(Minutes)	600			***************************************								7
Sample Volume (Liters)	1800	-										\rightarrow
Laboratory	analysis F	Performe	d by: Parac	ligm Envir	onmental :	Services.	Inc.				ELAPI	D # 10958
Lab Sample #	100	151	152	153	194	155	156	151	158	159	100	161
Fibers/100 Fields:	9	13	16	8.5	5	7	4.5	6	11	7.5	4.5	3
Fibers/cc:	10.01	10.01	20.01	40.01	40.01	20.01	10.01	10.01	10.01	10.01	10.01	10.01
Samples R	Relinguish	ed By:	I) .	Purk	/		Date:	211	30/01		
Received i	in Lab By:		SI	1.	14		Date:	12-	1-09			
Analyzed I				1	-			Date:	12.0	2.09		
Microscop	e Make, N	Nodel &	#:	23	575	7		Turn-aro	und Time	Immed.	24 Hr.	48 Hr.

2012



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

Asbestos Air Monitoring Chain of Custody

09	1078
Job Tici	cet#
11.	745 00

				Meets	NYCRR 56	amende	d January	11, 2006		20,	,00	2, 7
Empire	State D	evelo	oment	Corpora	tion			MNX	Smitte	,		10
Client						4 1	-	Client C	Sm H	Clien	t Contact	Phone
midte	I mu	we		gh v	ea,	*/va	2	0.	Park		1772	94
Building/L	ocation			Work Ar	ea,		-	Air Tech	nician		echnician	
Camb	1114			13	11/							
Contracto	r			Contrac	tor Contac	ct		Fax Res	ults To:		Fax #	
5	1							SV	s to be Re	Lus		
Rotometer	r #			Cassette	Lot#		-	Material.	s to be Re	moved		
Project	Λ				1		1				×	
Phase	Phase i	B	Phase	IIA 🗆	Phase	IIB DO	Phase	IIC	Phase	IC 🗆	₩ Env.	1
	Backgorund	_		Preparation	Asbestos H	4	Final Clear		Clearance A			1
Field Data	and Samp	ling Pro	vided By:	Envoy Envi	ronmental	Consultar	nts, Inc.	8				
Field	0-17	0-18	11	15-2								
Sample #	0-11	0-10	15-1	13-6	1	-	1	1	1			
Calibrated	7	3	,	\								
Flow Rate)	1				-	1					
Post- Calibrated	2	3				25						
Flow Rate	2	2				100	1	0	1			
Average	7	7		1	-	Marin .	X -	- 1-1	5.	5	4-2	0 17
Flow Rate)			1 1	130		1 0	N. V.	17 7		
Start Time Military					B	100	1					
Time	0713	0723					1.5					
End Time Military							1					-
Time	1723	172)										
Duration												
(Minutes)	600	600										
Sample		111	4	1								
Volume (Liters)	(800	1800	*	7								
Laboratory	analysis F	erforme	d by: Para	adigm Envir	onmental	Services.	Inc.				ELAPI	D # 10958
Lab Sample												
#	162	163	164	1605								
Fibers/100						-						
Fields:	5.5	4.5	0	0								
Fibers/cc:	20.01	10.01		-								
		10		-				10	1 /			
Samples R	elinguish	ea By:	1	Part	(Date:	12/30/	09		
Received i	n Lab By:		-11	1~1				Date:	21 4-1	1		
, toodived i	Lub by.		SM					3010.	12-1	-09		
Analyzed E	Зу:			V	-			Date:				
					7				12.0	09		-
Microscop	e Make, N	lodel &	#:	1		in .		Turn-aro	und Time	Immed	24 Hr	18 Hr

Air Sampling	g Log Book
As per 12NYCRR amen	ded January 11, 2006
Project Monitor: Air Technician: Air Technician:	Date: 12/1/14 Job Ticket #: 36367
Building / Location: Wdw Tore Area:	It well with their Shift B B C
£SDL	printe Shith
Client / Owner (Print Name) Client / Owner Representa	•
Chmbria Min	
Abatement Contractor (Print Name) Abatement Supervisor (Print Name)	int Name) NYSDOL Asbestos Handling Certificate Number
Yes St No □ Map Completed Rotometer Number	Date of Last Calibration
Phase IB Phase IIA Phase	IIB Phase IIC Phase IIC
Class I Class II Large &	Small Minor Minor
isom fore divis finders Sq/ft Ln/ft Type of Material	Project with multiple removals 🖾
	if who had a little to the first the state of the state o
1st Check VIII 2nd Check MIN 3rd Check 17 Time of air sampling pump check	18 4th Check 1415 5th Check 1615
Notes	
on Ste () 0650 (ch all punes to	JUIL
Set p mans beginning 0 07/0	
chelled and pures theylast day	to mane contin - M 1000
Systematics and Sander to 145	C of of the
JUDETHER AN JUNIOS VS 12)	·
	ARTON AND AND AND AND AND AND AND AND AND AN
	· ·
	
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DIA	
Air Technician Signature The Air Magiliaring Los Book is a multi-page document which must be viewed in its cativaty.	



ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket #

Empire S	State D	evelop	ment C	orporat	ion				Smill	_		
Client						j		Client Co	ntact	Client	Contact F	
modeley	a Tue	11	9		10th X	100/		0.	Papa	5		54
Building/L				Work Are	a			Air Techi	nician	Air Te	chnician l	none
(mus	Vy h			Bil	1						= "	
Contractor				Contracte	or Contac	t		Fax Resu	ilts To:		Fax #	
	51					No. of Contract of		70	MIL	109		
Rotometer	#			Cassette	Lot#			Materials	to be Rer	noved		
Project	Λ				1		1		0		*	
Phase	Phase I	$B \sqcap$	Phase II	$A \sqcap$	Phase I	IB 🕅	Phase	IIC 🗌	Phase I	IC 🗌	Env.	
	Backgorund	s	Work Area P.		Asbestos Ha		Final Clean	ing	Clearance A	irs		
Field Data	and Sampi	ing Prov	ided By: Er	nvoy Envir	onmental (Consultan	ts, Inc.					
Field	D- 6	D-7M	120	11- A	0. 5	0-10	n- 11	. 17	0-13	0-14	0-15	0.16
Sample #	0.0	0-101	0.75	00	0 '	0 10	D. T.	11 11 11				
Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	3	3
Post- Calibrated	7	3	3	3	3	3	3	7	3	3	3	3
Flow Rate	1. 3	-	1			1	1 1 1/4		-1	A	Lak	. 5
Average Flow Rate	3	3	3	3	34	W34	3	3	437	1	3	5
Start Time Military Time	8708	0705	0710	0730	0130	0748	0719	0715	6271	0771	6713	6773
End Time Military Time	1708	1769	1710	1130	1730	1708	1715	1717	1721	1721	1713	1723
Duration (Minutes)	600											\rightarrow
Sample Volume (Liters)	1800	-										\rightarrow
Laboratory	analysis F	erforme	d by: Parac	ligm Enviro	onmental S	Services.	inc.				ELAP	D # 10958
Lab Sample #	7_6											
Fibers/100 Fields:	1	5	5	35	3	2	1	2				
Fibers/cc:	- 1						1	- 1				
Samples R	Pelinguish	ed By:	T	5.	Pak	-		Date:	11/	163		
Received i	n Lab By:		T.					Date:				
Analyzed L	Ву:		1	-				Date:	. 24			
Microscop	e Make, N	lodel & i	#:		141			Turn-aro	und Time	Immed.	24 Hr.	48 Hr.



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

Lab Job #

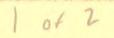
Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket#

Empire :	State D	evelop	ment (Corpora	tion			Mil	5mil			
Client				- ka				Client Co	ntact	Client	Contact F	
Middy	or To	west			1 1000	Min			Pork		7 71	
Building/L				Work Ar	ea			Air Tech	nician	Air Te	chnician l	Phone
(Umb				Contrac	II Conton	,	4	Fax Resu	ulte To:		Fax #	
Contractor	5)			Contract	tor Contact			100	Ms To.	1 110	rax #	
Rotometer	. #			Cassette	Lot#	45	-		to be Rei			
Kotometer	"			Cassette	LOCH			matoriare			22	
Project	\triangle				Phase II		T	"	0		*	
Phase	Phase I	_	Phase		Phase Final Clean		Phase I.		Env.			
Field Data	Backgorund and Sampi			Preparation Envoy Envi	Asbestos Ha ronmental C			urig	Glearance A	ll'S		
Field												
Sample #	0-17	0-18	15-1	12.50								
Calibrated	7	3	4									
Flow Rate Post-		. 1	-									
Calibrated Flow Rate	3	3							4-			
Average Flow Rate	J	3		1 Ex		4.		a.,	p 12	- 1		
Start Time Military Time	0775	0715			R	1	9		100	5		
End Time	V	D. F. F.										
Military Time	1715	1725										
Duration (Minutes)	(00)	(000)										
Sample Volume (Liters)	1800	1800	97	4								
Laboratory	analysis P	erforme	d by: Para	idigm Envir	onmental S	ervices.	Inc.				ELAPI	D # 10958
Lab Sample #				1								
Fibers/100 Fields:	1	0	53	^		-						
Fibers/cc:	1000	a 1	NA	NA								
Samples R	elinguish	ed By:	D	la	K			Date:	12/1	14		
Received i	n Lab By:		4					Date:				
Analyzed E	Ву:	1	15-	T				Date:	2/2	107		
Microscop	e Make, M	lodel & f	#:	1 Je 7		Turn-aro	und Time	Immed.	24 Hr.	48 Hr.		

Air Sampling Log Book
As per 12NYCRR amended January 11, 2006
Air Technician: Date: 12/2/01 Job Ticket #: 36365
Work the Shift (A) B C
Building / Location: Middow Towe Area: " md 10 flow Project Description
ESDC Client / Owner (Print Name) Client / Owner Representative (Print Name) Client Contact (Print Name)
Combre Mari D.
Abatement Contractor (Print Name) Abatement Supervisor (Print Name) NYSDOL Asbestos Handling Certificate Number
Yes X No □ 51
Map Completed Rotometer Number Date of Last Calibration
Phase IB Phase IIA Phase IIB Phase IIC Phase I
Class I Class II Large & Small Minor L Job Type Sprey in 1 Kt Kth , m Kt 1 m TV
Type of Material Type of Material
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
Set us all pumps segmans (2005)
Chelled and pumps throughout day to make aparting - all good
Vortle down pumps to syne exactly of det of the
Submitted all Scriphs to 6-5
· · · · · · · · · · · · · · · · · · ·
Air Technician Signature The Air Monitoring Log Book is a multi-page document which must be viewed in its entirety.





ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 15,437-09

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

011	107	8	
Job Ticket 36.	369	sh	201

Empire	State D	evelor	ment C	orpora	tion			Marc	Smith			10
Client				Jan.		,		Client Co			Contact F	
Midto	un To	w	7		10 4	w		0.1	lar		7-77	
Building/L				Work Are	ea 1 1 1			Air Techi	nician	Air Te	chnician I	Pnone
Contractor				Contract	or Contac	t		Fax Resu	ılts To:		Fax #	
Communic	51					1		See	A	Los		
Rotometer	#			Cassette	Lot#			Materials	to be Rei	moved		
Project	\wedge				1		1		0		*	No.
Phase	Phase I	B	Phase II		Phase I	IB 🖫	Phase		Phase I		Env.	
Field Data	Backgorund		Work Area P		Asbestos Ha		Final Clean	ing	Clearance A	Airs		
Field								. 17	213	1-14	v-15	0-16
Sample #	0-6	0-74	0-78	0-8	0-9	0-10	0-11	0-17	00	0-1-1	0 11	
Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3	5	3
Post- Calibrated Flow Rate	3	3	3	3	3	3	J	3	3	3	3	7
Average Flow Rate	3	3	3	3-1	本為	3	7	9	7	-3-	3	3
Start Time Military Time	0709	0710	0711	0731	4731	0709	0719	0719	0721	0721	6723	0723
End Time Military Time	1701	1710	1711	1731	1731	1705	1715	1714	1721	1721	1723	1723
Duration (Minutes)	(000	-		-			i					->
Sample Volume (Liters)	1800	-										3
Laboratory	analysis F	erforme	d by: Parac	digm Envir	onmental S	Services, i	Inc.				ELAPI	D # 10958
Lab Sample #	1000	920	927	928	939	(12)	931	932	933	934	925	. 436
Fibers/100 Fields:	9	7.5	12	6	5	3.5	6.5	4	4.5	8	10	7
Fibers/cc:	40.01	20.01	(0.01	40.01	20.01		40.01	10.01	20.01	20.01	(0.01	20.01
Samples F	Relinguish	ed By:	D.	Park	0			Date:	12	2/0	7	
Received i	n Lab By:		5	M		×		Date:	13	1-3-00	1	
Analyzed I	Ву:			R				Date:	13.	41.09		
Microscop	e Make, N	lodel & i	#:	23	5757			Turn-aro	und Time	Immed.	24 Hr.	48 Hr.

2 of 2



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 15437-09

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

54 1078 Job Ticket # 32767 SM

Empire	State D	evelop	omen	t Co	rpora	tion				K Sm	it		10
Client				,	in		0.0		Client C	ontact		t Contact I	
Midde	on to	wer		9	Vork Are	-1 10th	A 00		Air Track	PLIR		317 7	
Building/L	4			V	Vork Are	ea 			Air Tech	inician	AIFTE	echnician i	Pnone
Contracto	-				Contract	or Contac		-	Fax Res	ults To:		Fax #	-
Comracto	71				omraci	or comac					100	. 4.	
Rotometer	r#			C	assette	Lot#		-	Material	s to be Re	moved	-	
	^		Г	-		•		4				*	
Project Phase	Phase I	ВП	Phas	e IIA		Phase I	IB 🖂	Phase	IIC	Phase I	IC 🗆	Env.	1
	Backgoruna	is .	Work Ar	ea Prej	paration	Asbestos H	andling	Final Clear		Clearance A			1
Field Data	and Samp	ling Prov	rided By	: Env	oy Envii	ronmental	Consultar	its, Inc.					
Field Sample #	0-17	4-18	15-	1	13-2								
Pre-				+	-	7							
Calibrated Flow Rate	3	3	1)								
Post-		0				*							
Calibrated Flow Rate	3	2				12							
Average	7	4	2.		- Land		1	-4-	1	4	L		3. 1
Flow Rate		1						日本				6-	
Start Time Military						0.0							
Time End Time	0725	0725			-	1. 5.4							
Military Time	1725	1725				1 1							
Duration (Minutes)	600	600			10								
Sample Volume (Liters)	1800	1800	V		1	100							
Laboratory	analysis F	erforme	d by: Pa	radig	m Envir	onmental 3	Services,	Inc.				ELAP	D # 10958
Lab Sample													
#	937	938	939	7	940								
Fibers/100 Fields:	4.5	11	0		0								
Fibers/cc:	20.01	20.0		_									
Samples F	Relinguish	ed By:		D	P	~K			Date:	11	109		
Received i	n Lab By:		SU				1		Date:	12-3-	09		
Analyzed I	Ву:				3				Date:	12-4	09		
Microscop	e Make, M	lodel & i	# :		-				Turn-aro	und Time	Immed	24 Hr. (48 Hr
					0	357	5+				mmed.	24 111.	40 111

Air Sampling Log Book
As per 12NYCRR amended January 11, 2006 Project Monitor: Date: 12/3/03 Job Ticket #: 36 W 7
Building / Location: Work Area: 9th and 10th Alva Shift & B C
680(murk 5.
Client / Owner (Print Name) Client / Owner Representative (Print Name) Client Contact (Print Name)
Abatement Contractor (Print Name) MMC D. Abatement Contractor (Print Name) NYSDOL Asbestos Handling Certificate Number
Yes X No D SI
Phase IB Phase IIA Phase IIB Phase IIC Phase I
Project Phase Backgrounds Work Preparation samples Asbestos Handling Samples Final Cleaning Samples Clearance Air Samples
Class I Class II Large Small Minor D
Type of Material Sq/ft Ln/ft Project with multiple removals
1st Check 1500 2nd Check 1500 3rd Check 1250 4th Check 1400 5th Check 1600
Time of air sampling pump check Notes
on Ste C 0650/ al all prings to Jun
St up pungs Segaring @ 0768
Uelled it rups showhest day to warse warster - a ugood
Boll dun Sanfles to some An Set of the S
Shorted at Samples to 45
·
Air Technician Signature
The Air Monitoring Log Book is a multi-page document which must be viewed in its entirety.



ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 16592-09

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

09/1018 ob Ticket# 76409 SN 10

Empire :	State D	evelor	ment C	orpora	tion			mak	5 Smt	m		10
Client	1			-4-		41		Client Co	ntact	Client	Contact F	
Mid		Tou	se/	910	-	10th Kla	V	0.	14/4	1		294
Building/L				Work Are	a			Air Techi	nician	Air Te	chnician l	Phone
Cum				Contract	? (/			Fax Resu	ulte To:		Fax #	
Contractor Contact							Sci	e Aw	609	7 40 11		
Rotometer	#			Cassette	Lot#			Materials	to be Rei	noved		
Project	Δ				1	100	1		0		*	
Phase	Phase I	B	Phase II	A 🗆	Phase I	IB 📈	Phase	IIC 🗌	Phase I		Env.	
Field Data	Backgorund		Work Area P		Asbestos Ha		Final Clean	ing	Clearance A	irs		
Field	and Samp		ided by. E	TVOY ETIVII		Constintari	to, mo.			11.7		. 1.
Sample #	0-6	0-74	0-70	0-8	0-9	0-10	0-11	0-12	0-12	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+	步	3	ナイ	3	7	3	3
Start Time Military Time	0708	0710	0711	0730	0130	0708	6715	0114	0721	0721	0723	0723
End Time Military Time	1708	710	1711	1730	1730	1708	719	1719	1771	1711	1773	1723
Duration (Minutes)	600					Parket and the second			-	principal de compr		->
Sample Volume (Liters)	1800	_										7
Laboratory	analysis F	Performed	d by: Parac	digm Envir	onmental S	Services, I	nc.				ELAP I	D # 10958
Lab Sample #	107	ROD	A91	892	892	894	815	890	807	BAB	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	40.01	(0.01	10.01	40.01	10.01	10.01	(0.0)	40.01	10.01	10.01
Samples F	Relinguish	ed By:	ì).	Pak	/		Date:	12	13/09		
Received i	in Lab By:			SU				Date:	12-7-	09	3	
Analyzed I	Ву:			1.8				Date:	13.8	.09		
Microscop	e Make, N	lodel & i	#:	23	575	7		Turn-aro	und Time	Immed.	24 Hr.	48 Hr.

21/2



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 155 92-09

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket # 36409 ST

Empire	State D	evelor	ment C	Corpora	tion			Mi	V Sm	ith		10
Client	1		ACCIDICATION OF THE			11 1	-	Client Co	ontact Sm	Clien	t Contact I	
mid		Tou	0	gra c	ea l	0 F/0	w	P	1210		317	7294
Building/L				Work Are	ea 1			Air Tech	nician	Air Te	echnician l	Phone
Contracto	bria			Contract	or Contac	+	-	Fax Resi	ults To:		Fax #	
Contracto	51			Comraci	or comac			C	o de	604	1 40 11	
Rotometer	r#			Cassette	Lot#		-	Materials	to be Ren	and the		
Dunings	^				1		1				*	
Project Phase	Phase I	ВП	Phase I	IA 🗆	Phase I	IBN/	Phase	IIC	Phase II	C	Env.	1
	Backgorund	Is	Work Area F	Preparation	Asbestos Ha	andling	Final Clear		Clearance A			
Field Data	and Samp	ling Prov	rided By: E	nvoy Envii T	ronmental	Consultar	its, Inc.					
Sample #	0-17	0-18	13-1	13-2								
Pre- Calibrated	7	7										
Flow Rate)										
Post- Calibrated	7	3						4				
Flow Rate		1			3-0184-1	Total Comments	1. No. 94	一一湖	2- A-2	-	-	90
Average Flow Rate	3	3				The state of the s		7"				
Start Time Military Time	0725	6725										
End Time Military Time	1715	1775										
Duration (Minutes)	600	600										
Sample Volume (Liters)	1800	1800	1	+								
Laboratory	analysis F	erformed	d by: Parac	ligm Envir	onmental S	Services,	lnc.				ELAPI	D # 10958
Lab Sample #	901	900	903	904								
Fibers/100 Fields:	2.5	3	0	0								
Fibers/cc:	(0.01.	1001										
Samples F	Relinguish	ed By:	T).	Jak	/		Date:	12/0	109		
Received i			SU					Date:	12-7	-09	V	
Analyzed I	Ву:			1				Date:	17.8	09		
Microscop	e Make, N	lodel & f	# :	1	3575	7-		Turn-aro	und Time	Immed.	24 Hr.	48 Hr.

Air Sampling Log Book
Project Monitor: Date: 12/4/07 Job Ticket #: 364//
Building / Location: Mylhon tous Area: 9th and 10th flow Shift A B C
£SDC Client / Owner (Print Name) Client / Owner Representative (Print Name) Client Contact (Print Name)
Cambric Mark D.
Abatement Contractor (Print Name) Abatement Supervisor (Print Name) NYSDOL Asbestos Handling Certificate Number Yes DO D
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 K Small Minor
Job Type Spray on, FT/Ftm, mas, note
Type of Material Sq/ft Ln/ft Project with multiple removals 1
1st Check 0000 2nd Check 1000 3rd Check 1500 4th Check 1600 5th Check
Time of air sampling pump check Notes
on st O owns / cal all somes to som
Set re minos Segimon P 6706
proceed all promps throughout day to in sine paration - all good
Broke down props to Syng of Set of thes
Shoutted My Scarpes to les
DOMINE
Air Technician Signature



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

Lab Job #

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

09	1078	
Job Ticket	411	5/10

Empire State Development Corporation								Mak	Smit	h		
Client		+.	1	ath	1 10th	114		Client Co	ntact Dak	Client	Contact	Phone
M104 Building/L		Town		Work Are		Mar		Air Techi		V	chnician i	-
Cami				13	11							
Contracto	Contractor Contact							Fax Resu	AW	107	Fax #	
Rotometer	*#			Cassette	Lot#			Materials	to be Rei	noved		
Project					1	up (#	1	" C □	O	1C 🗆	*	1
Phase	Phase I Backgorund		Phase II Work Area P		Phase I Asbestos Ha		Phase I		Phase I.	_	Env.	J
Field Data					ronmental	Consultan	ts, Inc.					
Field Sample #	0-6	U-7A	0-75	0-8	V-9	0-10	0-11	0-12	V-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	31	3
Average Flow Rate	3	-3	3	3	15	3	3	45	3	*	フ	フ
Start Time Military Time	0706	6708	0701	6716	0717	1707	v711	0711	6712	0717	67/3	0713
End Time Military Time	1706	1708	1709	17/6	1717	1707	1711	1711	1712	1717	1713.	1713
Duration (Minutes)	600	-										>
Sample Volume (Liters)	1800	_										→
Laboratory	analysis F	erforme	d by: Parac	ligm Envir	onmental S	Services, I	nc.				ELAPI	D # 10958
Lab Sample #	107	948	949	990	951	952	953	954	955	950	957	958
Fibers/100 Fields:	8	13	16	7.	6	4.5	4	2	3.5	5	3.5	2
Fibers/cc:	(0.01	10.01	10.01	20.01	10.01	40.01	(0.01	10.01	20.01	10.01	10.01	20.01
Samples F	Relinguish	ed By:	T	>.	Pak	-		Date:	12/	4/03		
Received i	n Lab By:		8	34				Date:	12-7-	09		
Analyzed I	Ву:			A				Date:	13	8.00	24	
Microscop	e Make, N	lodel & i	#:	23	575	7		Turn-aro	und Time	Immed.	24 Hr.	48 Hr.

20+2



PARADIGM

ENVIRONMENTAL SERVICES. INC.

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

Lab Job # 19595-09

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

09/1078 Job Ticket # 36411 CM

Empire	State D	evelor	ment C	Corpora	tion			MAK	Smith	1		he
Client	ı		-				-	Client Co	Smith	Clien	t Contact i	Phone
Mid	vun -	TAMI		go w	1/04	flow		0.	Dark	7	1777	44
Building/L	ocation	1000		Work Ar	ea	11000	-	Air Tech			chnician	Phone
//	5110			Bi	11							
Contracto	-1			Contrac	tor Contac	ct		Fax Res	1/1	Los	Fax #	
Rotometer	*#			Cassette	Lot#			Materials	s to be Rei			
Project	Δ				1		1		0		*	
Phase	Phase I	B	Phase I	IA 🗌	Phase	IIB 🗌	Phase	IIC 🗌	Phase I	IC 🗌	Env.]
	Backgorund		Work Area F		Asbestos H		Final Clean	ning	Clearance A	irs		
Field Data	and Samp	ling Prov	ided By: E	nvoy Envi	ronmental	Consultar	its, Inc.	_				
Field Sample #	0-17	0-18	V3-1	13.2								
Pre- Calibrated	7	7										
Flow Rate		5										
Post- Calibrated Flow Rate	3	3		1							,	
Average Flow Rate	3	7		1-4	1	y m	باشدد	*	4	1000		K-25-7 - 2 - 2 - 2
Start Time Military	AZIV	alid			2					924		
Time End Time	0714	0714										
Military Time	1714	1714										
Duration (Minutes)	1000-	7										
Sample Volume (Liters)	1800-	7	4	P						-		
Laboratory	analysis P	erformed	by: Parad	digm Envir	onmental .	Services,	Inc.				ELAP I	D # 10958
Lab Sample #	959	9100	901	9/10								
Fibers/100	7.2.1	140	141	1000								
Fields:	7	5.5	0	0								
Fibers/cc:	20.01	40.01										
Samples R	elinguish	ed By:	D	- 1	ak			Date:	17/	14/00		
Received i	n Lab By:			SI	1			Date:	12-	7-09		
Analyzed E	Ву:			3	,			Date:	12	8.00	9	
Microscop	e Make, M	lodel & #	t:	50	575	1		Turn-aro	und Time	Immed.	24 Hr.	48 Hr.
				01	010	-					-	

	EN	V(OY	
envi	ronmen	tal consi	ıltants, inc	:
Air	Samp	ling L	og Bool	k

Air Sampling Log Book
As per 12NYCRR amended January 11, 2006
Project Monitor: Date: 17/1/01 Job Ticket #: 36414
Building / Location: Multow Tow Area: 9th and 10th flow Shift B B C
Project Description ESDC Max Smith
Client / Owner (Print Name) Client / Owner Representative (Print Name) Client Contact (Print Name)
Combra Max D.
Abatement Contractor (Print Name) Abatement Supervisor (Print Name) NYSDOL Asbestos Handling Certificate Number
Yes No D 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 in, ft fish, most wiff when, and days, wheles Sq/ft Ln/ft Project with multiple removals
Type of Material
1st Check 0000 2nd Check 1000 3rd Check 1200 4th Check 1400 5th Check 1600
Notes
on st Co653 leal all pumps to 36 pm
Set up phys byinning (2 0709
acked all pumps throughout day to indre operation - all good
Brok down Sumpis (1707 to Sine excelly it soft up times
Sibrafted all samples to 165
Air Technician Signature The Air Monitoring Log Book is a multi-page document which must be viewed in its entirety.

10+2



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

1 Lab Job # 5670-09 09 1078 Job Ticket # 36414 V MH

Empire State Development Corporation								MAX	Smy	h			
Client				ah	1 ,4	flu		Client Contact Client Contact Phone					
Building/L		ove		Work Are		41um	3	Air Technician Air Technician Phone					
Cambris								All recimients in the second s					
Contractor Contact								Fax Resu	ılts To:	,	Fax #		
								Su	AV	107			
Rotometer	#			Cassette	Lot#			Materials	to be Rei	noved			
Project	Δ				1	and the same of	1	a de la compa	0		*		
Phase	Phase I		Phase II		Phase I	-	Phase		Phase I		Env.		
Field Data	Backgorund and Sampi		Work Area P		Asbestos Ha onmental		Final Clean ts, Inc.	ing	Clearance A	irs			
Field		0-74	1-70	0-8	6-5		6-11	17-12	0-15	0-14	0-15	0-16	
Sample #	0-6	U- /W	15-12	0-0	0-1	010	0-11	1/10	0 / 3	0 11	()3	0 10	
Calibrated Flow Rate	3	3	3	3	3	3	1	3	3	3	7	3	
Post- Calibrated	7	7	7	7	7	7	3	7	7	7	3	7	
Flow Rate	5	7	5	7	5)	2))		3	-	
Average Flow Rate	2	3	3	3	3	3	J	7	3	7	J	3	
Start Time Military Time	0709	miz	0723	0711	0712	0709	0714	UTIY	0715	0715	07/6	0716	
End Time Military Time	1705	1772	1723	1711	1712	1709	1714	1714	1715	1715	1716	1716	
Duration (Minutes)	600											→	
Sample Volume (Liters)	1800	_										→	
Laboratory	analysis P	erforme	d by: Parac	ligm Envir	onmental S	Services, I	nc.				ELAP I	D # 10958	
Lab Sample #	108513	574	515	576	517	518	519	520	521	500	523	524	
Fibers/100 Fields:	10	4	2.5	7	3.5	4	6.5	3	5	4.5	8	6	
Fibers/cc:	20.01	20.01	10.01	40.01	10.01	20.01	20.01	10.01	10.01	20.01	10.01	10.01	
Samples Relinguished By:								Date:	12/	109			
Received i		1	MINDI	enalle				Date:	12/	1/09			
Analyzed I	Зу:	///	1000	7	6			Date:		9.09	-		
Microscop	e Make, N	lodel & i	# :	2	3575	7		Turn-aro	und Time	Immed.	24 Hr.	48 Hr.	



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

Lab Job #

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

04	1078	
Job Ticket	114	MH

Empire	State D	evelor	oment C	Corpora		M	K Smit	1-				
Client		,				ia.	7	Client C	ontact	Clien	t Contact	Phone
Midd	on J	mel	-	5Th 6	u 10	7-		0	Puk		7/7 7	744
Building/L	ocation	000	-	Work Ar			7	Air Tech	The state of the s		echnician	Phone
(65515 Bill												
Contracto					tor Contac	n#	-	Fax Res	ults To		Fax #	
	51			Comruo	or comuc		_	Ser	Λ	103	7 44 11	
Rotometer	r #			Cassette	Lot#			Materials	s to be Ren	noved		
Project	. ^				1		1		0		*	
Phase	Phase	IB	Phase I	IA 🗆	Phase	IIB IV	Phase	IIC 🗆	Phase I	IC 🗆	Env.	1
	Backgorund	_	Work Area F		Asbestos H		Final Clean		Clearance A			1
Field Data									120020000000000000000000000000000000000			
Field	0.1-7	0 1 0	()	1-								
Sample #	0-17	0-18	15-1	15-2								
Pre- Calibrated	7	7			-							
Flow Rate	7	1										
Post- Calibrated	7	7										
Flow Rate	,))										
Average Flow Rate	13	3		-	kr.	7						
Start Time												
Military Time	0717	1717										
End Time Military	1717	1717										
Time	1 33	1 11 .										
Duration (Minutes)	600	600										
Sample Volume (Liters)	1800	1800	+	4								
Laboratory	analysis F	erformed	by: Parac	digm Envir	onmental :	Services.	inc.				ELAP I	D # 10958
Lab Sample #	525	526	527	538								
Fibers/100 Fields:	5.5	4	0	0								
Fibers/cc:	20.01	40.01										
Samples D	olinguish	ad Du		0				Data		7		
Samples Relinguished By:								Date:	12	7/05		
Received in Lab By:								Date:	12	17/0	9	
Analyzed By:								Date:	12.	9.00	1	
Microscop	e Make, M	lodel & #	t:		2357	157		Turn-aro	und Time	lmmed.	24 Hr.	48 Hr.
Comments	:				(VO)					715		

Air Sampling Log Book
As per 12NYCRR amended January 11, 2006 Project Monitor: Date: 12/8/19 Job Ticket #: 36/16
Building / Location: Middow Tover Area: 9th and 10th flow Shift (A) B C
ESPC Mark Smith
Client / Owner (Print Name) Client / Owner Representative (Print Name) Client Contact (Print Name) Client Contact (Print Name)
Abatement Contractor (Print Name) Abatement Supervisor (Print Name) NYSDOL Asbestos Handling Certificate Number Yes V No
Map Completed Rotometer Number Date of Last Calibration Phase II Phase I
Project Phase Backgrounds Work Preparation samples Asbestos Handling Samples Final Cleaning Samples Clearance Air Samples Class I
Job Type Spray on, 4t ldth, mrs, MTP, with Sq/ft Ln/ft Project with multiple removals X
Type of Material 1st Check / PDO 2nd Check / VVO 3rd Check / 7,00 4th Check / 4,00 5th Check / 6,00
Time of air sampling pump check Notes
on site () 06 ut / ent all promps to Jepan
Set up props Beginning (07000 Chelled props throughout day to inside operation- all good
Brok down pumps to Sine excelly I det of this
Submitted and Sharphy to 165
Air Technician Signature The Air Monitoring Log Book's 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



ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 15,748-09

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket # 36414 A 00

Empire S	State D	evelop	ment C	orporat		MA	K SM	th		10			
Client	1		T			0. 1.4		Client Co	ntact	Client	Contact F	Phone	
	tour	Tour	1	9 ma	d 10+	4/oce	1	().	D. Vak 3177294				
Building/Location Work Area								Air Techi	Air Technician Air Technician Phone				
Cambria Bill								Fau Dani	tto To:		Fax #		
Contractor Contact								Fax Resu	e Au	-609	rax #		
Rotometer	#			Cassette	Lot#			Materials	to be Rei	noved '			
Project	Δ				1		1		0		*		
Phase	Phase I	$B \square$	Phase II	A	Phase I	IB 🔀	Phase !	_	Phase I	IC 🗌	Env.		
Field Data	Backgorund		Work Area P		Asbestos Ha		Final Clean	ing	Clearance A	irs			
Field	and Sampi			110	Omnemar		-			51.449	1-	21. V.	
Sample #	0-6	6-7A	0-713	0-8	0-7	0-10	0-11	V-12	0-13	0-14	0-15	0-16	
Pre- Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	7	J	3	
Post- Calibrated	7	7	7	7	7	: 7	7	7	7	7	7	7	
Flow Rate))	2	2	-	2		2	-	-		
Average Flow Rate	3	3	3	3	3	3	7	73	3	フ糸	3	3	
Start Time Military Time	0706	0718	0719	0708	6709	0706	0712	0712	07/3	0713	0714	0714	
End Time Military Time	1706	1718	1719	1708	1709	1706	1712	17/2	1713	1713	1714	1714	
Duration (Minutes)	600									-		7	
Sample Volume	1800	_										>	
(Liters) Laboratory	analysis F	erformed	d by: Parac	ligm Enviro	onmental 3	Services, I	nc.			- 4	ELAPI	D # 10958	
Lab Sample #	109	035	0310	027	038	1129	040	041	040	0413	044	045	
Fibers/100 Fields:	9	3	4	8		00/	7	-	1 40	4	45	25	
Fibers/cc:			1 0		1.5	de al	7	100	60.01	10.01	(0.01	15.01	
Fibers/cc.	20,01	(0.01	60.01	20.01	< 0.01	20.01	20.01	10.01	60.01	20.01	20.01	20.01	
Samples Relinguished By:								Date: 12/8/19					
Received in Lab By:								Date: 12-9-09					
Analyzed By:								Date:					
Microscop	e Make, N	lodel & 1	#:		2357	57		Turn-aro	und Time	Immed.	24 Hr.	48 Hr.	

