Empire State Development Corporation

at

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

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

November 3, 2009 - February 25, 2010



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

Notifications & Quantities Cover Summary





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

March 25, 2010

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

Re: Midtown Plaza Asbestos Abatement

Dear Mr. Smith:

This cover letter serves as a formal introduction to the Project and Air Monitoring records for the Midtown Tower, 15th Floor work area at the above referenced project site. All detailed records are attached, grouped and tabulated by major record type. These include: *survey and confirmed removal quantities, applicable variances, daily air logs, daily air sampling reports, miscellaneous bulk sample reports, daily project monitoring logs, maps of sampling locations, and field and lab certifications.* Abatement contractor certifications and signed off work plans are incorporated by reference only. These documents are found in the *containment logs, maintained by LIRO Engineers,* for the dates referenced below.

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

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

15th Floor

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

0 Each

Fire Doors and Window Materials are still in place.

98 Each

Windows with ACM Caulk

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

Sincerely,

Bruce Hoogesteger

Paradigm Environmental Services, Inc.



Asbestos Project Notification

Project Reference Number: 25738034

Type: Initial Notification

Status: Notification Received

Notification Received: 8/24/2009

Payment Status: PAID

Number of amendments: 0

Notification Entered By: Cambria Contracting,

Inc

Contractor Information

FEIN:161542768

Cambria Contracting, Inc.

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 # Phase Start Date Phase End Date Phase Location Phase Scope

Sub-Contractor Details

Name: Asbestos License Number:

Night/Weekend/Shift Work Details

Party for Whom Work is being Performed

First Name:

Last Name:

Organization:

Upstate Empire State Development Corporation

Address Line 1:

400 Andrews Street

Apt./Suite: Address Line 2:

City Town or Village:

Rochester

Province:

State:

NY

Zip Code:

14604

Country:

United States

Contract Dollar Amount:

\$34,000,000.00

Variance Information

Procedures and Type of Equipment and Ventilation Systems Used

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

Air Monitoring Firm

Name:

Asbestos License Number:

Envoy Environmental Consultants, Inc.

28454

Laboratory Performing Analysis

Name:

ELAP Registration Number:

Paradigm Environmental Services, Inc.

10958

Type of Asbestos Work

Pipe Related:

Yes

Siding:

No Yes

Clean up: Caulking/mastic: No Yes Vessel covering: Spray-on insulation:

Yes

Roofing/flashing:

Yes

VAT:

Yes

Demolition:

No

Demolition Ref#:

Other-specify:

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

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

NOTIFICATION OF DEMO	LITION AND RENOVATION (continued)	
X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVA	TION WORK, AND METHOD(S) TO BE USI	ED:
Demolishing with excavator, wet methods, no visible emiss	sions	
	TO DE LICED TO DESI/EN	T EMISSIONS OF
XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING ASBESTOS AT THE DEMOLITION AND RENOVATION S	NG CONTROLS TO BE OSED TO EVENTIVE	I LIVIIOGIONO OI
ASBESTOS AT THE DEMOLITION AND RENOVATION S	11	
XII. WASTE TRANSPORTER #1		
Name:		
Reccelli Trucking, Inc		
Address: P.O. Box 6401		<u> </u>
City:	State:	ZIP: 13217
Syracuse	New York Telephone:	13217
Contact Person: Lucille Nicholson	(315) 433-5115	
WASTE TRANSPORTER #2		
Name Cambria Contracting, Inc		
Address:		
5105 Lockport Rd	State:	ZIP:
City: Lockport	New York	14094
Contact Person:	Telephone:	•
William Eichhorn	(716) 625-6690	
XIII. WASTE DISPOSAL SITE		
Name:		•
High Acres Landfill		
Address: 425 Perinton Parkway		
City:	State:	ZIP: 14450
Fairport	NY	14450
Telephone: (585) 223-6132		
XIV. IF DEMOLITION IS ORDERED BY A GOVERNMENT AG	ENCY, PLEASE IDENTIFY THE AGENCY I	BELOW
Name:	Title:	
Name.		
Authority:		
Date if Order (MM/DD/YY):	Date Ordered to Begin (M	M/DD/YY):
XV. FOR EMERGENCY RENOVATIONS		
Date and Hour of Emergency (MM/DD/YY):		
Description of the Sudden, Unexpected Event:		
Explanation of How the Event caused Unsafe Conditions or Ser	rious Disruption of Industrial Operation:	
·		
XVI. DESCRIPTION OF PROCEDURE TO BE FOLLOWED IN	THE EVENT THAT HAVEVOCATED ASSESS	TOS IS FOLIND OR
PREVIOUSLY NON-FRIABLE ASBESTOS BECOMES CRUI	MBLED. PULVERIZED, OR REDUCED TO	POWDER:
Stop work, abatement following ICR 56 and OSHA	,	
XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PRO	OVISIONS OF THE REGULATION (40CFR	PART 61
SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AV	N OR RENOVATION AND EVIDENCE THAT	ORMAL BUSINESS HOURS.
(Required 1 year after promulgation).		
		·
Signature of Owner/Operator	Date	
XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS COR		
Signature of Owner/Operator	Date	

NOTICE DATE:

8/24/2009

NOTICE OF ASBESTOS ABATEMENT

PROJECT LOCATION:

Midtown Plaza Complex

140 Clinton Square Rochester, New York

MIDTOWN TOWER FLOORS 3 - 18

CONTRACTOR:

CAMBRIA CONTRACTING, INC.

5105 LOCKPORT ROAD LOCKPORT, NY 14094

AH# 99-0468

MATERIAL:

514,100 sf

Spray-on /troweled Fireproofing

216,300

Ceiling systems

1,415 fittings Fiberglass pipe insulation

2,100 sf

Pipe Insulation

197,900 sf

Floor Tile/mastic

8,400 sf

Mirror Mastic

170 sf

Chiller Insulation

11,550 sf

Waterproof Membranes

1400 sf

Acoustical Plaster

135 sf

Caulk

Roofing

5,200 sf

11,000lf

Roof Flashing

5,960 sf

Aluminum Panels with Caulk

77 Doors

Fire Doors

15 ea

Elevator Components

1,417

Windows

PROJECT MONITOR:

ENVOY ENVIRONMENTAL CONSULTANTS

57 Ambrose Street

Rochester, NY Asb.Lic.# 28454

Lab: Paradigm Environmental Services

ELAP No. NY10958

STATING DATE:

9/4/2009

PROJECTED FINISH:

9/4/2010

Waste Transporter

Name: Riccelli Trucking, Inc

NYS DEC or EPA Permit Number: 7A-434

Phone Number: (315) 433-5115

Apt./Suite:

Address Line 1: P.O. Box 6401

Address Line 2:

City Town or Village: Syracuse

Province: State: NY Zip Code: 13217

Country: United States

Landfill

Name: High Acres Landfill

Phone Number: (585) 223-6132

Apt./Suite:

Address Line 1: 425 Perinton Parkway

Address Line 2:

City Town or Village: Fairport

Province:

State: NY Zip Code: 14450

Country: United States

Type and Amount of Asbestos Containing Material

Friable linear feet:

12415

Friable square feet:

517770

Non-friable linear feet:

Non-friable square feet:

447062

Fee

Total linear feet: 12415.0

Total square feet: 964832.0

Total Fee: 4000.0

Project Fee Schedule

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

Linear Feet:
0 - 259 feet:
260 - 429 feet:

Fee \$0

Square Feet: 0 - 159 feet:

Fee \$0

\$200 \$400

160 - 259 feet: 260 - 499 feet: \$200 \$400

430 - 824 feet: 825 - 1649 feet: 1650 or more feet:

\$1000 \$2000 500 - 999 feet:

1000 or more feet:

\$1000 \$2000

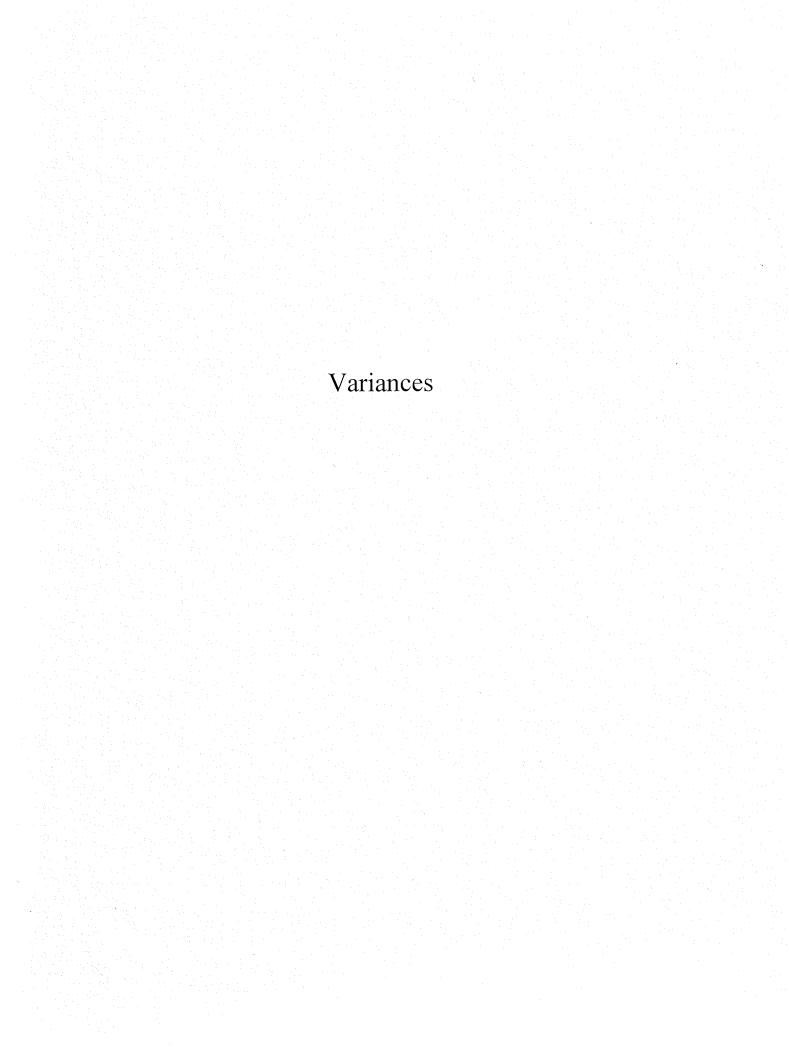
Remarks

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



Report of Asbestos Survey Services

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





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

DATE:

•	Office:
•	Location:
	Floor: Room:
	Phone No: Fax No: Fax No:
	CHRIS ARONGE
ROM;	Name:
	Office: Engineering Services
1	Location: Bidg 12 Room 159, State Campus, Albany, NY 12240
	Phone No: 518-457-1536
	Fax No: 518-457-1301
OMMENTS: _	MACIANCE DECISION AS DISCUCSED
•	
	HARDLON SHALL FOLLOW MA USMAIL
	

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.

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

Βv

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

Alonge, Christopher G (LABOR)

From:

Robert Barr [rob@56services.com]

518-457-1301

Sent:

Friday, September 04, 2009 1:43 PM

To:

Alonge, Christopher G (LABOR)

Cc:

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

Subject:

Midtown Tower Mall Variance clarifications V7

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

Mr. Alonge,

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

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

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

Thank you,

Rob

Robert Barr

716.341.8601



PO Box 561 Buffalo, NY 14213 fax 716.408.9567



'09 796

04 September 2009

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

RE: Midtown Plaza – Mall and Tower Variance Application Clarification

Dear Mr. Alonge,

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

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

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

Sincerely,

Robert Barr

NYS Project Designer #93-19183



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

PLM & TEM BULK ASBESTOS REPORT

Client

LiRo Engineers, Inc.

Location:

Midtown Plaza

Rochester, New York

Sample Date:

9/3/2009

Job No: 10690-09

Page: 1 of 2

TO THE PARTY OF TH		1808	,,	PLM Asbestos	PLM	Ņ	TEM Asbestos	TEM	PLM	PLM
Client ID	Lab ID		Description	Fibers Type & Percentage	Total Asbestos	B	Fibers Type & Percentage	Total Asbestos	Non-Asbestos Fibers Type & Percentage	Matri: Materi: %
MM-01	75993	2nd Level - West	Black Wire Covering	Inconclusive No Asbestos Detected	0%	٧	None Detected	<1.0%	None Detected	100%
MM-02	75594	2nd Level - East	Blue Wire Covering	Inconclusive No Asbestos Detected	0%	٧	None Detected	<1.0%	None Detected	100%
MM-03	75595	1st Level - West	Red Wire Covering	Inconclusive No Asbestos Detected	6%	٧	<1.0% Residue Remaining TEM not Required	N/A	None Detected	100%
MM-04	75596	1st Level - East	White Wire Covering	Inconclusive No Asbestos Detected	0%	٧	None Detected	<1,0%	None Detected	100%
MM-05	75597	1st Level - East	Black Wire Covering	Inconclusive No Asbestos Detected	0%	٧	None Detected	<1.0%	None Detected	100%
MM-06	75598	1st Level - West (Rainbow Plus)	Joint Compound	None Detected	0%		Not Required	N/A	Cellulose <1.0%	100%
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rod A				·						

Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1 ,198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples."). √ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

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

PLM Date Analyzed:

9/3/2009

TEM Date Analyzed: 9/4/2009

Microscope:

Olympus BH-2 #233173

TEM Analysts 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 Reme tested. This report must not be used to claim product endots ement by NYLAP 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

796

09/04/2009 16:37

60-06901

ENVIRONMENTAL & ENGINEERING SERVICES LiRo Engineers, Inc.

690 Delaware Avenue

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

Bulk Sampling Chain of Custody Form

Midtown Plaza, Rochester NY 401-16-80 Midtown Plaza DAGESTC KOSUS Samples Taken by: Building /Site: Job Location: Like Job #: Job Name:

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

Turn-Around-Time: Frankonne

ACM CODE	SAMPLE NUMBER	SAMPLE LOCATION	DESCRIPTION OF MATERIAL	NOTES	QUANTITY
,	10 . MM	200 level WEST	Black wirk coursens	75993	
	mm. 02	3" EVE - EAST	BluE WIRE CONZING	20.0	
ı,	mm . B	mm. 03 8 155 love 1 - WEST	RED WIRE CONSTRUM	9% X	
	mm . 04	155 puel - EAST	White was comme	966	
•	mm.os	mm. 05 15T. level - EAST	Black WARE COVERNY	666	
,	mm . 06	Min. Ob 15 level - WEST (Rambon plus) JOINT COMPONING	Joint Compover	866	
			٥		
			-		
					2

NYS LABOR-ENG. SVCES

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

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

Date / Time 9, 3,09	
Raceived By (Signature)	
Date / Time 9 /3 /0 9	
Kelinquished By (Stgnature)	



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

Job No: 10691-09

Page: 1 of 2

Client ID	Lab (D	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	Fibers Type &	TEM Total Asbestos	PLM Non-Asbestos Fibers Type &	PLM Matrix Materie
MT-01	75999	13th Floor		inconclusive No Asbestos Detected	0%	٧	None Detected	<1.0%	Percentage None Detected	100%
MT-02	76000	13th Floor	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 Wjre 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	Celiulose <1.0%	10095
- La Till - Long Fall Mileson	1171									**************************************
						*1			III / Electrical State S	•
1 L 847 A		LAIS .	****					,	The state of the s	

Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

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

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

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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 Stafdards 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 Jaboratory 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.

Received By (Signature)

Date / Time

3,09

-

!

09 796

LiRo Engineers, Inc. ENVIRONMENTAL & ENGINEERING SERVICES

10691-09

690 Delawars Avenus Buffalo, New York 14209 Tel. 716-882-5476 / Fax 716-882-9640

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

Bulk Sampling Chain of Custody Form

LiRo Job #:

Job Name:

Midtown Plaza

Midtown Plaza, Rochester NY

Samples Taken by:

DHEMC, FOROT

Building /Site:

Journ.

FAX Results to: 716-882-9640
attention: Jason Colvin
cenail results to: oclvin@fire.com

Turn-Around-Time:	
Immediaz	

					,	ACM CODE
mr . of	MT . OF	mt . 04 12# Floor	int . 03	mt or	mr . 0)	NUMBER
3º FT Nla of PAS. Elex.	9# Moon.	12th Floor	12th Floor	13 th Moore	13th Hoer	SAMPLE LOCATION
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460	003	800	001	6000	75999	NOTES
						QUANTITY



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
- · 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.

APLASTER 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.

NYS LABOR-ENG. SVCES

09 796

Attachments for Variance Petition MIDTOWN PLAZA Rochester, NY August 2009

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

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

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

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

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

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

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

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



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

DATE: 10/27/05

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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

Midtown Plaza - Mall and Tower Variance Application America from Systices Unit RE: 10 10 f 21

Dear Mr. Alonge,

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

In the approved variance (Number 09-796) approval is granted for the utilization of bead blasters and solvent cleaning for the removal of the floor mastic materials. We would like to add the utilization of ultra-high pressure water to the list of approved mastic removal technologies. For the utilization of this technology, the following activities will occur:

A remote enclosure system will be constructed to contain the vacuum recovery system and water treatment unit. This enclosure will be located at ground level and will have an attached personal and waste decontamination system. It is expected to construct this enclosure system with wood framing and X layers of flame retardant reinforced plastic sheeting in a tent like structure. The remote enclosure system will be placed under negative pressure registering -.02 on a magnahelic gauge.

The vac recovery system will be HEPA filtered at the blower exhaust.

The ultra high pressure floor tool head will be attached to the pump and the vac recovery system in the designated regulated abatement work area. The pump will be engaged to allow for 36,000psi of water pressure to be sent to the working head. The working head is a shrouded blast head that has the HEPA filtered vac recovery system attached. As the floor is blasted and cleaned, the vac recovery system will capture and convey (via enclosed negative pressure pipe) all the generated waste to the remote enclosure housing the vac recovery 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

Upon completion of the mastic removal activities, the interior of the vac recovery system will when with the wiped, HEPA vacuumed or pressure work. 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 RECOVERTY CONNECTION SHALL BE UTILIZED FOR REMOJALS AMMANUFACTVER REQUIREMENTS FOR OPERATION FMINTENANCE OF ALL SYSTEM COMPONENTS, SHALL BE FOLLOWED.

PO Box 561 - Buffalo, NY 14 213

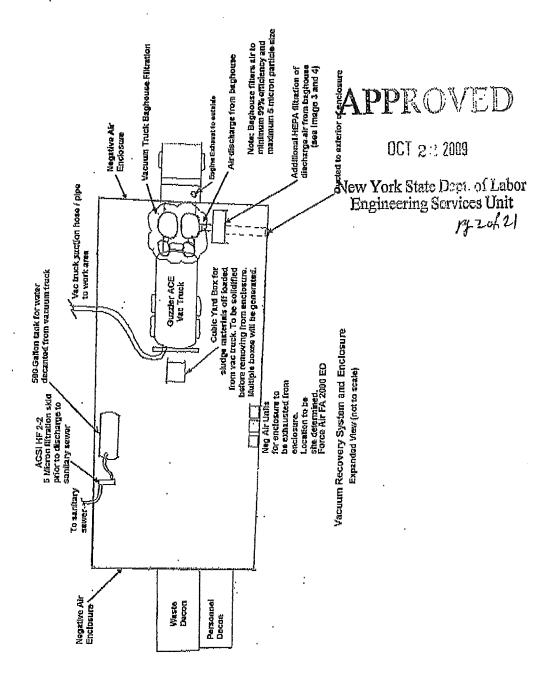
716.341.8601 (ph) 716.408,9567 (fax)

PLYWOOD SHEATHING

CLEANED ASPERTINES

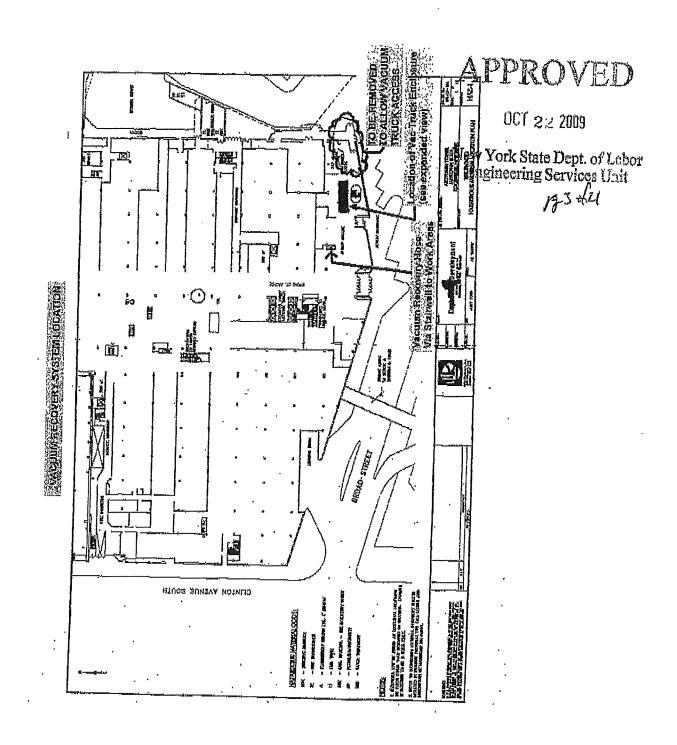
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Approved variance also listed clearance air sampling after gross removal of spray-on and again after removal of ACM flooring and mastic. Contractor will perform clearance air samples after completion of removal of all ACM and after final cleaning, 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)

Çc:

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

Subject: Response

APPROVED

OCT 22 2009

Mr. Alonge,

Additions to submitted letter and responses to your questions:

New York State Dapt. 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 MINIMON of 8' HIGH TEMPORARY CHAINCAIN CONSTRUCTION FENCING THIS FONCING SHALL BE INSTILLED PRIOR TO USE OF THIS SYSTEM

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

whiles

Rob

Robert Barr

716.341.8601



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

* ONE WORKER SHALL BEDESIGNATED FOR WASTENATER CONTROL AT CACH

REMOVAL LOCATION! SHALL VACUUM FUGITIVE WASTENATER IMMEDIATELY

UPON GENERATION!

10/16/2009

Alonge, Christopher G (LABOR)

From: Sent:

Robert Barr [rob@56services.com]

To:

Tuesday, October 20, 2009 3:49 PM 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 (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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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) Vicuum attachment for collection of water and debris.
- 15 inch (38.4 cm) deaning coverage.

.B 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

📓 159 Harmony Road, Mickleton, NJ 08056 🛍 14302 Highway 44 N., Gonzales, LA 70737 (856) 423-2211 FAX: (856) 423-0997

HE PEADER NUMBER RESSURE WAVER VERVERE IN THE CONTROL OF THE CONTR

- (281) 471-7761 FAX: (281) 471-8738
- (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.

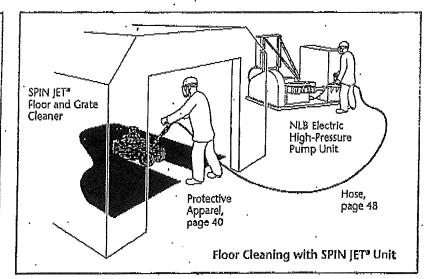
FEATURES/BENEFITS:

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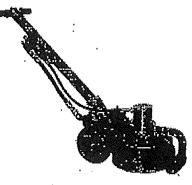
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New York State Dept. of Labor Engineering Services Unit Pt 7 421



36-9900-15A

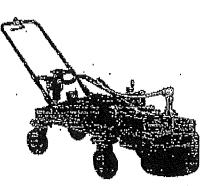
- Integral seal and air motor eliminates belt or chain drive.
- Lightweight aluminum construction.
- Balanced design for easy maneuverability.
- Adjustable handle for operator comfort.



Sasi Part No.	Discharge Pressure (Max.)	Max. Flow	Rotation Speed	Alr	Weight	Width	Nozzies
DR\$12481		11 gpm (42 lpm)	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.



