Empire State Development Corporation

at

Midtown Plaza Asbestos Abatement
Midtown Tower
17th Floor
Rochester, New York

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

August 26, 2009 - November 5, 2010



REPORT PREPARED BY

Paradigm Environmental Services, Inc.

179 Lake Avenue, Rochester, New York 14608

F ()

Notifications & Quantities Cover Summary



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

June 7, 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, 17th 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 August 26, 2009. The project continued until completion of abatement as confirmed by satisfactory air samples and Final Visual Inspection on November 5, 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.

17th Floor	Total 17th Floor	Specified Tent Only
Material Type	<u>Original Survey Quantities</u>	<u>Verified Removal</u>
$\underline{\text{Quantities}}$		
Tent 1 Fittings on Fiberglass	90 Fittings	2 Fittings
Pipe Insulation		
Tent 2		
Fittings on Fiberglass	90 Fittings	3 Fittings
Pipe Insulation		

Tent 3

Fittings on Fiberglass

90 Fittings

14 Fittings

Pipe Insulation

Tent 4

Floor Tile/Mastic

0 Square Feet

120 Square Feet

Tent 5

Mirror Mastic

600 Square Feet

130 Square Feet

Fire Doors and Window Materials are still in place.

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

Sincerely,

Bruce Hoogesteger

Paradigm Environmental Services, Inc.