Z of 2



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 574009

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket#

Empire	State D	evelop	oment	Corpora		Client Contact Client Contact Phone							
Client				ath	1 . 4	n 11	,						
Midt Building/L	ocation	one		Work Ar	d 10t	Hau	-	Air Technician Phone					
Contractor Contract								All recimician Thore					
Contracto	r			Contrac	tor Contac	et	1	Fax Res		,	Fax #		
5	1						_ ^	See Av Log					
Rotometer	#			Cassette	Lot#			Material	s to be Re	moved			
Project	Δ				1		1		0		*		
Phase	Phase I	_	Phase		Phase		Phase		Phase		Env.]	
Field Data	Backgorund and Samp		rided By:	Preparation Envoy Envi	Asbestos H ronmental		Final Clear nts, Inc.	ung	Clearance A	Airs			
Field	11-17	0-18	13.1	p.2									
Sample #	UI	0-10	15 1	De									
Calibrated Flow Rate	3	3	1	1									
Post- Calibrated	7	7											
Flow Rate)).		1									
Average Flow Rate	3	3				- t- 0.	€i	4 - 1	1	+		5	
Start Time Military Time	0715	0715							· ·				
End Time Military Time	1715	1715									-		
Duration (Minutes)	600	600											
Sample Volume (Liters)	1800	1800	7	1									
Laboratory	analysis F	erformed	l by: Para	digm Envir	onmental :	Services,	Inc.				ELAP I	D # 10958	
Lab Sample #	146	04/7	048	049									
Fibers/100 Fields:	4	2	0	0									
Fibers/cc:	40.01	(0.0	_										
Samples R	elinguish	ed By:		^	0 .			Date:	7	11 1 4			
				V.	Pak	/			12/	0/07			
Received in Lab By:								Date:	17-	9-09			
Analyzed By:								Date:					
Microscop	e Make, M	lodel & ‡	<i>t</i> :	2	3575	1		Turn-aro	und Time	Immed.	24 Hr.	48 Hr.	
Comments	:												

Air Sampling Log Book
As per 12NYCRR amended January 11, 2006 Project Monitor: Date: 12/3/67 Job Ticket #: 36416
Building / Location: Midden Tove Area: 7th nd 10th flow Shift (A) B C
Project Description Many Santh
Client / Owner (Print Name) Client / Owner Representative (Print Name) Client Contact (Print Name) Client Contact (Print Name)
Abatement Contractor (Print Name) Abatement Supervisor (Print Name) NYSDOL Asbestos Handling Certificate Number
Yes P No D Map Completed Rotometer Number Date of Last Calibration
Phase IB Phase IIA Phase IIB Phase IIC Phase IIC Phase IIC
Project Phase Backgrounds Work Preparation samples Asbestos Handling Samples Final Cleaning Samples Clearance Air Samples Class I Class II Large Minor Minor
Job Type Spray on, Lit/4th, Mrs, with
Type of Material Type of Material
1st Check 0600 2nd Check 1000 3rd Check 1200 4th Check 1900 5th Check 1600
Notes
On Ste (-0650/Cal all france to 31/m
Leeked Samples throughout day to in Soul order orby - 11 50001
Broke down pumps to Syre 1 Set of times
shoulded and samples to las
ACID:
Air Technician Signature The Air Monitoring Log Book is a multi-page document which must be viewed in its entirety.

104 2



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

11	Lab Job	#	15792-09	
	09	10	18	
	Job Tick	et#	118 (1) (2)	Y

Empire	State D	evelor	ment C	Corpora		WA	K Sm	Ha		110				
Client	Otate D	cvcio	official C	orpora	tion		-	Client Co	ntact	Client	Contact I	Phone		
Midto	us to	141		5mar	a 107	I loa	,	0.1	D. Park 317 7294					
Building/Location Work Area							Air Techi	nician	Air Te	chnician l	Phone			
Cambria Bill								1						
Contractor Contact							Fax Resu	ılts To:		Fax #				
5								See	An	67				
Rotometer	*#			Cassette	Lot#			Materials	to be Rei	noved				
Project	\triangle				1		1		0		*			
Phase	Phase I	B	Phase I	IA 🗌	Phase I	IB 🗌	Phase	IIC 🔀	Phase I	IC 🗌	Env.			
Ciald Date	Backgorund		Work Area F		Asbestos Ha		Final Clean	ing	Clearance A	irs				
Field Data	ana sampi T	ling Prov		I Envir	Onmentar	Consultari	its, mc.							
Sample #	0-6	0-7A	0-75	0-8	0-9	0-10	0-11	0-12	0-13	0-14	015	0-16		
Pre- Calibrated	7	7	7	7	~	3	7	7	3	3	3	7		
Flow Rate)	2	1	2)	7	7)	2	2	J	2		
Post- Calibrated	3	3	3	3	3	7	7	7	7	3	3	7		
Flow Rate		-	2		1		2	2	2					
Average Flow Rate	-3	3	3	3	3	3	3	3	3	ブ	3	3		
Start Time Military Time	0707	6714	6719	0715	6715	4708	0710	67/0	0711	0711	0712	0112		
End Time	0 70	0.10	(JT)	0.163	0 / 1 3	0 / 0	9/19	V // V	0.77	7.11	2	0.10		
Military Time	1707	1718	1719	1715	1715	1708	17/0	1710	1711	1711	1712	1712		
Duration (Minutes)	600	-		-								\rightarrow		
Sample Volume	1800											\rightarrow		
(Liters)	1										FLADI	D # 10958		
Laboratory	analysis P	Performe	d by: Parac	digm Envir I	onmental S T	Services, i	Inc.				ELAPI	D # 10958		
Lab Sample #	109311	0.17	18	19	209	- 21	22	23	ZL	1 25	21.	77		
Fibers/100 Fields:	11	35	4	6	1018	wet	wet	4.5	5	2.5	4	3		
Fibers/cc:	20.01.	(0.01	20.01	10.01	(0.0)	Inu.	Inv.		10.01	(0.01	10.01	40.01		
Samples Relinguished By:								Date:	12/	107				
Received i	n Lab By:		Ma	73				Date:	171	910	9			
Analyzed By:								Date:						
Microscop	e Make, N	lodel & :	#:	1	235	7.57		Turn-aro	und Time	Immed.	24 Hr.	48 Hr.		
-					0.0			-						

2 of 2



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

, Lab Job # 5+92-19

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

09 11078 Job Ticket# 30418

Empire State Development Corporation								W. Eres		1			
Client	State D	evelo	oment C	orpora	tion			Cliant Co	V Smit	Clian	Contact F	Phono	
Midte				gth	a late	Mar		A.	DI V	Cilein	Comact	none	
Building/L		011		Work Are	ea e	4100	-	Air Tech	nician	Air Te	chnician l	Phone	
Kam	brin			Bi	11								
Contractor Contact								Fax Results To: Fax #					
51							See Air 109						
Rotometer	*#			Cassette	Lot#			Materials	to be Rei	novéd			
Project	Δ				1		1		0		*		
Phase	Phase I	B	Phase I		Phase		Phase	IIC 🔃	Phase I	IC 🗌	Env.		
Field Data	Backgoruno		Work Area P		Asbestos H		Final Clean	ing	Clearance A	urs			
Field	and Gamp		dod by, Z		- Commenter	Obrigantari	15, 1116.						
Sample #	0-17	0-18	0-1	157									
Pre- Calibrated	7	7	1										
Flow Rate Post-	.)												
Calibrated Flow Rate	3	3											
Average Flow Rate	-3	3	F -		1-1-8	19 19 th	b				V	5	
Start Time													
Military Time	0713	0713											
End Time Military Time	1713	1713											
Duration (Minutes)	600	600											
Sample Volume (Liters)	1800	1800	4	1									
Laboratory	analysis F	erforme	d by: Parac	ligm Envir	onmental .	Services, i	nc.				ELAP II	D # 10958	
Lab Sample #	28	29	30	31									
Fibers/100 Fields:	5.5	wet	0	0									
Fibers/cc:	20.01	Inv.									2		
Samples Relinguished By:							Date: 12/1/07						
Received in Lab By:								Date:	171	9/0	9		
Analyzed By:							Date: 12:10:07						
Microscope Make, Model & #:								Turn-aro	und Time	Immed.		48 Hr.	

Air S	Sampling Log Bo	ook	
Project Monitor: \[\begin{align*} \text{V} & V	YCRR amended January		71.42/
Air Technician: 🔯 🕽 · VW	Date:	17/11/07 Job Tic	A
Building / Location: William Town	Work Area: 9th and	10th X/on Shift	В С
Project Description			1 C U
Client / Owner (Print Name) Client	/ Owner Representative (Print Name)	Client Contact	(Print Name)
Combida	MINE D.		. ,
	ment Supervisor (Print Name)	NYSDOL Asbe	estos Handling Certificate Number
Yes No D Map Completed Rotor	51	Date of Last C	alligation
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 Sprayin, +T/fthm /mms			
NOT UM Sq/ft	Ln/ft Project v	vith multiple removals 🔣	
V A .	Check 1100 4th 0	Check (730 5th	Check
Time of air sampling pump check Notes	· ·		na manana da manana ara-
on site O 0650 cal all	augus for	SUM	
Set so sumps beginning (0704	3 0 7 7 1	
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Air Technician Signature The Air Monitoring Log Book is a multi-page document which must be viewed in its er	ntirety.		



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

Lab Job #

Asbestos Air Monitoring Chain of Custody

Job Ticket#

Meets NYCRR 56 amended January 11, 2006														
Empire State Development Corporation								MWI	(Smit	6		1/		
Client								Client Contact Client Contact Phone						
Midtour Town 5th and 10th flow					low		D. VWIN 3177254							
Building/Location Work Area							Air Technician Air Technician Phone							
Cambria Bill							Fax Results To: Fax #							
Contracto	1			Contract	or Contac	t								
Rotometer #				Casastta	1 - 4 #			Materials to be Removed						
Rotometer	#			Cassette Lot #										
Project						1	0		*					
Phase	Phase I		Phase II		Phase I		Phase	No.	Phase I		Env.	J		
Backgorunds Work Area Preparation Asbestos Handling Final Cleaning Clearance Airs Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.														
Field	NAT NATIONAL							4.42	. 17	0 11	0-15	0-16		
Sample #	0-6	0-7A	U-70	0-8	0-9	0-10	0-11	0-12	0-13	0-14	0-13	0-16		
Pre- Calibrated Flow Rate	3	3	3	3	3	J	3	3	3	3	J	3		
Post- Calibrated	3	7	7	7	7	7	3	7	7	7	3	3		
Flow Rate)	2)		2	7	7	1	2	12	2	2		
Average Flow Rate	13	13	3	3	3	3	7	13	3	3	3	3		
Start Time Military Time	0707	6716	0717	0764	6710	0708	0711	110	0712	07/2	0713	0713		
End Time		0 11		0 10	0.70					3				
Military Time	1707	1716	1717	1709	1710	1708	1711	1711	1712	1712	1713	1713		
Duration (Minutes)	600)		1								\rightarrow		
Sample Volume	1800	4										7		
(Liters) Laboratory	analysis P	erforme	d by: Parac	ligm Envir	onmental S	Services, i	Inc.				ELAP I	D # 10958		
Lab Sample #	16 d	02	03	al	05	Ola	60	08	07	10	((12		
Fibers/100 Fields:	q	~	01	12		2	-	wet	4.5	5.5	7	4		
r rerus.		0	0.0	12	6	0	2		7.0	212	0/			
Fibers/cc:	10.01	10.01	20.01	20.01	10.01	10.01	10.01	Inu.	(0.01	10.01	20.01	10.01		
Samples R	Samples Relinguished By:							Date: 12/11/05						
Received in Lab By:								Date:	2/11/0	7	791			
Analyzed By:								Date:	2.14.0	9				
Microscope Make, Model & #:								Turn-around Time Immed. 24 Hr. 48 Hr.						
Comments:														



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

Meets NYCRR 56 amended January 11, 2006

Lab Job #

Asbestos Air Monitoring Chain of Custody

Job Ticket # 36420

Empire State Development Corporation								m	vic Sm	th				
Client							-	Client Contact Client Contact Phone						
Building/Location Work Area							_	1. 12/2 3111						
								Air Technician Air Technician Phone						
Contractor Contact							-	Fax Results To: Fax #						
51								See And log Materials to be Removed						
Rotometer # Cassette Lot #							-	Materials	to be Rei	moved				
Project	Λ Π				1		1		0		*			
Phase	Phase IB Phase IIA		IA 🗆	Phase i	IIB 🖂	Phase IIC		Phase I	IC	Env.				
	Backgorund		Work Area P	reparation	Asbestos H		Final Clean		Clearance A	irs		•		
Field Data	and Samp	ling Prov	rided By: Ei	nvoy Envii T	ronmental T	Consultar T	its, Inc.	Г			T			
Sample #	0-17	1-18	15-1	15-2										
Pre- Calibrated														
Flow Rate	3	3	- (1										
Post- Calibrated	1	1								_				
Flow Rate	1)				-	-	V 2		4				
Average Flow Rate	3	1	11 - 12 B	- 3	t 3 . m			Natural S						
Start Time Military Time	0714	v714												
End Time Military	1714	1714												
Time	1 // (1 111												
Duration (Minutes)	600	600												
Sample Volume (Liters)	1800	1800	1	1										
Laboratory	analysis F	erforme	d by: Parac	ligm Envir	onmental :	Services.	Inc.				ELAPI	D # 10958		
Lab Sample #	12	14	15	16										
Fibers/100 Fields:	wet	3.5	0	0										
Fibers/cc:	Inu.	20.01												
Samples Relinguished By:								Date: 12/11/19						
Received in Lab By:								Date:						
Analyzed E	Ву:			1				Date:						
Microscon	Misroscopo Mako Madal 9 #								Turn around Time					
Microscope Make, Model & #:								Turn-around Time Immed. 24 Hr. 48 Hr.						

Air Sampling Log Book	
As per 12NYCRR amended January 11, 2006	Oliver Name of Street
Project Monitor: Date: 12/14/09 Job Ticket #: 36424	
Building / Location: Middon Tour Area: 4th and 10th floor Shift B C	***************************************
6 SDC	
Client / Owner (Print Name) Client / Owner Representative (Print Name) Client Contact (Print Name)	
Chapters Mak 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 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 Sa Court for a ST St for an asset with the second sec	
Job Type Spray on, FT/Ftm, mas, my? Sq/ft Ln/ft Project with multiple removals	
Type of Material	
1st Check SUT 2nd Check VIS 3rd Check 1645 4th Check 1715 5th Check	
Time of air sampling pump check	
Notes	
· Conneted find visual (- approx 1215	
· Did mys ressine will bech. in lear blow	
· Set of Armys & sinning (1504 (4CPM	
· Cleded pumps often to insure on fin - all good	
· Brok dow pumps and forethy 100 mms	-
· JUSHAJER AM SAMPUS AS LLS	
	·
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'	
Air Technician Signature	
The Air Monitoring Log Book s a multi-page document which must be viewed in its entirety.	