Saal Part No.	Discharge Prossure (Max.)	Max. Flow	Rotation Speed	Alr .	Weight	Width	Nozzles
	40,000 psi	(42 lpm)		90 psi @ 100 cfm (6.2 bar @ 47.2 l/s)	,	25° (58 cm)	Up to 16



50

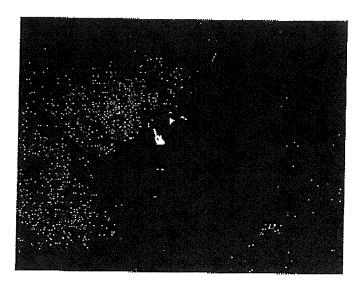


Image 1 - Equipment Detail - Floor Tool Head

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pg 80221

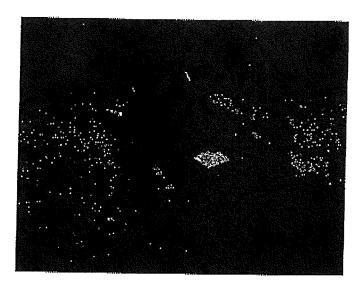


Image 2 - Equipment Defail - Floor Tool Head

Robert Barr - NYS Project Designer #93-19183

Page 4

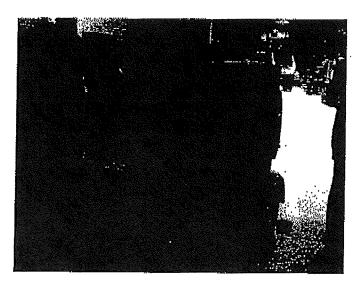


Image 3 - Equipment Detail - HEPA Filter Enclosure for Blower Exhaust

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New York Onto Onto of Lebor Englishing Services Unit Physical Physics 1



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

Robert Barr - NYS Project Designer #93-19183

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HFS PORTABLE SHOWER

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TWO STAGE FILTRATION SYSTEM



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Specifications

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 - 090 Aluminum
 - Pryner, 24" x 24" · 2 48, 048 Secondary: 24" x 24" 3 ply rata

 - HEPA Pitter: 24v x 24 x 31 1/4" 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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New York Other Sopt of Labor Elightsching Burvices Unit

Pg 110/21

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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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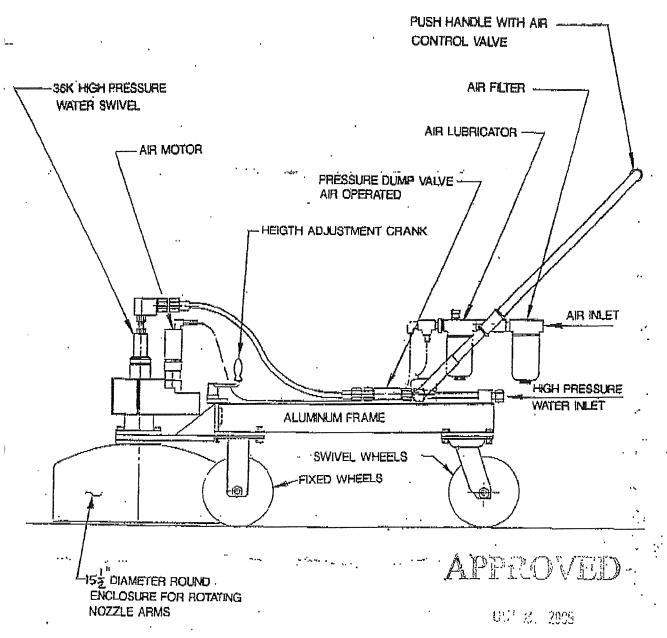
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New York State Death of Leber Englished by Services Unit mg 13 of 21

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

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1-3

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

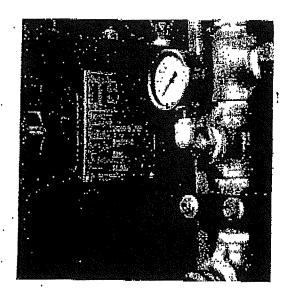
MODEL AND SERIAL NUMBER

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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Meyr 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.
 - 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.
- 1. 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:

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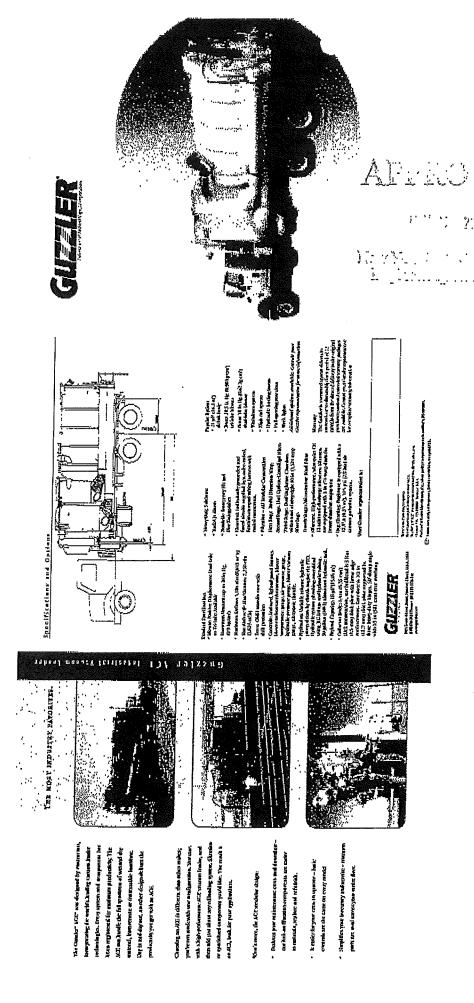
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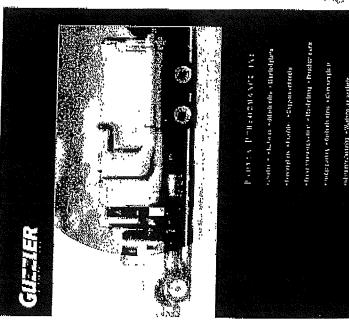
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New York State Dept. of Leb Engineering Services Unit #21#21





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

DATE: 10/27/05

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FROM:	Office: Engineering Services		,	· · ·
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FROM:	Office: Engineering Services		12240	
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	Office: Engineering Services Location: Bldg: 12 Room: 159; State Phone No: 518-457-1536		12240	
	Office: Engineering Services Location: Bldg: 12 Room: 159; State Phone No: 518-457-1536		12240	
FROM:	Office: Engineering Services Location: Bldg: 12 Room: 159; State Phone No: 518-457-1536		12240	

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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

Midtown Plaza - Mall and Tower Variance Application Amenantes Time Some ices Unit RE:

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 ayers 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

Upon completion of the mastic removal activities, the interior of the vac recovery system will wiped, HEPA vacuumed or pressure well 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.

* ONLY UNITS EQUIPTED BYMINUFACTUER LITH VACUUM RECOVERTY CONNECTION SHALL BE UTILIZED FOR REMOVALS AMMINUFACTUER REQUIREMENTS FOR OPERATION FMINTENANCE OF ALL SYSTEM COMPONENTS, SHALL BE FOLLOWED.

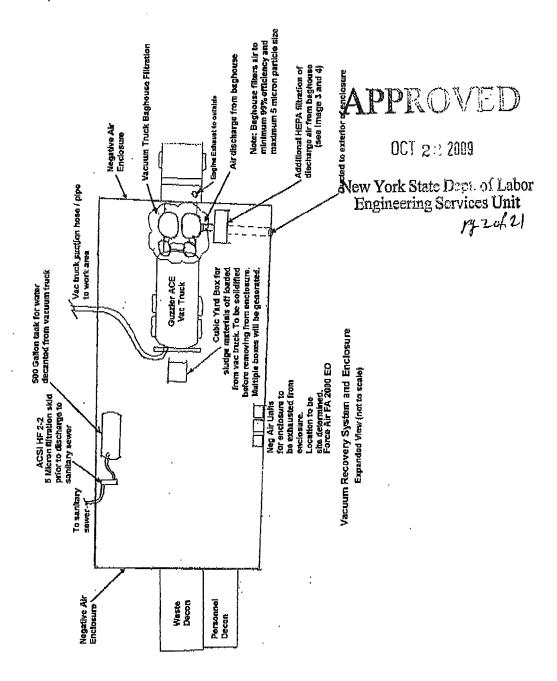
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PO Box 561 - Buffalo, NY 14 213

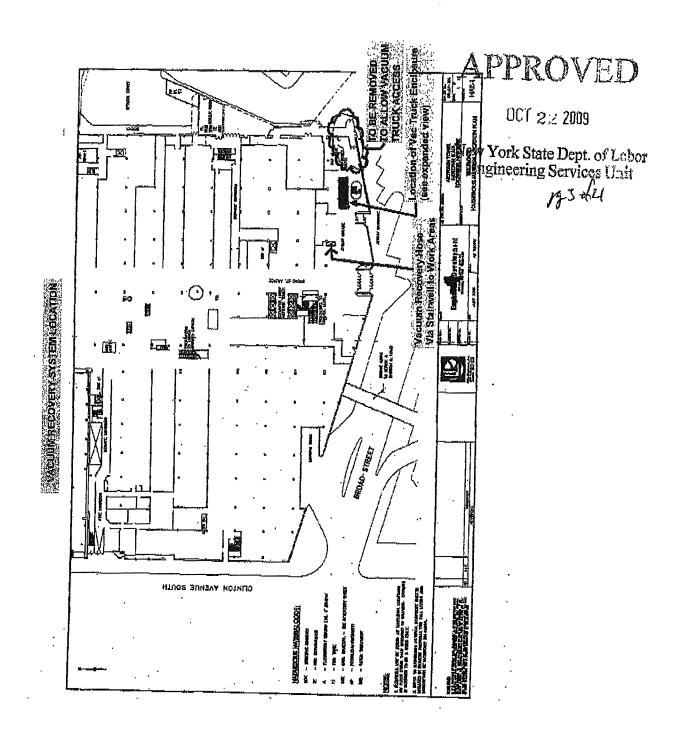
716.341.8601 (ph) 716.408.9567 (fax)

PLYWOUD SHEATHING

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): 4

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 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.

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 MINIMONY of 名 HIGH TEMPORIAN CHAIN-UNK CONSTRUCTION FENCING THIS FENCING SHALL BE INSTRUCTION (SEE ex. THIS SYSTEM

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

10/24/09

Rob

Robert Barr 716.341.8601



PO Box 561 8uffalo, NY 14213 fax 716.408.9567

* ONE VOLUER SHALL BE DESIGNATED FOR WASTEVATER CONTROL AT EACH

REMOJAL LOCATION & SHALL VACUUM PUBLITIVE WASTEVATER IMMEDIATELY

UPON GENERATION.

10/22/00

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 (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 1.1 gpm (42 lpm); 40,000 psi (2,800 bar).
- Barjet[®] nozzle system with angular adjustment.
- 4" (10.25 cm) Vacuum attachment for collection of water and debris.
- 15 inch (38.4 cm) cleaning coverage.

NLB Corp.

The Leader in High-Pressure Water Jet Technology

Headquarters 29830 Beck Road Wixom, MI 48393-2824 (248) 624-5555

FAX: (248) 624-0908 http://www.nlbcorp.com

Regional Offices

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

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- 🛍 11506 Spencer Hwy, La Porte, TX 77571 🛍 1323 E. Hill S., Signal Hill, CA 90755 (281) 471-7761 FAX: (281) 471-8738
- III 159 Harmony Road, Mickleton, NJ 08056 II 14302 Highway 44 N., Gonzalea, 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:

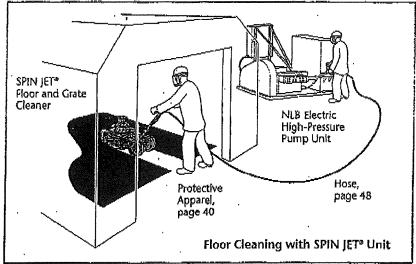
- Vacuum recovery available.
- Uses NLB's Barjet^{**} uitra-high pressure spray bar.
- Fast-acting NLB dump valve (V36-550A), constructed of stainless steel, reduces water pressure to near-zero when in dump position.
- Hard rubber wheels for easy movement over a number of surfaces.
- Air-powered for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

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New York State Dept. of Labor Engineering Services Unit

P\$ 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.





Sasi Part No.	Discharge Pressure (Max.)	Max. Flow	Rotation Speed	Air	Weight	Wkith	Nozzies
DR\$12481	40,000 psi (2,800 bar)	-	2,000 rpm	65 psi @ 50 cfm (4.5 bar @ 23.6 l/s)	120 lbs. (54.5 kg)		Up to 15

36-8300-15A

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



Seal Part No.	Discharge Pressure (Max.)	Max. Flow	Rotation Speed	Alr .	Weight	Width	Nozzies
		11 gpm (42 lpm)			315 lbs. (143 kg)	23" (58 cm)	Up to 16



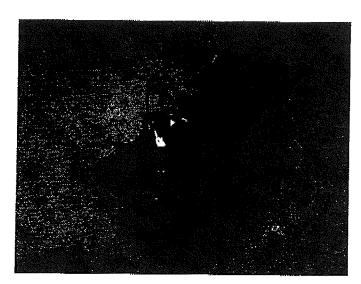


Image 1 - Equipment Detail - Floor Tool Head

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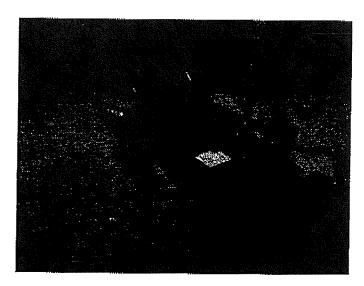


Image 2 - Equipment Detail - Floor Tool Head

Robert Barr - NYS Project Designer #93-19183

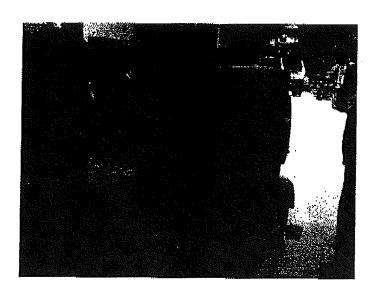


Image 3 - Equipment Detail - HEPA Filter Enclosure for Blower Exhaust

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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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HFS PORTABLE SHOWER

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FEATURES

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BENEFITS

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 - · Provides easy portability

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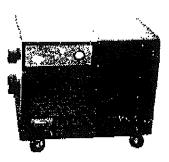
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HEPA Piker: 244 x 24 x 31 1/1

198 87%

FA200GEC



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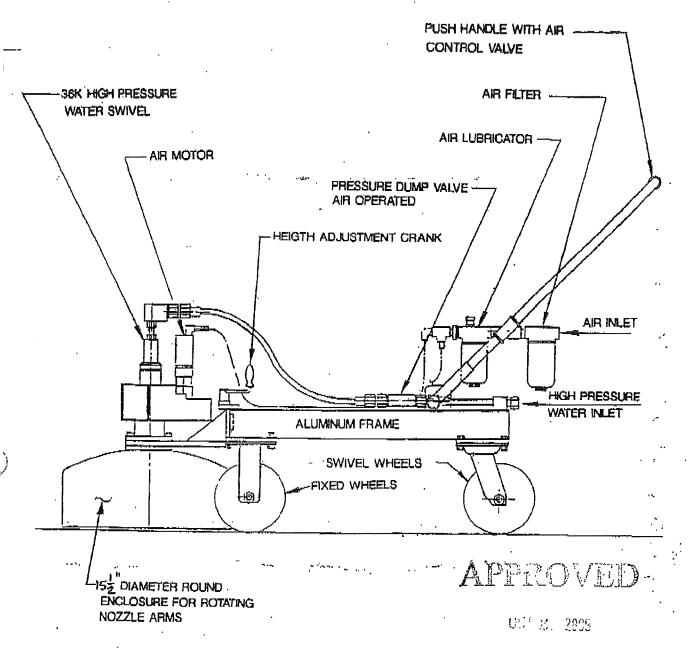
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GENERAL ARRANGEMENT MODEL 36-8300-15A SPIN JET PAINT STRIPE REMOVER

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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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1-4

1081-494-819 ZT:60 600Z/ZZ/0T

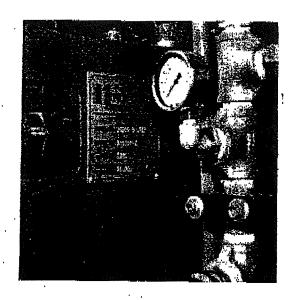
MODEL AND SERIAL NUMBER

THE MODEL AND SERIAL NUMBERS ARE THE IDENTIFICATION OF THE MAJOR COMPONENTS. NEB 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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New York State Dept. of Lebor Engineering Services Unit 14-15 of 21



MODEL AND SERIAL NUMBER ON PUMP

1-1

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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 WATER TANK AT ATMOSPHERIC PRESSURE. THIS ALLOWS MUCH OF THE DISSOLVED AIR TO FLASH OUT OF SOLUTION AND SEPARATE FROM THE WATER. (DISSOLVED AND ENTRAINED AIR CAUSE SERIOUS PROBLEMS WITH RECIPROCATING PUMPS.)
- B. A LOW-WATER-LEVEL SHUT-DOWN SWITCH TO STOP THE ENGINE IF THE WATER DROPS TO A LOW LEVEL.
- C. TANDEM INLET FILTER: A 10 MICRON FILTER IN SERIES WITH A SIX MICRON FILTER. (SOLIDS SHORTEN THE LIVES OF MANY SYSTEM COMPONENTS ESPECIALLY PUMP PACKING AND PLUNGERS.)
- D. A CENTRIFUGAL CHARGING PUMP WHICH:
 - 1. IS DRIVEN FROM THE INPUT SHAFT. (IT RUNS ONLY WHEN THE POWER PUMP RUNS.)
 - 2. PROVIDES A POSITIVE SUCTION PRESSURE TO THE POWER PUMP.
 - 3. MAKES PRIMING EASY. IT QUICKLY FILLS THE POWER PUMP AND DISCHARGE SYSTEM.
- E. A CLEAR, FLEXIBLE HOSE BETWEEN THE CENTRIFUGAL AND POWER PUMP WHICH
 - 1. ENABLES THE OPERATOR TO SEE THE WATER FLOWING INTO THE POWER PUMP.
 - 2. ABSORBS PULSES FROM THE POWER PUMP, SO THAT THE CENTRIFUGAL PUMP AND GAUGE ARE EXPOSED TO MINIMAL PULSATIONS.
- F. AN ACOUSTIC TYPE (NO MOVING PARTS) DISCHARGE PULSATION DAMPENER WHICH REDUCES THE POWER PUMP DISCHARGE PULSE. THIS REDUCES STRESSES ON BOTH THE PUMP AND DISCHARGE SYSTEM.
- G. A REMOTELY MOUNTED ACCESSORY MANIFOLD WHICH CONTAINS THE DISCHARGE GAUGE, RUPTURE DISC, AND CONNECTIONS FOR THE BY-PASS VALVE AND DISCHARGE HOSE. MOUNTING THIS MANIFOLD DOWNSTREAM OF THE PULSATION DAMPENER EXTENDS THE LIVES OF THE AUXILIARY EQUIPMENT.
- H. A LIQUID-FILLED DISCHARGE PRESSURE GAUGE.
- I. AN OIL-DAMPED BY-PASS VALVE.
- J. TWO RUPTURE DISCS: ONE AT THE PUMP AND ONE AT THE ACCESSORIES MANIFOLD.

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New York State Dant of Labor 1821

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:

7.16:1

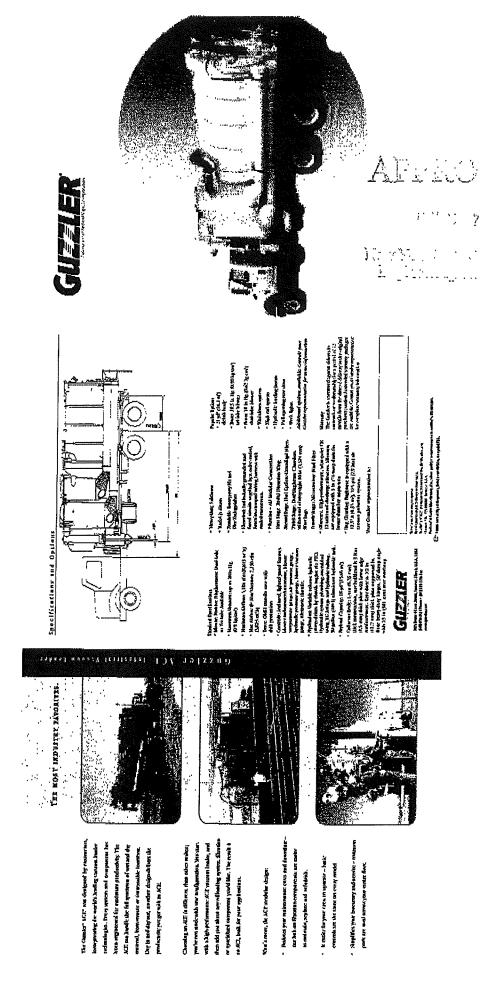
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New York Stan Dept. of Labor Engineering Services Unit #21421

Daily Logs & Air Data

	and the second of the second o	Air Samplir	ng Log Boo	K	The second secon
***************************************			ended January 11,		192010000000 100000000000000000000000000
Project Monitor: Air Technician:	T. TRONNE	5	Date: 08/	27/09 Jo	b Ticket #: 31259
Building / Location: //	ISTOWN TON	Work Area:	15 TH FL	eor S	Shift A B C
Project Description F. 5. D. C. Client / Owner (Print Name)		MARK Client / Owner Repress	SMITH		
Client / Owner (Print Name) CAMBRIA		Client / Owner Repress		Client	Contact (Print Name)
Abatement Contractor (Print Name)		Abatement Supervisor		NYSD	DL Asbestos Handling Certificate Number
Yes No D		Rotometer Number		Date o	1 Last Calibration
Phase	IB Phase IIA		se IIB	Phase IIC	Phase IIC
Project Phase Backgrou	Y		los Handling Samples	Final Cleaning Samples	
Class	Class II	Larg		Small	Minor 🔲
Job Type	WPM, MYSTER, S	_/ft) Drain at with		Π ⊘ I
T/FM, CPC, FIRE Daves,	WPM, MASTER, S	Sq/ft Ln/ft	Project with	multiple removals	
1st Check OSCO Time of air sampling pump check Notes	2nd Check / ठऊ	3rd Check /	<u>ეთ</u> 4th Ched	ck /300	5th Check
- ON S					
- WEAT	HER CONDETE	025-670.	- PARTLY	CLOUBY.	
- CAL. A	FUD SET U	P PUMPS	€ 0800.		
- Pump	CHECK @ 100				
- Pump	CHRCK @ 1200) .			
- Broke		@ 1300.			
- Broug	4T SAMPLES.		END of 5	HaIFT.	
2000					
	Access to the second se				
	~				. 1010
Air Technician Signature The Air Monitoring Log Book is a mu	ulti-page document which must be vie	ewed 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 #

Lab Job # 10444-09

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket#	1/2	0.0
31259	SNO	30

E. 5.	D. C.				08/	22/09	2	MARY	SMIT	2/			
Client						4	- Consider	Client Co			Contact	Phone	
MILTOUR TOWER 15TH FLOOR								T.TRI	NNES	20	2.57	33	
Building/Location Work Area							-		Air Technician Air Technician Phone				
Camp	RIA		M	ARK 1	SEI PANI	TE							
Contractor			1111	12 (1)	or Contac	t	-	Fax Resu	ılts To:		Fax #		
72			88	2315	0903	57		FT/FOM.	EPC GIR	E Dones		MASTIC, M	
Rotometer	r#		00	Cassette		-	-	Materials	to be Re	moved /	7	,	
Project		. 1.											
Phase	Phase I	B	Phase II	A	Phase I	IB 🗌	Phase	IIC	Phase I	IC	Env.		
	Backgorund		Work Area F		Asbestos Ha		Final Clean	ning	Clearance A	Airs			
Field Data	and Samp	ling Prov	rided By: E	nvoy Envii	ronmental	Consultar	its, Inc.			I	10	0 0	
Field Sample #	I-1	I-2	I-3	I-4	I.5	0.6	0-7	0-8	0-9	0-10	B-1	B-2	
Pre- Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3			
Post- Calibrated Flow Rate	3	3	3	3	3	3	3.0	3	3	3			
Average Flow Rate	3	3	3	3			マラデ	13	3-	3		Transfer to a	
Start Time Military Time	0801	0802	0803	0806	0807	OND	0800	0804	0805	0805			
End Time Military Time	1301	1302	1303	1306	1307	1300	1300	1304	1305	1305			
Duration (Minutes)	300	300	300	300	360	300	300	300	300	300			
Sample Volume (Liters)	900	900	900	900	900	900	750	900	900	900	1	1	
Laboratory	analysis F	Performed	d by: Parac	ligm Envir	onmental S	Services, i	Inc.				/ELAP I	ID # 10958	
Lab Sample #	74	462	463	404	465	4100	4107	408	409	470	471	472	
Fibers/100 Fields:	45	32	52	132	905	25	13	124	50	4.5	and the same of th	0	
Fibers/cc:	,024	,017	,028	1071	.049	,013	1.01	.067	,030	1.01	NA	NA	
Samples R	Relinguish	ed By:	4	7				Date:	08/2	7/09			
Received i	n Lab By:			M				Date:	9-3	1809		.+	
Analyzed E		,	(M		11-		Date:	8-0	6-09			
Microscop		lodel & i	#:	2	01113			Turn-aro	und Time	Immed.	24 Hr.	48 Hr.	
Comments	ME ME	mo c	9.1 =10	ne s p	C1 01.3	Aux	1-0-		C 0				

Air Sampling Log Book	
As per 12NYCRR amended January 11, 2006	
	211
Building / Location: Mastown Tour Work Area: 15 TH Floor S. E. Shift (A) B	С
E-S.D.C. MARK SMITTH	
Client / Owner (Print Name) Client / Owner Representative (Print Name) Client Contact (Print Name)	***************************************
Abatement Contractor (Print Name) Abatement Supervisor (Print Name) NYSDOL Aspestos Handling Certificat	le Number
Yes № No □ 5/ (v/o9	
Map Completed Rotometer Number Date 61 Last Calibration	
Phase IB Phase IIA Phase IIB Phase IIC Phase I	***************************************
Class I Class II Large Small Minor]
Sq/ft Ln/ft Project with multiple removals	
Type of Material	۸ ۵
1st Check 0720 2nd Check 0830 3rd Check 1030 4th Check 1400 5th Check 152 Time of air sampling pump check Notes	<u> </u>
-ON STAR.	
- WEATHER CONSTITUTES - 43°- LIGHT RATE.	
- CAL. AND SET UP PUMPS @ 0720	
- Rump CHECK @ 0830	
	