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

	NOTIFIC	CATION OF DEMOLIT	101171110 TICLITO WILLIAM	
Operator Project #		Postmark	Date Received	Notification
I. TYPE OF NOTIFICATION (O = C				
II. FACILITY INFORMATION (Iden	tify owner, rer	noval contractor, and	other operator)	
OWNER:	4 Companyila			
Upstate Empire State Developmen Address	t Corporatio	<u> </u>		• .
400 Andrews Street			I Stato:	ZIP:
City			State:	14604
Rochester Contact:				Tel:
Robert Kreuzer				(716) 882-5476
REMOVAL CONTRACTOR: Cambria Contracting, Inc.		•		
Address:				
5105 Lockport Road			State:	ZIP:
City: Lockport			New York	14094
Contact:				Tel: (716) 625-6690
William Eichhorn OTHER OPERATOR: None		_		
Address:				
City:			State:	ZIP:
Contact:				Tel:
III. TYPE OF OPERATION (D = De	molition / R =	Renovation):	-	
IV. IS ASBESTOS PRESENT? (Yes		Yes	·	
V. FACILITY DESCRIPTION (includ	e building nar	ne, number and floor o	or room number):	
Building Name:				
The Midtown Tower and Mail Address:				
140 Clinton Square - Midtown Plaz Address:	a			
Address:				10
City		•	State: New York	County:
Rochester Site Location:			New Tork	7 1119711 222
Mail Floors 1 & 2: Tower Floors 3 t	hrivah 18			
				Age in Veges
Building Size:	SqMeter:	SqFt:	# of Floors:	Age in Years:
538,000	SqMeter:	SqFt:	Prior Use:	48
538,000 Present Use:		XX	18 Prior Use:	48 II & Office Building
Fresent Use: Val. PROCEDURE, INCLUDING ANA OF ASBESTOS MATERIAL:	cant LYTICAL ME	XX	18 Prior Use:	48 II & Office Building
538.000 Present Use: Vac VI. PROCEDURE, INCLUDING ANA OF ASBESTOS MATERIAL: TEM (Transmission Electron Micro	cant LYTICAL ME	XX	18 Prior Use:	48 II & Office Building
538,000 Present Use: Va. VI. PROCEDURE, INCLUDING ANA OF ASBESTOS MATERIAL: TEM (Transmission Electron Micro	cant LYTICAL ME	THOD, IF APPROPRIA	Prior Use: Commercial Ma ATE, USED TO DETECT THE PRE	48 & Office Building SENCE
538.000 Present Use: Vac VI. PROCEDURE, INCLUDING ANA OF ASBESTOS MATERIAL: TEM (Transmission Electron Micro	cant LYTICAL ME scopy) E REMOVED	THOD, IF APPROPRIA	Prior Use: Commercial Ma ATE, USED TO DETECT THE PRE	48
538,000 Present Use: VI. PROCEDURE, INCLUDING ANALOF ASBESTOS MATERIAL: TEM (Transmission Electron Micro PLM (Polarized Light Microscopy) VII. APPROXIMATE OF RACM TO B	cant LYTICAL ME scopy) E REMOVED	THOD, IF APPROPRIA	Prior Use: Commercial Ma ATE, USED TO DETECT THE PRE	48 11 & Office Building ESENCE
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Present Use: Val VI. PROCEDURE, INCLUDING ANA OF ASBESTOS MATERIAL: TEM (Transmission Electron Micro PLM (Polarized Light Microscopy) VII. APPROXIMATE OF RACM TO B SPECIFY THE AMOUNT OF ASBES Pipes - Linear Feet Pipes - Linear Meters	cant LYTICAL ME scopy) E REMOVED	THOD, IF APPROPRIA	Prior Use: Commercial Ma ATE, USED TO DETECT THE PRE ASBESTOS MATERIAL THAT WII RACM to be Removed 9946	48 11 & Office Building ESENCE LL NOT BE REMOVED. Non-friable Asbestos Material not to be removed
Present Use: Vac VI. PROCEDURE, INCLUDING ANA OF ASBESTOS MATERIAL: TEM (Transmission Electron Micro PLM (Polarized Light Microscopy) VII. APPROXIMATE OF RACM TO B SPECIFY THE AMOUNT OF ASBES Pipes - Linear Feet Pipes - Linear Meters Surface Area - Square Feet	cant LYTICAL ME scopy) E REMOVED TOS BELOW	THOD, IF APPROPRIA AND NON-FRIABLE	Prior Use: Commercial Ma ATE, USED TO DETECT THE PRE ASBESTOS MATERIAL THAT WII RACM to be Removed 9946	48 & Office Building
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Present Use: Val VI. PROCEDURE, INCLUDING ANAL OF ASBESTOS MATERIAL: TEM (Transmission Electron Micro PLM (Polarized Light Microscopy) VII. APPROXIMATE OF RACM TO B SPECIFY THE AMOUNT OF ASBES Pipes - Linear Feet Pipes - Linear Meters Surface Area - Square Feet Surface Area - Square Meters Volume RACM off Facility Component	cant LYTICAL ME scopy) E REMOVED TOS BELOW t - Cubic Feet t - Cubic Mete	THOD, IF APPROPRIA AND NON-FRIABLE Thomas is a second of the second of	Prior Use: Commercial Ma ATE, USED TO DETECT THE PRE ASBESTOS MATERIAL THAT WII RACM to be Removed 9946 1,393,090 (Y) Start: 9/04/2009	48 & Office Building