ENVIRONMENTAL SERVICES, INC.

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

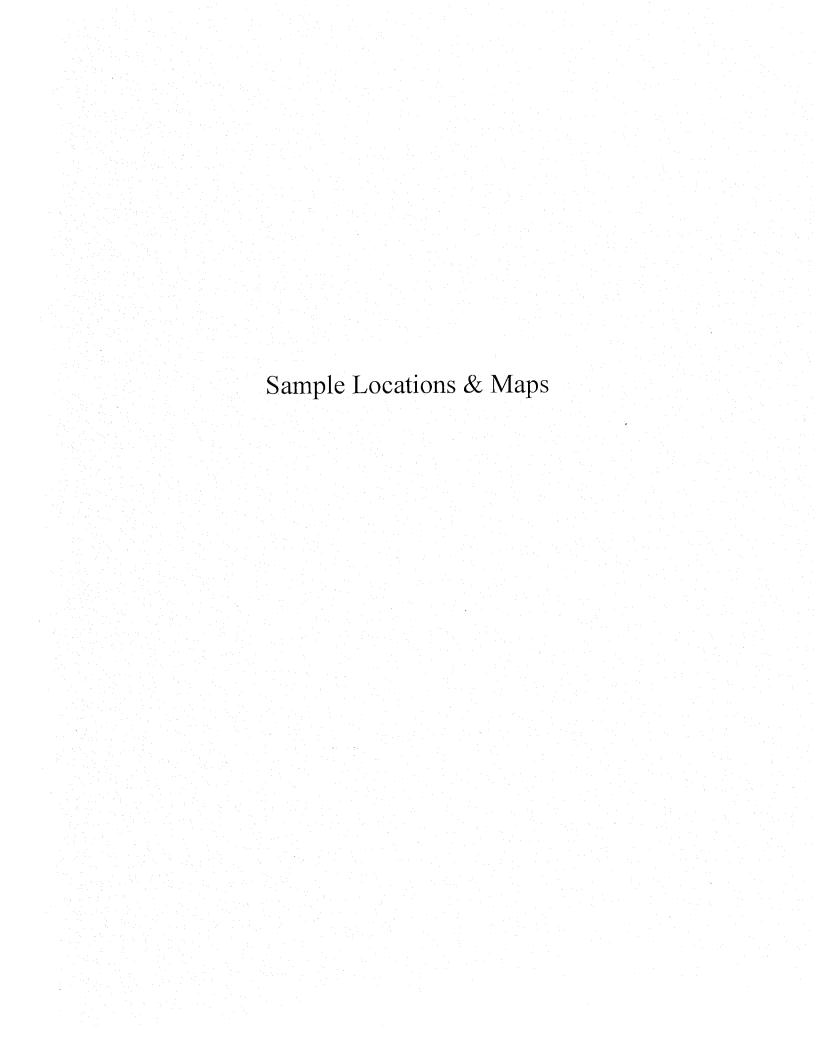
Lab Job #

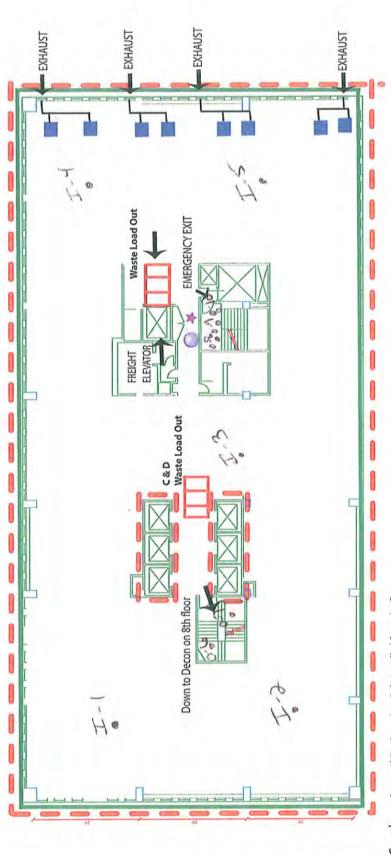
Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket #

Empire State Development Corporation								Mark Snith						
Client								Client Contact Client Contact Phone						
Building/Location Work Area							-	Air Technician Air Technician Phone						
Cambria Bill								An i community florid						
Contractor Contact								Fax Results To: Fax #						
Rotometer # Cassette Lot #							-	Materials to be Removed						
								waterials	o to be ke	moved				
Project Phase	Phase IB Phase II		IA Phase IIB		IIB 🗆	Phase IIC		Phase i	IIC M	₩ Env. □				
	Backgorund	unds Work Area Preparation			Asbestos Handling Final Clean				Clearance A	2				
Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc. Field														
Sample #	4-1	1-7	7-3	2-4	コ・エ	5.4	7.7	0-3	0-9	0-10	0-11	0-12	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-	-y .b	4	4	4	4	4	4	4	4	4		
Start Time Military Time	1504	1504	1505	1505	1505	1506	1500	1510	131	1511	15/2	1512	П	
End Time Military Time	1734	1714	1735	1735	1775	1736		1740	1741	1741	1748	1742	T	
Duration (Minutes)	150	_	113,									->	T	
Sample Volume (Liters)	600											->	4	
Laboratory	analysis F	Performed	d by: Parad	ligm Envir	onmental S	Services.	Inc.				ELAP I	D # 10958	-	
Lab Sample #	hales.				L/B	1				/	1.1	,		
Fibers/100 Fields:	3	6	2	45		F	U.	5	15	1-		- 7	1	
Fibers/cc:	ec. 01	a - 1	2 -1	20,01	2001	20.01		2 316	acrest.		6 0	1	M	
Samples R	Relinguish	ed By:	D	. (ak		Date: 11/14/19							
Received in Lab By:								Date:						
Analyzed By:								Date:						
Microscope Make, Model & #:								Turn-aro	und Time	Immed.	24 Hr.	48 Hr.		





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

Negative Air Machines:

Critical Barriers:

2 Units Stacked

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

Typical Exhaust:

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

100 AMP GFCI Panel fed from 3rd floor

Temporary Water Fed From 17th Floor

Temporary Electric: ₩

workarea #3

MIDTOWN TOWER

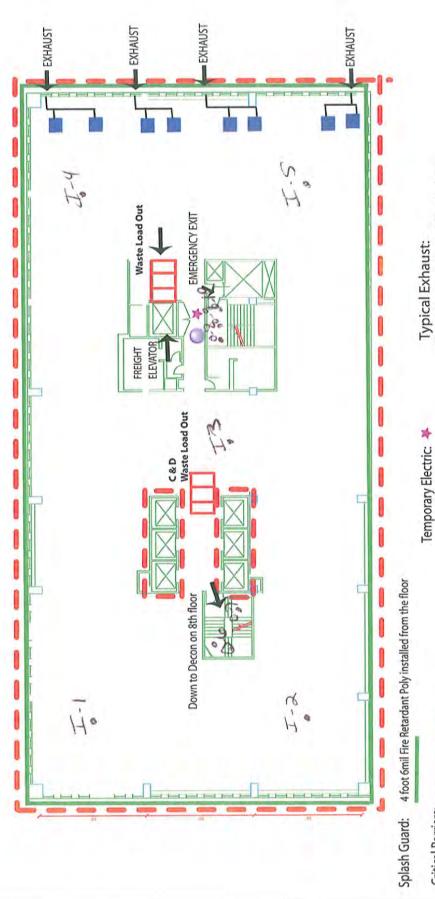
9 th Floor AbatementPlan

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

as shown Drawn by Scale Dete

0

IB- BACKGROUNDS



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

poly on the floors

2 Units Stacked

Negative Air Machines:

Critical Barriers:

Cambria Contracting

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

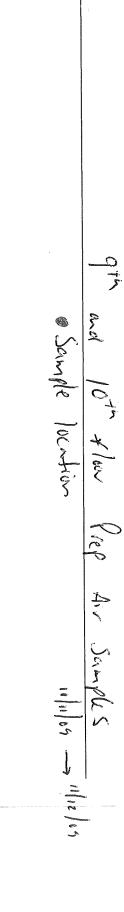
MIDTOWN TOWER

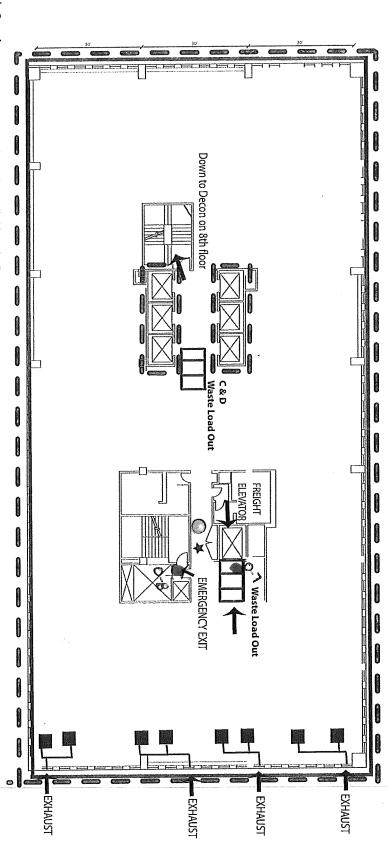
10 th Floor AbatementPlan

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

as shown Drawn by Scale Dete

10





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

Critical Barriers:

Negative Air Machines:

2 Units Stacked

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

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

Fed From 17th Floor Temporary Water 🔾

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

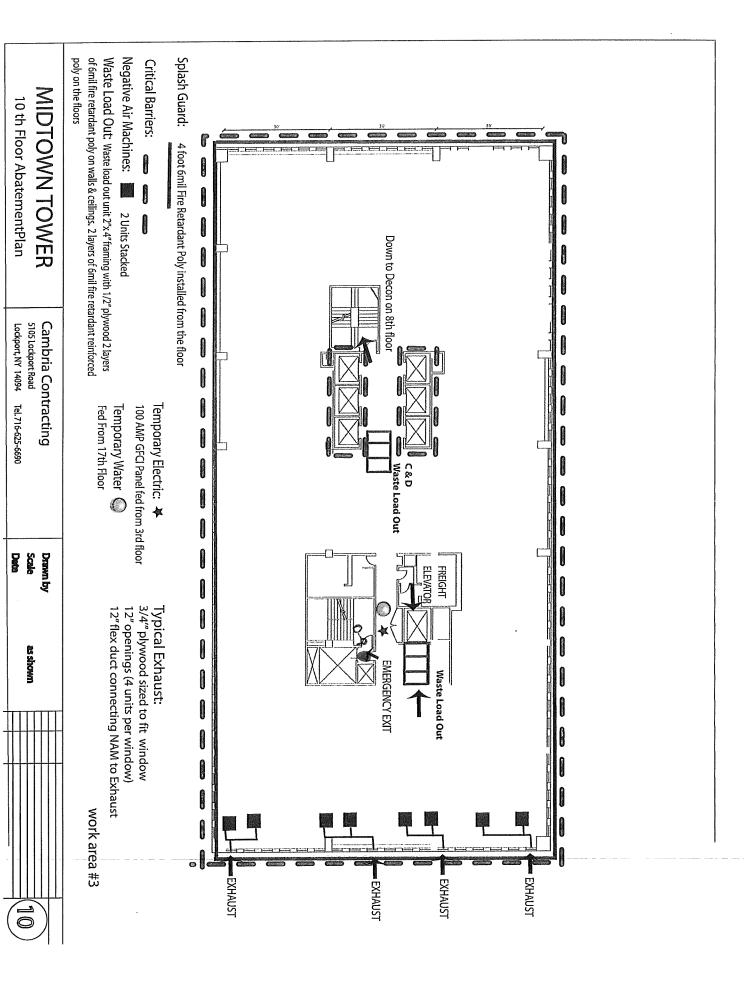
9 th Floor AbatementPlan

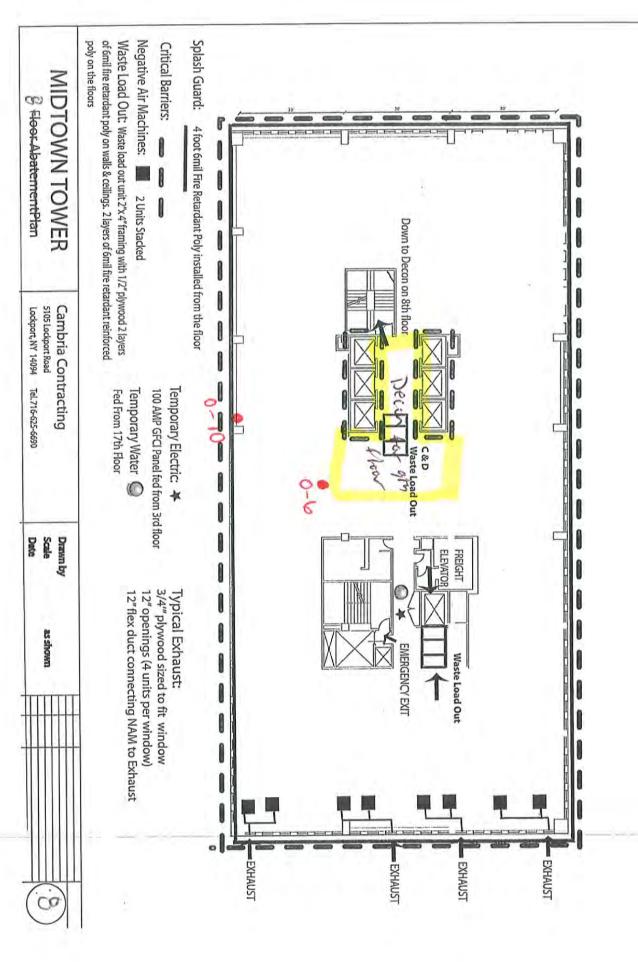
5105 Lockport Road Cambria Contracting Lockport, NY 14094 Tel. 716-625-6690

Drawn by Scale Date

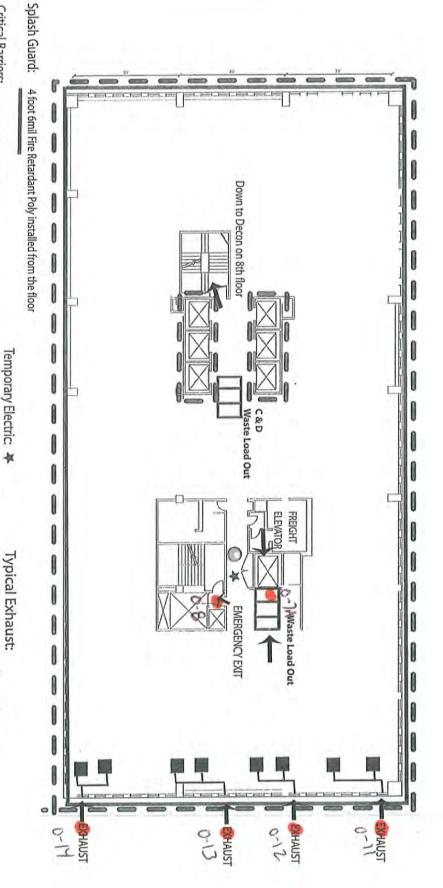
as shown







9th and 10th floor IIB Samples Sample location ID 11/12/09 立く 12/8/07 Ic Anal Clean Samples 12/10/21 12/8/09



MIDTOWN TOWER

poly on the floors

Negative Air Machines:

2 Units Stacked

Critical Barriers:

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

9 th Floor AbatementPlan

5105 Lockport Road Cambria Contracting

Lockport, NY 14094

Tel.716-625-6690

Scale Date

as shown

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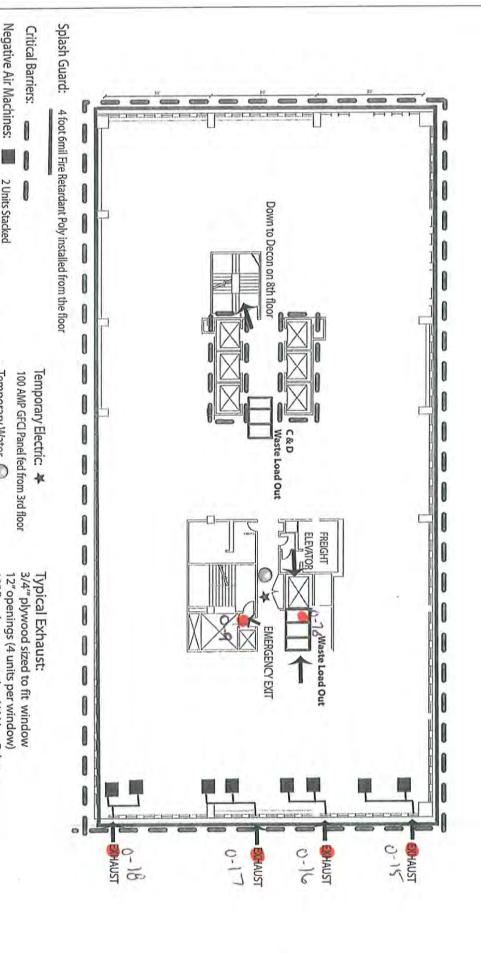
Drawn by