- There Could be a second	****
The transfer of the state of th	
- Broke down pumps @ 1520.	
- Brought Sarplas to lab	
	1.000
Air Technician Signature	
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ENVIRONMENTAL SERVICES, IN

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

Lab Job #3/430 9

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1/4					Chain	of Cu	istody			Job Ticke		
				Meets N	YCRR 56	amended	January	11, 2006		5	621	
Empire :	State D	evelor	ment C	orpora	tion /	0/23/	69	MA	RK S	MET	h	
Client						7-1		Client Contact Client Contact Phone				
MIST	MESTOWN LOWER 15th FLOOR S.E.									165	202	-573
Building/L	ocation		/	Work Are	ea	0.		Air Tech	nician	Air Te	chnician l	Phone
	BRIA		1	ARK	Del	PARTI	<u>E</u> .					
Contractor	r			Contract	or Contac	t		Fax Resi	ılts To:		Fax #	
Rotometer	. 44			Cassette	Lat#		-	Matorials	to be Rei	moved		
Rotometer	#			Casselle	LUI #			waterials	to be her	noved		
Project				V	1		1	, a		10 🗆	*	
Phase	Phase I		Phase II	-	Phase I		Phase .		Phase I		Env.	
Field Data	Backgorund and Samp		Work Area Prided By: Er		Asbestos Ha conmental (Final Clean nts, Inc.	ing	Clearance F	M/S		
Field	11	100	N-X	100	0.10	-	01	07				
Sample #	0-6	0-1	00	0-7	010		101	10-0				
Calibrated Flow Rate	2.5	3.0	2.5	2.5	2.5							
Post- Calibrated Flow Rate	2.5	3.0	2.5	2.5	2,5	7						
Average Flow Rate	2.5	3.0	225	2.5	2.3					7 7 - 4		
Start Time Military Time	0723	0721	0722	0721	0720							3
End Time Military Time	1523	1521	1522	1521	1520							- 1
Duration (Minutes)	480	480	480	480	480					.71		
Sample Volume (Liters)	Doo	1440	1200	1200	1200		1	1			,	
Laboratory	analysis F	erformed	d by: Parad	ligm Envir	onmental S	Services,	Inc/	/			ELAP I	D # 10958
Lab Sample #	9259	70	71	72	73		74	75				
Fibers/100 Fields:	12	10 del	10	- da	12		1	0				
Fibers/cc:	1,01	of.	1.01	3rh	1.01		NIA	NIA		15.		
Samples R	Relinguish	ed By:		1		•		Date:	11	/23	/19	
Received i	n Lab By:	M	WIR	This	1111	13		Date:	10/-	10/10	9	
Analyzed E	Зу:	111	1 HV	4114	U			Date:	10-	25-0	9	
Microscop	e Make, N	lodel & f	# :		90111	3		Turn-aro	und Time	Immed.	24 Hr.	48 Hr.
Comments	. \	prh	7/5 +	8 7	ed:	SM	10-	250	9 3.	:04/1	71	

White - Lab Original

ENVOY environmental consultants, inc.

			ampling Log Bo			
Project Monitor:	Π . Λ	As per 12N	YCRR amended January	1 /		who are the second seco
Air Technician:	D. NY	N	Date: /	0/26/05	Job Ticket #:	36036
Building / Location	on: Middom	Tope	Work Area: 15th x/ox	c st	Shift 🔗	ВС
ES D C					MWK Client Contact (Print Nar	SinAh
		Client	/ Owner Representative (Print Name)		Client Contact (Print Nar	ne)
Abatement Contractor (Prin	•	Abater	ment Supervisor (Print Name)	,	NYSDOL Asbestos Hand	dling Certificate Number
Yes Map Completed Map Completed	<u> </u>	Potem	eter Number		Detection to the state of	
wap completed	Phase IB	Phase IIA	Phase IIB	Phase IIC	Date of Last Calibration	Phase IIC
Project Phase	Backgrounds	Work Preparation samples	Asbestos Handling Samples	Final Cleaning		Clearance Air Samples
Job Type	Class I	Class II	Large 🔀	Small]	Minor
Criling Type of Material	Drsh	Sq/ft	Ln/ft Project w	vith multiple rem	ovals	
1st Check ABO		k 1000 3rd C	Check 1200 4th C	Check 1400	5th Check	1400
Time of air sampling pump Notes	check					
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Set up	all pump		(° 0730	t		
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Broke	loon Samp	hs () 1731	o do syne of	th set of	yimes.	
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ir Technician Signatu re he Air Monitoring Log Bo	ook is a multi-page document	which must be viewed in its en	tirety.			

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PARADIGM

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 # 36036

Empire :	State D	evelor	oment C	Corporat	tion			MA	11 Smith	h		
Empire State Development Corporation Client								Client C	ontact	Client	Contact I	Phone
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Million Tomes 15th flay 5E Building/Location Work Area							-	Air Tech	1 50 1		chnician l	
Cambria Bill												
Contractor Contact							*	Fax Res			Fax #	
. 5	1							SI	e Aw	109		
Rotometer	r#	(Cassette	Lot#		-	Material	s to be Rem	noved		
	^				•		•				*	
Project Phase	Phase I	R	Phase II	A DY	Phase I	IR 🗆	Phase	IIC	Phase II	СП	Env.	1
Filase	Backgorund		Work Area P	-	Asbestos Ha		Final Clear		Clearance Air	_		I
Field Data								3		***	9	
Field	h /	-	0	. 6	-	0 1	17					
Sample #	0-4	0-1	0-8	0-7	0-10	0.1	13.2					
Pre- Calibrated	-7	7	7	7	7							
Flow Rate))	2)	2							
Post- Calibrated	7	3	. 7	7	7							
Flow Rate	-	7	7	9	7						*	
Average Flow Rate	3	3	3	りが	JAN		÷,÷-,**;					
Start Time Military					1	and I						
Time	0730	0731	0732	0734	0733							
End Time Military Time	1730	1731	1732	1734	1733							
Duration (Minutes)	600	-			-							
Sample Volume (Liters)	1800				->	4	1					
Laboratory	analysis F	Performed	d by: Parac	digm Enviro	onmental S	Services.	Inc.				ELAPI	D # 10958
Lab Sample	3596	397	56,6	599	600	601	617					
F/h /402	210	011	10	11	200.		-					
Fibers/100 Fields:	7	10	8	4	6.5	0	0					
Fibers/cc:	10.01	40.01	40.01	10.01	10.07		Annex management of					
Samples R	Relinguish	ed Bv:			0		-	Date:		1	1	-
Gampies	temigaion	ca by.		D	. 16	K	-		10	176/	09	
Received i	in Lab By:	W	n					Date:	10/2;	7/1	7	
Analyzed I	By:	-	· V		P			Date:		10,		
					5				10.98.	09		
Microscop	e Make, N	lodel & i	#:	25	2 1113	3		Turn-are	ound Time	lmmed.	24 Hr.	48 Hr.
Comments	s:											

White -	Lab Original

	environmental consultants,	inc	
	Air Sampling Log Bo	Water and the second se	
As	s per 12NYCRR amended January		
Project Monitor: Air Technician:	Date: 10	. (ket #: 36041
Building / Location: Midton Tome	Work -14		6) в с
Project Description			
ESDC Client / Owner (Print Name)	Client / Owner Representative (Print Name)	Mu Client Contact	(Print Name)
		Cheff Contact	(Fint Name)
Chhbrin Abatement Contractor (Print Name)	Mux D- Abatement Supervisor (Print Name)	NYSDOL Asbe	estos Handling Certificate Number
Yes □ No □	51		
Map Completed	Rotometer Number	Date of Last C	alibration
Phase IB Phase III		Phase IIC	Phase IIC
Class I Class II	— ~	Final Cleaning Samples Small	Clearance Air Samples Minor
Job Type	60		
Ceiling Plush	Sq/ft Ln/ft Project w	ith multiple removals L	
1st Check 0725 2nd Check 083	3rd Check 1000 4th C	heck /330 5th	Check /735
Time of air sampling pump check			
Notes	.1		
On sol pours beginnen	Ill pumps to 3(Pm		
Set up pumps beginnin	00725		
created and pumps through	Thurs day to make	operators -	
Million Million Committee	15.1.1.200.000.000.000.000.000.000.000.000		
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			104 (HARD)
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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 # 2403-0

Asbestos Air Monitoring Chain of Custody

041	1078	1
Job Ticke	t #	1
36	140	

				Meets	IYCRR 56	amended	January	11, 2006		200	011	
Empire	State D	evelor	oment C	orpora	tion	10/28	109	Ma	K Smt	th		
Client 15th flow SE								Client Co			Contact	Phone
Midtour Tower 17th 11th 11th								0.1	luk-	3	177	294
Building/L	ocation.			Work Are	ea			Air Tech	nician	Air Te	chnician	Phone
Cum	brit			Bi								
Contracto	r			Contract	or Contac	t -		Fax Resi	ults To:		Fax #	
	51							See	Mir			
Rotometer	r#			Cassette	Lot#			Materials	to be Rei	noved		
Project	\wedge				1		1				*	
Phase	Phase I	B	Phase II	A	Phase I	IB X	Phase	IIC	Phase I	IC 🗆	Env.]
	Backgorund		Work Area P		Asbestos Ha		Final Clear	ning	Clearance A	uirs		
Field Data	and Samp	ling Prov	rided By: Er	nvoy Envir	onmental	Consultan	ts, Inc.				T	
Field Sample #	0-6	0-7	0-8	0-9	0-10	0-11	13-1	15-2				
Pre-		V	VV			0.1.	12	13				
Calibrated Flow Rate	3	3	3	3	3	3	1	1				
Post-												
Calibrated Flow Rate	3	3	3	3	3	3						
Average Flow Rate	A 34	3	3	3	3	7	and -	4	10 25	5		The State
Start Time					J. H.							
Military Time	0725	0771-	0727	0729	1728	0731						
End Time	0163	0110	010	0 . 01	0:100	01.31						
Military Time	1725	1726	1727	1729	1728	1731						
Duration	. 10.3	1/00	1101	1701	1700							
(Minutes)	600	600	600	600	600	600						
Sample	900	ww	6540	-	000	4,00	-	1				
Volume	180	1800	1800	1800	1800	1800	A	A				
(Liters) Laboratory		, 0			1	Services, I	nc.				ELAP I	D # 10958
Lab Sample			a syrr arac	9 =								
#	94212	104	105	100	(07)	108	109	70				
Fibers/100	11/0		11	00	0			-10				
Fields:	3	(0)	4	9	3	0	0	0				
			-	- '			(16.					
Fibers/cc:	40.01	20.01	20.01	20.01	(0,01	20.01	MIN	NA				
							•	I		4		
Samples R	Relinguish	ed By:	7).	Ph	1			Date:	10/2	8/09		
Received i	n Lab By:		1	10-	-			Date:	10	1	~	
		400000	1	101					10	001	91	
Analyzed L	Ву:		115	T				Date:	10/2	0100		
Microscop	o Maka M	lodel 8 4	+.	1				Turn-aro	und Time	010	1	
microscop	e make, M	ouel & f	(831	4F0			Turri-aro	and mine	Immed.	24 Hr.	48 Hr.

White - Lab Original	
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Comments:

TRIVION

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nniro	nm	enta	l con	sulta	ants.	inc

	Air Sampling Log B	
Project Monitor:	As per 12NYCRR amended January Date:	
Air Technician: 🔯 🕽 🗸		
Building / Location: Million Ton	Work Area: 15th Alou	St.
Client / Owner (Print Name)		Client Contact (Print Name)
	Client / Owner Representative (Print Name)	•
Abatement Contractor (Print Name)	M w/L Abatement Supervisor (Print Name)	NYSDOL Asbestos Handling Certificate Number
Yes ÇM No □	51	
Map Completed	Rotometer Number	Date of Last Calibration
Project Phase Backgrounds Phase Work P	e IIA Phase IIB reparation samples Asbestos Handling Samples	Phase IIC Phase IIC Phase IIC Clearance Air Samples
Class I Class	s II Large 🛣	Small Minor Minor
Coiling Most	S (ft Ln/ft Project	with multiple removals
Type of Material 1st Check 2nd Check	3rd Check 4th	Check 5th Check
Time of air sampling pump check Notes	ord Orlean	One of the original and
on son C 0645 / Lal SU ys pumps begins Clecked all Samphs Broke dan Samphs Sismothed all Samphs	all pumps to Jeph non D 0725 throughout day - al 1725 to sync example to las	of your set phies
		
	The state of the s	A company of the comp
M		
	POSSOCIAL NEW YORK OF THE PROPERTY OF THE PROP	
Air Technician Signature		

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 Lab Job #

Asbestos Air Monitoring
Chain of Custody

04/107 B

				Meets N	NYCRR 56	amended	Janu	Jary	11, 2006		200	016	
Empire State Development Corporation									Ma	K Sm	1		
Client							-		Client Co	V Sh	Client	Contact I	Phone
midt	oun T	pus	- 1	5th of	low SE	6			0.	Park	/	317	7294
Building/L	ocation.			Work Are			-		Air Tech	nician	Air Te	chnician i	Phone
Cum	bric			13:1	1								
Contracto				Contract	or Contac	et			Fax Res			Fax #	
-	51								2	to be Rei	109		
Rotometer	r #			Cassette	Lot#				Materials	s to be Rei	noved		
Project	\wedge				1			1				*	
Phase	Phase I	$B \square$	Phase II	IA	Phase I	IIB 📈	Pha	se	IIC	Phase I	IC 🗆	Env.	
*	Backgorund	Is	Work Area P	reparation	Asbestos H	andling	Final		ing	Clearance A	_		
Field Data	and Samp	ling Prov	rided By: E	nvoy Envii	ronmental	Consultar	its, In	C.					
Field Sample #	12-60	0-7	17-19	17-9	0-10	0-11	n	-1	W-7				
Pre-	0		00	V /					0.5				
Calibrated Flow Rate	3	3	3	3	3	3	1		1				
Post-		-			18	200		-					
Calibrated Flow Rate	7	3	3	3	3	3			1				
	-	3				(2)							
Average Flow Rate	3	34	J	13 it	A C	J	2 YE	180		-			
Start Time					14	圆 3					X STATE	9	4
Military Time	0725	0716	0727	0728	0771	6730			-				
End Time					1								
Military Time	1725	1726	1727	1778	1729	1730							
Duration	,					5							
(Minutes)	600	-	The state of the s	color content of content of		- Andrews							
Sample	1000						1	1	4				
Volume (Liters)	1800					1	1						
Laboratory	analysis F	erforme	d by: Parac	ligm Envir	onmental S	Services.	nc.					ELAPI	D # 10958
Lab Sample	94				. 6	1	,						
#	640	641	642	643	644	645	64	6	647				
Fibers/100 Fields:	21	14	13	12	8	0.5	()	0				
Fibers/cc:	1.01	4,01	4.01	2.01	2.01	4.01	2	A	MIA				
Samples R	Polinguish	od Rv:			1	7			Date:	1	1		
Samples K	emguisn	ed by.	1) - (I with	1			Date.	10/2	9/09		
Received i	n Lab By:	13	-						Date:	10/3	1/00		
Analyzed E	By:	7	O						Date:	2 22	1		
										100	09		
Microscop	e Make, M	lodel & f	# :	22113	h				Turn-aro	und Time	Immed.	21 Hr	48 Hr.
				921113)						mmed.	24 ΠΙ.	40 111.

White - Lab Original

Comments:

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

NAME OF THE PARTY	Air S	Sampling Log Bo	ok	
	As per 12N	YCRR amended January	11, 2006	
Project Monitor: Air Technician:	Pak	Date: 10	130/29	ob Ticket #: 36045
Building / Location: Mic	Im Tow	Work Area: 15th of her	SE	Shift B C
Project Description				MAK 5mHs
Client / Owner (Print Name)	Client	/ Owner Representative (Print Name)	Clie	nt Contact (Print Name)
Abatement Contractor (Print Name)	Abate	ment Supervisor (Print Name)	NYS	BDOL Asbestos Handling Certificate Number
Yes 🗖 No □		51		
Map Completed	Roton	neter Number	Date	e of Last Calibration
Project Phase Backgrounds	Phase IIA Work Preparation samples	Phase IIB Asbestos Handling Samples	Phase IIC Final Cleaning Samp	Phase IIC Clearance Air Samples
Class I	Class II	Large	Small	Minor —
Job Type		Large [V]	Siliali 🗀	Willor L
Type of Material	/ Gft	Ln/ft Project w	ith multiple remova	ls 🔲
1st Check 0800 2	nd Check 1000 3rd (Check LLVO 4th C	Check 1700	5th Check 1300
Time of air sampling pump check Notes				
on sa Po	650 /cm all	orms to JCK	'm	
Set us su	nos begning	(20726		
checked all	oums Thougho	it du to infu	re operation	w- gli good
Book down	pumas Pigz	, (Set y y	ines'
Subjusted o	all Sandes do	Lis der i	nerly STS	
		•	L	
	500 A C C C C C C C C C C C C C C C C C C			
The state of the s				
			The state of the s	
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	ALL HITTER CONTRACTOR			
			1700	
				- Whitelester
			N	
	1100			
Air Technician Signature The Air Monitoring Log Book is a multi-page	ge document which must be viewed in its e	ntirety.		

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 Lab Job #

Asbestos Air Monitoring

Ac.	-	
Job Ticket#	,	
31004	5 V/	11

1						of Cu				Job Tick	et# 6045	- VM
				Meets N	NYCRR 56	amended	Januar	y 11, 2006		0	00.0	- /
Empire	State D	evelop	oment C	Corpora	tion		-	May	K Smith	A 011	4044	D/s = = =
Client	us T		15	th Lla	1-56			Client C	Ontact	Cilen	t Contact	2.44
Building/L)WU	- 13	Work Are	ea DE	-	-	Air Tecl	hnician	Air Te	echnician	Phone
Cam	6-12			13.	11						140	
Contracto	51			Contract	or Contac	ct "		-0	c Av	Log	Fax #	
Rotometer	#			Cassette	Lot#			Materia	ls to be Re	moved		
Project Phase Field Data	Phase I	s	Phase II	Preparation	Phase Asbestos H	andling	Final Cle	e IIC	Phase I		₩ Env.	-
Field	and Sampi	Ing Prov	ded by. E		I			T	T	T		
Sample #	0-6	6-7	0-8	0-9	0-10	6-11	13-1	13-2				1
Pre- Calibrated Flow Rate	3	3	3	3	3	J	1	-	-			
Post- Calibrated Flow Rate	3	3	3	3	3	3						
Average Flow Rate	31	3	3-	3	-4	成	- 5 - Jan	. 4 54	. hc.h		7:4	ne seed d
Start Time Military Time	0726	6777	0728	1729	0136	0731				***		
End Time Military Time	1426	1417	1428	1429	1430	1431		- Commence of the Commence of				
Duration (Minutes)	420	-		and the second s		7					The state of the s	. 2
Sample Volume (Liters)	1240				entrine (c)	>	4	4				
Laboratory	analysis P	erforme	d by: Parac	digm Envir	onmental .	Services.	Inc.				ELAP I	D # 10958
Lab Sample #	9598	1960	197	198	199	200	261	200	Q			
Fibers/100 Fields:	8	12	10	4.5	3	5	0	0				
Fibers/cc:	40.01	10.01	40.01	10.01	20.01	(0.01						
Samples R	elinguish	ed By:	110	. 0	K	,	10	Date:	10	130/	0,7	
Received i	/	M	lase	nai	u-			Date:	10	1/3/1	09	
Analyzed E	By: /	1.1		Ch.				Date:		2		
Microscop	e Make, M	lodel & i	#:	3515	7			Turn-ard	ound Time	Immed.	24 Hr.	48 Hr.
Comments	:		O/	0,0								

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

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environmental co	nsultants, inc

Air Sa	ampling Log Book
Project Monitor: As per 12NY	CRR amended January 11, 2006
Air Technician: D. PA	Date: 11 11 1 Job Ticket #: 36047
Building / Location: Midden Tone	Work Area: 15th Alvov SE Shift (A) B C
ESD2 Client / Owner (Print Name) Client / O	Owner Representative (Print Name) Client Contact (Print Name)
Abatement Contractor (Print Name) Abateme	MWKD. ent Supervisor (Print Name) NYSDOL Asbestos Handling Certificate Number
Yes No □ Map Completed Rotomet	ter 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 L	Large 1 Small Minor Minor
Type of Material Sq/ft	Ln/ft Project with multiple removals
1st Check 0915 2nd Check 1200 3rd Cl	heck 1300 4th Check 1500 5th Check 1700
Time of air sampling pump check Notes	
on som (20055/Cal poll ,	sums to 3CPm
Set of lumps beginning (20730
chelled all plums thougher	
Broke all Samphs down &	345 MARY D 0720
Dom't fell an onming to	
PRODUCTION OF THE PRODUCTION O	
Programme and the second of th	
\sim	
Air Technician Signature The Air Monitoring Log Book is a multi-page document which must be viewed in its enti	irety.

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

Asbestos Air Monitoring Chain of Custody

09 1078 Job Ticket # 36047

				Meets	TORK 30	amenueu	January	11, 2000		0	60.	
Empire	State D	evelor	oment C	orpora	tion			MW	4 Sm	th		
Client		-					•	Client Co	ntact	Client	Contact I	Phone
midte		bul			Floor	St		0.	Pak	/	317 -	1294
Building/L	ocation			Work Are	ea			Air Tech	nician	Air Te	chnician l	Phone
Chw	bach			Bil	1							
Contracto	r			Contract	or Contac	t		Fax Resu	ults To:		Fax #	
	51					on C		Su	1 Ar	Los		
Rotometer	* #			Cassette	Lot#			Materials	to be Rei	noved "		
Project	\triangle				1		1				*	
Phase	Phase I	ВП	Phase II	IA	Phase I	IB V	Phase	IIC	Phase I	IC 🗌	Env.	
	Backgorund		Work Area P	reparation	Asbestos Ha	andling	Final Clean	ing	Clearance A	irs		
Field Data	and Samp	ling Prov	rided By: Er	nvoy Envir	onmental	Consultan	ts, Inc.					
Field	. /	-					2.1					
Sample #	0-6	6-1	08	0-9	0-10	0-11	13-1	15-2				
Pre-				~	7	7					*	
Calibrated Flow Rate	3	3	3	5	5	5	1	1				
Post-					-							
Calibrated	7	7	7	3	7	7						
Flow Rate)	7	2	-	2	-						
Average Flow Rate	3	3	3	3	3	東		_ 7	à s	R.		
Start Time						1/1						
Military	0730	1	022	1.7.77	07344	0778						
Time End Time	0130	0731	0732	6733	0131	0131						
Military					1							
Time	1720	1721	1712	1723	1724	1725						
Duration (Minutes)	590	-	erotest totale	and of malaying the part			ra-colours and a second			,	,	
Sample						>	1					
Volume	1770		-				V	A			,- ·	
(Liters)	analysis F	Porforme	d by: Parac	liam Envir	onmental S	Sanvicas I	lnc				FLAPI	D # 10958
	ariarysis i	enonne	Dy. I arac	Ingili Lilvii	Jimentar	Jervices, i	176.	Γ			LL/II	D 11 10000
Lab Sample #	95951	52	53	54	55	Sto	57	58				
Fibers/100 Fields:	2	3	5	3	3		0	0				
Fibers/cc:	10.01	10,01	20.01	20.01	20,01	20.01	NA.	NA				
		10			^	-		0-4		1		
Samples R			Ī)- (WK	/		Date:	11/	109		
Received i	n Lab By:		118	T				Date:	11/3	109		
Analyzed E	Ву:	1	197	mentale				Date:	11/4	1109		
Microscop	e Make, M	lodel & t	#:	0	a			Turn-aro	und Time		0411	1011
	, 11		18	36	14					Immed.	24 Hr. (48 Hr.

White - Lab Original

Comments:

en	vironmeniai consuliants, inc.
Ai	r Sampling Log Book
As per Project Monitor:	1
Air Technician: 🔯 D- VWK	
Building / Location: Middown Tove	Work Area: 15th Noor St Shift (A) B C
ESDC	Charly Course Responsibility (Britisham)
Building / Location: Midturn Tove Work Area: 15th Not 5t Shift @ B C Project Description ESDC Client / Owner (Print Name) Client / Owner Representative (Print Name) Client / Owner Representative (Print Name) Client Owner (Print Name)	
Abatement Contractor (Print Name)	Abatement Supervisor (Print Name) NYSDOL Asbestos Handling Certificate Number
Crelin Plate / +T/ftm \$9/19	
1st Check WO 2nd Check 0 30	3rd Check (100 4th Check (130 5th Check
· · · ·	
Completed Swal wsval	0400
- Run aggresse eur tech	mques.
Show Mad St. 110 Day	
Air Technician Signature The Air Monitoring Log Book is a mylti-page document which must be viewed in	in its entirety.