NOTIFICATION OF DEMO	LITION AND RENOVATION (continued)	-D.
DESCRIPTION OF PLANNED DEMOLITION OR RENOVA	TION WORK, AND METHOD(S) TO BE USE	±υ:
Demolishing with excavator, wet methods, no visible emiss	sions	
XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERI	NG CONTROLS TO BE USED TO PREVEN	TEMISSIONS OF
ASBESTOS AT THE DEMOLITION AND RENOVATION S	ITE:	
XII. WASTE TRANSPORTER #1		
Name: Reccelli Trucking, Inc		
Address:		
P.O. Box 6401	State:	ZIP:
City: Syracuse	New York	13217
Contact Person:	Telephone:	
Lucille Nicholson	(315) 433-5115	
WASTE TRANSPORTER #2		
Name		
Cambria Contracting, Inc		
Address: 5105 Lockport Rd		7717-
City:	State: New York	ZIP: 14094
Lockport	Telephone:	
Contact Person: William Eichhorn	(716) 625-6690	
XIII. WASTE DISPOSAL SITE		
Nome		
Name: High Acres Landfill		
Address:		
425 Perinton Parkway	State:	ZIP:
City: Fairport	NY	14450
Telephone:		
(585) 223-6132 XIV. IF DEMOLITION IS ORDERED BY A GOVERNMENT AG	SENCY PLEASE IDENTIFY THE AGENCY I	BELOW
XIV. IF DEMOLITION IS ORDERED BY A GOVERNMENT TO		
Name:	Title:	
Authority:		
	Date Ordered to Begin (M	M/DD/VV) ·
Date if Order (MM/DD/YY):	Date Ordered to begin (wi	. וווטטוועו
XV. FOR EMERGENCY RENOVATIONS		
Date and Hour of Emergency (MM/DD/YY):		
Description of the Sudden, Unexpected Event:		
•		
	The state of the s	
Explanation of How the Event caused Unsafe Conditions or Se	nous Disruption of Industrial Operation.	
XVI. DESCRIPTION OF PROCEDURE TO BE FOLLOWED IN	THE EVENT THAT UNEXPECTED ASBEST	TOS IS FOUND OR
PREVIOUSLY NON-FRIABLE ASBESTOS BECOMES CRU	MBLED, PULVERIZED, OR REDUCED TO	POWDER:
Stop work, abatement following ICR 56 and OSHA		
XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PR	OVISIONS OF THE REGULATION MOCER	PART 61
CURRART AN MULDE ON SITE DURING THE DEMOLITIO	N OR RENOVATION AND EVIDENCE THA	I THE VEGOIVED HAVING
HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AV	/AILABLE FOR INSPECTION DURING NO	RMAL BUSINESS HOURS.
(Required 1 year after promulgation).		
Signature of Owner/Operator	Date	
XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS COR	RRECT.	
Signature of Owner/Operator	Date	

Signature of Owner/Operator

NOTICE DATE:

8/24/2009

NOTICE OF ASBESTOS ABATEMENT

PROJECT LOCATION:

Midtown Plaza Complex

140 Clinton Square

Rochester, New York

MIDTOWN TOWER FLOORS 3 - 18

CONTRACTOR:

CAMBRIA CONTRACTING, INC.

5105 LOCKPORT ROAD LOCKPORT, NY 14094

AH# 99-0468

MATERIAL:

514,100 sf

Spray-on /troweled Fireproofing

216,300

Ceiling systems

1,415 fittings Fiberglass pipe insulation

2,100 sf

Pipe Insulation

197,900 sf

Floor Tile/mastic

8,400 sf

Mirror Mastic

170 sf

Chiller Insulation

11.550 sf

Waterproof Membranes

1400 sf

Acoustical Plaster

135 sf

Caulk

5,200 sf

Roofing

Roof Flashing

11,000lf

Aluminum Panels with Caulk

5,960 sf 77 Doors

Fire Doors

15 ea

Elevator Components

1,417

Windows

PROJECT MONITOR:

ENVOY ENVIRONMENTAL CONSULTANTS

57 Ambrose Street

Rochester, NY Asb.Lic.# 28454

Lab: Paradigm Environmental Services

ELAP No. NY10958

STATING DATE:

9/4/2009

PROJECTED FINISH:

9/4/2010



Asbestos Project Notification

Type: Initial Notification

Project Reference Number: 25738034

Status: Notification Received

Notification Received: 8/24/2009

Payment Status: PAID

Number of amendments: 0

Notification Entered By: Cambria Contracting,

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

Sub-Contractor Details

Asbestos License Number: Name:

Night/Weekend/Shift Work Details

Party for Whom Work is being Performed

First Name:

Last Name:

Organization:

Upstate Empire State **Development Corporation**

Address Line 1:

400 Andrews Street

Apt./Suite:

Address Line 2:

City Town or Village:

Rochester

State:

Province: Zip Code:

Country:

United States

Contract Dollar Amount:

\$34,000,000.00

14604

Variance Information

Procedures and Type of Equipment and Ventilation Systems Used

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

Air Monitoring Firm

Asbestos License Number: Name:

28454 Envoy Environmental Consultants, Inc.

Laboratory Performing Analysis

ELAP Registration Number:

10958 Paradigm Environmental Services, Inc

Type of Asbestos Work

Pipe Related:

Yes

No

Clean up:

Siding:

Caulking/mastic:

No

Vessel covering:

Yes Yes

Yes

Spray-on insulation: VAT:

Yes

Roofing/flashing: Demolition:

Yes

Other-specify:

No

Demolition Ref#:

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

430 - 824 feet:

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

\$200 \$400

825 - 1649 feet: 1650 or more feet:

\$1000 \$2000 500 - 999 feet: 1000 or more feet: \$1000 \$2000

Remarks

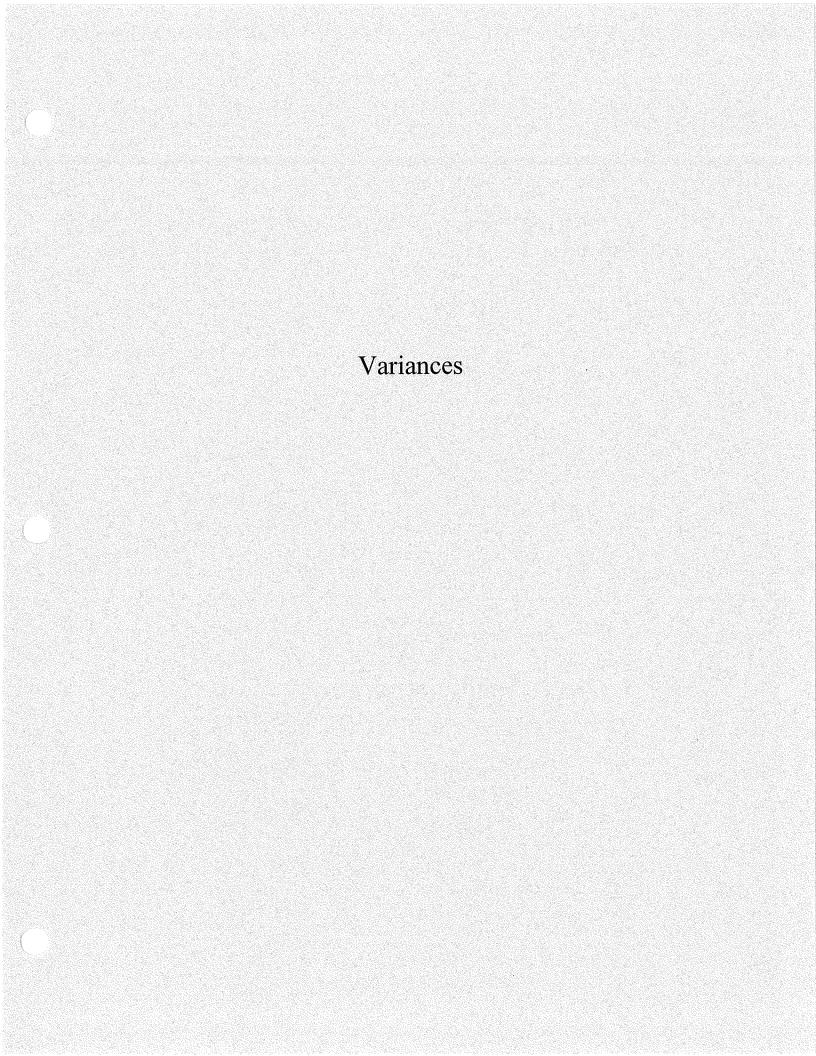
Windows with ACM Caulk - 1417 windows

Elevator Components - 15 each



Report of Asbestos Survey Services

Location/Area	Asbestos Containing Material	Approximate Quantity	Condition
t the			F-i-
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: 9/4/09