100 AMP GFCI Panel fed from 3rd floor

Fed From 17th Floor Temporary Water

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

workarea #3



poly on the floors

MIDTOWN TOWER 10 th Floor AbatementPlan

5105 Lockport Road

Lockport, NY 14094

Tel.716-625-6690

Drawn by Scale Date

as shown

Cambria Contracting

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

> Fed From 17th Floor Temporary Water

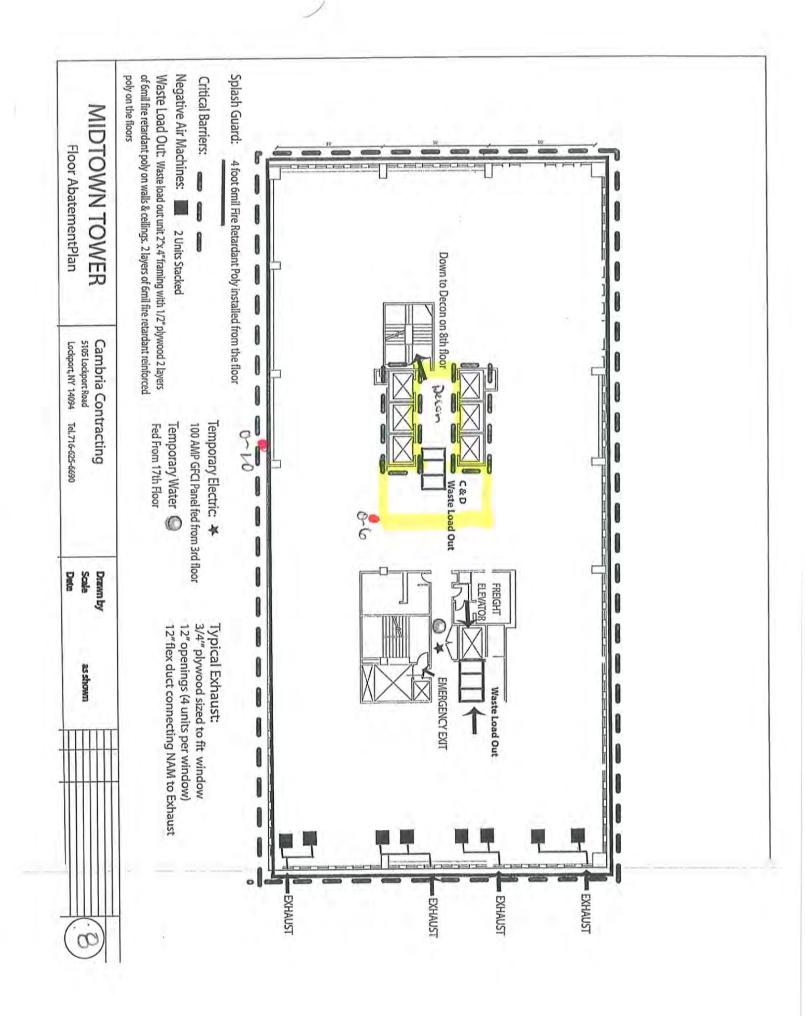
> > 12" flex duct connecting NAM to Exhaust

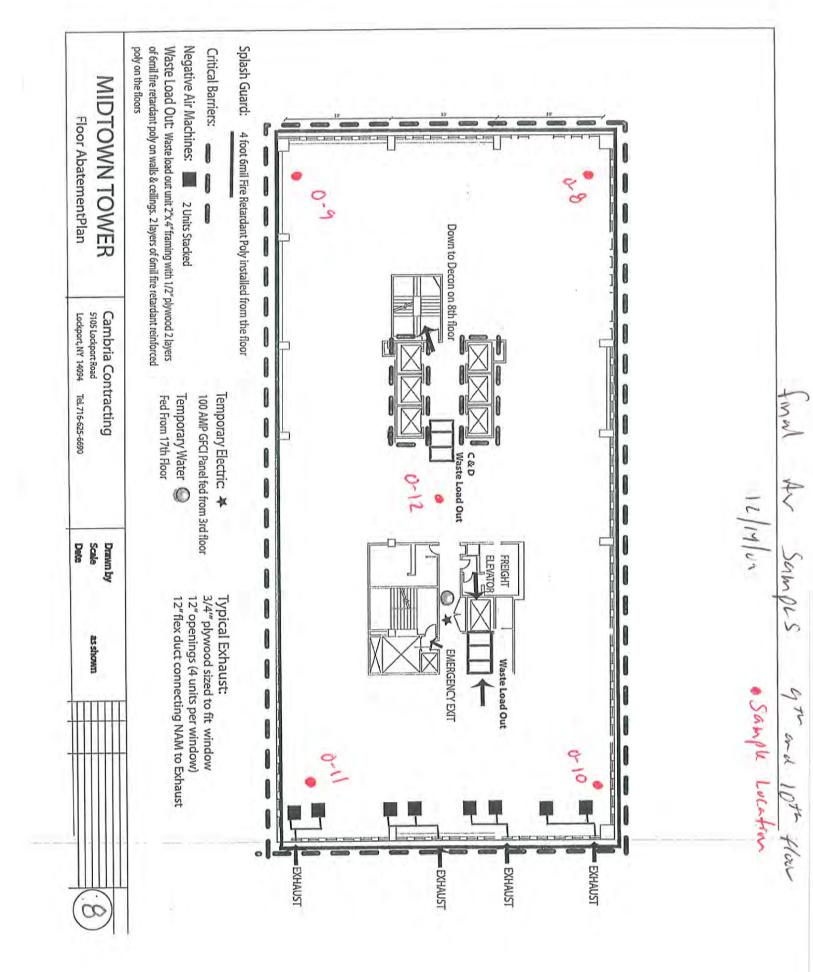
work area #3

100 AMP GFCI Panel fed from 3rd floor

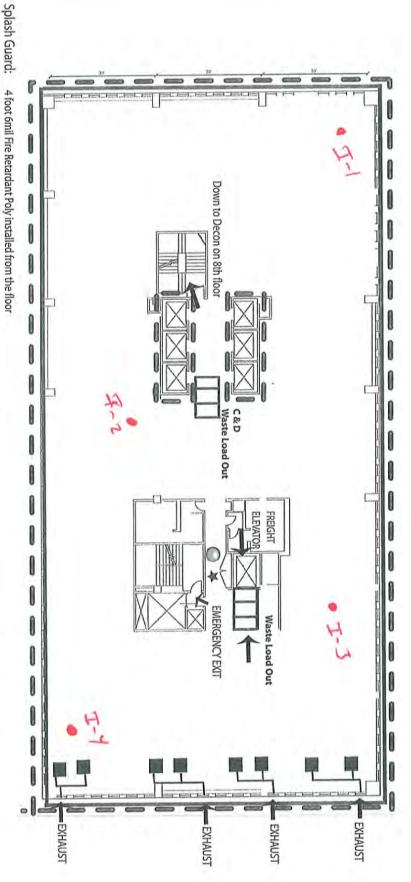
Negative Air Machines:

2 Units Stacked





12/14/09 · Jample Location



4 foot 6mil Fire Retardant Poly installed from the floor

Critical Barriers:

Negative Air Machines: 2 Units Stacked

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

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

Fed From 17th Floor Temporary Water

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

5105 Lockport Road Cambria Contracting

Lockport, NY 14094

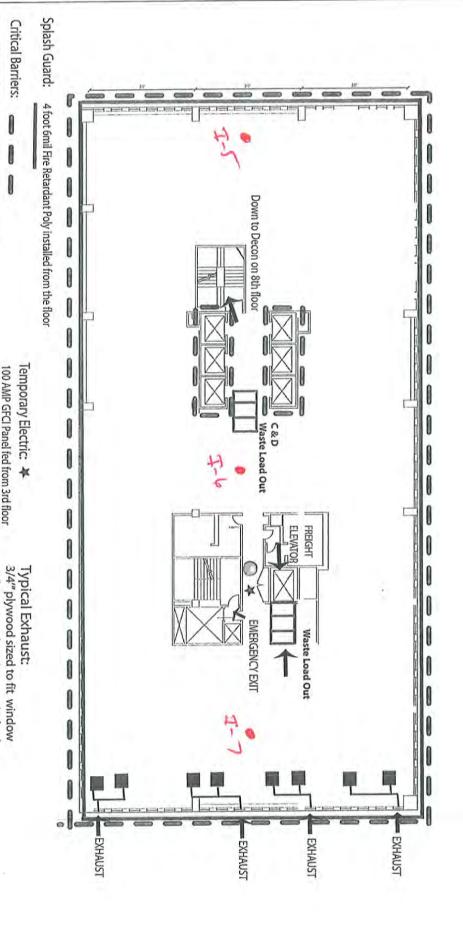
Tel.716-625-6690

Drawn by Scale

Defor

as shown





of 6mil fire retardant poly on walls & ceilings. 2 layers of 6mil fire retardant reinforced

Waste Load Out: Waste load out unit 2"x 4" framing with 1/2" plywood 2 layers

Fed From 17th Floor

Temporary Water

12" flex duct connecting NAM to Exhaust 12" openings (4 units per window)

work area #3

100 AMP GFCI Panel fed from 3rd floor

2 Units Stacked

poly on the floors

MIDTOWN TOWER 10 th Floor AbatementPlan

5105 Lockport Road

Lockport, NY 14094

Tel.716-625-6690

Delos Scale Drawn by

as shown

Cambria Contracting

Negative Air Machines:

Critical Barriers:

P.M. Logs & FVI Misc. Sampling



NAME: Dave Parker	DATE: 9/9/09	
Contract #	Liro Job #:	
HOURS: 0500- 1730	TASK: PM	

LiRo Engine	HOURS: 0500- 1730	TASK: PM	
TIME	ACTIVITY		
0500	On site early to run background air samples	5.	
0515	Set up 5 inside pumps and 5 outside pumps beginning at 0515.	on the 9th and 10 th floors of the Midtown Tower	
0700	Ted Tronnes on site with 2 additional envoy	y employees. Matt Popen and Brandon are on site 's Building. Spoke with all Envoy personnel for	
0745	Droke down hadrowand air complex often achieving 600 liters of air Deckgrounds in the		
0830	Transported bulk MJP sample from Darryl analysisMJP sample came back as AC	and background air samples to paradigm for M.	
0930	Spoke with Darryl and Bill for the day's wo today and begin prepping the 12 th , 13 th and	ork plan. Bill said crews should complete the decon 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		
1100	Meeting with Darryl and Mike from LiRo a responsibilities and expectations. All parties		
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 a of the decontamination unit. Sample 0-7 wa used as a waste out. Samples 0-8 and 0-9 an	around area. Sample 0-6 was set up directly outside s put outside of the freight elevator that will be d in the stairwells by the elevators. Sample 0-10 See map for exact locations as they apply to the	

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 , 13th 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.



2	9 1
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.	

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



NAME: Ted Tronnes	DATE: 11-11-09
Contract #	Liro Job #:
HOURS: 0700-1730	TASK: P.M.

J		
TIME	ACTIVITY Midtown Mall & Tower, Euclid, and B. Foreman	
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 pilled 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.	

1100	Talked to Tom F. about Euclid Bldg. and B. Foreman work.	
1200	Skip overseeing Dalyrmple in B. Foreman Bldg. Skip and Dalyrmple supervisors came to the Cambria office to ask questions on building. Tom F., Bill B., and I answered questions.	
1230	Lunch	
1300	At office for paperwork.	
1400	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 Dalyrmple.	
1430	In 2A containment.	
1530	Out of containment. Talked to Rene about cleaning walls, columns, decking, pigeon holes, and floors once more.	
1600	Over to office to finish up paperwork.	
1700	Headed over to the Mall to help Brandon with the man lift.	
1730	Off site.	



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 - 6 workers outside area loading out ceiling tiles - 2 workers on the 9 th floor removing remainder of ceiling grid - 21 worker finishing removal of ceiling tiles on the 10 th 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.



	
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	The 9 th and 10 th floor area consists of a 30 worker crew and 2 supervisors. Workers are currently split between the 9 th and 10 th floor with a few workers outside the area loading out. Currently there are: - 3 workers outside containment loading out C&D waste. - 15 worker on the 10 th floor doing demo around perimeter columns and ductwork above ceiling - 11 workers on the 9 th floor doing above ceiling protection of critical created during removal of ductwork.
0900	In area to observe 10 th floor demo and 9 th 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 10 th floor and floor on 9 th 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 10 th floor because it leads into the 9 th floor which is also under containment. Holes or penetrations that appear on the ceiling of the 9 th floor or floor of the 10 th 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.
1030	Went to the 11 th floor to check for any potential penetrations into the contained area below. While on the 11 th floor I noticed the pipes from the restrooms created the same type of penetration as they did on the 9 th floor. I notified Mark D. about this and he immediately sent a worker up to the 11 th floor to spray foam these penetrations.
1130	Spoke with Green Earth crew about their plan for mastic removal on the 12 th , 13 th and 14 th 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.
1230	Lunch and paperwork.
1400	Workers on 9 th and 10 th floor will be in same locations after lunch as they were before. Workers will continue demo of columns and ductwork on the 10 th floor and above ceiling protection on the 9 th floor. Crew on the 10 th floor was told they must seal any penetrations they

	make as they come across them. Workers are applying poly to these critical barriers quickly so I have no concerns at this time. Workers are also being very careful around columns being demoed. Debris on the perimeter columns appears to be a hard plaster but workers will still work carefully to insure no disturbance of this material.
1530	There is no remaining ductwork or above ceiling pipes on the 9 th floor. Workers have washed down and loaded out all ductwork as C&D waste. Workers still continue to do above ceiling protection.
1615	Workers approx. 80% complete with above ceiling demo on the 10 th floor. Workers will concentrate on finishing this demo in the morning in order to attempt to finish all protection tomorrow.
1700	Began breaking down all Phase IIB air samples. Samples will be submitted to Paradigm on my way home.
1730	Off site.



		TO REAL PROPERTY.
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: - 3 workers outside containment loading out C&D waste - 25 workers on the 10 th 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 a 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		
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: - 3 workers outside containment doing misc. work - 10 workers on the 10 th floor continuing to apply necessary protection - 16 workers on the 9 th 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.		

1700	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.	
1730	Off site.	



NAME: Dave Parker	DATE:11/18/09	
Contract #	Liro Job #:	
HOURS:0700-1730	TASK: PM	

ers, Inc.	
ACTIVITY- Midtown Tower	
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.	
Workers are currently on 9 th and 10 th floor. Currently there are: - 6 workers on the 9 th floor cleaning remaining demo debris - 23 workers on the 10 th 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.	
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.	
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.	
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.	
Lunch and paperwork.	
Workers are approx. 30% complete with bulk removal of fireproofing on the 10 th floor.	
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.	
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.	
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.	
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.



NAME: Ted Tronnes	DATE: 11-18-09
Contract #	Liro Job #:
HOURS: 0700-1730	TASK: P.M.

ACTIVITY Seneca and Midtown Tower TIME 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. 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 0800 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. Over to the Seneca Bldg. to set up ropes for pulley system. Found out that Marcor never opened windows on the 4th floor for us. Also found out that Marcor did not use the 1st 6 windows with each having a bank of 5 negative air exhausts. Instead they have the window 0820 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. New employee, Josh, on site. Only here for documentation review and observation of work. 1030 Not charging client. Josh in office and went over field rules. 1045 1115 Continued installation of safety latches. *1200* Lunch Byron and Josh to drill more holes in Seneca roof for anchors. *1230*

1300	Brought Josh down to Dave W. for safety orientation.	
1330	Sent Josh to observe with Brandon.	
1335	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 .	
1430	Check on Skip with B. Foreman work.	
1500	Over to office for paperwork and IT call for computers on site.	
1700	1700 Helped Brandon with man lift.	
1730	Off site.	



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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: - 25 workers on the 10 th floor continuing to scrap fireproofing off of beams and deck. - 1 worker outside containment doing misc. work - 2 workers on the 9 th 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 of 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 volumes pumps will insure that I have enough pumps to set up when both areas are running

	simultaneously. Running high volume pumps will also make it easier to set up and break down everyday because these pumps do not need to be charged daily.
1700	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.
1730	Off site.



		manuscriptions.
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	Today there are 2 crews working in the tower. Cambria's crew of 29 workers and 2 supervisors are split between the 9 th and 10 th floor. Green Earth also has a crew of 4 workers and 1 supervisor in the 12 th , 13 th and 14 th floor area. In the 9 th and 10 th floor area there are currently: - 3 workers outside of containment doing misc. work - 11 workers cleaning up the 10 th floor and prepping it for power washing - 15 workers on the 9 th 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. I 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	Workers on the 12 th , 13 th and 14 th 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 9 th and 10 th floor there are currently: - 3 workers outside containment doing misc. work - 8 workers on the 10 th floor cleaning area - 17 workers on the 9 th 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.			