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Contractor	Building/L				Work Ar	ea : 11			Air Tech	nician	Air Te	echnician i	Phone
Rotometer # Cassette Lot # Materials to be Removed Project Phase Phase II					Contract	tor Contac	ot	-	4.1				
Project Phase B								-			4 4 1	FT/F	Th
Phase B	Rotomete	r#			Cassette	Lot#			Materials	to be Re	moved		
Reskycands	_	△				1		1		O			
Field Data and Sampling Provided By: Envoy Environmental Consultants. Inc. Field	Phase										7.1	Env.]
Field Sample I	Field Data			vided By: E	nvoy Envii	ronmental	Consultar		iirig	Clearance A	AII S		
Pre-Calibrated Y	Field		7.7						0-8	11-9	0-10	0.1	11-7
Flow Rate Average Flow Rate Fl		wet !	46	4 /	Lat 1	+ 3	0.0	0 /	00	0 /	0 10	15-1	VS 6
Comments: Comm	The state of the s	4	4	4	4	4	4	4	4	4	4		1
Flow Rate			1		. 1		1	. 1	11		J		
Flow Rate Start Time Military Time Time Military Time Time Military Time	The second secon	1	7	9	4	4	4	7	7	. 4	7		
Military Time 0921 1921 0412 0412 0413 0716 0717 0717 0717 0718 0717 0717 0717 0718 0717 0717 0717 0717 0718 0717 071	1	9	4	4	4	4		4	4	4	4		
Time 0921 0921 0922 0923 0924 0927 0927 0927 0927 0928 0928 0924 0928				-		1							
Military ISI IISI IISZ IISZ IISS IISV IIST IIST IISS IISV IIST IIST IISS IISV IIST IIST IISS IISV IIST	Time	0921	1560	0422	0922	0423	0926	0427	0427	0927	0928		
Microscope Make, Model & #:	Military	1151	1151	1152	1152	1153	1156	1157	1157	1157	1158		
Volume (Liters) Volume (Li	1	150	page 1			t					->		
Laboratory analysis Performed by: Paradigm Environmental Services. Inc. ELAP ID # 109 Lab Sample # 16094 095 096 097 098 099 100 101 102 103 104 105 Fibers/100 Fields: 9 4 3.5 8 6 9.5 7 8.5 5.5 7 0 0 Fibers/cc: 20.01 2	Volume	600	-								->	+	+
# 16044 045 046 047 048 048 048 048 048 048 048 048 048 048		analysis F	erforme	d by: Parac	digm Envir	onmental 3	Services,	Inc.				ELAPI	D # 1095
Fields: 9 4 3.5 8 6 9.5 7 8.5 5.5 7 0 0 Fibers/cc:		96094	095	096	097	098	099	100	101	102	103	104	105
Samples Relinguished By: Received in Lab By: Date: Date: 1	A KIND OF THE PARTY	9	4	3.5	8	6	9.5	7	8.5	5.5	7	0	0
Received in Lab By: Date: 1	Fibers/cc:	10.01	10.01	40.01	40.01	10.01	10.01	10.01	10.01	10.01	10.01	Special Control of the Control of th	
Received in Lab By: Date: 1 - 3 - 09	Samples F	Relinguish	ed By:	D	0,	14/	-		Date:	1	3/11	1	
Analyzed By: Microscope Make, Model & #: Comments: D. P. a. U.M. & 2:20pm 11:3:09	Received i	in Lab By:			MB	0,0			Date:	- 1	010 (
Microscope Make, Model & #: Comments: D. P. a. U.M. @ 2:300m 11:3:09 D. P. a. U.M. @ 2:300m 11:3:09					Coll .					11-3	-09		
Microscope Make, Model & #: Comments: D. P. a. U.M. @ 2:300m 11.3.09 Turn-around Time Immed. 24 Hr. 48 Hr. A H	Analyzed I	ву:		K					Date:	11.7	09		
D. P. a U.M. @ 2:30pm 11.3.09 }	Microscop	e Make, N	lodel & i	#: k	221	1112		-	Turn-aro	and Time		24 Hr.	48 Hr
D. T. & O.M. E S. Oct							P				A SECTION ASSESSMENT		
White - Lab Original Yellow - Lab Copy Pink - Project Folder Goldenrod - Technician	D. P. a	· U.M	. 6	9:30	pm	11.3.00	7 6	>					
		White -	Lab Orio	ginal	Yellow - L	ab Copy	Pinl	c - Proiect	Folder	Golde	nrod - Tech	nician	
								-1-3.					
	Transition of the last		the second		- North Control		Marie Alexander	- Mar 2000 po - 1 - 1 - 1	N Philipping	A with the state of	and the second		

			1	No.	PA	R	ΔΓ	110	M					
	DAR	ADICA		179 Lake A	ENVIR	ОНМЕН	TAL SE	RVICE		5) 647-3311	Lab Job]
	PAR	AUIG	1			estos					138	1/1078	-	
	1					Chair	of Cu	istody			Job Tick			
_	Empire	State D	evelo	oment C		NYCRR 56	amended	January		1/ 54	77	0		
2890-0	Client		15th floor SE			Client Contact Client Contact Pho			Phone					
000	Building/L	.ocation	Uma		Work Area			-	Air Tech	nician	Air Te	echnician	Phone	
2	Contractor Contract				-	Fax Resi	ults To:	Isole.	Fax #	Th	7			
	Rotometer	r#			Cassette	Lot#		-	Materials	to be Re	moved	TIF	1100	- 4
	Project													
	Field Sample #	J-1	I-2	I-3	I-4	1-5	U- 6	0-7	0-8	0-9	0-10	3-1	15-2	
	Pre- Calibrated Flow Rate	4	4	4	4	4	Y	y	4	У	Y			
	Post- Calibrated Flow Rate	Y	4	4	4	4	4	4	4	4	4			
	Average Flow Rate	d	4	44	4	B.		4	4	4	4			
	Start Time Military Time	0921	U921	0422	0922	0423	0926	0427	0427	0927	0928			-
	End Time Military Time	1151	1151	1152	1152	1153	1156	1157	1157	1157	1158			
	Duration (Minutes)	150	-					71.0		(, 0	~ <u>)</u>			
	Sample Volume (Liters)	600	-				10 m				\rightarrow	+	+	
	Laboratory Lab Sample								101	100	102		D # 10958	
	#	96094	095	096	097	098	099	100	101	102	103	104	105	
	Fibers/100 Fields:	9	4	3.5	8	6	9.5	7	8.5	5.5	7	0	0	
	Fibers/cc:	10.01	10.01	40.01	40.01	10.01	10.01	10.01	10.01	10.01	40.01	-		
	Samples R	Relinguish	ed By:	D	· Pe	K			Date:		3/07			
	Received in Lab By: Date: 11-3-09													
	Analyzed E			X					Date:	11.3				
	Microscop		lodel & 1	#: 6	221	1113			Turn-aro	and Time	Immed.	24 Hr.	48 Hr.	
-eft	D. P. a		. 0	5:30	pm	11.3.00	B	>						
		White -	Lab Orig	jinal	Yellow - L	ab Copy	Pink	c - Project	Folder	Golder	nrod - Tech	nician		
er a maria de la companya della companya della companya de la companya della comp		W When the same	the most knie I visc	States and the States	and an in their an artist	F. T. S. W. W. S. S. W.	anna Balabay Vi	- New 200 (No. 1 a . 10 A	h Pak San Asar	harte face of the Alberta	and the second second second	en inter fortunation		

		envi	TOMMETIME	consuluitis,	1/1/6.			
A Property of the Control of the Con		Air	Samplir	ng Log B	ook			
		As per 12	NYCRR ame	ended January	11, 2006			
Project Monitor:	TTO			Date: 0	28/27/09	Job Ticket	#: 3125	59
Air Technician: 🔯	1 : 1 R	ONNES	Mork		10/2//01	Shift /	A) B	C
Building / Location:	ISTOWN	TOWER	Work Area:	15世	FLOOR	(9 -	
E-5. L. C. Client / Owner (Print Name)			MARK	SMITH				
^			ient / Owner Represe			Client Contact (Prin	it Name)	
CAMBRIA			ARK Datement Supervisor (ELPANTE		NVSDOL Ashestos	Handling Certificate N	umber
Abatement Contractor (Print Name)		At		rint Name)		~ /19	Transmig Commence in	Jilloci.
Yes № No □		R	otometer Number			Date of Last Calibra	ation	
Phase		Phase IIA 🔲		se IIB	Phase IIC		Phase IIC	
Project Phase Backgro	A_{λ}	Work Preparation sample Class II	es Asbest Large	e Handling Samples	Final Cleaning Small	Samples	Clearance Air Sar Minor	npies
Job Type	- /						· · · · · · · · · · · · · · · · · · ·	AND DESCRIPTION
T/FM, CPC, FIRE ALVES, Type of Material	WPM, MAST	msP. Sq/ft	Ln/ft	Project	with multiple rem	novals 🗵		
1st Check 0800	2nd Check		d Check	200 4th	Check /30	5 5th Ch	eck	
Time of air sampling pump check	<u>, , , , , , , , , , , , , , , , , , , </u>							
Notes								
- ON S	TAK.							
- WEAT	LO CO	11777-015	-1070	- DARTL'	7 CLOUDY	· ,		
- CAL.		ET UP	Primps	€ 080	ارا الحار			
			100013	<u> </u>	<u> </u>			
- Pump		@ 1000						
	CHRCK @							
- Broke		Pumps @			· · · · ·			
- BROUG	4T DAM	purs to 1	AB AT	END OF	SHOFT.		701_4_P##0200# 300#10# .	
								
	· · · · · · · · · · · · · · · · · · ·							<u></u>
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6/11								
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	CONTRACTOR DE CONTRACTOR D						****	Bearing and a second
	avancumores and a second						our more and a second	
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	7							
	3	***************************************						
Air Technician Signature The Air Monitoring Log Book is a m	ulti-nade document wh	nich must be viewed in it	s antirety					

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

PARADIGM

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

Asbestos Air Monitoring Chain of Custody

Job Ticket #	0 1	١
31259	SN 184	

Meets NYCRR 56 amended January 11, 2006								3125	9 SMJ			
E. 5.	Д, С				081	27/0	P	MARK	SMIT	\mathcal{H}		
Client								MARK SMITH Client Contact Phone				
MILATO	our To	WER		15	FL	DN -		Air Technician Air Technician Phone				
MTA 77 Building/L	ocation			Work Ar	ea		_	Air Tech	nician	Air Te	echnician	Phone
	BRIA		M	ARK I	SELPAN	TE.	_					
Contracto				Contract	tor Contac	et .	_	Fax Resi			Fax #	•
<u> 72</u>			86	2315	1963	57	_	F1/67M.	CPC. CER	ed Dages	WPM. I	MASTIC, M
Rotomete	r#		<i>U</i>	Cassette	Lot#			Materials	s to be Re	moved /	,	,
Project	06	ın 🌬	06	🗆	Dha-a	חם ו	Dhaaa	"C □	Dhanai		Em.	-1
Phase	Phase Backgorund	/	Phase II Work Area F		Phase I Asbestos H		Phase Final Clear	L	Phase I		Env.	
Field Data								<u>.</u>	Clearance A	1113		
Field Sample #	I-1	I.2	I-3	T.Y	IS	0.6	0-7	0-8	0-9	0-10	B-1	B-2
Pre- Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	3		
Post- Calibrated Flow Rate	3	3	3	3	3		a.ø	3	3	3		
Average Flow Rate	3	3	3	3	- 3		マチ	3	3	3	enger dig de se se	
Start Time Military Time	0801	0802	0803	0806	0807	DXO	0700	0804	0805	0805		
End Time Military Time	1301	1302	1303	1306	1307	1300	1300	1364	1305	/305		
Duration (Minutes)	300	300	360	300	300	300	300	3(2)	300	300		
Sample Volume (Liters)	900	900	900	900	900	900	750	900	900	900	1	
Laboratory	analysis F			ligm Envir				1., ; 	<u></u>	L	/ELAP	ID #/10958
Lab Sample #	74	41 WX	403	464	Hurs	400	4/6/7	4166	409	470	471	4/72
Fibers/100 Fields:	45	3a	52	132	90.5	25	13	124	50	4.5		0
Fibers/cc:	.024	,017	,028	1071	.049	,013	1.01	.007	,030	1.01	NA	NA
Samples R	Relinguish	ed By:			ajuda ·			Date: 08/87/09				
Received in Lab By:						Date: 9-2001						
Analyzed By:							Date: 8-dE CH					
Microscop		lodel & #	t:	2.	01113	· —		Turn-around Time Immed. 24 Hr. 48 Hr.				
Comments		MA A	E/A	ne (0	c 1 . hr. s	21 . K . I	h = a =		C 4			

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	Air Sampling Log Book	
THE CONTRACT OF THE CONTRACT O	As per 12NYCRR amended January 11, 2006	
Project Monitor:	D. Park Date: 11/9/11 Job Ticket #: 36	136
Building / Location:	Work). Shift 🚳 D	С
Project Description	Mark Sinth	
Client / Owner (Print Name)	Client / Owner Representative (Print Name) Client Contact (Print Name)	
Yes No 🗆	Abatement Supervisor (Print Name) NYSDOL Asbestos Handling Certification NYSDOL Asbestos Handling Certification	ate Number
Map Completed	Rotometer Number Date of Last Calibration	
Project Phase Backgrou	The state of the s	
Class		
Job Type		
Type of Material	Sq/ft Ln/ft Project with multiple removals	. WHAT I TO KNOW THE COURT OF T
1st Check 340	2nd Check 1910 3rd Check 1940 4th Check 1510 5th Check	
Time of air sampling pump check Notes		
Cal All	pumps to yello	
Set in or	ums beginning (2 1303	BATE In column 1 and 1 a
Checked pin	nos when to inside warehin - all good	
Brille down	Dungs @1533 to Syne with set w (150 mms)	
Subjusted ,	all Sangles to 105.	
The Title 1 to 10 to	•	

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73-7, 17, 1900-700		
TALA	AC.	
Air Technician Signature The Air Monitoring Log Book is a mu	nulti-page document which must be viewed in its entirety.	

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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 # 36336

Empire	Empire State Development Corporation							MW	V Smit	h		
Client	Otato B	Ovolop	onnorne c	orpora	LIOTI		•	Client Co	ontact	Clien	t Contact F	Phone
. 1	7		1540	flow	6.1	井 1		0. () LK	7		294
Middle Building/L		al .	13	Work Are	ACN T	1.		Air Techi	nician	Air Te	chnician l	
0 1				AII	1			7111 1 00111	Holan	7.11	, , , , , , , , , , , , , , , , , , , ,	
Came				(51)	1 - u C = u 4 = =	.4		Fax Resu	ulto To:		Fax #	
Contractor Contact						rax Rest	1		rax #			
. 31						41	Him					
Rotometer	*#			Cassette	Lot#			Materials	to be Re	moved		
Project	\wedge				1		1		\bigcirc		*	
Phase	Phase I	ВП	Phase II	IA	Phase I	IB 🖂	Phase	IIC	Phase I	IC IX	Env.	
	Backgorund		Work Area P		Asbestos Ha		Final Clean		Clearance A	7		
Field Data							ts, Inc.					
Field												
Sample #	1-1	I-2	I-3	0-4	0-5	0-6	12-1	15-2				
Pre- Calibrated	1	. 1										
Flow Rate	4	4	4	4	4	4						
Post-						.1						
Calibrated	y	4	V	4	4	1						
Flow Rate		1			and the	elie e					(20)	
Average Flow Rate	. 4	11-	U	U.	J 36 02	VI				1	L	
St. A. S. S. C.	100	119	3. 3.	1	1 1/9/							
Start Time Military					311	18						
Time	1303	1303	1303	1305	1305	13.05						
End Time					9							
Military Time	1533	1533	1573	1535	1535	1535						
	100-	10 97	1222	1231	1.1.31	1303						
(Minutes)	150	-	THE OWNER OF THE OWNER OWNER OF THE OWNER	-	A promote the second	-)	1					
Sample	100					-						
Volume	1.10	-		-			4	4				
(Liters)	600											
Laboratory	analysis F	Performed	d by: Parac	digm Enviro	onmental 3	Services, i	nc.				ELAPI	D # 10958
Lab Sample	agar.				710		211					
#	78358	359	360	361	362	363	364	365				
Fibers/100												
Fields:	1.5	1	1	0.5		0	01	01				
			-		,			1				
Fibers/cc:	1.01	1.01	1.01	1.01	1.01	1.01	1/10	NIA				
	21-1	2.101	41-1			1 1	100					
Samples R	elinguish	ed By:	_	1				Date:		60		
	3		0.	Va	R				11/9/	09		
Received i	n Lab By:			All	1			Date:				
				(selly					11-9-	09		
Analyzed E	Зу:			-/	70			Date:			9 (4	
				Col	B				11-9-	09		
Microscope Make, Model & #:						Turn-aro	und Time	Immed.	24 4-	48 Hr.		
			7.	3575	7					umnea.) Z4 III.	40 111.
Comments	:											

White -	Lab	Original

	enun	ommeniai consulan	13, 1/16.		
	Air S	Sampling Log	Book		
Drainet Manitery II	As per 12N	IYCRR amended Janua	ary 11, 2006		
Project Monitor: Air Technician:	T. TRONNES	Date:	08/27/09	Job Ticket #:	31259
Building / Location:		Work Area: 15 TH		Shift A) B C
Project Description		1,10,00 <	,		
Client / Owner (Print Name)	Clien	t / Owner Representative (Print Name)	Client Contact (Print Na	ime)
CAMBRIA		4RK DELPANTE			
Abatement Contractor (Print Name) Yes No		ement Supervisor (Print Name)		NYSDOL Asbestos Har	dling Certificate Number
Map Completed		meter Number		Date of Last Calibration	
Phase IB	Phase IIA	Phase IIB	Phase IIC		Phase IIC
Project Phase Backgrounds, Class I	Work Preparation samples Class II	Asbestos Handling Sample Large	Final Cleaning Small	- -	Clearance Air Samples Minor
Job Type T/FM. CPC. FIRE Davies (4)	PM, MYSTZE, Sq/ft	Ln/ft Projec	ct with multiple ren	novals 🔯	
Type of Material		-			
1st Check 2	2nd Check / రహం 3rd	Check 1200 41	th Check /30	5 5th Check	
Notes					
-ON ST	TF.				
- WEATHA	······································	670- PARTL	-7 CLOUDY	,	
- CAL. An	D SET UP F	Pumps & 08	OD .		
- Pump C	HECK @ 1000				
	HECK @ 1200.				
- Broke	Down Pumps @ 1	3 <i>0</i> 0.			
- Brough			f SHEFT.		
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	- Company of the Comp			·	
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Air Technician Signature	ge document which must be viewed in its en	atirety			The second secon

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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

Job Ticket #		1/.	ًا الله	1
312	59	SMU	y.	

				Meets N	NYCRR 56	amended	d January	11, 2006		3125950			
E. 5.	Д, С.				081	27/09	2	MARK	SMエ _T ontact	2/			_
Client				1 1	* TH	Δ	· 5. 44.				t Contact		
MTA 10 Building/L	101 KW	WER		<u> 15</u>	1- Fle	DK_	_		DNNES	de	2.57	<u>3:3 </u>	_
			4.4	Work Ar	ea l			Air Tech	nician	Air Te	chnician	Phone	
CAMP	BRIA		M	ARK I	SELPAN	πC	_						
Contracto	r			Contract	or Contac	et .		Fax Resi			Fax #	•	
72		·	86	2 315	10903	<u> </u>	_	F <u>1/67M.</u>	CPC FIR	4 Droes	WPM, P	MSTJC, 1	<u>m</u> 2
Rotomete	r#			Cassette	Lot#			Materials	to be Re	moved '	,	,	
Project	5 /	(D)	5, ,		D/	WD	D/	"	D/	"O -	-	1	
Phase	Phase I	<u>/─</u>	Phase I		Phase I		Phase	_	Phase I		Env.	J	
Field Data	Backgorund		Work Area F uided Rv: F		Asbestos H. ronmental		Final Clean ats Inc	iing	Clearance A	NIFS .			
Field	T Camp	iiig i iov	l Jaca Dy. L	T /	Uninormal 	Consultar	1	Τ		I	0 1	00	7
Sample #	I-1	IZ	I-3	T.4	1.5	0.6	0-1	08	0-9	0-10	13-1	B-2	
Pre-		,						——————————————————————————————————————		,	,		7
Calibrated Flow Rate	13	<	2	1.3	15	13	13	15		1 5		1	
Post-					1/6	33%							1
Calibrated	2	3	3	3	3	1	a.ø	3	3	3			
Flow Rate	1-3-	3	5	5	<u> </u>	8:	08.50	1 2					1
Average Flow Rate						\$ A.							
Start Time	3	3	3	3	3	£ 16	すず	13	3	3			-
Military	A 0 1	.0.0			27			arioil	25/20	0900			
Time	0801	0802	0803	0806	0807	080	0800	0804	0802	0805			4
End Time Military							ţ						
Time	1301	1302	1303	1306	1307	1300	1300	1364	1305	/305			
Duration						李花 !							1
(Minutes)	300	300	300	300	300	300	300	300	300	300			
Sample		300	,,,,,	200					200		17	17	1
Volume	900	900	900	900	900	900	750	900	900	900	<i>Y</i>		
(Liters) Laboratory			d by: Parac					100	100	700	/FLAPI	D #/10958	
	74		z by. r arad	9/11/2/11/11	l .		1				/ ==::: ·	,	7
Lab Sample #	461	1/100	463	404	4/ 11-	400	23107	400	409	476	471	4/72	
	7/01	*7 G&X	400	104	77 (4)	-4 C. ().	17 63 7	100	70 /	7 / / /		, 100	1
Fibers/100 Fields:	146	22	52	122	ans	25	12	124	150	105	۱ ۱	\cap	
i ieius.	(11)	<i>20</i> λ	<u> </u>	MA	100	4.7	10	101	· / ·	6.3	1	0	4
Fibers/cc:	nall	017	מרג	171	01/0	οιa	1/51	(NA)	120	101	MM	A1/4	
	1024	111	,026	1071	1.049	,013	11.01	1.0007	,030	1101	11/1/1	14/1/	_
Samples R	Pelinguish	ed Rv	/					Date:					7
- 3111010011	-mgaion		service of the servic	1	and the second of				08/2	1/19			
Received i	n Lab By:							Date:	,	/			1
	,			$\langle M_{-} \rangle$:		9-6	1601			
Analyzed E	з <i>у:</i>			77				Date:		· · · · · · · · · · · · · · · · · · ·] .
			<u>(</u>	711					001	<u> 6.09 </u>			1
Microscop	e Make, M	lodel & t	<i>‡:</i>	3 -	1112	-		Turn-arou	und Time	Immed	24 Hr. ¿	48 Hr	1
. *			····	da)1113 <u> </u>						<u> @</u>		T
Comments	: . /	- مىر	و مسر	~ O (~		<i>a</i> • ·							
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	¥.	メ・・ブ		7	**		(N. 27 1	, , , , ,	1			

ACCOUNTY AND ADDRESS OF THE AC		Air S	ampling Log Bo	ook	
Project Mo Air Technic		As per 12NY	CRR amended January Date:	11, 2006 11 3 35 Job Tick	et#: 767 7%
	ocation: Middan	Tow	Work Area: 15th 4 car	Jent #2 Shift	Ю в с
Project Description				ma	K Shirth
		Client /	Owner Representative (Print Name)	Client Contact (The state of the s
Abatement Contra	ctor (Print Name)	Abatem	ent Supervisor (Print Name)	NYSDOL Asbe	stos Handling Certificate Number
Yes 🔯 N	o 🗆	Rotome	3 I	Date of Last Ca	libration
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
Job Type	Class I	Class II	Large L	Small 1	Minor L
	ft/frm	%	Ln/ft Project w	vith multiple removals	
Type of Material	1340 2nd Ched	ck / 4/0 3rd C	hook 11415 Ath C	Check /5/0 5th C	Nh e al c
1st Check Time of air samplii		ck 1410 3rd C	heck YYO 4th (Sheck (3 (Sin C	Check
Notes	. 1	A 2)			
<u>(a)</u>	all fungs	6 9 C	7	**************************************	
<u>Set</u>	of Amps	Beginning (-) 1306	1 - 1	99.41. 3/1.1
_ aero	ed pumps of	Hen to where	operation - al	•	1874 3 0
Sv5n	Adou prings	, ,	65	15 DIAT TOUCH	100 - 100
	3446 2111 33			A STATE OF THE STA	
-				HIMANO	
••••••••••••••••••••••••••••••••••••••					
·				Manager and the second	
		AND THE RESIDENCE OF THE PARTY			COLUMN CO
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					- MARCON
<u> </u>					
	**************************************			MAP.	
	500 GD 3 CF 41115 (CF 41140)				
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W.	JAR.	AND THE RESERVE OF THE PARTY OF			
Air Technician Sig The Air Monitorin	nature . : g tog Book is a multi-page documer	nt which must be viewed in its ent	irety.		