	Office:	
•	Location:	
	Floor:	Room
	Phone No.	Fax No: 716-408-956
	Name: CHRIS Arows	
FROM;		
, •	Office: Engineering Services	T W WATER CONTROL OF THE PARTY
, ,	Location: Bldg 12 Room 159, S	tate Campus, Albany, NY 12240
	Phone No: 518-457-1536	
	Fax No; 518-457-1301	
OMMENTS: _	MARIANCE DECISION	As piscurised
· .		
	HAMPLON SHALL	I FOUND UP US MAIL
-		,

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

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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

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

Page 3 of 3

File Number 09-0796

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

- 7. All reusable tent enclosures shall be disposed of as ACM at the conclusion of the entire asbestos project.
- 8. Usage of this variance is limited to those asbestos removals identified in this variance or as outlined in the Petitioner's proposal.

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

GENERAL CONDITIONS

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

Date: September 4, 2009

M. PATRICIA SMITH COMMISSIONER OF LABOR

Ву

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

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

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

NYS LABOR-ENG. SVCES

Page 1 of 1

Alonge, Christopher G (LABOR)

16:37

From:

09/04/2009

Robert Barr [rob@56services.com]

Sent:

Friday, September 04, 2009 1:43 PM

To:

Alonge, Christopher G (LABOR)

Cc:

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

Subject:

Midtown Tower Mall Variance clarifications V7

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

Mr. Alonge,

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

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

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

Thank you,

Rob

Robert Barr

716.341.8601





16:37



09 796

04 September 2009

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

RE: Midtown Plaza – Mall and Tower Variance Application Clarification

Dear Mr. Alonge,

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

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

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

Sincerely,

Robert Barr

NYS Project Designer #93-19183



Iob No: 10690-09

Page: 1 of 2





179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3313

PLM & TEM BULK ASBESTOS REPORT

Client Location: LIRo Engineers, Inc.

Midtown Plaza

Rochester, New York

				PLM Asbestos	PLM	Ņ		TEM	PLM	PLM
e):	r 175	Committee Landing	D	Fibers Type &	Total	0	Fibers Type &	Total	Non-Asbestos	Matrix
Client ID	Lab ID	Sampling Location	Description	Percentage	Asbestos	B	Percentage	Asbestos	Fibers Type &	Materia
						L			Percentage	%
MM-01	75993	Znd Level - West	Black Wire	Inconclusive	0%	T	None Detected	<1.0%	None Detected	100%
			Covering	No Asbestos Detected		۷				
MM-02	75594	2nd Level - East	Blue Wire Covering	Inconclusive	0%		None Detected	<1.0%	None Detected	100%
				No Asbestos Detected		٧				
MM-03	75595	1st Level - West	Red Wire Covering	Inconclusive	0%		<1.0% Residue	N/A	None Detected	100%
				No Asbestos Detected		٧	Remaining TEM not Required			
MM-04	75596	1st Level - Bast	White Wire	Inconclusive	0%		None Detected	<1.0%	None Detected	100%
			Covering	No Asbestos Detected		۷				
MM-05	75597	1st Level - East	Black Wire	Inconclusive	0%		None Detected	<1.0%	None Detected	100%
_			Covering	No Asbestos Detected		٧				
MM-06			Joint Compound	None Detected	0%		Not Required	N/A	Cellulose < 1.0%	100%
.		(Rainbow Plus)	, ,	7(14)		_		4	1	
				* (Applications)	((XEI)XI)				- Comment	7711
						1			- IXII	
		·		The state of the s			. ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			

Lab Code 200530-0 for PLM Analysis

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-frieble 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-ashestos containing.

PLM Date Analyzed:

9/3/2009

TEM Date Analyzed: 9/4/2009

(Microscope:

Olympus BH-2 #232173

TEM Analyst: J. Peter Donato

PLM Analyst:

F. Childs

Laboratory Results Approved By: **Asbestos Technical Director**

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

ELAP ID No.: 10958

ENVIRONMENTAL & ENGINEERING SERVICES LiRo Engineers, Inc.