1700	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.		
1730	Off site.		



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 9 th and 10 th floor area. All samples were set up in same locations as previously stated. No samples were set up for the 12 th , 13 th and 14 th floor area. No work is going on in this area today.		
	Workers are split between the 9 th and 10 th floor with a few workers outside of the area. Currently there are:		
0000	- 3 workers outside containment doing misc. work		
0800	- 11 workers on the 10 th floor continuing power wash		
	- 13 workers on the 9 th floor continuing to scrap beams and deck and clean and containerize waste.		
0900	In area to inspect all work being completed. Crew on the 9 th 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 10 th floor the crew is working west to east with multiple power washers. Workers are containerizing that material quickly as well and with the power washer running everything on the 10 th 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 9 th floor and power wash on 10 th 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 9 th 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.		



	<u> </u>	
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: - 3 workers outside containment doing misc work (i.e. supplies) - 13 workers finishing power wash on 10 th floor - 10 workers power washing on the 9 th 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.



		SECOND CONTRACTOR CONTRACTOR
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.		
	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:		
0800	- 3 workers outside containment doing misc. work		
0000	- 5 workers on the 10 th floor continuing with cleaning of beams and decking		
	- 18 workers on the 9 th 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 to 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 of at Paradigm on my way home.		
1430	Off site.		



NAME: Dave Parker	DATE:11/30/09	
Contract #	Liro Job #:	
HOURS:0700-1730	TASK: PM	

LIKO Engine	
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: - 8 workers on the 10 th floor cleaning up after power washing - 15 workers on the 9 th 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 stripped down and removed of 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 sports 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 looks 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.
1700	Began to break down all IIB air samples. All pumps are still running at 3 LPM. Samples will be submitted to paradigm on my way home.
1730	Off site.



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
0/00	floor area. All samples are set up in same locations as previously stated.
	Currently the Cambria crew is in the 9 th and 10 th floor area continuing removal. There are
	currently:
0800	- 5 workers on the 9 th floor removing floor tiles
	- 2 workers on 9 th floor repairing critical barriers
	 1 worker outside containment doing misc work 10 workers on the 10th floor cleaning and prepping area for water blaster
	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
0900	area by the vac truck to make sure nothing goes wrong with equipment. Green Earth crew
0700	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.
	5 workers from Cambria crew on the 10 th floor have moved to the 14 th floor to begin removing
1015	mastic left behind by Green Earth crew. Water blaster can not access smaller areas of the floor
1015	and Cambria crew in tower has agreed to manually remove these spots. There are still 14
	Cambria workers on the 10 th floor cleaning.
THE PROPERTY OF THE PROPERTY O	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
1100	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.
	After lunch crews are back in area there are now:
	- 5 workers on the 14 th floor removing mastic with chemical remover and scrappers
1330	- 13 workers on the 10 th floor doing general clean up
2000	- 8 workers on the 9 th 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.



NAME: Dave Parker	DATE: 12/2/09
Contract #	Liro Job #:
HOURS:0700-1730	TASK: PM

Liko Engine	ers, Inc.	
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	The Cambria crew today is split up in both the 9 th and 10 th floor area and the 12 th , 13 th and 14 th floor area. The Green Earth crew is on the 10 th floor continuing with mastic removal. Currently for the Cambria crew there are: - 2 workers on the 14 th floor removing mastic left behind - 3 workers on the 13 th floor removing mastic also left behind - 6 workers on the 13 th floor cleaning up after mastic - 13 workers on the 9 th 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	Cambria crew on 12 th , 13 th and 14 th floor has finished removal of left behind mastic and has now begun to clean area as part of final clean stage. Currently there are: - 2 workers outside containment doing misc work - 5 workers on 14 th floor cleaning - 10 workers on 13 th floor cleaning - 10 workers on 12 th floor cleaning Green Earth crew is still on the 10 th floor continuing to water blast all mastic. 4 workers on are	
1500	this floor with the supervisor outside of the area. 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.



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NAME: Ted Tronnes	1/2	DATE: 12-02-09	
Contract #	16.0	Liro Job #:	
HOURS: 0700-1730		TASK: P.M.	

TIME	ACTIVITY McCurdy's, B. Foreman, Midtown Tower and Mall	
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.	



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 ay 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: - 2 workers outside containment doing misc work - 8 workers on the 14 th floor final cleaning - 8 workers on the 13 th floor final cleaning - 8 workers on the 12 th floor final cleaning - 1 worker on the 9 th 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 no 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.

	All crews stayed in same areas after lunch. Green Earth has completed the 10 th floor of all
1500	mastic. The crew has set up all equipment on the 9 th floor and will begin removal of that
	mastic tomorrow morning.
	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
1530	detailed inspection I was just looking for any big spots that may have been left behind that
1000	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.
	Began to break down all air samples. All pumps are still running at 3 LPM. No air samples
1700	will be set up tomorrow for the 12 th , 13 th and 14 th floor area during inspection. I will submit all
1700	samples to Paradigm today on my way home.
1730	Off site.



	· ·	
NAME: Dave Parker	DATE: 12/4/09	
Contract #	Liro Job #:	
HOURS:0700-1730	TASK: PM	

Liko Lugine			
TIME	CTIVITY- Midtown Tower		
0700	p IIB air samples for the 9 th and 10 th floor. No samples were set up for the 12 th , 13 th and loor area because we are going to do the final visual inspection today. All samples set up the same locations as previously stated. Pumps were set up at 3 LPM.		
0800	ne Cambria crew is currently moving around supplies on the 9 th and 10 th floor and some orkers are getting ready for the final visual inspection. Workers will be following ted and I be following ted and I be 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 astic 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	he final visual inspection for the 12 th , 13 th and 14 th floor has failed. While in the area Ted a found multiple spots that were not clean enough to pass inspection. Spots were all minor eas that were hidden until you look closely. There were too many minor spots for crew to ean as we went along. Ted and I completed the inspection of all areas even after we had nough spots to fail the inspection. We made a detailed lost of all areas we wanted clean so at crew knew exactly where to look. This list will also help us when it comes time to respect the area. The list included: - 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 12 th and 13 th floor - Interior beams on all floors need to have bottoms vacuumed and wiped clean of debrication. Aluminum beams around perimeter of 14 th floor need to be re-cleaned - Small mastic spots in the small area south of the waste decon unit where water blaste could not access on the 12 th and 13 th floor hese areas will be re-cleaned by the crew tomorrow. I will stay in the area tomorrow for me of the day to check all work against the list. When the stuff on the list is complete the crew ill wipe down and vacuum remaining surfaces and be ready to pass visual inspection.		
1600	aperwork.		

1700	Broke down all 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.		



NAME: Dave Parker	DATE:12/05/09
Contract #	Liro Job #:
HOURS:0700-1600	TASK: PM

ACTIVITY- Midtown Tower **TIME** On site/ set up IIC final clean air samples for 12th, 13th and 14th floor. Crew is in area recleaning all spots pointed out during the final visual inspection. All samples are set up at 3 0700 LPM. All samples are in same locations as previously stated. In area to inspect work being completed. While in area I toured with Louis to show him all 0800 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 12th and 13th floor. When the crew completes this floor they will move to the 14th floor to begin cleaning areas on that floor. 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 1000 the area will be ready to pass visual inspection tomorrow. The crew finished all mastic spots on the 12th floor and is now cleaning and vacuuming the 1130 bottoms of all interior beams. Crew decided to take a quick lunch break because they still have a few hours of work to 1215 complete. Back in area to inspect all spots in question. All areas on the 12th floor have been complete. Majority of 12th floor crew is now on the 14th floor addressing dirty areas. 2 workers were left on the 12th floor to wet wipe and vacuum all surfaces. I inspected all areas that were found to be dirty vesterday and all were cleaned. The 12th floor is clean and ready to pass visual. Due to 1255 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. Crew has finished cleaning all dirty spots on the 13th floor. 2 workers left on this floor to finish vacuuming and wet wiping all areas. Remainder of crew has moved to the 14th floor. I 1345 inspected all areas of the 13th floor at it is now ready to pass visual inspection. Crew said they believe they have completed all areas on the 14th floor. I inspected all areas and found them to be cleaned to code rule standards. Ted Tronnes and I will be in tomorrow 1445 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. 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 1530 the final visual inspection. Upon completion of the inspection I will stay after to run final air samples. 1530 Off site.



 NAME: Dave Parker
 DATE: 12/6/09

 Contract #
 Liro Job #:

 HOURS:0700-1500
 TASK: PM

TIME ACTIVITY- Midtown Tower On site with Ted Tronnes to complete final visual inspection of the 12th, 13th and 14th floor 0700 area. Louis from Cambria is also on site to give us any assistance we may need. 0715 Began final visual inspection. 0900 Final visual inspection has passed. Ted Tronnes and I are now in the area to run aggressive air sampling. Ted and I will be 0915 running a leaf blower over all surfaces for 2 hours each. Finished aggressive airs and now setting up 20" box fans for ongoing agitation. 1100 Ted Tronnes is off site I will now begin final air sampling. There will be 11 air samples set up inside the area and 5 samples outside the area (see map for exact locations). All pumps will be 1130 set up at 4 LPM and ran for 150 minutes for a total of 600 liters of air. Broke down air samples after 150 minutes. All samples will be submitted to Paradigm on my 1400 way home. A lab tech will read them tonight and give me results as soon as possible. 1500 Off site. Call from Paradigm at approx. 730 to inform me final air samples have passed. I immediately informed Mark DePante and Todd Cioppa of results.



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: 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		
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.			



NAME: Dave Parker DATE: 12/8/09 Contract # Liro Job #: HOURS:0700-1730 TASK: PM

LiRo Engine	ers, Inc.		
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: - 10 workers on the 9 th floor cleaning area - 10 workers on the 10 th floor cleaning area - 3 workers on the 12 th floor assembling the personal decon that will be used for the 11 th floor - 4 workers on 12 th , 13 th and 14 th 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 in 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.		

1730	Off site.



Duty Summerly Report			
NAME: Dave Parker	DATE: 12/09/09		
Contract #	Liro Job #:		
HOURS:0700-1730	TASK: PM		

TIME ACTIVITY- Midtown Tower Set up air samples for the 9th and 10th floor. All pumps are set up at 3 LPM. Samples are set up 0700 in same locations as previously stated. In tower to check locations of workers. Currently there are: - 3 workers on the 11th floor framing waste decon outside of the freight elevator 0800 - 2 workers outside the area doing misc work - 22 workers split between the 9th and 10th floor doing final clean In area to begin courtesy visual for 9th and 10th floor. I began on the 10th 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 0900 needs to be vacuumed at the end of the final clean. The 9th 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. On the 8th floor discussing what I found with Mark and Sergiy. 1215 1300 Lunch and paperwork. After lunch crew remained in same area as they were before lunch. Majority of crew members are on the 9th and 10th floor continuing with the final clean stage. Crew says they should be 1400 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. Back in 9th and 10th floor area to inspect surfaces completed on the 9th floor. Some small spots of debris were found. Spots were marked and cleaned quickly. Around the perimeter wall of 1445 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. Inspected areas surrounding the 9th and 10th floor to insure no water is leaking out of the area. 1600 No such spots were found. Began breaking down all air samples for the 9th and 10th floor. All pumps are still running at 3 1700 LPM. Samples will be submitted to Paradigm on my way home. 1730 Off site.



		reversion with the contract process of the con-
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.		

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



NAME: Dave Parker	DATE: 12/10/09
Contract #	Liro Job #:
HOURS:0700-1730	TASK: PM

LiRo Engine	ers, Inc.	110UKB.0700-1730	IASK. I W	
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	In the tower to check location of all workers and figure out what they are doing. Currently there are: - 1 worker is outside the area doing misc. work. - 9 workers are on the 10 th floor final cleaning - 17 workers are on the 9 th floor final cleaning 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.			
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	fact the agreed will be the da	at the crew probably won't be able to find to clean for the rest of the day today and able to finish the area with another full y tomorrow. The visual inspection has n	ly and Todd about progress. We discussed the hish cleaning by the end of the day. The crew day all day tomorrow. I am confident that the crew day of cleaning. I will be in the area for most of tow 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 i	n area to check spots that I marked to be	re-cleaned. Spots that were cleaned look good.	
1630	Paper work			
1700		breaking down all air samples. All pum tted to Paradigm on my way home.	ps are still running at 3 LPM. Samples will be	
1730	Off sit	ee.		



NAME: Ted Tronnes	DATE: 12-10-09
Contract #	Liro Job #:
HOURS: 0700-1730	TASK: P.M.

LiRo Engineers, Inc.

TIME	ACTIVITY Midtown Mall and Midtown Tower		
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.		

1415	Down to service tunnel to check on pumps.
1430	Over to office for paperwork and to type up log for service tunnel.
1500	Sent log to Mike.
1515	Over to Mall to help Brandon with man lift.
1610	Talked to Byron about service tunnel log for Mike.
1625	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.
1700	Helped Dave P. break down pumps.
1715	Broke down pumps in service tunnel.
1725	Over to office to finish paperwork.
1730	Off site.



 NAME: Dave Parker
 DATE: 12/11/09

 Contract #
 Liro Job #:

 HOURS:0700-1400
 TASK: PM

LiRo Engine	ers, Inc.	HOURS:0700-1400		SK: PM	
TIME	ACTIVITY- Midtown Tower				
0700	On site/ set up all air samples for the 9 th and 10 th floor. All pumps are set up at 3 LPM. Samples are in same locations as previously stated.				
0800	10 th flo	In the tower to check location of workers. Most workers should be split between the 9 th and 10 th floor so they can finish the final clean. Currently workers are: - 6 workers on the 5 th floor assembling decon to be used for the 6 th , 7 th and 8 th floor area - 20 workers split between the 9 th and 10 th floor			
0900	In area to inspect pigeon holes on both the 9 th and 10 th floor. Pigeon holes that were previously pointed out to be re-cleaned look very good. Pigeon holes not pointed out look good for the most part. Some still look dirty and were pointed out to crew. These pigeon holes will be cleaned as soon as possible. In area for a while to make sure workers are getting spots that have been pointed out as trouble spots. Workers are working very well, I am confident the crew will finish by the end of the day.				
1045	Crew has finished detailed clean and is now wet wiping and HEPA vacuuming all surfaces down. The crew has decided to work thru lunch in order to get out at 1400. Still in area to insure all surfaces are wiped down and clean.				
1300	Spoke with area supervisors about plan for final visual inspection. Our plan is to go in first thing Monday morning with approx. 10 workers and start on the 10 th floor.				
1340	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.				
1400	Off site.				



0715

Midtown Plaza Complex Asbestos Abatement

Daily, Summary Report	
NAME: Dave Parker	DATE: 12/14/09
Contract #	Liro Job #:
HOURS:0700-1730	TASK: PM
•	
IVITY- Midtown Tower- 9 th and 10	0 th floor, 11 th floor, 6 th ,7 th and 8 th floor
/ 1 1 1 C d oth 110th a TI T' 17' 17 d' '	

ACTI

On site/ no samples have been set up for the 9th and 10th floor. The Final Visual Inspection is scheduled for first thing this morning. I will begin the visual inspection shortly.

Checked locations of workers and what they will be doing before beginning the inspection. Currently there are:

- 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.

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.

1130

0745

Short break to warm up before going back in to inspect the 9th floor.

1145

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,

	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. Off site.
	1715	Checked all pumps multiple times during final air samples to insure they are running properly.
	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.
	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.
	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.
	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.
; ;		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.



 NAME: Ted Tronnes
 DATE: 12-14-09

 Contract #
 Liro Job #:

 HOURS: 0700-1630
 TASK: P.M.

LiRo Engineers, Inc.

LiRo Engine	ers, Inc.		
TIME	ACTIVITY Midtown Mall, Tower, and Service Tunnel		
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.		