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ENVIRONMENTAL SERVICES. IN

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

14162-09 09 1078

Asbestos Air Monitoring

Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket #

				Meets	I CKK 30	amenueu	January				320	
Empire	State D	evelop	oment C	orpora	tion			mar	ntact	h		
Client				3-	,			Client Co			Contact F	
	our -	tower			or to	int of		1).	PWEN			1294
Building/L	1			Work Are	ea			Air Techi	nician	Air Te	chnician I	Phone
100	bria			13111							- "	
Contracto	r			Contract	or Contac	t		Fax Resu	Its To:		Fax #	
Rotometer	+		,	Cassette	Lot#			Materials	to be Rer	noved		
Project	\wedge				1		1		\bigcirc		*	
Phase	Phase	IB 🗀	Phase II	A	Phase I	IB 🗍	Phase	IIC	Phase I	IC X	₩ Env.	
	Backgorund		Work Area P		Asbestos Ha		Final Clean	ing	Clearance A	irs		
Field Data	and Samp	ling Prov	rided By: El	nvoy Envir	onmental	Consultan	ts, Inc.					
Field Sample #	T-1	I-2	I-J	0-4	0-5	0-6	0-1	15-2				-
Pre-	1			0 1		V		12 -				
Calibrated Flow Rate	4	4	4	4	4	4						
Post- Calibrated Flow Rate	4	4	4	4	4	4						V.
Average Flow Rate	Y	Y	My .	4	WANT OF THE PROPERTY OF THE PR	4			Sec. 33- 1	h		
Start Time Military Time	1306	1306	1307	1308	1300	1708						
End Time Military Time	1536	1536	1537	1538	1538	1538						
Duration (Minutes)	150	_				->						
Sample Volume (Liters)	600		2 /2			->	4	4				
Laboratory	analysis F	Performe	d by: Parac	ligm Enviro	onmental S	Services, I	nc.				ELAP II	D # 10958
Lab Sample #	98350	351	352	353	354	355	356	357				
Fibers/100 Fields:	0.5	3	0.5	0		0.5	0	0,				
Fibers/cc:	4,61	1,01	1.01	1,01	2.01	1.0)	NA	MA				
Samples R	elinauish	ed Bv:	~				-	Date:		1		
-4	guion	,.	0	- /	ak	1			11/9/	107		
Received i	n Lab By:		,	18				Date:	11-9-	09		
Analyzed L	Зу:		((db)	1			Date:	9-09	-		
Microscop	e Make, N	lodel & i		3575	7	_		Turn-aro		Immed.	24 Hr.	48 Hr.
Comments	:								4			

White -	- Lab	Origin	nal

		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	Air S	Sampling Log Bo	ook		
		YCRR amended January			
Project Monitor: Air Technician:	Perk		1 4 0 4	Job Ticket #:	303320
Building / Location: Midfow	tone	Work Area: 15th flav	tent#3	Shift 🚱	ВС
Project Description				Mark Sin	ifh
Client / Owner (Print Name)	Client	Owner Representative (Print Name)	D	Client Contact (Print Name	e)
Abatement Contractor (Print Name) Yes No	Abate	ment Supervisor (Print Name)		NYSDOL Asbestos Handlii	ng Certificate Number
Map Completed	Roton	neter Number		Date of Last Calibration	
Project Phase Backgrounds	Phase IIA Work Preparation samples	Phase IIB Asbestos Handling Samples	Phase IIC Final Cleaning Sa		hase IIC parance Air Samples
Class I 💢	Class II	Large	Small \square	М	inor 🔼
Job Type D.T.	Sq/ft	n/ft) Project w	vith multiple remo		The state of the s
Type of Material					100 100 100 100 100 100 100 100 100 100
1st Check 10 2nd Ch	neck (440 3rd	Check S 0 4th C	Check	5th Check	
Notes					
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Air Technician Signature The Air Monitoring Log Book is a multi-page document of the state of th	ment which must be viewed in its e	ntirety.			

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 Lab Job # 09/1078

Asbestos Air Monitoring
Chain of Custody

Job Ticket #

				Meets I	NYCRR 56	amende	d January	11, 2006		51	0330	
Empire	State D	evelor	oment	Corpora	ition			MY	v Smi	He		
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Building/L	ocation			Work Ar	ea		_	Air Tech	nician	Air Te	chnician	Phone
Cambria Bill												
Contracto	r			Contrac	tor Contac	ct	-	Fax Res	ults To:		Fax #	
5	1							PI				
Rotometer	r#		Cassette Lot #				_	Materials	s to be Re	moved		
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Project Phase	Phase I	IB	Phase	IIA 🗆	Phase	IIR 🗆	Phase	IIC 🗆	Phase	IC X	₩ Env.	7
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(Minutes)	150	150			書	\$-						
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(Liters) Laboratory	analysis P	Performed	d bv: Para	adiam Envir	onmental S	Services.	Inc.				ELAP	ID # 10958
Lab Sample				T								
#	98366	367	368	369	-37							
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			2	3575	7				(Immed.	24 Hr.	48 Hr.

White - Lab Original	
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Comments:

		onmental consulta			
	Air S	Sampling Log	Book		
	As per 12N	IYCRR amended Janı	uary 11, 2006		
Project Monitor: Air Technician:	TRONNES	Date	08/27/09	Job Ticket #:	31259
•		Work , _ T		Shift (A)	ВС
Building / Location: MTS Tou	IN TOWER	Area: 15 '-	= FLOOR	· ·	
Project Description		1,40,0 -	- /		
Client / Owner (Print Name)	Clien	ARK SMIT 1 / Owner Representative (Print Nar	# ne)	Client Contact (Print Na	me)
CAMBRIA	M	4RK DELPANT	É		
Abatement Contractor (Print Name)	Abate	ement Supervisor (Print Name)		/	dling Certificate Number
Yes Ø No □		72 meter Number		07/09 Date of Last Calibration	
Map Completed		_	Dhana NG		Dhara UC
Project Phase Backgrounds	Phase IIA Work Preparation samples	Phase IIB	Phase IIC ples Final Cleaning		Phase IIC Clearance Air Samples
Class I	Class II	Large	Small [Minor 🔲
Job Type	w2b.				
FT/FM, CPC, FIREDURS, WPM, N Type of Material	145TEL Sq/ft	Ln/ft Proj	ect with multiple ren	novals 💹	
1st Check (1) 200 2nd Chi		Check / 200	4th Check /3o	ტ 5th Check	
Time of air sampling pump check	eck 7000 old	CHECK 1200	Harroneck 730	U Stil Slicen	
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			NACO TRACE		
	1-1-10-10-11-11-11-11-11-11-11-11-11-11-				
Air Technician Signature					
The Air Monitoring Log Book is a multi-page docum	ent which must be viewed in its e	ntirety.			

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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

Job Ticket#	0. 17.	1
31259	SMA	

		Meets NYCRR 56 amended January 11, 2006					3125	9 5°	19,				
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Client				1.00	TH CI	0	1 Thinks			_	t Contact		
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	Backgorund	ببار	Work Area P		Asbestos H		Final Clean		Clearance A			_	
Field Data	and Samp	ling Prov	rided By: E	nvoy Envii	ronmental	Consultar	nts, Inc.						_
Field		17)	ナッ	-r- U	15	0.6	(0.7)	0.8	0-9	0-10	RI	122	1
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Average Flow Rate	3	3	3	3-3	3		つまず:		3-	- 3			
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Duration (Minutes)	300	300	360	300	360	300	300	360	300	300			
Sample Volume (Liters)	900	900	900	900	900	900	750	900	900	900	/		
Laboratory	analysis P	Performed	d by: Parad	ligm Envir	onmental S	Services, i	Inc.				/ELAP I	D#/10958	;
Lab Sample #	14	4 (gd	4/63	404	Hun	400	4/197	406	469	47:	4-71	4/72	
Fibers/100 Fields:	46	32	52	122	905	25	13	124	50	4.5	1	0	
Fibers/cc:	,024	,017	,028	,071	.049	,013	1.01	.067	,030	1.01	NA	N/A	
Samples R	elinguish		4	J				Date:	08/2	/_			7
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	THE PROPERTY OF THE PROPERTY O	Air S	Sampling Log	Book		
Project Monitor: Air Technician:	显 ~ 0	As per 12N	IYCRR amended Janu Date:	ary 11, 2006	Joh Ticket	#: 36006
Building / Location	on: Midtan	n Tarer	~~~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	low Jent		A) B C
Project Description £5DC Client / Owner (Print Name)					nor)	L Snith
Abatement Contractor (Print			nt / Owner Representative (Print Nam www D ement Supervisor (Print Name)	•	Client Contact (Print	Name) Handling Certificate Number
Yes No 🗆	· · · · · · · · · · · · · · · · · · ·		meter Number		Date of Last Calibra	
Project Phase	Phase IB Backgrounds	Phase IIA Work Preparation samples	Phase IIB	Phase IIC		Phase IIC Clearance Air Samples
Job Type Phish	Class I	Class II	Large	Small		Minor
Type of Material	Mo 2nd Che	\$9#		ct with multiple rer		
1st Check 3 Time of air sampling pump of Notes	End One	eck 1410 3rd	Check 1440 4	th Check \SI	5th Che	ock
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Air Tophnicia	M.		MAN	CHARLES		
Air Technician Signature The Air Monitoring Log Bo	ok is a multi-page docume	ent which must be viewed in its e	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 #

09/1078

Asbestos Air Monitoring
Chain of Custody

Job Ticket#

		Meets NYCRR 56 amended January 11, 2006									0110	
Empire :	State D	evelor	ment C	orpora	tion			MY	(Smit	h		
Client						,	-	Client C	ontact	Client	t Contact I	
	our To	ver	15	r floor	tent	# 4		0.	Var	31		44
Building/L	ocation			Work Are	ea			Air Tech	nician	Air Te	chnician i	Phone
Camb				Bi	11							
Contractor	r			Contract	or Contac	t		Fax Res	1	14	Fax #	
	1			0	1 = 4 #			Matarial	s to be Rei	45til		
Rotometer	#			Cassette	LOT#			waterial	s to be ker	noveu		
Project	\triangle				-1		1		0		* _	
Phase	Phase I		Phase II		Phase I		Phase		Phase I	-	Env.	
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Field	and Gampi	Ing i ioi	laca By. E.		I				T			
Sample #	I-1	T-2	J-3	0-4	0.5	0-6	13-1	13-2				
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Flow Rate Post-			1									
Calibrated Flow Rate	4	4	4	4	4	4						
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Time End Time	1312	1317	1313	1314	1)/1	1315		1-1-				
Military Time	1542	1542	1543	1544	1544	1545						
Duration						7						
(Minutes)	150)				-/						
Sample Volume	1000	_				7	V	4				
(Liters) Laboratory	0	Performed	l by: Parac	liam Enviro	onmental S	Services, I	Inc.				ELAP I	D # 10958
Lab Sample	unaryoron	CHOMIC	by, r arac	III LIIVIII	Similar c	30, 1,000, 1						
#	98342	343	344	345	346	347	348	349				
Fibers/100 Fields:	0.5	0.5	-	0	1	0.5	0	0				
		013					1	1				
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Samples R	elinguish	ed By:	5	0	10		V	Date:	11	1.		
			1).	. 14	VA				11/4	107		
Received i	n Lab By:			~	(all)			Date:	11-9-	09		
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Microscop	e Make, M	lodel & f	# :	2357	57			Turn-arc	ound Time	Immed.	24 Hr.	48 Hr.
Comments	: 20:12	11-9-	og all)(1)	Days P	arler	VOICE	mail	Lac in	15 1411	61-141	45

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	Air Sampling Log E	
Project Monitor:	As per 12NYCRR amended Januar Date:	ry 11, 2006 11 9 09 Job Ticket #: 36 77 6
Building / Location: Willow T	oue Work Area: 15th floor	r fent #5 Shift @ B C
Project Description £ SDC		max South
Client / Owner (Print Name) Cambo ~	Client / Owner Representative (Print Name) WAK D:	Client Contact (Print Name)
Abatement Contractor (Print Name) Yes No □	Abatement Supervisor (Print Name)	NYSDOL Asbestos Handling Certificate Number
	Phase IIA Phase IIB	Date of Last Calibration Phase IIC Phase IIC
Class I	Work Preparation samples Asbestos Handling Samples Class II Large	Final Cleaning Samples Clearance Air Samples Small Minor Minor
Job Type P∴T -	Sq/ft Ln/ft Project	t with multiple removals
Type of Material 1st Check 1340 2nd Check	1410 3rd Check 1440 4th	n Check [5] 0 5th Check
Time of air sampling pump check Notes		
Set is scarps to	40pm ginny (2)17	
cheted all pumps	often to in sine operation	afries-all good
Broke down prings	as to us	in S
200 3770		
- A A		
Air Technician Signature		
ir Technician Signatur		

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

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ENVIRONMENTAL SERVICES, INC.

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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

09 1078 Job Ticket # 36334

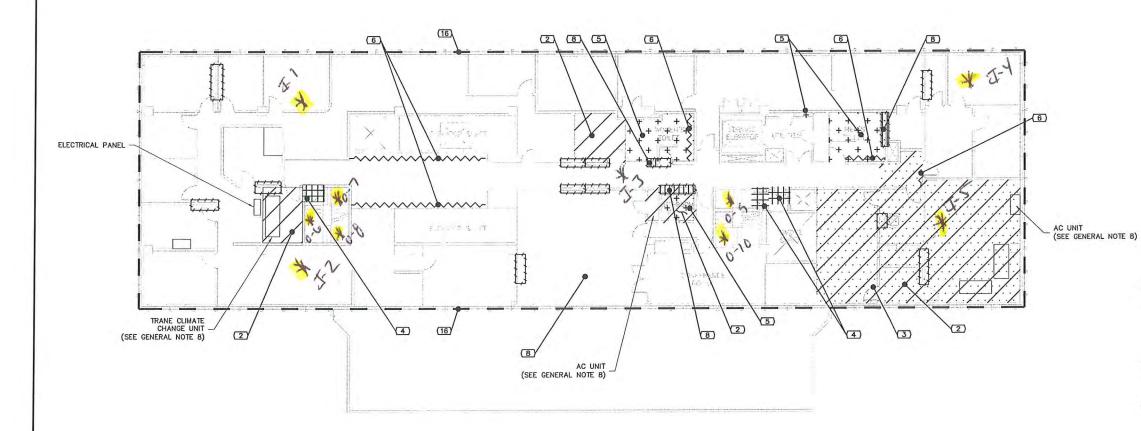
Facilities	01-1- 0	1			1'	amende	Juliany			-		
Empire State Development Corporation Client						-	Client Contact Client Contact Phone				Phone	
Middow Tower 15th flow Lend 45 Building/Location Work Area							0. Park 3177294					
Building/Location Work Area							-	Air Technician Air Technician Phone				
Cam				131	11							
Contractor Contract						-	Fax Results To: Fax #					
51	1						_	PI				
Rotometer	r#			Cassette	Lot#			Materials	s to be Rei	noved		
Project	\triangle				1		1		0		*	
Phase	Phase I	B	Phase IIA		Phase IIB Phase		Phase	IIC Phase IIC		IC 🕅	Env.	
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Sample #	1-1	U-Z	13-1	0-2								
Pre- Calibrated	11	V	1									
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Start Time Military Time	1317	1318						To the second se				
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Duration (Minutes)	150	150										
Sample Volume	100	(000)	7	4					a.			
(Liters) Laboratory	0	Q.	d by: Parac	liam Envir	onmental :	Services	lnc		1		FLAPII	D # 10958
Lab Sample #	98370	371	372	373								/
Fibers/100			514	0	734							
Fields:	2	3.5	1									
Fibers/cc:	1.01	1.01	MA	NA								
Samples Relinguished By: Date:						07						
Received in Lab By:							Date: 11-9-09					
Analyzed By:							Date: //-9-09					
Microscope Make, Model & #:							Turn-around Time Immed. 24 Hr. 48 Hr.					
Comments	:											

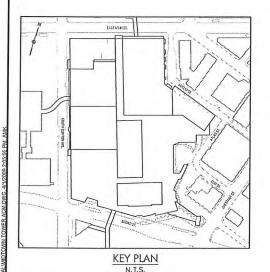
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Sample Locations & Maps

Background An Samples

sample location





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

LEGEND:

PIPE CHASE

IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, OTHER THAN THOSE WHOSE SEAL APPEARS ON THIS DRAWING, TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING, IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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







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

15TH FLOOR ASBESTOS ABATEMENT PLAN

GENERAL NOTES:

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

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

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

4. THE CONTRACTOR SHALL PROVIDE A LICENSED ELECTRICIAN TO EVALUATE, DE-ENERGIZE AND 4. THE CONTRACTOR STALL PROVIDE A LICENSED ELECTRICIAN TO EVALUATE, DEPENDENCE REPORT OF THE TRACE OF THE TRA OTHER PORTIONS OF THE SITE. ALL ELECTRICAL WORK SHALL BE INCLUDED IN THE CONTRACTORS LUMP SUM BID.

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

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

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

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

ASBESTOS ABATEMENT NOTES:

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

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

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

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

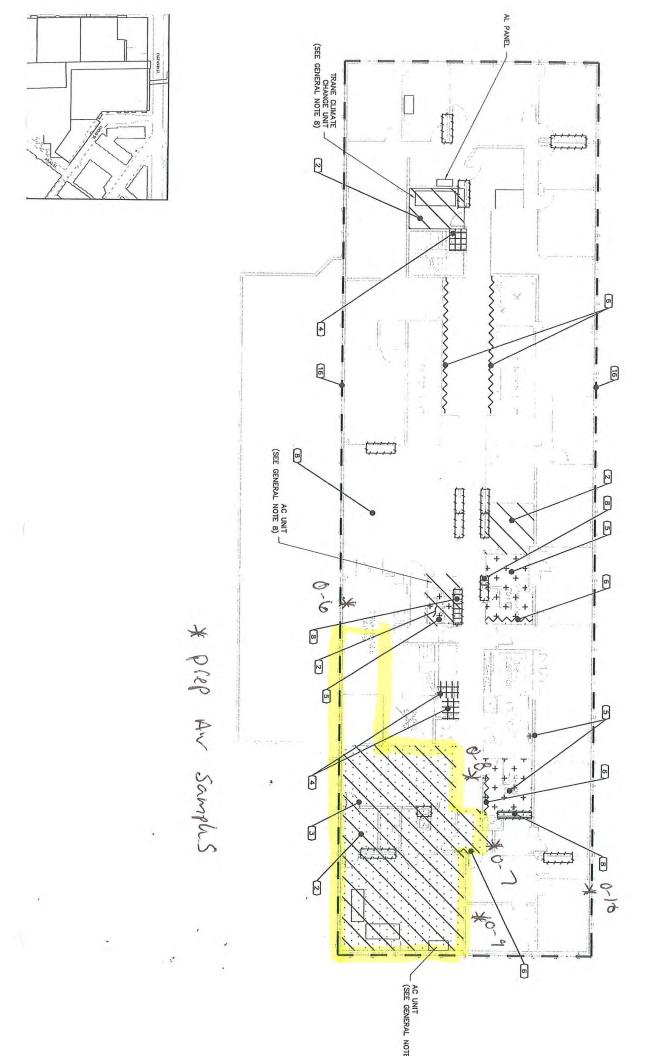
(B) PIPING RUNS ARE CONTAINED WITHIN WALLS, PIPE CHASES AND ABOVE SUSPENDED CEILING THROUGHOUT ENTIRE FLOOR LEVEL. THE CONTRACTOR SHALL REMOVE ALL CEILINGS AND PERFORM ALL PREABATEMENT DEMOLITION NECESSARY TO EXPOSE ALL PIPING. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL A PREABATEMENT DEMOLITION PLAN PROPOSING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

> LIRO JOB NO. 08-21-104

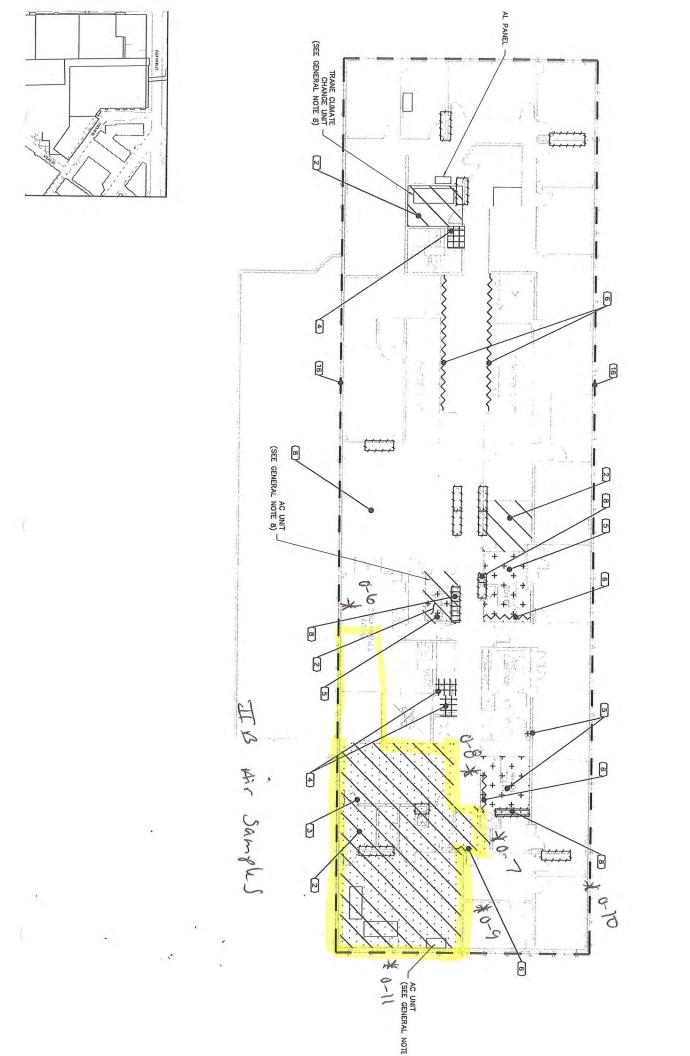
FIGURE NO.