690 Delaware Avenue

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

60-0699

Bulk Sampling Chain of Custody Form

Midhown Plaza, Rochester NY Midtown Plaza 401-16-80 DAGETL YDSUT Samples Taken by: Building Siber Job Location: Like Job #: Job Name:

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

Turn-Arvand-Time: Inational

SAMPLE LOCATION
200 love 1-, WEST
2" EVE - ERST
& 155 (END) - WEST
155 (evel - enst
157- Tevel - EAST
15 leves - WEST (Lawton ples) John Compover

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

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

Signature) Mate / Time 9/3/199 Received By (Signature) 9/3/199 A
--

Description

Red Wire Covering

Blue Wire Covering

Bjack Wire

Black Wire

Joint Compound

Covering

Covering

White Wire

Covering



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

NYS LABOR-ENG. SVCES

<u>PLM & TEM BULK ASBESTOS REPORT</u>

PLM

Total

Asbestos

0%

0%

0%

096

0%

0

В

V

٧

PLM Asbestos

Fibers Type &

Percentage

Inconclusive

No Asbestos

Detected

Inconclusive

No Asbestos Detected

Inconclusive

No Asbestos Detected

Inconclusive

No Asbestos

Detected Inconclusive

No Asbestos

Detected

None Detected

Client:

LiRo Engineers, Inc.

Location:

Lab ID

76000

76001

76002

75999 | 13th Floor

13th Floor

12th Floor

12th Floor

76004 3rd Floor N/W of Pass

76003 9th Floor

Midtown Plaza

Rochester, New York

Sampling Location

Sample Date:

Client ID

MT-D1

MT-02

MT-03

MT-04

MT-05

MT-06

9/3/2009

Job No: 10691-09

Page: 1 of 2

PLM PLM **TEM Asbestos** TEM Non-Asbestos Fibers Type & Total Matrix Fibers Type & Percentage Asbestos Material Percentage % None Detected 100% None Detected <1.0% 100% None Detected **~1.0%** None Detected <1.0% None Detected 100% None Detected 100% None Detected ×1.0% None Detected None Detected <1.0% None Detected 100% 100% Cellulose <1.0% Not Required N/A

NVLAD

Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

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

 $\sqrt{ ext{NOB}}$ (non-friable organically bound) Classified for Analytical Purposes Only.

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

PLM Date Analyzed: 9/3/2009

TEM Date Analyzed: 9/4/2009

Microscope:

Olympus BH-2 #233173

TEM Analyst: J. Peter Donato

PLM Analyst:

F. Childs

Laboratory Results Approved By:

Asbestos Technical Director

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

delinquished By

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

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

Date / Tame

Received By (Signature)

Date! Time

50x

796 V9

Like Job %:

Job Location: Joh Name:

Aidtown Plaza, Rochester NY COST LASTE

Midfown Plaza 201-164

Building /Site: Samples Taken by:

ENVIRONMENTAL & ENGINEERING SERVICES Liko Engineers, Inc.

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

Bulk Sampling Chain of Custody Form

FAX Results to: 716-882-9640 Jason Colvin

cauail results to: odvin@liro.com

attention:

Turn-Around-Time: Immediate

			•			•	4	,	АСМ СОДЕ
	COLUMN SPECT SPECT SPECT		mt . of	MT . 05	mr . 04	mr . 03	mt . or	mr. 0)	SAMPLE DDE NUMBER
			3º A Now of PRANTIEN.	9# Hoar	12# Floor	12. Flow	13 th Moon	13th Abor	SAMPLE LOCATION
		•	Joint Company	Black wine courses	Black were concerns	Blue wiew covering	RED WITE COVERING	White wire covering	DESCRIPTION OF MATERIAL
			004	0.03	K00	, 001	6000	75999	STION
									QUANTIFY

10691-09

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· 4.