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

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u Turken						
	Midtown Plaza Complex Asbestos Abatement					
	Daily h	Daily Summary Report				
	NAME: Dave Parker	DATE: 12/15/09				
	Contract #	Liro Job #:				
LiRo Engine	HOURS:0700-1730	TASK: PM				
Line Lug	ers, mc.					
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.					
	Checked location of all workers. Currently t					
0800	- 3 workers outside the area doing mis	c work				
0000	- 4 workers on 12 th floor to finish building the decon that will be used for the 11 th floor					
	- 19 workers on the 9 th and 10 th floor t					
	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					
0000	timely manner. Crew knows to tear down the decon last to insure any debris found can be					
0900	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.					
0020	While the crew tore down critical I inspected most barriers to insure no major debris was					
0930	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. Spoke with Mark D and Bill to figure out crews plan when they complete the tear down. Mark					
1115	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.					
	After lunch the crew stayed in same areas as					
1330	- 3 workers outside containment moving equipment					
1550	 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 competed tear down of entire 9 th and 1					
1/00	removed from area as ACM. The area looks	very good.				
		, and the second se				

1730

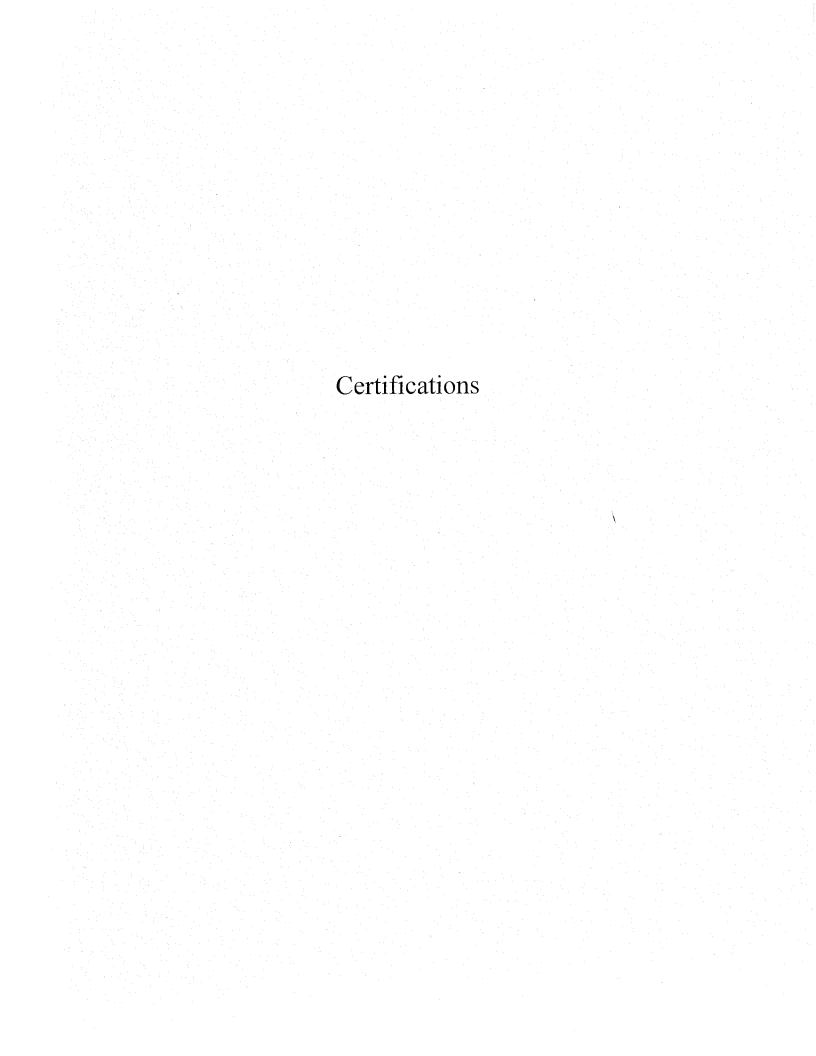
Off site.

Envoy Environmental Consultants Inc.

Empire State Develop	ment	Project Monitor Visu	al Inspection Rep	ort (L)	
	. 1	As per 12NYCRR Part 56 a	amended January 11, 200	3	
Building & Location:	Midton	n Tour	1th and 10 7/6	ผว์ob Ticket #	
Project Description ESDC		Work Area	•	PROJECT# 09/10	57 <i>B</i>
Client//Owner (Print Name)		Client/Owner Representative (print name	9)	1/	
Cambria Abatement Contractor:	. /	X MARK DEVA Supervisor (print name)	WIE	X 09-13704 NYSDOL Asbestos Handling Certificate Num	nber
Yes No Supervisors Visual inspection Complete	X Supervisor	Manu De Vano Completing Visual Inspection (print name)	TE X	D 9 - 13 70 4 stos Handling Certificate Number	Dale
	~14	2 4	120	-	12/14/09
Project Monitor (Print Name)	(1)	NYSDOL Asbestos Handling Certificate			Dale
Site Emergency Phone:	711_			ds.	
Job Type: Class I	Class II	Sornyun, ET F	im, mas, u	of, utm	
• • • • • • • • • • • • • • • • • • • •	ß Small □			Designat with Multiple Demovale	Sq Ln Ft
Project Monitor Visual In	spection Chec			Project with Multiple Removals	
Section A	Needs	Section B	Needs	Section C	Needs
Inspectors Checklist	SAT Action N/		SAT Action N/A	Procedures/ Paperwork	SAT Action N/A
Equipment 1. Flashlight	Not Required ☐ ☐ ☐	Personal Decontamination Ui 22. Clean & Free of Debris & Dust	nit Required to Pass	Paperwork & Proceduros 42. Written Scope of Work (attached)	Reguired to Pass ∠□ □ □
2. Knife or pointed object		1		43. Verbal Scope of Work (see below)	
3. Respirator 4. Hard Hat				44. Supervisor Present 45. Wait period observed	
5. Safety Glasses		l l	t Required to Pass	,	
6. Tyvex Suit		-		Paperwork & Procedures 45. Area Asbestos Survey	Not Required ☑ □ □
7. Gloves Inspection	Not Required	27. No Visible Pools of Liquid 28. No condensation		46. Sign into work area	
8. Enter all Spaces	.2° 0 0	i i		47. Sign out of work area	
9. Inspect at Close Range		, -		48. Entry into Supervisors Log	
Areas to Inspect 10. Permanent Fixtures	Not Required	30. No Visible Pools of Liquid 31. No condensation		49. Detail Findings 50. Enter Full Name	
11. Light Fixtures		•		51. Enter AH Cert. Number	
12. Ductwork		33. All Isolation Barriers Intact		52. Worker Present	
13. Elevated Horizontal Surfaces					
14, Pipes 15. Ceiling Grids/Sprinkler Heads					
16. Conduits		- 1			
17. Hauserman Channels		-1			
18. Floor and Wall Penetrations		1			
19. Creases & Folds in Criticals 20. Walls & Corners					
21. Floors		1 47. Completeness of Cicum-up			
Inspection requires a project monit	or review of a writte	n scope of work prior to the visual insp	ection to assure completen	ess of abatement and clean up.	*
Deficiencies, Corrections o	r notes Brie	fly list all deficiencies and target compliance	dates		
1.		4.8		- 4	44 11
2. HM A	en to	· Hard Selen	Seinoued	from 7 and 10	7 4/6W
3. Lale.					
4.	of and an alled by the		ole within the may lated am to m	nois also state this	
Verbal Scope of Work (any verbal scope	of work supplied by th	e contractor must be written below, if materia	als within the regulated are to re	nam also state this).	
			Tab PA		
.11	(1)	1		_	
Supervisors Signature	1/)c/m	1	Date.	12-14-09	
Project Monitor Signature	J. J.		Date.	12/14/09	
PASS 🗹	Area Cleared to p	proceed with Clearance Airs	FAIL 🗆	Area needs Reclean and Reinspection	
This report represents the condition	n of the above men	tioned site at the time and date the obs	servations were made.		
Inspection performed by certified p	roject monitor, scop	e does not include full project monitorii	ng responsibilities a <mark>s</mark> define	by 12 NYCRR Part 56-3.2(d)(8).	and the second
Inspection was performed in according	dance with 12NYCR	R 56-9.1(d) & (d)(1) and ASTM docum lion is the responsibility of the asbestos	nent E-1386-05, (8.4.1 & 8. s abatement's supervior and	4.5). Visual inspections do not include ins er subpart 56-9 3 of ICR-56	spections behind,
amoer or above critical or isolation t	ramers. This impsect	and the responsibility of the aspestos	, apatement a supervior uno	5. 3355an 30 5.5 5.75n 50.	

White - Envoy / Paradigm Yellow - LiRo Pink - Contractor

Copy delivered to:



STATE OF NEW YORK - DEPARTMENT OF LABOR ASBESTOS CERTIFICATE

DAVID TRARKER CLASS(EXPIRES) CLATEC(05/10) TPM (05/10)

CERT# 08-10920 DMV# 138257303 MUST BE CARRIED ON ASBESTOS PROJECTS

New York State Department of nearth Certificate of Aspestos Safety 11 anims This form is the official record of successful completion of a New York State accredited asbestos safety training course. Certificate No. I - To be completed by Trainee NYS Depart. of Motor Vehicles ID (DMV ID) Name of Trainee (print) Date of Birth1 Telephone Number Signature of Trainge Address Ruchoster 14626 NY (Street or PO Box) 1-/ce//3000 (Zip Code) (City) (State) H = To be completed by Training Sponsor Telephone Number Provider's Name Cornerstone Training Institute Coursë 1686 Eyell Avenue Suite 200 Location: Rochester, NY 14606 NYS DOH use only 🛮 Initial 🔀 Refresher DOH Equivalency² **Course Title:** Exam Grade/Date: Training Language: English 109 Expires: 56 1<u>09</u> To: <u>5</u> Dates of Training: From: 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: (Print)

DOH-2832 (10/03)

Optional Information

²DOH Equivalency signed by NYS DOH representative only

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<u>)</u>

MEDITALOR FIL- LEVI KECOKE
Employee's Name: DAVE PARKER
Employee's Social Security Number: 5004
Fit Test Date: 10-27-09 Person Conducting Fit-Test: 7. TRONNES
Respirator Selected for Test: FACE.
Manufacture: Noath Model: 7600
Respirator Size: Med.
Type of Fit - Test Conducted: <u>Qualitative</u> Type of Agent Used: <u>Irritant Smoke</u>
Was Rainbow Passage Used: Yes: \(\sim\sim\) No:
Was Face Piece to Face Seal Obtained: Yes:No:
Signature of Person Performing Fit Test.

Concentra Medical Centers (NY) 887 Lee Rd Sulle 208 Rochester, NY 14608 Phone: (585) 458-7910 Fax: (585) 458-7507

Medical Surveillance - Asbestos

Patient:	Parker, David	Job Title:		Ann I koronominanting			
SSN:	XXX-XX-5004	Employer:	Envoy Environm	ental Services			
DOB:	05/04/1986	Address:	57 Ambrose St				
Gender:	М			10001015			
Marital Status:	S		Rochester, NY 1	46081215			
Address:	151 Hallbar Rd		Shawn House Primary Contact				
	DOOLIECTED NV 14696		(585) 454-1060				
	ROCHESTER, NY 14626		(585) 454-1062				
	(585) 255-0014						
Work Phone:	Ext.:	Race:	ASIAN BLACK	HISPANIC INDI	IAN WHITE OTHER		
					,		
The above individ	fual was seen on 05/05/2009 in a	ccordance with:	29 CFR 19 40 CFR 76				
The following w	as performed:						
Completion pulmonary	n and review of the standardized med , cardiovascular, and gastrointestina	dical questionnaire I systems per Appe	and work history wi ndix D in 1926.110	th special emphas 1.	is directed to the		
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.							
Treview of	information from previous medical ex	kaminations if availa	able.				
Aphysical 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).							
_	ccording to 29 CFR 1926.1101 (M)(2))(ii)(C), it is up to the	e discretion of the p	hysician whether o	or not a chest X-ray		
The employers	oyee was informed by the physician o estos exposure including the increase exposure.	of the results of the d risk of lung cance	exam and of any mer attributable to the	edical conditions to combined effect c	hat may result If smoking and		
employee at an inc	noted below, this evaluation indicates creased risk of material health impain employee concerning the use of perso	ment from exposure	to asbestos, and t	here are no recom	place the mended		
Comments or limit	ations (if any):						
A & A Amphocontine TV T	And the second s	and the second s	A. CARTINGO IN THE		GOOGGE STREET VI		
Appropriate Address of the Control o			1111	Control of the Contro	* ************************************		
EXCESSION OF THE PARTY.	199		~	}			
	mari	onty 1	(AZ	5	5-05		
	Provider	Signature 🜙			Jate ´		

Concentra Medical Centers (NY)

687 Lee Rd Suite 208 Rochester, NY 14806 Phone: (585) 458-7910 Fax: (585) 458-7507

EMPLOYER AUTHORIZATION AND INFORMATION FOR RESPIRATORY EVALUATION

EMPLOYER TO COMPLETE THE FOLLOWING:	Address:	
Employee Name: Parker, David	151 Hallbar Rd	& A PARTICIPATION 7 .
Elihioyas Hallis.	ROCHESTER	NY 14626
Employer: Envoy Environmental Services	Employee SSN: XXX-XX-5004	
	Extent of Useage (Check V	ALL that apply)
Check Type of Respirator(s) To Be Used (Check ✓ALL that apply) ☐ Air-purifying (non-powered) ☐ Air-purifying (powered)	On a daily basis To	tal Hours
Atmosphere supplying Respirator	Occasionally - but not mor	e than twice a week Total Hours
Combination air-line and SCBA	Rarely - or for Emergency	situations only Total Hours
Continous-Flow Respirator		uired (Check VALL that apply)
Supplied-Air Respirator	Light Moderate	
Open Circuit SCBA Closed Circuit SCBA Dust Mask 1/2 Face with Canisters Full Face with Canisters	Exposure to Hazardous Mate	rials (Check ✓ ALL that apply)
Make:Model:Cartridge:	Arsenic	☐ Benzene
	☐ Çoke Oven	☐ Cotton Seed / Dust ☐ Formaldehyde
Special Work Conditions (Check Y ALL That Apply When Wearing Respirator)	Cadmium Methylene Chloride	Lead Lead
☐ High Places ☐ Enclosed Places ☐ Protective Clothing	Textiles	Chromium
Temperature Extremes Mostly Cold Mostly Hot	Other(s):	
Other		
Questionare will be: HAND CARRIED MAILED OTHER	EVALUATION AUTHORIZATIO	N BY: Signature of Employer Representative
	BELOW THIS LINE	DO NOT WRITE BELOW THIS LINE
PLHCP WRITTEN STATEMENT for RESPI	RATORS (EMPLOYER)	
THE THE FOLLOWING		
a	er contact only. The Americans with Disa	abilities Act
(ADA) imposes very strict limitations on the use of information obtained during physical oxacimates must be collected and maintained on separate forms, in separate files, and must be treated as a co supervisors and managers may be informed about necessary restrictions on the work or dulies		
Supervisors and managers may be informed about necessary realizations of the front of the first aid and sefety personnel may be informed, when appropriate, if the disability might require	s emergency treatment.	
Beach upon my findings. I have determined that this individual (Check VALL that apply)	j	
Employee must schedule a medical examination with Concentra Medical Centers	prior to respirator app	oroval and usage.
Na house I. No Postrictions on Respirator Use		··
Class II - Some Specific Use Restrictions	or Escape Only Green	
Class III - Respirator Use is NOT PERMITTED		
Further Yesting / Evaluation is Required. 2		
Fit Test NOT Performed at: Concent	ra Medical Centers (N)	
Special prescription eyewear needed to accommodate respirator	escription eyewear needed to accommo	date respirator
Facial hair needs to be shaved to assure tight seal on certain face masks.		
	dio Concontra Medical Cer	nters (NY)
Physician of other Licensed resultate Floressional Employee must seek further medical evaluation by a private physician who must submit a report of the private physician who must submit a report of the private physician who must submit a report of the private physician who must submit a report of the private physician who must submit a report of the private physician who must submit a report of the private physician who must submit a report of the private physician who must submit a report of the private physician who must submit a report of the private physician who must submit a report of the physician who must be physician who must be private physician who physician	Concentia medica San	2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
of his/her findings to		
(Check ✓ ALL that apply) The above individual <u>HAS</u> been examined for respirator fitness in accordance with 29 CFR 19	ng.134. This limited evaluation is specifi	c to respirator
Ties only Employees should be instructed to report any difficulties in using respirators of chair	ge of any physical status to their supervi	sor or physician.
The above individual HAS NOT been examined by me for respirator littless. The employees		
Questionnaire in Appendix C Part A Section 2. In accordance with 20 Crit 1310,104, one thing to report any difficulties in using respirators or change of any physical status to their supervisors.	or or physician. This avaluation included	the Respiratory Questionnaire
outlined in 29 CFR 1910.134. In accordance with specific OSHA requirements, I have informed the above named individual exposures that may require further explanation or treatment. Where applicable, the above name of the specific of the s	of the results of this evaluation and or at med individual has been informed of the	increased risk of lung cancer
exposures that may require further explanation or treatment. Where applicable, the according and asbestos, lead and/or other chemical expo	sure(s).	
M P T VOA	transfer of the same of the sa	
Physician's Signature	Physician's Name	(Printed)
5443		Evoless On
Physician's License Number (Optional in Most States)	Date of Exam	Expires On
r_plhcp_stmt_resp_employer Page 1 of 1		Print Date: 05/05/2009 Revision Date: 06/29/1999
To be maintained in the employee's file	with a copy to the employee	Revision Date: 06/29/1999

STATE OF NEW YORK - DEPARTMENT OF LABOR

ASBESTOS CERTIFICATE

THEODOREATRONNES CKASS(EXPIRES) CATEC(06/10) D (NSP(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. I – To be completed by Trainee NYS Depart. of Motor Vehicles ID (DMV ID)¹ Name of Trainee (print) Signature of Trainee Address GLISH B. (Zip Code) (State) (Street or PO Box) (City) II - To be completed by Training Sponsor Telephone Number Provider's Name Cornerstone Training Institute Course າດີສື່ວີ Lyell Avenue Suite 200 Location: Zip Rochester, NY 14606 NYS DOH use only Course Title: PROSECT MONITOR DOH Equivalency² Initial 🔀 Refresher Training Language: X English Exam Grade/Date: Other:

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:

Dates of Training: From:

Optional Information

²DOH Equivalency signed by NYS DOH representative only

(Print)

DOH-2832 (10/03)

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.