13 17

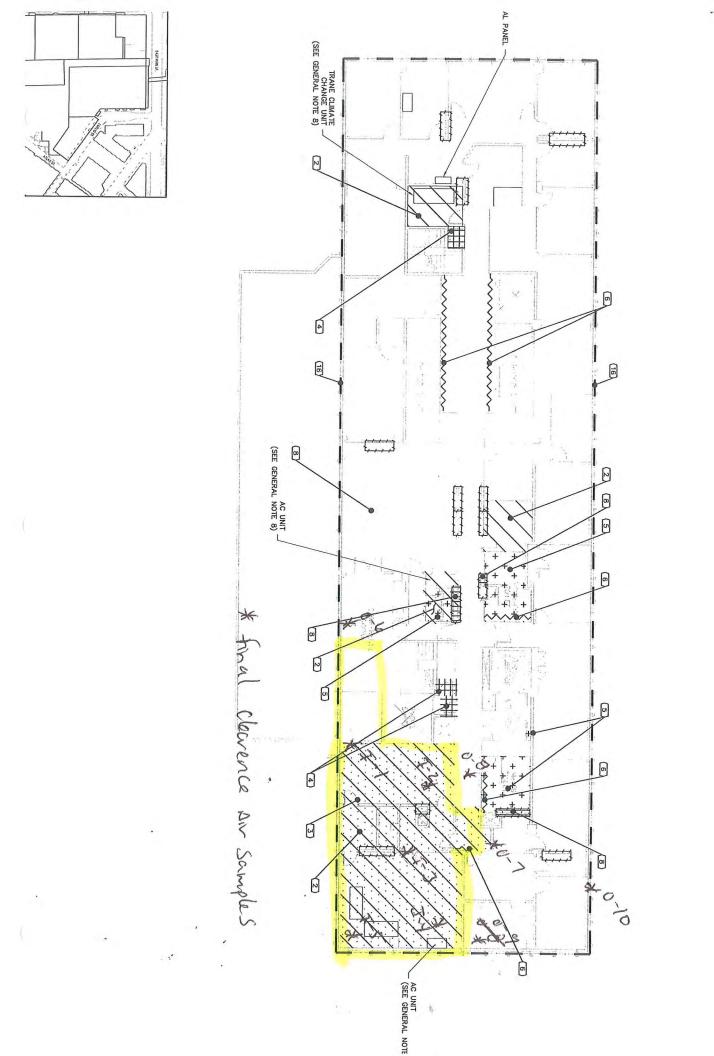
MT-A13



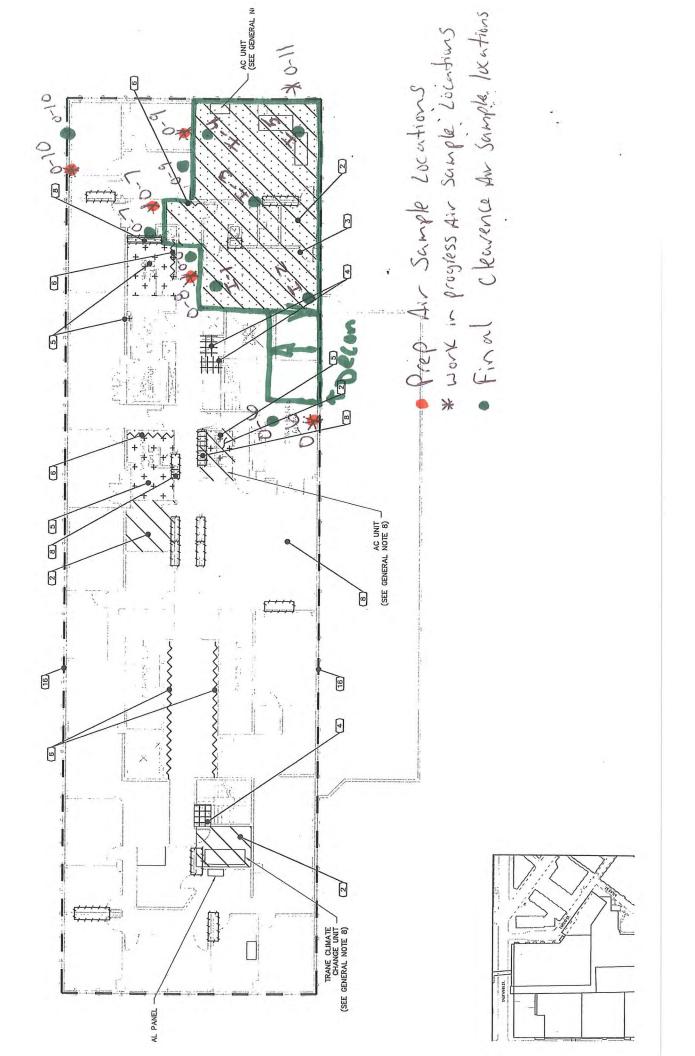
15th flow SE



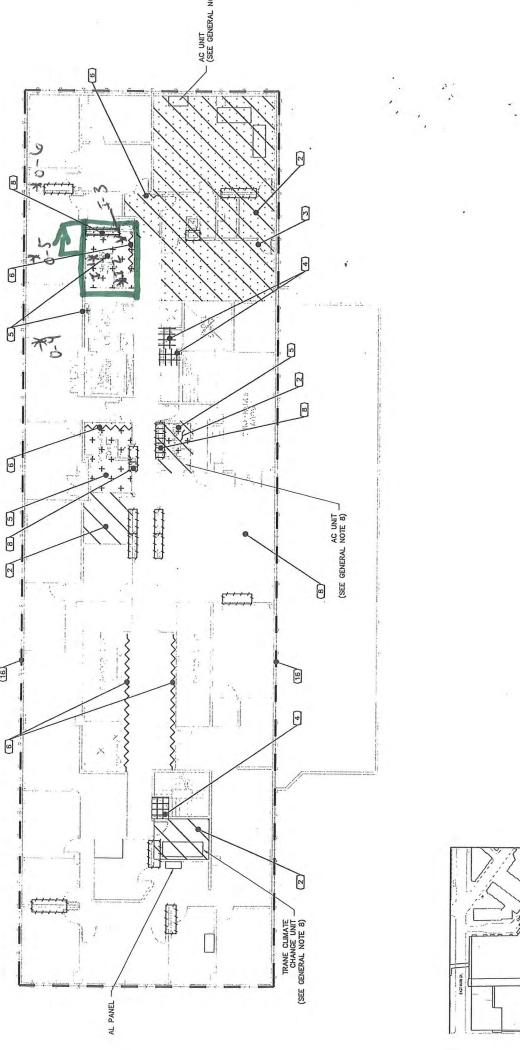
15th floor SE

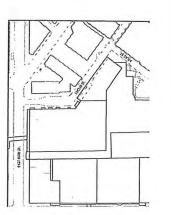


15th floor SE



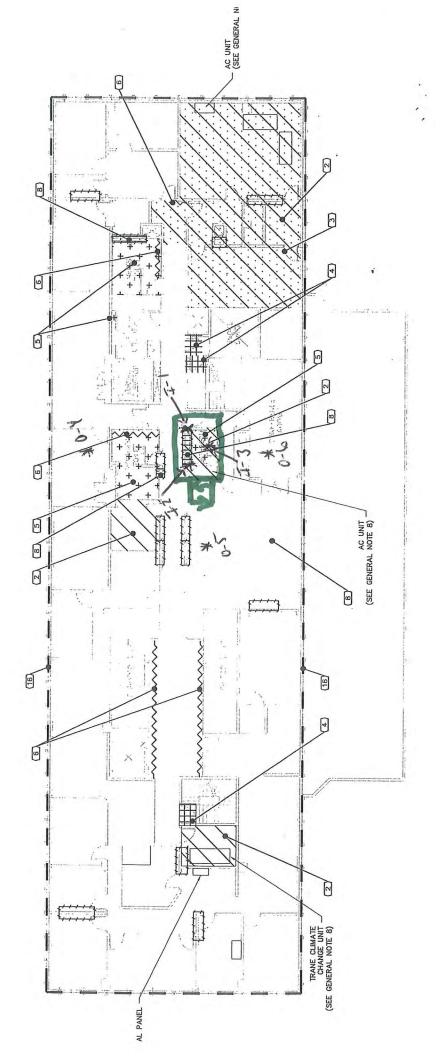
11 9/09 Tent

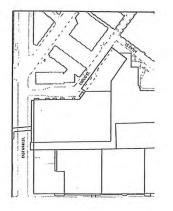




15th Floor Tent *2

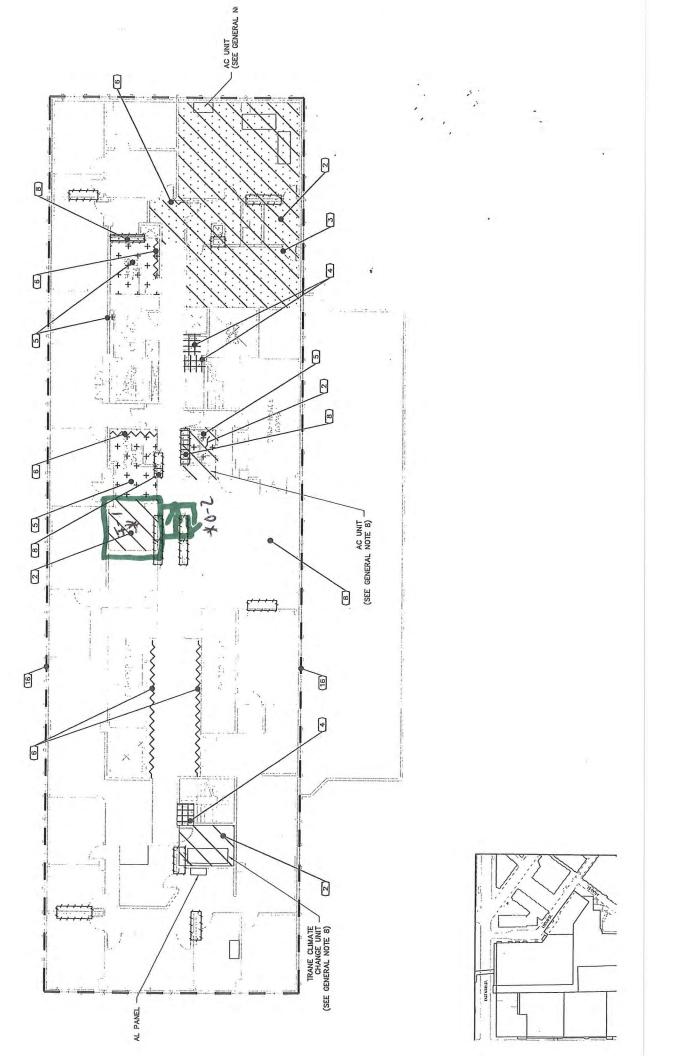
final An Samples 11/9/09



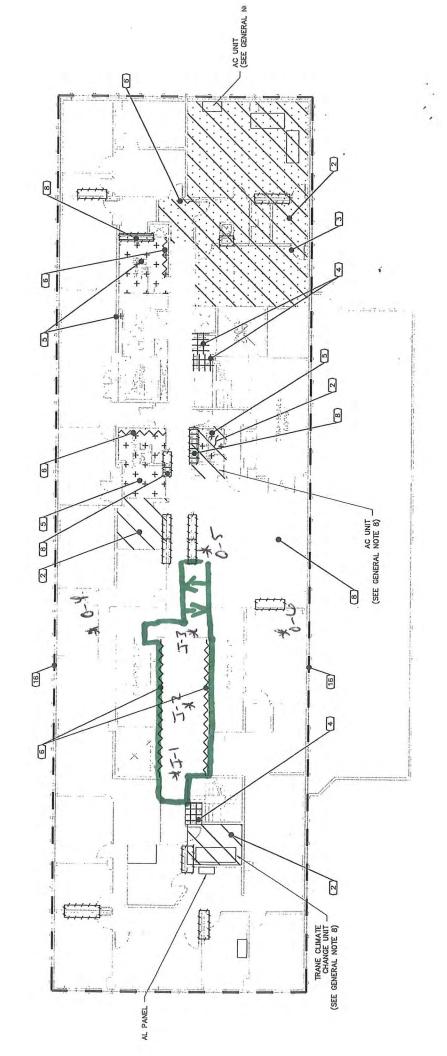


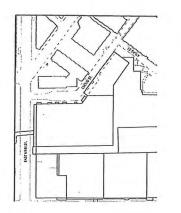
15 to 15 + 51

firmly Samples



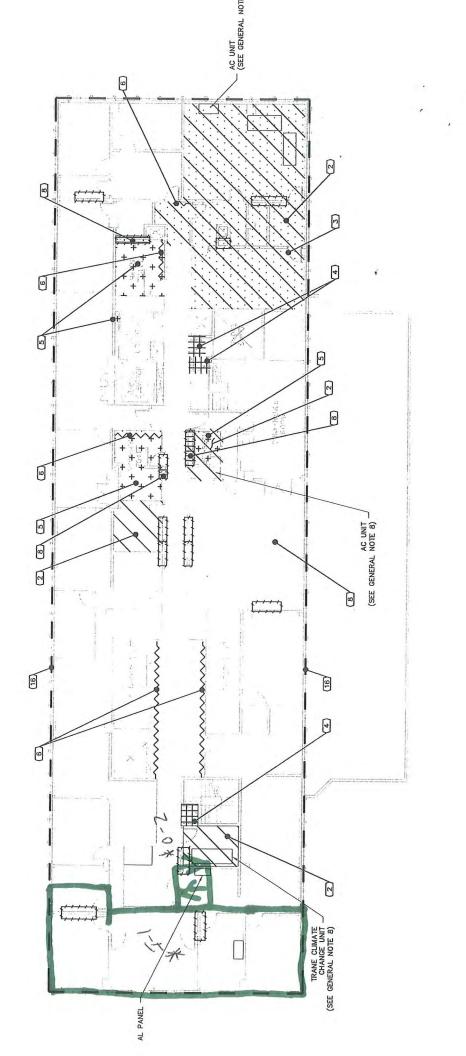
11 9 09

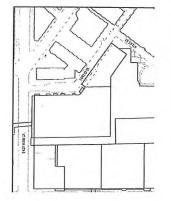




15th Fly Tent "5

final Aw Samples 11/9/09





P.M. Logs & FVI Misc. Sampling



NAME: TED TROWES DATE: 08/27/69

Contract # Liro Job #:

HOURS: 0700 1530 TASK: P.M.

HOURS:	0700 -	1530	TASK:	P.M.

TIME	ACTIVITY		
0700	ON STIE. Met W/ DARRYL AND MARK FOR WORK UPDATIES.		
	UNION WORKERS ON 2 MFWOR MAKE CONTENUTAL SELECTIFIED BE MO AND 2 ON 1 ST FLOOR		
	REMOVERY BULBS IN STORES. 2 MAINT. WURKERS PACKING BULBS INTO BOXES.		
	CAMBRIA WORKERS ON 11TH then 1477 DOTAL CLEAR UP AND SECECTICK DEMD.		
0800	BACKGROUNDS SET UP ON 15 TH FLOOR.		
0830	START WALK THEN OF 15T FLOOR MALL FOR LEFT OVER LEGHT BUBS		
	AND OTHER HAZ. MAT.		
1130	NO CERCERUS AT THES TIME FOR LIGHT BULBS AND HAZ. MATERIALS,		
	LIGHT BULBS CEST IN PLACE FOR 3 STORES THAT ARE BEITH		
	USED AS STORAGE /STAGITH AREAS POLD EAST SIDE BACK CORRIDOR.		
130D	OCD WEGMANS STORE HAS SHOWNE HOLES AND A TRENCH ARRA, SO BILL B.		
	TOUS WORKERS TO STAY OUT OF AREA UNTIL HOLES ARE FILLED OR TOPPED		
	OFF, - ALSO IB-BACKGROUNDS FOR 15 TH FLEER GUELTES> RECEIVED		
	CAIL FROM LAB THAT AIR SAMPLE THAT I RAW YESTER DIAY (08/25/09) WERE HIGH.		
	TOLD DARRYC R. AND BILL B. OF LALL FROM LAB.		
1500	CONTENTED TO WALK THEY OF 15 FLOOR MAIL.		
1530	OFF SITE		

		Daily Summary Report		
		NAME: Dave Parker	De l	DATE: 10/21/09
		Contract #	<i>r</i>	Liro Job #:
LiRo Engine	- Inc	HOURS:0700-1730		TASK:PM
Liko Engine	ers, Inc.			
TIME	ACT	IVITY- Midtown Tower		
0700		e/ set up phase IIB air samples at ously stated.	3 LPM. A	ll samples are in same locations as
There are currently 2 workers loading out ACM debris from active area. There are 2 workers on the 15 th floor building a personal decon unit for the 15 th floor SE area. This area will require air samples at the completion of the decon assembly. There is currently one worker on the 13 th floor cleaning up water leaking from the 14 th floor. On the 14 th floor there is currently 14 workers power washing beams and deck. On the 12 th floor there are 6 workers cleaning				
1000	floor and pulling up old poly. Workers loading out ACM waste have finished. They loaded 16 boxes and 10 barrels into a trailer at the old Wegmans loading dock. Workers are now on the 12 th floor helping crew clean and prep the floor for power wash phase. There are now a total of 8 workers on the 12 th floor. All other workers remain in same spots as earlier stated.			
1115	Inspected trailer to make sure all boxes and barrels are properly sealed and have proper signage. Boxes are watertight with no visible leaks. All barrels are also sealed tight at the top with no possibility for leaks. All boxes and barrels have proper asbestos signs.			
1200	Inspected work on the 15 th floor to insure decon is up to code rule 56 standards. Workers are building the decon unit to fit up to 12 workers. So far the decon looks good and I have no concerns at this time.			
1300	Lunch and paperwork			
1400	In area to inspect all work being completed. Workers on the 14 th floor are approx. 55% complete with power washing phase. While on the 14 th floor I noticed a spot on the south side of the floor on the ceiling that was missing the critical barrier. The piece of poly was on the floor and was probably blasted off with the power washer. I notified a worker who immediately remedied the situation. I have no concern with any potential contamination because the amount of water being used to power wash should contain any debris. This was the only problem I encountered in the area. 12 th and 13 th floor both look good.			
1530	washir becaus power contain up and takes t	ng the 14 th floor there are spots we the water is leaking into the act wash the 12 th floor there may be ment. Mark and Sergiy said extra into a waste container as fast as o insure no leakage. At this point	where spent tive area. No leakage do ra guys woo possible. To t I can only	O. and Sergiy. While the crew is power water is leaking down. This is not a concern My concern is that when the crew begins to own to the 11 th floor which is not under all did be used to make sure water gets picked they assured me they would do whatever it wait and see how it goes. Lete and no leakage from 12 to 11 has yet to

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

LiRo Engineers, Inc.

NAME: Dave Parker	DATE: 10/22/09
Contract #	Liro Job #:
HOURS:0700-1730	TASK:PM

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



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

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

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

Lika Engineers. Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

 NAME: Dave Parker
 DATE: 10/26/09

 Contract #
 Liro Job #:

 HOURS:0700-1730
 TASK:PM

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

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

LiRo Engineers, Inc. TIME ACT

and do not appear to have any leakage.

Daily	Daily Summary Report			
NAME: Dave Parker	DATE:10/28/09			
Contract #	Liro Job #:			
HOURS:0700-1730	TASK: PM			
ers, the.				
ACTIVITY- Midtown Tower				
On site/ set up all phase IIB air samples. B floor SE area have been set up. All pumps previously stated.	Both the 12 th , 13 th and 14 th floor area and the 15 th are set at 3 LPM and are in same locations as			
Inspected the personal decontamination uncritical barriers on the 15 th floor SE area to the area above ceiling level there is a critical when measured off the area is larger than Sergiy and another worker quickly remediture up to code and remaining critical bar start removal in this area.	nit as well as the waste decontamination unit and all o make sure all are up to code. At the north side of cal barrier that appears larger than 32 square feet. 32 sq ft and therefore needs to be hard walled. ed the situation. The decon and waste decon both criers are all properly sealed. The crew is good to ea there is 1 worker outside of containment loading			
supplies and assembling Gaylord boxes. C	On the 13 th floor there are 15 workers doing a r there are 8 workers removing tile and membrane			
There are 5 workers on the 15 th floor doing ceiling plaster. The area should only take a	g bulk removal. This area has 3 rooms containing approx 1 day for bulk removal and 1 to 2 days for complete with bulk removal now and will continue a area.			
Workers in the 12 th floor area are continuing to clean. Most membrane (90%) has been removed in the area and majority of crew is now cleaning all beams, deck and pipes. Crew was told that pigeon holes will be difficult to clean but must be cleaned very well. I showed Louis common places were material tends to become lodged out of site in order to help with the clean. The crew seams to be doing a good job in areas that have been cleaned. It is difficult to put a percentage on the progress because material cannot be seen. For the next few days I will be in area to point out any missed debris.				
Lunch and Paperwork.				
grid on the east end of the area is difficult	s for bulk removal of ceiling plaster. The ceiling to remove. Crew is working as fast as possible and mal debris. Area is adequately wet I have no me.			
Organized all air monitoring logs, chain of logs are now in a binder for easier access t	f custodies and project monitor logs for Ted. All to all paperwork.			
18 boxes were loaded out of 12 th floor area	a as well as 6 boxes from the 15 th floor SE area. I erly sealed and labeled. All boxes are good to go			

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

Midtown Plaza Complex Asbestos Abatement Daily Summary Report NAME: Dave Parker DATE:10/29/09 Liro Job #: Contract # HOURS:0700-1730 TASK: PM LiRo Engineers, Inc. **TIME** ACTIVITY- Midtown Tower On site/ set up all phase IIB air samples for 12th, 13th and 14th floor area and the 15th floor SE 0700 area. All samples are set up at 3 LPM. All samples are in same locations as previously stated. At active containments to check location of all workers. At the 12th floor area there is currently 1 worker outside of containment loading out boxes from the 13th and 14th floor. There are 13 0800 workers on the 13th floor cleaning area as well as 10 workers on the 14th floor also cleaning. At the 15th floor SE area there are currently 5 workers continuing removal of ceiling plaster. 0930 Sergiv said the crew will also demo some parts of the interior wall to check for any pipe fittings that may need to be removed. Crew on the 15th floor said they are not getting any water to the area. Workers stopped removal and the maintenance guys were called to the 17th floor where the water is being fed 1030 from to remedy the situation. Water was restored to the area by about 1130. Workers continued removal when water problem was fixed. 1200 Lunch and Paperwork. 1 worker in the 12th floor area has moved from the 13th floor to outside the containment to help 1300 with supplies and boxes. There are now 2 workers outside of containment, 12 workers on the 13th floor cleaning and 10 workers on the 14th floor cleaning. There are still 5 workers in the 15th floor SE containment continuing bulk removal of ceiling plaster. Workers are also opening potions of the wall but no fittings have been found so far. Workers are about 90% finished with bulk removal and will finish by the end of the day. 1400 Workers will also remove floor tile and mastic in this area as well. There is approx. 60 sq ft of floor tile and mastic in this area. Workers will remove this material tomorrow and complete cleaning phase on Monday. If all goes as planned crew will be ready for the final visual inspection on Tuesday, 11/3/09. At office discussing project status and progress with Ted. Also completed day's chain of 1530 custody and air monitoring log. Began breaking down all IIB air samples. 2 pumps were running below 3 LPM. See chain of 1700 custody for details. All samples will be submitted to Paradigm on my way home. 1730 Off site.



Midtown Plaza Complex Asbestos Abatement

$\supset \backslash$	Daily Summary Report				
	NAME: Dave Parker	DATE:10/30/09			
	Contract #	Liro Job #:			
ers, Inc.	HOURS:0700-1530	TASK: PM			
crs, Inc.					
ACTI	VITY- Midtown Tower				
	e/ set up all phase IIB air samples at 3 LPM usly stated.	I. Set up all pumps in same locations as			
At action there a and shourren floor the well.	At active work area to check location and activities of all workers. In the 15 th floor SE area there are 5 workers removing floor tile and mastic. Area of floor tile and mastic is not that big and should be complete by the end of the day. In the 12 th , 13 th and 14 th floor area there is currently 1 worker outside containment getting supplies and assisting the crew. On the 12 th floor there are currently 13 workers cleaning, there are 10 workers on the 14 th floor cleaning as well. Workers have completed the detailed clean on the 13 th floor and I will inspect it shortly to find areas that need further attention.				
On the multip northe the hole found well. To notice these need to spots a overall next we the from P	e 13 th floor to inspect thoroughness of clean le areas of the floor I noticed that pigeon les. These holes will need to be cleaned against that beams that run along the decking, opportions will be another area that must be cleaned that the outside of the beams, nearest the same spots (beams opposite pigeon holes, possible addressed in the crews next cleaning point has begun to clean them as I inspected of I am impressed with the cleanliness of the eek when the crew is finished or near finish	osite the pigeon holes, have debris on them as ed again. In the same southwest corner I wall, have some debris still on them also. Digeon holes, outer beams and bolts) will hase. Louis from Cambria is aware of these other areas. Other areas were very clean and area. I will inspect the 14 th floor area early ned with clean up. to get out early. Most if not all of the crew is			
At the	office filling out today's paperwork.				
	Crew on the 15 th floor SE has finished removing floor tile and mastic on the floor in the area. The crew is beginning to clean up now and will do their cleaning phases on Monday.				
	Began breaking down all phase IIB air samples as crews are showering out of area. All pumps are still running at 3LPM. Samples will be submitted to Paradigm on my way home.				
Off site.					



 NAME: Dave Parker
 DATE:11/2/09

 Contract #
 Liro Job #:

 HOURS:0700-1730
 TASK: PM

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

	Gregory and Sergiy to let them know what Bill and I talked about. The crew will now take the poly down and address all beams surrounding the passenger elevators as part of this work area.		
1600	On the 17 th floor to inspect minor tents being built. The crew will build a total of 6 tents in this area. Tents 1, 2 and 3 all contain pipe fittings, tent 4 contains floor tile and floor tile mastic, tent 5 contains floor membrane and tent 6 contains mirror mastic. Crew will complete building of the tents tomorrow and begin removal in tents shortly after.		
1700	Began breaking down 12 th , 13 th and 14 th floor air samples. All pumps are still running at 3 LPM. Samples will be submitted to Paradigm on my way home.		
<i>1730</i>	Off site.		



NAME: Ted Tronnes	DATE: 11-03-09
Contract #	Liro Job #:
HOURS: 1100-1730	TASK: P.M.

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

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



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

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

	friable projects such as the ceiling plaster on the 15 th floor will require a small project decon and a 12 hour wait time. I feel confident with the crews plan and we should be able to have all 3 floors (15 th , 16 th and 17 th) cleared of asbestos in about 1 week.
1615	Final air samples for the 15 th floor SE area have passed. I notified Mark D. about results of final airs. Crew is beginning to break down area now. Decon will stay in place and be used as a remote decon for all tents on the 15 th , 16 th and 17 th floor. Crew has properly caution taped path to floors above. While on the 15 th floor I post inspected area to insure no asbestos was left behind in area. Area looked good and I have no concerns with any debris left behind.
1700	Began to break down all air samples for 12 th , 13 th and 14 th floor. All pumps are still running at 3 LPM. Samples will be submitted to Paradigm on my way home.
1730	Off site.



NAME: Dave Parker	HYLK	DATE: 11/4/09
Contract #	O'	Liro Job #:
HOURS: 0700-1730		TASK: PM

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



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NAME: Dave Parker	-DATE: 11/5/09
Contract #	Liro Job #:
HOURS: 0700-1730	TASK: PM

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

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

 Contract #
 Liro Job #:

 HOURS: 0700-1730
 TASK: PM

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TIME	ACTIVITY- Midtown Tower		
	All final air samples for 17 th floor have passed. I notified Mark D. and Sergiy about results. The crew can break down tents as soon as they like.		
0700	On site/ set up all phase IIB air samples for 12 th , 13 th and 14 th floor at 3 LPM. Samples are in same locations as previously stated.		
0800	Checked location of workers and work being complete. Currently there are only 4 workers in 12 th , 13 th and 14 th floor areas cleaning. On the 15 th floor there are 9 workers; 6 workers are prepping tents to be removed and 3 workers are removing in tents that are already prepped. On the 17 th floor there are currently 3 workers tearing down tents that passed final airs. On the 8 th floor there are 5 workers continuing to build the decon for 9 th and 10 th floor. 6 workers are on the 10 th floor doing selective demo.		
0900	Workers have finished final clean on all tents on the 16 th floor. Visual inspections will be completed after a 2 hour wait period.		
1000	Inspected work being completed on 15 th floor. Workers have checked multiple spots where membrane was supposed to be located and no membrane was found. I inspected area myself and found no membrane. Crew will not have to abate area. Crew is removing in all remaining tents. There are 5 tents on the 15 th floor to be abated.		
1100	All visual inspections have passed on the 16 th floor. Air samples will be set up shortly.		
1200	Lunch and Paperwork.		
1300	Set up all final air samples. Samples will be set up at 4 LPM and ran for 150 minutes for a total for 600 liters of air. Samples will be submitted to Paradigm on my way home.		
1430	Back and forth between 15 th and 16 th floor to check on progress on 15 th floor and final air samples running on 16 th floor. Crew on 15 th floor is still in removal stage. Final cleans for tents will begin shortly but will not be finished today. Pumps running on 16 th are in good shape with no drop in LPM.		
1530	Broke down final air samples for 16 th floor. And completed all necessary paperwork for samples. See maps for sample locations.		
1630	Spoke with Sergiy and Mark D. about crews plan for tomorrow. They will have half a crew here tomorrow to complete removal on 15 th floor. Time permitting I will run finals on this tomorrow as well. Crew will work until 15 th floor is complete.		
1700	Broke down all air samples. Pumps are still running at 3 LPM. All samples will be submitted to Paradigm on my way home.		
1730	Off site.		