02 September 2009

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

RE: Midtown Plaza – Mall and Tower Variance Application Clarification

Dear Mr. Alonge,

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

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

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

Sincerely,

Robert Barr

NYS Project Designer #93-19183

Attachments for Variance Petition MIDTOWN PLAZA Rochester, NY August 2009

9. Reason for Request

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

MIDTOWN TOWER - Asbestos Containing Materials:

- Spray-on/troweled-on Fireproofing 514,100 SF
- Ceiling systems 216,300 SF
- Pipe Insulation (other than that associated with ceiling systems) 2,100 SF
- Fittings on fiberglass pipe insulation 1,415 fittings
- Floor tile/mastic 197,900 SF
- Fire doors 77 doors
- Chiller insulation 170 SF
- Mirror mastic 8,400 SF
- Waterproof membranes 11,550 SF
- Acoustical plaster 1,400 SF
- · Vent caulk -5 SF @ 5/4/01
- Skylight caulking 30 SF
- · Caulk at metal panels 100 SF
- Roofing 5,200 SF
- Roof flashing 11000 LF
- Aluminum panels with caulk 5,960 SF
- Elevator components 15 each
- Windows with ACM caulk 1,417 windows

MIDTOWN MALL - Asbestos Containing Materials:

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

Attachments for Variance Petition MIDTOWN PLAZA Rochester, NY August 2009

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

A PLASTER ON EXTECTION OVERHANGS-23,000 SF CHAP/4/09

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

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

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

Attachments for Variance Petition MIDTOWN PLAZA Rochester, NY August 2009

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

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

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

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

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

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

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

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



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

DATE: 10/27/05

	Office:				, , 1 200000	· ·
	Location	1	· · · · · · · · · · · · · · · · · · ·		-	, · .
	Floors		Room:		• •	•
•	Phone No	F	Fax No	· (716)	408	.956-7
FROM:	Name: 🌓	Johnson Sol	rinfede Lla	11	1	
	Office; E	ngineering Services		<u> </u>	•	
	Location	- Bldg: 12 Room 159; Sta	ite Campus, Alba	ny, NY 12240		
	int . su	<u>518-457-1536</u>				
•	Phone No:	010-10-100	T STREET,			
		518-457-1301	, symmetra			
COMMENTS:		•				
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16 October 2009

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

APPROVED

OCT 22 2009

New York State Dept. of Labor

RE: Midtown Plaza – Mall and Tower Variance Application Artenante Representation Artenante Systems Unit

Dear Mr. Alonge,

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

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

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

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

The ultra high pressure floor tool head will be attached to the pump and the vac recovery system in the designated regulated abatement work area. The pump will be engaged to allow for 36,000psi of water pressure to be sent to the working head. The working head is a shrouded blast head that has the HEPA filtered vac recovery system attached. As the floor is blasted and cleaned, the vac recovery system will capture and convey (via enclosed negative pressure pipe) all the generated waste to the remote enclosure housing the vac recovery system. Liquid phase waste will be filtered to 5 microns and sent to a sanitary sewer structure, semi solid waste will be made solid by the introduction of kiln dust, concrete or saw dust to allow for packaging and disposal as solid waste material as depicted in the approved variance.

Upon completion of the mastic removal activities, the interior of the vac recovery system will have all filters removed and packaged as asbestos waste and all internal components wet wiped, HEPA vacuumed or pressure washed until free of all visible material. Final Airs will be run on the remote enclosure, upon receipt of satisfactory air clearance, the remote

containment will be removed and the vac system removed from the site.