	Certific	ate No. $\underline{\underline{\vee}}$					
I – To be completed by Trainee							
Name of Trainee (print)	NYS Depart. of Motor Vehic	les ID (DMV ID) ¹					
TROWNES. Theodore 4.	775 - 062 - Telephone Number	693					
Signature of Trainee	Telephone Number	Date of Birth ¹					
The second secon	(535) 202-5733	06/21/1973					
Address 20 ENGLISH RO. ROCHEST	R. N.Y. 17616	i					
(Street or PO Box) (City)	(State) (Zip	Code)					
II – To be completed by Training Sponsor							
Provider's Name	Telephone Number	9-3525					
Address 1680 Lyell Ave	Course Location:						
Zip Code / 4606		Ma DOM					
Course Title: NYS DOH use only DOH Equivalency ²							
Training Language: English Other: Exam Grade/Date: 70 / 1/5/0=							
Dates of Training: From: 7/5/27To:	/	15/13					
I certify that the asbestos safety training course given on TSCA Title II, was consistent with the curriculum and Health, and the trainee receiving this certificate completed	instructors approved by the New Yo	ork State Department of					
Training Director ² :	(Sig	nature)					
1 2832 (10/03) Optional Information 2DOH Equivale	ency 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

MPLOYER TO COMPLETE THE FOLLOWING:	Address:	
Employee Name: Tronnes, Theodore A.	320 English Rd	A. Marian
Employee traine. Homes, modern	ROCHESTER	NY 14616
	Employee SSN: XXX-XX-5897	
Employer: Envoy Environmental Services		
Check Type of Respirator(s) To Be Used (Check ✓ ALL that apply)	Extent of Useage Check ✓A	
Air-purifying (non-powered)	On a daily basis Tota	than twice a week Total Hours
Atmosphere supplying Respirator	Description of for Emergency s	situations only Total Hours
Combination air-line and SCBA	Energy of to Energency's	ired (Check ✓ ALL that apply)
Continous-Flow Respirator		
Supplied-Air Respirator	Light Light Moderate	☐ Heavy
Open Circuit SCBA Closed Circuit SCBA The point Mask 1/2 Face with Canisters I Full Face with Canisters	Exposure to Hazardous Materi	als (Check VALL that apply)
Dust Mean	Arsenic	☐ Benzene
Make: Model: Cartridge:	Coke Oven	Cotton Seed / Dust
Special Work Conditions	☐ Cadmium	Formaldehyde
(Check ✓ ALL That Apply When Wearing Respirator)	Methylene Chloride	Lead
☐ High Places ☐ Enclosed Places ☐ Protective Clothing	Textiles	☐ Chromium
Temperature Extremes Mostly Cold Mostly Hot	Other(s):	
Othor		
Questionare will be: HAND CARRIED MAILED OTHER	EVALUATION AUTHORIZATION	Signature of Employer Representative
DO NOT WRITE	BELOW THIS LINE	DO NOT WRITE BELOW THIS LINE
DO NOT WHITE BEEGN THIS BILL		
PLHCP 1 WRITTEN STATEMENT for RESP	IRATORS (EMPLOYER)	
ENTER AND LOCATION OF THE FOLLOWING		
the partial partial designation in the designated employed and the designated employed employ	yer contact only. The Americans with Disab	pilities Act
A disease and manager may be informed about Accessary (estrictions of the work of dutie	3 Of all Clipio) of all a little in	adations.
First aid and safety personnel may be informed, when appropriate, if the disability might requi	re emergency treatment.	
Check ALL that apply	<u>() </u>	
Employee must schedule a medical examination with Concentra Medical Center	rs (NY) prior to respirator appr	oval and usage.
Deligant No Restrictions on Respirator Use		
Class II - Some Specific Use Restrictions	e or Escape Only Li Other:	
Class III - Respirator Use is NOT PERMITYED		
Further Testing / Evaluation is Required. 2		
Fit Test Performed Satisfactorily		
Fit Test NOT Performed at Concent	tra Medical Centers (N)	
Special prescription eyewear needed to accommodate respirator Special prescription eyewear needed to accommodate respirator	prescription eyewear needed to accommod	ate respirator
Facial hair needs to be shaved to assure tight seal on certain face masks.		
		. /813/3
Physician or other Licensed Healthcare Professional Employee must seek further medical evaluation by a private physician who must submit a rep	ort to Concentra Medical Cen	ters (NY)
of his/her findings_to		
(Check_war ALL that apply)		
-interestinate with 29 CFR 1	1910.134. This limited evaluation is specific	to respirator
The above individual HAS been examined for respirator limes according to the use only. Employees should be instructed to report any difficulties in using respirators or characteristics.	inge of any physical status to their supervis	or or physician.
This evaluation included the Respiratory Questionnaire outlined in 29 CFR 1910.134.		
This evaluation included the Respiratory Questionnaire outlined in 29 CFR 1910, 134. The above individual HAS NOT been examined by me for respirator these. The employee'	s medical evaluation consisted of a review	of OSHA's Medical Evaluation
The above individual HAS NOT been examined by me for respirator lithess. The employee Questionnaire in Appendix C Part A Section 2. In accordance with 29 CFR 1910.134, this line is the control of the c	nited evaluation is specific to respirator use	only, Employees would be instructed
Questionnaire in Appendix C Part A Section 2. In accordance with 29 CFR 1910, 134, this in to report any difficulties in using respirators or change of any physical status to their supervi-	sor or physician. This evaluation included to	ta Respiratory doesnormans
outlined in 29 CFR 1910.134.	of the results of this evaluation and of an'	v medical conditions resulting from
outlined in 29 CFR 1910.134. In accordance with specific OSHA requirements, I have informed the above named individual exposures that may require further explanation or treatment. Where applicable, the above nexposures that may require further explanation or treatment.	amed individual has been informed of the if	oreased risk of lung cancer
exposures that may require further explanation or treatment, where applicative, the above in	posure(s).	
exposures that may require turns explained and asbestos, lead and/or other chemical explaints the state of th		
	Physician's Name	(Printed)
Physician's aignature Douglas Mincss, R.P.A C.	, ity oromit v italia	
N Y 137 1 3 3 3 3	Date of Exam	Expires On
Physician's License Number (Optional in Most States)	Date of Exam	
r_pihop_stmt_resp_employer Page 1 of 1	to with a copy to the employee	Print Date: 05/07/2009 Revision Date: 05/29/1999

OR FIT - TEST RECORD	TRONNES	umber: 5897	n Conducting Fit-Test: ン・レレン	FULL FACE	Model: 5'40d		Qualitative Type of Agent Used: <u>Irritant Smoke</u>	Yes: \times \text{No:}	Obtained: Yes: No:	ig Fit Test:	
RESPIRATO	Employee's Name: TED T	Employee's Social Security Number	Fit Test Date: 4-16-0% Person Conducting Fit-Test:	Respirator Selected for Test:	Manufacture: North	Respirator Size: Large	Type of Fit - Test Conducted: Quali	Was Rainbow Passage Used: Yes:	Was Face Piece to Face Seal Obtained:	Signature of Person Performing Fit	

Concentra Medical Centers (NY) 687 Loe Rd Suite 208 Rochester, NY 14606 Phone: (585) 458-7910 Fax: (586) 458-7507

Medical Surveillance - Asbestos

Patient:	Tronnes, Theodore A.	Job Title:	
SSN:	XXX-XX-5897	Employer:	Envoy Environmental Services
DOB:	06/21/1979	Address:	57 Ambrose St
Gender:	M		
Marital Status:	S		Rochester, NY 146081215
Address.	320 English Rd		Shawn House
Addioso.	OLO LIIGIOTI I V		Primary Contact
	ROCHESTER, NY 14616		(585) 454-1060 Ext.:
Home Phone:	(585) 202-5733	Fax:	(585) 454-1062
Work Phone:	Ext.:	Race:	ASIAN BLACK HISPANIC INDIAN WHITE OTHER
		(1000)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
The following w		dical questionnaire	29 CFR 1926.110140 CFR 763.121. and work history with special emphasis directed to the ndix D in 1926.1101.
			they relate to the employee's exposure, the employee's
represent	ative or anticipated exposure level, a	nd personal protect	on equipment to be utilized by the employee.
Review of	f information from previous medical e	xaminations if availa	able,
A physica	ıl examination with emphasis upon th	e pulmonary, cardic	vascular, and gastrointestinal systems.
A pulmon with NIOS	ary function test of forced vital capac 6H and ATS standards.	ity (FVC) and forced	d expiratory volume at one second (FEV 1) in accordance
A chest ro	pentgenogram, posterior-anterior, 149 5,1101. (M)(2)(ii)(C).	x17 inches (or curre	nt film on file) with interpretation in accordance with 29
NOTE: A		t)(ii)(C), it is up to th	e discretion of the physician whether or not a chest X-ray
from asb	loyee was informed by the physician estos exposure including the increase exposure.	of the results of the ed risk of lung cance	exam and of any medical conditions that may result or attributable to the combined effect of smoking and
employee at an in	noted below, this evaluation indicates creased risk of material health impair employee concerning the use of pers	ment from exposure	etected medical conditions that would place the asbestos, and there are no recommended pment or respirator.
Comments or limit	tations (if any):	- According to the second seco	
		· · · · · · · · · · · · · · · · · · ·	
	-71/2	2	5/7/05
	Demila	Signaturé	Date
	1/104/04		

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 14508

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 aspestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving aspestos or aspestos 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 projectin New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Maureen A. Cox, Director
FOR THE COMMISSIONER OF LABOR

SH 432 (4-07)



National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Paradigm Environmental Services, Inc.

179 Lake Avenue Rochester, NY 14608 Mr. Bruce Hoogesteger

Phone: 585-647-2530 Fax: 585-647-3311 E-Mail: bhoogesteger@paradigmenv.com URL: http://www.paradigmenv.com

BULK ASBESTOS FIBER ANALYSIS (PLM)

NVLAP LAB CODE 200530-0

NVLAP Code

Designation / Description

18/A01

EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation

Samples

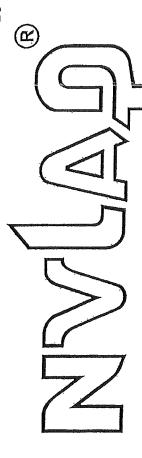
2009-07-01 through 2010-06-30

Effective dates

For the National Institute of Standards and Technology

NVLAP-01S (REV. 2005-05-19)

Page 1 of 1



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

2009-07-01 through 2010-06-30

Effective dates



For the National Institute of Standards and Technology

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

NEW YORK STATE DEPARTMENT OF HEALTH WADSWORTH CENTER

RICHARD F. DAINES, M.D.



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

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MR. BRUCE HOOGESTEGER PARADIGM ENVIRONMENTAL SERVICES INC 179 LAKE AVENUE ROCHESTER, NY 14608 NY Lab Id No: 10958 EPA Lab Code: NY01287

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

Miscellaneous

Asbestos in Friable Material

EPA 600/M4/82/020

Item 198.1 of Manual

Asbestos in Non-Friable Material-PLM

Item 198.6 of Manual (NOB by PLM)

Asbestos in Non-Friable Material-TEM

ITEM 198.4 OF MANUAL

Lead in Dust Wipes

EPA 6010B

Lead in Paint

EPA 6010B

Sample Preparation Methods

EPA 3050B

Serial No.: 40520

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 SAFET CAND HEALTH LICENSE AND CERTIFICATE UNIT STATE CAMPUS BUILDING 12 ALBANY, NY 12240

ASBESTOS HANDLING LICENSE

Envoy Environmental Consultants, Inc. 57 Ambrose Street Rochester, NY 14508

FILE NUMBER: 02.0527 LICENSE NUMBER: 28454 LICENSE CLASS: RESTRICTED DATE OF ISSUE: 06/19/2009 EXPIRATION DATE: 06/30/2010

Tronzation.

Duly Authorized Representative Geoffrey W 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 36). It is subject to suspension or revocation for a (1) serious violation of state, federal of coal laws with regard to the conduct of an aspestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving aspectos or aspectos material.

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

Maureen A. Cox, Director
FOR THE COMMISSIONER OF LABOR

SH 432 (4-07)

NEW YORK STATE DEPARTMENT OF HEALTH WADSWORTH CENTER

RICHARD F. DAINES, M.D.



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

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MR. BRUCE HOOGESTEGER PARADIGM ENVIRONMENTAL SERVICES INC 179 LAKE AVENUE ROCHESTER, NY 14608 NY Lab Id No: 10958 EPA Lab Code: NY01287

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

Miscellaneous Air

Asbestos

NIOSH 7402

YAMATE, AGARWAL GIBB

Fibers

NIOSH 7400 A RULES

Serial No.: 40521

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

NEW YORK STATE DEPARTMENT OF HEALTH WADSWORTH CENTER

RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2010 Issued April 01, 2009

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MR. BRUCE HOOGESTEGER PARADIGM ENVIRONMENTAL SERVICES INC 179 LAKE AVENUE ROCHESTER, NY 14608 NY Lab Id No: 10958 EPA Lab Code: NY01287

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

Metals I	•	Nitroaromatics and Isophorone	•
Iron, Total	EPA 6010B	2,4-Dinitrotoluene	EPA 8270C
Lead, Total	-EPA 6010B	2,6-Dinitrotoluene	EPA 8270€
Magnesium, Total	EPA 6010B	Isophorone	EPA 8270C
Manganese, Total	EPA 6010B	Nitrobenzene	EPA 8270C
Nickel, Total	EPA 6010B	Pyridine	EPA 8270C
Potassium, Total	EPA 6010B	Nitrosoamines	
Silver, Total	EPA 6010B	N-Nitrosodimethylamine	EPA 8270C
Sodium, Total	EPA 6010B	N-Nitrosodi-n-propylamine	EPA 8270C
Metals II	•	N-Nitrosodiphenylamine	EPA 8270C
Aluminum, Total	EPA 6010B	Petroleum Hydrocarbons	
Antimony, Total Arsenic, Total	EPA 6010B EPA 6010B	Diesel Range Organics Gasoline Range Organics	EPA 8015 B EPA 8015 B
Beryllium, Total Mercury, Total	EPA 6010B EPA 7471A	Phthalate Esters	
Selenium, Total	EPA 6010B	Benzyl butyl phthalate	EPA 8270C
Vanadium, Total	EPA 6010B	Bis(2-ethylhexyl) phthalate	EPA 8270C
Zinc, Total	EPA 6010B	Diethyl phthalate	EPA 8270C
Metals III Cobalt, Total	EPA 6010B EPA 6010B	Dimethyl phthalate Di-n-butyl phthalate Di-n-octyl phthalate	EPA 8270C EPA 8270C EPA 8270C
Thallium, Total	217700705	Polychlorinated Biphenyls	
Miscellaneous Asbestos in Friable Material Asbestos in Non-Friable Material-PLM Asbestos in Non-Friable Material-TEM Hydrogen Ion (pH)	EPA 600/M4/82/020 Item 198.6 of Manual (NOB by F ITEM 198.4 OF MANUAL EPA 9045C	PCB-1016 PCB-1221 PCB-1232 PCB-1242 PCB-1248 PCB-1254	EPA 8082 EPA 8082 EPA 8082 EPA 8082 EPA 8082 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



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Paradigm Environmental Services, Inc.

179 Lake Avenue Rochester, NY 14608 Mr. Bruce Hoogesteger

Phone: 585-647-2530 Fax: 585-647-3311 E-Mail: bhoogesteger@paradigmenv.com URL: http://www.paradigmenv.com

AIRBORNE ASBESTOS FIBER ANALYSIS (TEM)

NVLAP LAB CODE 200530-0

NVLAP Code

Designation / Description

18/A02

U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as

found in 40 CFR, Part 763, Subpart E, Appendix A.

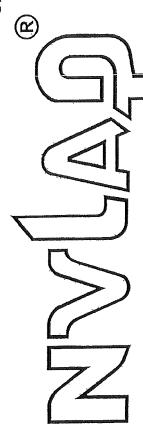
2009-07-01 through 2010-06-30

Effective dates

For the National Institute of Standards and Technology

NVLAP-01S (REV. 2005-05-19)

United States Department of Commerce National Institute of Standards and Technology



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, isted on the Scope of Accreditation, for:

AIRBORNE ASBESTOS FIBER ANALYSIS

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

2009-07-01 through 2010-06-30

Effective dates



For the National Institute of Standards and Technology