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NAME: Dave Parker	DATE:11-07-09
Contract #	Liro Job #:
HOURS:0700-1430	TASK: PM

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



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

Liko Engineers, inc.

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

1730	Off site

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			Project Monitor Visual	Inspe	ction Rep	ort			
	4		As per 12NYCRR Part 56 ame				t .		
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Client//Owner (Print Name)			Client/Owner Representative (print name)						
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Abatement Contractor:			Supervisor (print name)			NYSDOL Asbestos Handling Certificate Nu	mber		
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Yes No Supervisors Visual inspection Completed?	Suns	rvisor Ci	ompleting Visual Inspection (print name)		NYSDOL Asbe	stos Handling Certificate Number	Date/T	іте	
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Dave Park	<u>~</u>		NYSDOL Asbestos Handling Certificate Num				Date	109	
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Inspectors Checklist	Need SAT Action		Visual Inspection	SAT	Needs Action N/A	Procedures/ Paperwork	SAT	Needs Action	N/A
Equipment	Not Req		Personal Decontamination Unit	Req	uired to Pass	Paperwork & Procedures	-	uired to	
1. Flashlight	Ø 0		22. Clean & Free of Debris & Dust	Q Q		42. Written Scope of Work (attached, 43. Verbal Scope of Work (see below			Ø
2. Knife or pointed object 3. Respirator	20 O		23. No Visible Pools of Liquid 24. No condensation	2 2		44. Supervisor Present	" ² 2.	, 🗆	
4. Hard Hat	a 0		25. All Isolation Barriers intact	ğ		45. Wait period observed			
5. Safety Glasses	d 0		Waste Decontamination Unit		uired to Pass				
6. Tyvex Suit			26. Clean & Free of Debris & Dust	包		Paperwork & Procedures 45. Area Asbestos Survey	No Dr	o t Req uir □	rea 🗆
7. Gloves Inspection	⊠ □ Not Req	uired:	27. No Visible Pools of Liquid 28. No condensation	Ø Ø		46. Sign into work area	ď		
8. Enter all Spaces		ianea 🗆	29. All Isolation Barriers intact	<u> </u>		47. Sign out of work area	Ø		
9. Inspect at Close Range	ē ō		Regulated Abatement Work Area	Req	uired to Pass	48. Entry into Supervisors Log	Q		
Areas to Inspect	Not Req		30. No Visible Pools of Liquid	Ø		49. Detail Findings	Æ		
10. Permanent Fixtures		_ 	31. No condensation 32. All Criticals intact	.D D		50. Enter Full Name 51. Enter AH Cert. Number	Æ		
11. Līght Fixtures 12. Ductwork		<u> </u>	33. All Isolation Barriers Intact	2		52. Worker Present	~ Ø		
13. Elevated Horizontal Surfaces	2 0	ā	34. No Unremoved Materials	ā			ĺ.		
14. Pipes	ø o		35. No Visible Debris	Ø					
15. Ceiling Grids/Sprinkler Heads		Ø	36. No Visible Dust	□*					
16. Conduits 17. Hauserman Channels			37. Examine Contractor Equipment 38. Negative Air in Operation	_ 		į			
18. Floor and Wall Penetrations	<u> </u>		39. No Debris or Water under Plastic	ū					
19. Creases & Folds in Criticals	ē ō		40. Completeness of Abatement**	B					
20. Walls & Comers	<u> </u>		41. Completeness of Clean-up**	Ø					
21. Floors	Z O	uritton.	scope of work prior to the visual inspecti	ion to ass	ure completen	ess of abatement and clean up		<u> </u>	
Deficiencies, Corrections or I			rlist all deficiencies and target compliance date		ara compreterio	oo o, abatomon ana sisan ap			
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Verbal Scope of Work (any verbal scope of	work supplie	d by the	contractor must be written below, if materials w	vithin the re	gulated are to rea	nain also state this).			7
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Project Monitor Signature	\leftrightarrow	15			Date/	Time 11/3/07			
	Area Clean	ed to or	oceed with Clearance Airs	FAIL		Area needs Reclean and Reinspection	n		
			oned site at the time and date the observ			7			
Inspection performed by certified proj	ect monitor.	scope	does not include full project monitoring re	esponsibi	ilities as defined	l by 12 NYCRR Part 56-3.2(d)(8).			
Inspection was performed in accorda-	nce with 12	NYCRR	? 56-9.1(d) & (d)(1) and ASTM document	t E-1386-0	05, (8.4.1 & 8.4	1.5). Visual inspections do not include il	nspections	behind,	
under or above crtical or isolation bar	riers. This ii	npsectio	on is the responsibility of the asbestos ab	atement's	supervior unde	er suopaπ 56-9.3 of ICR-56.			

On Date:

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		Project Monitor Vi	sual In	spec	tion R	ерс	ort			
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Building & Location:\/V	1iddown -	Tower 15th f	low	Lev	2f #1	,	Job Ticket# 3633	6		
Project Description	100/004 -	Work Area	<u> </u>	10.						
FSDC							Max Smith			
Client//Owner (Print Name)		Client/Owner Representative (print n	ame)		········		Client Contact (Print Name)			
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12. Ductwork		33. All Isolation Barriers Intact		Ø			52. Worker Present	Ø		
13. Elevated Horizontal Surfaces 14. Pipes		34. No Unremoved Materials 35. No Visible Debris		Ø Ø						
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19. Creases & Folds in Criticals		40. Completeness of Abatement		ð						
20. Walls & Corners 21. Floors		41. Completeness of Clean-up**								
Inspection requires a project monitor		·		to assu	re comple	tene	ss of abatement and clean up.			
Deficiencies, Corrections or	notes Briefly	list all deficiencies and target complian	nce dates							
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This report represents the condition Inspection performed by certified pr						finen	l by 12 NYCRR Part 56-3.2(d)(8).			
Inspection was performed in accord	dance with 12NYCRR	56-9.1(d) & (d)(1) and ASTM doc	cument E-	1386-0	5, (8.4.1 8	8.4	1.5). Visual inspections do not include insp	ections	behind,	
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On Date:

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	Project Monitor Visual Inspection Report													
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•											Max Smith			
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Yes 🖊 No 🗌			X	MAI	ee/	21 AW	色			\wedge	09-13704			
Supervisors Visual inspection Complete	d?	Superv	isor Co	mpleting Visual	Inspection (print name)			NYSDOL	Asbes	stos Handling Certificate Number	Date/Ti	me	
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Site Emergency Phone:	9	11												
Job Type: Class I] Clas	se 11	Ιχ	y L	ww/S									
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Job Size: Large □	-		K								Material ft ftm		Ln	Ft
Project Monitor Visual Ins	spection	on Cl	1eckl	·							Project with Multiple Removals		<u> </u>	
Section A				Section	n B						Section C			
Inspectors Checklist	SAT	Needs Action		Viewal Inor	action		•	ΑT	Needs Action	N/A	Procedures/ Paperwork	SAT	Needs Action	N/A
Equipment		t Requ		Visual Insp		mination Un			red to I		Paperwork & Procedures		ired to	
1. Flashlight	Æ			22. Clean &	Free of De	bns & Dust	4	≥			42. Written Scope of Work (attached)	oʻ		\blacksquare
2. Knife or pointed object	2			23. No Visib		Liquid		2 2			43. Verbal Scope of Work (see below)	4		
3. Respirator 4. Hard Hat	Ø Ø			24. No cond 25. All Isolat		s intact		<u> </u>			44. Supervisor Present 45. Wait period observed	包		
5. Safety Glasses	2			1 .		ination Unit			red to I	_		_	_	
6. Tyvex Suit	9			26. Clean &	Free of De	bris & Dust		⊋`			Paperwork & Procedures		t Requir	red
7. Gloves	Ø			27. No Visib		Liquid		<u> </u>			45. Area Asbestos Survey	묜		
Inspection		t Requ		28. No cond		n into at		<u>a</u> 1			46. Sign into work area 47. Sign out of work area	'er		
8. Enter all Spaces 9. Inspect at Close Range	. 🗖			29. All Isolat		s miaci ent Work Ari			red to f		48. Entry into Supervisors Log	9		
Areas to Inspect		t Requ		30. No Visib]-			49. Detail Findings	ā		
10. Permanent Fixtures	Ø			31. No cond			Î	<u>a</u>			50. Enter Full Name	Ø		
11. Lîght Fixtures			ø	32. All Critica				3			51. Enter AH Cert, Number	⅊		
12. Ductwork			Æ	33. All Isolat				3			52. Worker Present			
13. Elevated Horizontal Surfaces	Ø			34. No Unre 35. No Visib		terials		ช ว์						
14. Pipes 15. Ceiling Grids/Sprinkler Heads	Þ Þ			36. No Visibi				_ 						
16. Conduits			Þ	37. Examine		r Equipment		_ 	П					
17. Hauserman Channels			Ø	38. Negative			£	3	<u>-</u>					
18. Floor and Wall Penetrations	<u> </u>			i .		under Plasti	c {	3 5						
19. Creases & Folds in Criticals 20. Walls & Comers	2 2			40. Complete 41. Complete			į.	1						
21. Floors				41. Complet	eness or o	ican-ap		<u></u>			-			
Inspection requires a project monitor			vritten :	scope of work	prior to the	e visual inspe	ection to	assur	е сотр	letene	ss of abatement and clean up.			
Deficiencies, Corrections of	r notes	;	Briefly	list all deficienc	ies and targe	et compliance d	lates							
1.														
2.														
3.														
4.														
Verbal Scope of Work (any verbal scope	of work s	supplied	by the o	contractor must	be written be	elow if material	s within th	e rea	ulated an	e to ren	nain also state this).			
INIBAL SCO		c¥		IWIK	01.0-	54	Si	120	1	7		wi.	ŝ	4
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leman all	+ 1 (-	#thm	ih	5·VC>	are c		$\neg \sim$		130	-(MIR OU			
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Supervisors Signature	1/1/	al		Clast						Date/1	Time X 11-9-09			
	$\stackrel{\leftarrow}{\times}$	1	Λ	$\overline{\cap}$.4						1)			
Project Monitor Signature	6	1	te	H						Date/1	Time 11/5/5			
	(A)	Classo	110	ceed with Cle	arance Air	~	<i>E</i>	4 <i>IL</i>		3.31 1	Area needs Reclean and Reinspection			
This most someouts the senditible		,	<u> </u>								, and nood recieal and remspection			
This report represents the condition Inspection performed by certified pa										efined	l by 12 NYCRR Part 56-3.2(d)(8).			
Inspection was performed in accord	dance wi	ith 12N	YCRR	56-9.1(d) & (d)(1) and A	STM docum	ent E-13	86-08	5, (8.4.1	& 8.4	1.5). Visual inspections do not include ins	pections	behind,	
under or above crtical or isolation b	arriers.	This inj	osectio	n is the respo	nsiblity of t	he asbestos	abateme	nt's s	supervio	r unde	er subpart 56-9.3 of ICR-56.			

Copy delivered to:

On Date: By:

FVI form

	Project Monitor Visual Inspection Report								
		As per 12NYCRR Part 56 ame	nded Janu	uary 11, 2006					
Building & Location: (A	ridtoin:	Toul Str 4/6	xix d	ent#3	Job Ticket # 3633 MWK SmHL	6			
		Work Area			AA V Callo				
E SDC					MICH JUH				
Client//Owner (Print Name)		Client/Owner Representative (print name)			Client Contact (Print Name)				
Cambri h		X MARK DELAN	18		1 09-13704				
Abatement Contractor:		Supervisor (print name)		./	NYSDOL Asbestos Handling Certificate Numb	er			
Vac M Na	X	Man Delane		X	09-1270d				
Yes No Supervisors Visual inspection Completed	1? Supervisor Co	empleting Visual Inspection (print name)		NYSDOL Asbes	itos Handling Certificate Number	Date/Time			
Dave Vark		08-10920			(l	9/05			
Project Monitor (Print Name)	all	NYSDOL Asbestos Handling Certificate Num	ber			Date			
Site Emergency Phone:	7 * '								
Job Type: Class I 🛣	Člass II 🗀	2 hars							
Job Size: Large □	Small	Wait period dyration En	d Time of I	Final Clean	Material P.I.	(in) Ft			
• –	_	1			Project with Multiple Removals				
Project Monitor Visual Ins	респол спескі								
Section A		Section B	Ш		Section C				
Inspectors Checklist	Needs SAT Action N/A	Visual Inspection	SAT	Needs Action N/A	Procedures/ Paperwork	Needs SAT Action N/A			
Equipment	Not Required	Personal Decontamination Unit	Requi	red to Pass	Paperwork & Procedures	Required to Pass			
1. Flashlight		22. Clean & Free of Debris & Dust	<u> </u>		42. Written Scope of Work (attached)				
2. Knife or pointed object	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	23. No Visible Pools of Liquid 24. No condensation	Ź		43. Verbal Scope of Work (see below) 44. Supervisor Present	년 0 0 년 0 0			
3. Respirator 4. Hard Hat		25. All Isolation Barriers intact	Z)		45. Wait period observed				
5. Safety Glasses		Waste Decontamination Unit	_	red to Pass					
6. Tyvex Suit		26. Clean & Free of Debris & Dust	Æ		Paperwork & Procedures	Not Required			
7. Gloves	□ □ □	27. No Visible Pools of Liquid	Ø		45. Area Asbestos Survey				
Inspection 8. Enter all Spaces	Not Required -□ □ □	28. No condensation 29. All Isolation Barriers intact	<u> </u>		46. Sign into work area 47. Sign out of work area				
9. Inspect at Close Range	. 🖺 📙	Regulated Abatement Work Area		red to Pass	48. Entry into Supervisors Log				
Areas to Inspect	Not Required	30. No Visible Pools of Liquid	,⊒		49. Detail Findings				
10. Permanent Fixtures		31. No condensation	Ø		50. Enter Full Name				
11. Light Fixtures		32. All Criticals intact	A A		51. Enter AH Cert. Number				
12. Ductwork 13. Elevated Horizontal Surfaces		33. All Isolation Barriers Intact 34. No Unremoved Materials	5		52. Worker Present				
14. Pipes	ā 0 0	35. No Visible Debris	괻						
15. Ceiling Grids/Sprinkler Heads	Z 0 0	36. No Visible Dust	P						
16. Conduits		37. Examine Contractor Equipment	2						
17. Hauserman Channels 18. Floor and Wall Penetrations		38. Negative Air in Operation 39. No Debris or Water under Plastic	- ⁄2						
19. Creases & Folds in Criticals		40. Completeness of Abatement**	ē						
20. Walls & Corners		41. Completeness of Clean-up**	1						
21. Floors		seems of work prior to the visual inspecti	on to accur	m completene	es of abatement and clean up				
Deficiencies, Corrections or		scope of work prior to the visual inspecti- list all deficiencies and target compliance date		e completene	55 Or abatement and Gean up.				
1.									
2.									
3.									
4.				•					
Verbal Scope of Work (any verbal scope	of work supplied by the	contractor must be written below, if materials w	ithin the regu						
yerbul Scope	1	by Sergiy from	Cambr Vull	76. CX 56,	wis to unave a	U P.I. M			
given wer vi	K AWO	-) 4, be 1900	VVIC) w ·					
	. ~ 21				/				
Supervisors Signature	(1)crost	ne-		Date/1	Time 11-9-09				
- Spanish or organization	1100	:•		20.07	,				
Broingt Manitor Circusture	アアイナン	The state of the s		Date/1	Time 11/9/05				
Project Monitor Signature	1 TH								
PASS P	Area\Cleared to pro	ceed with Clearance Airs	FAIL		Area needs Reclean and Reinspection				
		ned site at the time and date the observ			1 h., 42 M/OBB Bod 52 2 2/2/20				
		does not include full project monitoring re 56-9 1(d) & (d)(1) and ASTM document			l by 12 NYCRR Part 56-3.2(d)(8). I.5). Visual inspections do not include insp	ections hehind			
under or above crtical or isolation be	arners. This inpsectio	n is the responsibility of the asbestos abo	atement's s	supervior unde	er subpart 56-9.3 of ICR-56.				

Copy delivered to:

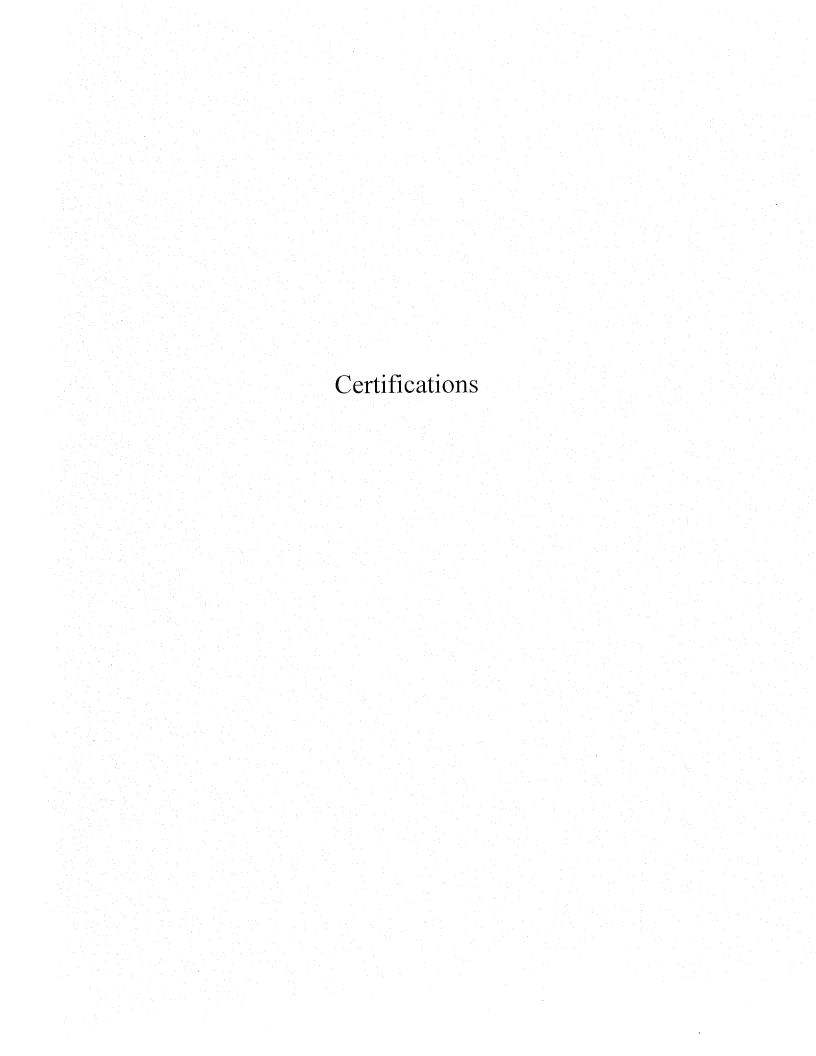
		Project Monitor Visual	Inspection Rep	ort	
	1	As per 12NYCRR Part 56 ame			
Building & Location: €	1 idton 7	Tone 15th flow	Level #4	Job Ticket# 3633	6
Project Description		Work Area			
€ 3DC				Mall Smith	
Client//Owner (Print Name)		Client/Owner Representative (print game)		1.7	
Cambria		X Marx DEVANTE		X 09-13704	
Abatement Contractor:		Supervisor (print name)	Λ	NYSDOL Asbestos Handling Certificate Number	∍ <i>r</i>
Yes ☑ No 🗆	V	MAKK DEKANTE	\mathcal{X}^{-}	09-13704	
Supervisors Visual inspection Completed	1? Supervisor Co	ompleting Visual Inspection (print name)	NYSDOL Asbe	stos Handling Certificate Number	Date/Time
Dave Park	'	08-10120		11	19/VS
Project Monitor (Print Name)		NYSDOL Asbestos Handling Certificate Num	ber		Date
Site Emergency Phone:	all				
Job Type: Class I	Class II	12 hours			
•	□ Small 🖼		d Time of Final Clean	Material Plaster mustic	€ Ln Ft
• -	- —	15 - 4			⟨€q Ln Ft
Project Monitor Visual Ins	рестоп Спескі			Project with Multiple Removals	
Section A		Section B		Section C	
Inspectors Checklist	Needs SAT Action N/A	Visual Inspection	Needs SAT Action N/A	Procedures/ Paperwork	Needs SAT Action N/A
Equipment	Not Required	Personal Decontamination Unit	Required to Pass	Paperwork & Procedures	Required to Pass
1. Flashlight	~ 0 0	22. Clean & Free of Debris & Dust	\$ 0 0	42. Written Scope of Work (attached)	
Knife or pointed object Respirator	48 0 0 12 0 0	23. No Visible Pools of Liquid 24. No condensation		43. Verbal Scope of Work (see below) 44. Supervisor Present	4, O O
4. Hard Hat		25. All Isolation Barriers intact		45. Wait period observed	
5. Safety Glasses		Waste Decontamination Unit	Required to Pass	,	
6. Tyvex Suit		26. Clean & Free of Debris & Dust	<u>a</u> o o	Paperwork & Procedures	_Not Required _
7. Gloves		27. No Visible Pools of Liquid	a 0 0	45. Area Asbestos Survey	
Inspection	Not Required √⊡ □ □	28. No condensation 29. All Isolation Barriers intact		46. Sign into work area 47. Sign out of work area	
8. Enter all Spaces 9. Inspect at Close Range		Regulated Abatement Work Area	Required to Pass	48. Entry into Supervisors Log	
Areas to Inspect	Not Required	30. No Visible Pools of Liquid		49. Detail Findings	
10. Permanent Fixtures	æ 🗀 🗆	31. No condensation	·Z	50. Enter Full Name	
11. Līght Fixtures		32. All Criticals intact		51. Enter AH Cert. Number	a 0 0
12. Ductwork		33. All Isolation Barriers Intact		52. Worker Present	4
13. Elevated Horizontal Surfaces 14. Pipes		34. No Unremoved Materials 35. No Visible Debris			
15. Ceiling Grids/Sprinkler Heads	1 0	36. No Visible Dust			
16. Conduits		37. Examine Contractor Equipment			
17. Hauserman Channels		38. Negative Air in Operation	a p		
18. Floor and Wall Penetrations	8 0 0	39. No Debris or Water under Plastic			
19. Creases & Folds in Criticals		40. Completeness of Abatement** 41. Completeness of Clean-up**			
20. Walls & Corners 21. Floors	2 0 0	41. Completeness of Clean-up		1	
Inspection requires a project monitor	or review of a written :	scope of work prior to the visual inspection	on to assure completene	ess of abatement and clean up.	
Deficiencies, Corrections or	* notes Briefly	list all deficiencies and target compliance date	S		
1.					
2.	<u></u>				
3.					
4.					
Verbal Scope of Work (any verbal scope	of work supplied by the	contractor must be written below, if materials w	ithin the regulated are to re		
yerbul Su	per given	by sergit from	Cambria.	Cre is to remain	all
Plaste and Mr	stic in 1	given over as po	er code n	le 86.	
11	- 7				
Summing Simon Win	(1) Want	<u></u>	Date/	Time 11-9-09	
Supervisors Signature	-1510 0000	/)	Date/	1 1	
	1011	\forall		111, 126	
Project Monitor Signature	->		Date/	Time (14/01	
PASS 🗮	Area Cleared to pro	oceed with Clearance Airs	FAIL 🗆	Area needs Reclean and Reinspection	
		ned site at the time and date the observ			
Inspection performed by certified pr	oject monitor, scope	does not include full project monitoring re	esponsibilities as defined	1 by 12 NYCRR Part 56-3.2(d)(8).	#
Inspection was performed in accord under or above crtical or isolation by	iance with 12NYCRR amers. This inosectic	56-9.1(d) & (d)(1) and ASTM document in is the responsiblity of the asbestos abo	ב-1386-05, (8.4.1 & 8.4 atement's supervior und	4.5). Visual inspections do not include insp er subpart 56-9.3 of ICR-56.	ecuons penina,
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On Date:

Copy delivered to:

	Project Monitor Visual Inspection Report										
			As per	12NYCRR Part 56 ame	en d ed Ja	nuary 11,	2006				
Building & Location: N	ماليه	<u> </u>	Tower	15th x/100		10.01	-	Job Ticket# 3633	6		
Project Description	1 Capac	<u>~`</u>	Work Area	سانه دا	~	acrd.		JOD TICKET # JOSS			
								make Sint	Un		
Client//Owner (Print Name)			Client/Owner Rep	presentative (print-game)				Client Contact (Print Name)			
. *			111/	~ 11	r.						
Cumban Abatement Contractor			V /VI/AK	(C) 2/Auri	ســـــــــــــــــــــــــــــــــــــ			X 09-13704 NYSDOL Asbestos Handling Certificate Numbi			
Abatement Contractor.		١.	1 I				١.	^	21		
Yes 🔽 No 🗌		Х	MAKE	DEVANORE			7	09-13704			
Supervisors Visual inspection Completed	l? Sup	ervisor Co	ompleting Visual Ins	pection (print name)		NYSDOL A	Asbes	tos Handling Certificate Number ¹	Date/Tir	пе	
Dave Park	/		Û	8-10120				61	19/1	υń	
Project Monitor (Print Name)	0 11	•	NYSDOL Asbesto	os Handling Certificate Num	nber				Date		
Site Emergency Phone:	911										
Job Type: Class I	Class	// [y how	5							
• .			Wait period du		nd Time o	of Final Clea	n	Material (T.T.		G.	<u> </u>
· · · · · · · · · · · · · · · · · · ·	Small	 	m nev D	SQ.					Sq	<u></u>) Ft
Project Monitor Visual Ins	pection	Спеск	, 			1		Project with Multiple Removals	\dashv		
Section A			Section E	3				Section C	Ш		
Inspectors Checklist	SAT Act		Visual Inspec	tion	SAT	Needs Action	N/A	Procedures/ Paperwork	SAT	Needs Action	N/A
Equipment	Not Re	quired	Personal D	econtamination Unit		uired to Pa		Paperwork & Procedures	•	ired to	
1. Flashlight	<u> </u>		1	ee of Debris & Dust	2			42. Written Scope of Work (attached)	12		
Knife or pointed object Respirator			23. No Visible F 24. No condens		4			43. Verbal Scope of Work (see below) 44. Supervisor Present	1		
4. Hard Hat			25. All Isolation					45. Wait period observed	Z		
5. Safety Glasses	<u> </u>			contamination Unit		uired to Pa	ss	,			
6. Tyvex Suit			1	ee of Debris & Dust	e			Paperwork & Procedures		t Requir	
7. Gloves			27. No Visible F	•	E M			45. Area Asbestos Survey	Ø Ø		
Inspection 8. Enter all Spaces	Not Re	•	28. No condens 29. All Isolation		<u> </u>			46. Sign into work area 47. Sign out of work area	Z Z		
9. Inspect at Close Range			i.	batement Work Area		uired to Pa	_	48. Entry into Supervisors Log	į		
Areas to Inspect	Not Re		30. No Visible F					49. Detail Findings	Z		
10. Permanent Fixtures	æ c		31. No condens		đ			50. Enter Full Name	Z		
11. Lîght Fixtures			32. All Criticals		Ø			51. Enter AH Cert. Number	Ø Ø		
12. Ductwork			33. All Isolation 34. No Unremo		Ø Ø			52. Worker Present			
13. Elevated Horizontal Surfaces 14. Pipes			35. No Visible D		2						<u> </u>
15. Ceiling Grids/Sprinkler Heads	ē i		36. No Visible D		<u> </u>						
16. Conduits		_	1	ontractor Equipment							
17. Hauserman Channels		_	38. Negative Ai			. 🗀	Z				
18. Floor and Wall Penetrations 19. Creases & Folds in Criticals				r Water under Plastic ess of Abatement**	2						
20. Walls & Corners		_	1 '	ess of Clean-up**							
21. Floors					<u> </u>						
Inspection requires a project monitor						sure comple	tene.	ss of abatement and clean up.			
Deficiencies, Corrections or	notes	Briefly	list all deficiencies	and target compliance date	s						
1.											
2.											
3 .											
4.											
Verbal Scope of Work (any verbal scope of	of work suppl	ied by the	contractor must be	written below, if materials w	ithin the re	egulated are t	o rem	аіл also state this).			
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P.I. in we-	Jic		lune Ses		Carl	role) ,	56:			
V.22. (V. 040-)(40-5)		CUCK	701		<u> </u>			\dashv
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✓ "	11 -	\sim	Q i .					Vu			-
Supervisors Signature	Mol	[]i[art			D	ate/T	ime X 11-9-09			İ
*		h a/	~ 12					1)		www	\neg
Project Monitor Signature	10	di	K _			ח	ate/T	ime 11 4/05			
	Area Clas	ma \ 10	cood with Class	ance Aire	EAU	<u> </u>		Area needs Reclean and Reinspection			\dashv
PASS A			oceed with Clears					Area needs iteclean and Reinspection			
This report represents the condition in Inspection performed by certified pro							fined	by 12 NYCRR Part 56-3.2(d)(8)			
								.5). Visual inspections do not include inspe	ections	behind,	
under or above crtical or isolation ba	mers. This	inpsectio	n is the responsi	blity of the asbestos abo	atement's	s supervior	unde	r subpart 56-9.3 of ICR-56.			

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STATE OF NEW YORK - DEPARTMENT OF LABOR ASBESTOS CERTIFICATE

DAVID TRARKER CLASS(EXPIRES) CATEC(05/10) TEM (05/10)

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

New York State Department of Freath Certificate of Aspestos 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) Name of Trainee (print) Date of Birth¹ Telephone Number Signature of Trainge ું Address Quehoste 14626 ΝÝ (Street or PO Box) (Zip Code) (City) (State) H = To be completed by Training Sponsor Telephone Number Provider's Name Cornerstone Training Institute Course 168প্ৰাছ্যুell Avenue Suite 200 Location: Rochester, NY 14606 NYS DOH use only J Initial 🔀 Refresher DOH Equivalency2 **Course Title:** Training Language: English Dates of Training: From: \triangle 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: (Signaturé) (Print) ²DOH Equivalency signed by NYS DOH representative only

Optional Information

DOH-2832 (10/03)

RESPIRATOR

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<u>)</u>.....

Employee's Name: Dave Parker Employee's Social Security Number: 5004 Fit Test Date: 10-27-04 Person Conducting Fit-Test: 7.7 Rowner Respirator Selected for Test: 600	Manufacture: North Model: 7600 Respirator Size: Mespirator Size: Mespirat	Was Rainbow Passage Used: Yes: No: Was Face Piece to Face Seal Obtained: Yes: No: Signature of Person Performing Fit Test:
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T-143 P003/004 F-28/ Service Date: 05/05/2008

Concentra Medical Centers (NY) 687 Lee Rd Suite 208 Rochester, NY 14608 Phone: (585) 458-7910 Fax: (585) 458-7507

Medical Surveillance - Asbestos

Patient:	Parker, David	_ Job Title:	Name of the Control o	
SSN:	XXX-XX-5004	_ Employer:	Envoy Environmental Services	
DOB:	05/04/1986	Address:	57 Ambrose St	
Gender:	M	_	11/4/1004045	
Marital Status:	S	_	Rochester, NY 146081215	
Address:	151 Hallbar Rd		: Shawn House : Primary Contact	
	A A A A A A A A A A A A A A A A A A A		: (585) 454-1060 Ext.:	
	ROCHESTER, NY 14626		; (585) 454-1062	
Home Phone:	(585) 255-0014	- I AA.	(000) 404 1005	
Work Phone:	Ext.:	- Race:	: ASIAN BLACK HISPANIC INDIAN WHI	re other
The above individ	dual was seen on 05/05/2009 in a	accordance with:	29 CFR 1926.1101. 40 CFR 763.121.	
Completic		edical questionnaire lal systems per Appe	e and work history with special emphasis directed endix D in 1926.1101.	to the
Review of represent	f the employer's description of: this ative or anticipated exposure level,	employee's duties as and personal protect	is they relate to the employee's exposure, the ention equipment to be utilized by the employee.	nployee's
	f information from previous medical			
A physica	ıl examination with emphasis upon t	he pulmonary, cardic	ovascular, and gastrointestinal systems.	
A gulmon	ary function test of forced vital capa SH and ATS standards.	city (FVC) and force	ed expiratory volume at one second (FEV 1) in ac	cordance
A-chest ro	oentgenogram, posterior-anterior, 14 8.1101. (M)(2)(ii)(C).	4x17 inches (or curre	ent film on file) with interpretation in accordance	with 29
NOTE: A		(2)(ii)(C), it is up to th	he discretion of the physician whether or not a ch	nest X-ray
from asb	loyee was informed by the physician estos exposure including the increas exposure.	n of the results of the sed risk of lung cance	e exam and of any medical conditions that may recept attributable to the combined effect of smoking	əsult J and
employee at an in	noted below, this evaluation indicate creased risk of material health impa employee concerning the use of per	irment from exposure	detected medical conditions that would place the re to asbestos, and there are no recommended uipment or respirator.	;
Comments or limit	tations (if any):			
All			MAG	NO CONTRACT
CONTRACTOR OF THE PARTY OF THE	Mu.	- drate 1	PAC 5-5-0	<u> </u>
	Provide	er Signature	Date	

Concentra Medical Centers (NY)

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

EMPLOYER AUTHORIZATION AND INFORMATION FOR RESPIRATORY EVALUATION

EMPLOYER TO COMPLETE THE FOLLOWING:	Address:	
	151 Hallbar Rd	a. r. entandopolitor y
Employee Name: Parker, David	DOGUESTED	NY 14626
	ROCHESTER	
Employer: Envoy Environmental Services	Employee SSN: XXX-XX-5004	
Check Type of Respirator(5) To Be Used (Check ✓ ALL that apply)	Extent of Useage (Check VA	LL that apply)
Air-purifying (non-powered)	On a daily basis Tot	al Hours
Atmosphere supplying Respirator	Occasionally - but not more	e than twice a week Total Hours
Combination air-line and SCBA	Rarely - or for Emergency !	situations only Total Hours
Continous-Flow Respirator	Expected Physical Effort Requ	ired (Check VALL that apply)
Supplied-Air Respirator	☐ Light ☐ Moderate	☐ Heavy
Open Circuit SCBA Closed Circuit SCBA		ials (Check ✓ ALL that apply)
Dust Mask 1/2 Face with Canisters Full Face with Canisters	<u> </u>	☐ Benzene
Make: Model: Cartridge:	∐ Arsenic	Cotton Seed / Dust
	Coke Oven	Formaldehyde
Special Work Conditions (Check Y ALL That Apply When Wearing Respirator)	Cadmium	Lead
	Methylene Chloride	Chromium
Figure 1997	☐ Textiles	
Tompower =	Other(s):	
Ouestionare will be: HAND CARRIED MAILED OTHER	EVALUATION AUTHORIZATION	N BY:
THE STATE OF THE S		Signature of Employer Representative
DO NOT WRITE BELOW THIS LINE DO NOT WRITE	BELOW THIS LINE	DO NOT WRITE BELOW THIS LINE
PLHCP WRITTEN STATEMENT for RESPI	DATORS (EMPLOYER)	
	RATORS (EMITEOTER)	
PHYSICIAN WILL COMPLETE THE FOLLOWING	or contact only. The Americans with Disal	hilities Act
This report may contain confidential medical information and is intended for the designated employ (ADA) imposes very strict limitations on the use of information obtained during physical examination	n of qualified individuals with disabilities.	All information
to the second second and a second forms in senerals files, and must be treated as a co	Onioential Medical record, with the rollowin	ng evechnous.
Supervisors and managers may be informed about necessary restrictions on the work or dulies	of an employee and necessary accommo	odation\$.
First aid and safety personnel may be informed, when appropriate, if the disability might require	s emergency treatment.	
Based upon my findings, I have determined that this individual (Check ALL that apply)	ם	
Employee must schedule a medical examination with Concentra Medical Center	s (NY) prior to respirator appr	roval and usage.
Class I - No Restrictions on Respirator Use		
Class II - Some Specific Use Restrictions	e or Escape Only Other:	
Class III - Respirator Use is NOT PERMITTED		
Further Yesting / Evaluation is Required. 2		
Fit Test Required Fit Test Performed Salisfactorily		
Fit Test Redormed Usestiefectorily Fit Test NOT Performed at. Concent	ra Medical Centers (N)	
Special prescription eyewear needed to accommodate respirator	rescription eyewear needed to accommod	ate respirator
Facial hair needs to be shaved to assure tight seal on certain face masks.		
les the second forward Mantheore Professional		
Physician or other Licensed Heathicare Professional Employee must seek further medical evaluation by a private physician who must submit a repo	nto <u>Concentra Medical Cen</u>	ters (NY)
of his/her findings to		
(Check ✓ ALL that apply)		
NOT at the invitation HAS been examined for respirator fitness in accordance with 29 CFR 19	910.134. This limited evaluation is specific	to respirator
use only. Employees should be instructed to report any difficulties in using respirators or chan	ige of any physical status to their supervis	or or physician.
Oungling of the Parameters Oungling of the Parameters of the Param		
	medical evaluation consisted of a review	of OSHA's Medical Evaluation
- v · · · · · · · · · · · · · · · · · ·	ited evaluation is specific to respirator mas	Only, Chiploydes would be mentered
to report any difficulties in using respirators or change of any physical status to their supervisor	or or physician. This evaluation included to	ne respiratory deconstruits
outlined in 29 CFR 1910.134. In accordance with specific OSHA requirements, I have informed the above named individual	of the results of this evaluation and of any	y medical conditions resulting from
In accordance with specific OSHA requirements, I have informed the above named such that may require further explanation or treatment. Where applicable, the above named such that may require further explanation or treatment.	med individual has been informed of the ir	acreased risk of lung cancer
exposures that may require further explanation of industries. Where approaches that may require further explanation of industries that and/or other chemical exposures that may require further explanation of industries that may require the explanation of the explanation of industries that may require the explanation of the explanation	sure(s).	
Allippianis to the continues and of Am 2001		
Physician's Signatura	Physician's Name	(Printed)
Physician's Signature	• • • • • • • • • • • • • • • • • • • •	
Blue in India Licenses Number (Optional in Most States)	Date of Exam	Expires On
Physician's License Number (Optional in Most States)		4.4.4.555000000000000000000000000000000
r_plhcp_stmt_resp_employer Page 1 of 1		Print Date: 05/05/2009
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

THEODOREALTRONNES 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) Name of Trainee (print) Date of Birth¹ Address 4616 WGLISH B. 20 (State) (Zip Code) (Street or PO Box) (City) II - To be completed by Training Sponsor Telephone Number Provider's Name Cornerstone Training Institute Course 1680 Lyell Avenue Suite 200 Location: Zip Rochester, NY 14606 NYS DOH use only Course Title: PROJECT MONETOS Initial | Refresher DOH Equivalency² Exam Grade/Date: Training Language: X English 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) (Signatúre) ²DOH Equivalency signed by NYS DOH representative only

Optional Information

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. 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 Trainee Address 320 (Zip Code) (Street or PO Box) (City) II - To be completed by Training Sponsor Telephone Number Provider's Name Course Location: Zip Code NYS DOH use only Initial X Refresher DOH Equivalency² **Course Title:**

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: (Signature) (Print)

Other:

DOH-2832 (10/03) Optional Information

Training Language: K English

Dates of Training: From:

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

Exam Grade/Date

Expires: 🖺

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

IMPLOYER TO COMPLETE THE FOLLOWING:	Address:	
Employee Name: Tronnes, Theodore A.	320 English Rd	
Employee Manie. Honned, Frieddon	ROCHESTER N	14616
	Employee SSN: XXX-XX-5897	
Employer: Envoy Environmental Services	Extent of Useage Check ✓ ALL that	t apply)
Check Type of Respirator(s) To Be Used (Check ✓ ALL that apply)	On a daily basis Total Hours	
Air-purifying (non-powered)	Occasionally - but not more than to	vice a week Total Hours
Atmosphere supplying Respirator	Rarely - or for Emergency situation	is only Total Hours
Combination air-line and SCBA	Expected Physical Effort Required	(Check / ALL that apply)
Continous-Flow Respirator		Heavy
Supplied-Air Respirator Onen Circuit SCBA Closed Circuit SCBA	Exposure to Hazardous Materials	•
☐ Open Circuit SCBA ☐ Closed Circuit SCBA ☐ Dust Mask ☐ 1/2 Face with Canisters ☐ Full Face with Canisters		
Make: Model: Cartridge:		Benzene Cotton Seed / Dust
		Formaldehyde
Special Work Conditions (Check YALL That Apply When Wearing Respirator)		Lead
Death ative Clathian	THE WASHINGTON	Chromium
I Figh Places II Enclosed Fisher	- J CXIIIOO	
Temperature Extremes Commonly Commonly	Other(s):	
Uother: Ouestionare will be: ☐ HAND CARRIED ☐ MAILED ☐ OTHER	EVALUATION AUTHORIZATION BY: _	nature of Employer Representative
####		nature of Employer Representative T WRITE BELOW THIS LINE
DO NOT WRITE BELOW THIS LINE DO NOT WRIT	E BELOW THIS LINE DO NO	T WRITE BELOTT THE ENT
PLHCP 1 WRITTEN STATEMENT for RESI	PIRATORS (EMPLOYER)	
This report may contain confidential medical information and is intended for the designated examina (ADA) imposes very strict limitations on the use of information obtained during physical examina must be collected and maintained on seperate forms, in seperate files, and must be treated as a Supervisors and managers may be informed about necessary restrictions on the work or duton and safety personnel may be informed, when appropriate, if the disability might request and and safety personnel may be informed, when appropriate, if the disability might request and and safety personnel may be informed, when appropriate, if the disability might request as a serious and safety personnel may be informed, when appropriate, if the disability might request as a serious as a serious and safety personnel may be informed, when appropriate, if the disability might request as a serious as a serious and safety personnel as a serious and safety personnel as a serious as a serious and safety personnel as a serious as a serious and safety safety and safety safety safety as a serious and safety sa	ities of an employee and necessary accommodations uite emergency treatment. IV) Pers (NY) prior to respirator approval and the second content of the se	d usage.
(Valence and 11 Part apply)		
20 CEP	1910.134. This limited evaluation is specific to respi	irator
upo poly. Employees should be instructed to report any difficulties in using respirators of co	range of any physical status to their supervisor or ph	ysician.
This evaluation included the Respiratory Questionnaire outlined in 29 CFR 13 to 154.	ate magical avaluation consisted of a review of OSH/	A's Medical Evaluation
The above individual HAS NOT been examined by me for respirator littless. The employer	limited evaluation is specific to respirator use only. E	mployees would be instructed
Questionnaire in Appendix C Part A Section 2. In accordance with 29 GFR 1910.134, titls to report any difficulties in using respirators or change of any physical status to their super	visor or physician. This evaluation included the Resp	iratory Questionnaire
outlined in 29 CFR 1910.134.	the state avaluating and of any medic	at conditions resulting from
outlined in 29 CFR 1910.134. In accordance with specific OSHA requirements, I have informed the above named individ	named individual has been informed of the increaser	d risk of lung cancer
exposures that may require further explanation of treatment. Where approximate the attributable to the combined effect of smoking and asbestos, lead and/or other chemical explanation.		
	Physician's Name (Print	ied)
Physician's Aignature Douglas MINCES, B.P.A C.		
Physician's License Number (Optional in Most States)	Date of Exam	Expires On
	Print	Date: 05/07/2009
r_pihop_stmt_resp_employer Page 1 of 1		sion Date: 06/29/1999

RESPIRATOR FIT - TEST RECORD

		777				rritant Smoke				
	7	-Test: 🔼 🖟		5.409		tative Type of Agent Used: <u>Irritant Smoke</u>	No:			
TED TRONNES	umber: 5897	Fit Test Date: 4-16-0% Person Conducting Fit-Test:	FULL FACE	Model:		Qualitative Type		Obtained: Yes:	ig Fit Test:	
me: 760	cial Security Nu	1-16-0% Person	cted for Test:	NOLTH	: Larete	Type of Fit - Test Conducted: Quali	Was Rainbow Passage Used: Yes:	Was Face Piece to Face Seal Obtained: Y	Signature of Person Performing Fit	
Employee's Name:	Employee's Social Security Number	Fit Test Date:	Respirator Selected for Test: _	Manufacture:	Respirator Size:	Type of Fit - To	Was Rainbow	Was Face Pieco	Signature of Pe	
	1									

Concentra Medical Centers (NY) 687 Loe Rd Suite 208 Rochester, NY 14506 Phone: (585) 458-7910 Fax: (585) 458-7507

Medical Surveillance - Asbestos

Patient:	Tronnes, Theodore A.	Job Title:				
	XXX-XX-5897	Employer:	Envoy Environmental Services			
DOB:	06/21/1979		57 Ambrose St			
Gender:						
Marital Status:			Rochester, NY 146081215			
	A. Comment of the Com		Shawn House			
Address:	320 English Rd		Primary Contact			
	ROCHESTER, NY 14616		(585) 454-1060 Ext.:			
Home Phone:	(585) 202-5733	Fax:	(585) 454-1062			
	Ext.:	Race:	ASIAN BLACK HISPANIC INDIAN WHITE OTHER			
	A state of the sta	Maco.	TOTAL BOTTON THE			
The following w	on and review of the standardized med	dical questiолпаіге	29 CFR 1926.1101. 40 CFR 763.121. and work history with special emphasis directed to the			
pulmonar	y, cardiovascular, and gastrointestinal	l systems per Appe	indix D in 1926.1701.			
Review of represent	f the employer's description of: this er ative or anticipated exposure level, ar	mployee's duties as nd personal protect	s they relate to the employee's exposure, the employee's ion equipment to be utilized by the employee.			
Review of information from previous medical examinations if available.						
A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems.						
A pulmonary function test of forced vital capacity (FVC) and forced expiratory volume at one second (FEV 1) in accordance with NIOSH and ATS standards.						
A chest ro	pentgenogram, posterior-anterior, 14x 6,1101. (M)(2)(ii)(C)	:17 inches (or curre	nt film on file) with interpretation in accordance with 29			
NOTE: A)(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 of estos exposure including the increase exposure.	of the results of the ed risk of lung canc	exam and of any medical conditions that may result er attributable to the combined effect of smoking and			
omployee at an in	noted below, this evaluation indicates creased risk of material health impairs employee concerning the use of perso	ment from exposur	detected medical conditions that would place the eto asbestos, and there are no recommended ipment or respirator.			
Comments or limi	tations (if any):	Acceptance of the Control of the Con				
		and the same of th				
A. A. Commercial Comme	/		7 17/2/20			
	70	17	<u> 91/10)</u>			
	Provider	Signature	Date /			

KIEW YORK STATE - DEPARTMENT OF LABOR

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

ASBESTOS HANDLING LICENSE

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

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

Triozzhia.

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 50). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material:

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

Maureen A. Cox, Director FOR THE COMMISSIONER OF LABOR

SH 432 (4-07)



National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Paradigm Environmental Services, Inc.

179 Lake Avenue Rochester, NY 14608 Mr. Bruce Hoogesteger

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

BULK ASBESTOS FIBER ANALYSIS (PLM)

NVLAP LAB CODE 200530-0

NVLAP Code

Designation / Description

18/A01

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

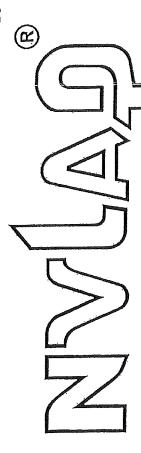
Samples

2009-07-01 through 2010-06-30

Effective dates

Sally S. Buce
For the National Institute of Standards and Technology

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



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 SAFETY AND HEALTH
LIGENSE AND CERTIFICATE UNIT
STATE CAMPUS BUILDING 12 ALBANY, NY 12240

ASBESTOS HANDLING LICENSE

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

E 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

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 local laws with regard to the conduct of an aspectos 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 asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

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

SH 432 (4-07)

NEW YORK STATE DEPARTMENT OF HEALTH WADSWORTH CENTER

RICHARD F. DAINES, M.D.



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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 Lead, Total Magnesium, Total Manganese, Total	EPA 6010B EPA 6010B EPA 6010B EPA 6010B	2,4-Dinitrotoluene 2,6-Dinitrotoluene Isophorone Nitrobenzene	EPA 8270C EPA 8270C EPA 8270C EPA 8270C EPA 8270C
Nickel, Total Potassium, Total Silver, Total Sodium, Total Metals II	EPA 6010B EPA 6010B EPA 6010B EPA 6010B	Pyridine Nitrosoamines N-Nitrosodimethylamine N-Nitrosodi-n-propylamine N-Nitrosodiphenylamine	EPA 8270C EPA 8270C EPA 8270C EPA 8270C
Aluminum, Total Antimony, Total Arsenic, Total Beryllium, Total Mercury, Total Selenium, Total Vanadium, Total Zinc, Total Metals III Cobalt, Total Thallium, Total	EPA 6010B EPA 6010B EPA 6010B EPA 7471A EPA 6010B EPA 6010B EPA 6010B EPA 6010B EPA 6010B	Petroleum Hydrocarbons Diesel Range Organics Gasoline Range Organics Phthalate Esters Benzyl butyl phthalate Bis(2-ethylhexyl) phthalate Diethyl phthalate Dimethyl phthalate Di-n-butyl phthalate Di-n-octyl phthalate	EPA 8015 B EPA 8015 B EPA 8270C EPA 8270C EPA 8270C EPA 8270C EPA 8270C EPA 8270C
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	Polychlorinated Biphenyls PCB-1016 PCB-1221 PCB-1232 PCB-1242 PCB-1248 PCB-1254	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.

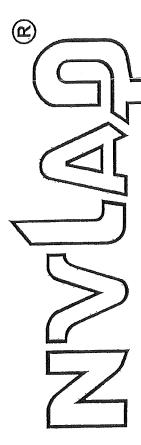
2009-07-01 through 2010-06-30

Effective dates

For the National Institute of Standards and Technology

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

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:

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



or the National Institute of Standards and Technold

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