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

14/22/04

PO Box 561 - Buffalo, NY 14213

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

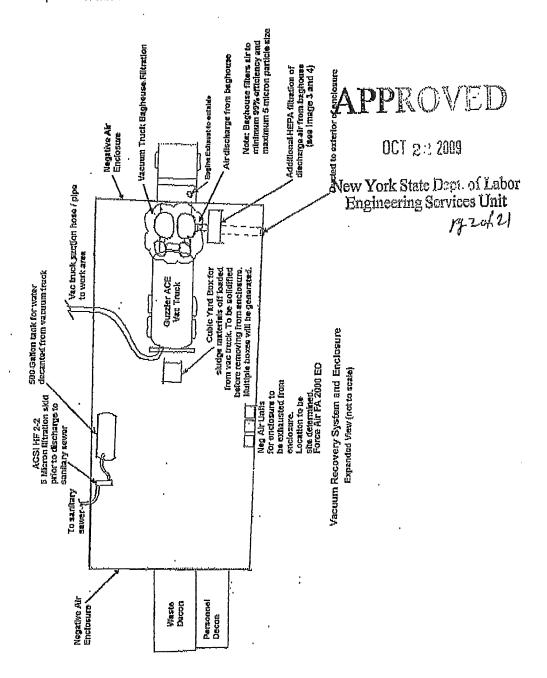
-PLYWOUD SHEATHING CYK

st, concrete or epicted in the shall be the shall be the shall be the system will cleaned as per 10.56 ary system will

.815 71:60 9002/72/01

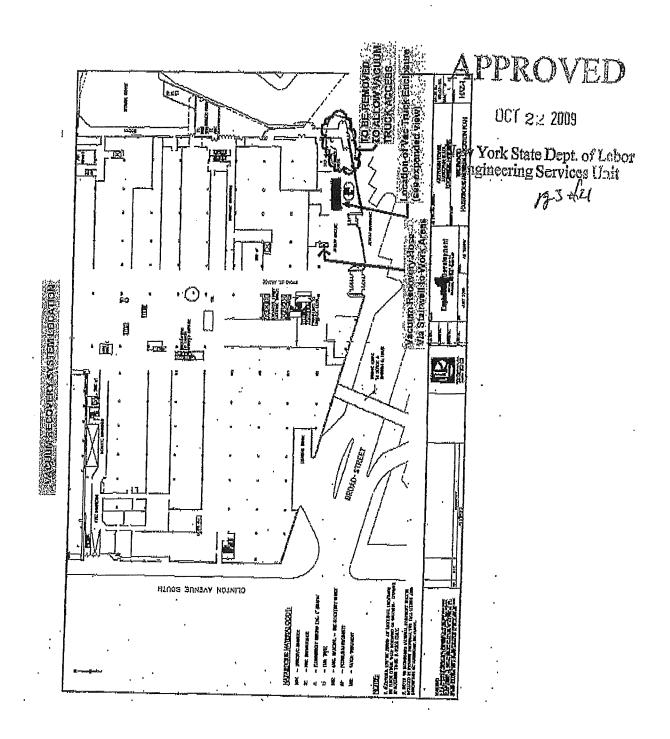
278-427-1301

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



Robert Barr - NYS Project Designer #93-19183

Page 2



Robert Barr - NYS Project Designer #93-19183

Page 3

Alonge, Christopher G (LABOR)

From:

Robert Barr [rob@56services.com]

Sent:

Friday, October 16, 2009 12:24 PM

To:

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

Cc:

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

Subject: Response

APPROVED

OCT 2 2 2009

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 MINIMUM of 8' HIGH TEMPORISMY CHAIN WHICH CONSTRUCTION FENCING SHALL BE INSTRUCTION (SEE OF 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 Buffalo, NY 14213 fax 716.408.9567

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

ega

Alonge, Christopher G (LABOR)

From:

' Robert Barr [rob@56services.com]

Sent:

Tuesday, October 20, 2009 3:49 PM

To:

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

Cc:

'Bill

Subject:

Midtown FW: Vac Unit Information

Attachments:

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





36-9950-15A.pdf 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

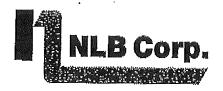
www.nlbcorp.com

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

APPROVED

OC1 22 2009

New York State Dept. of Labor Engineering Services Unit

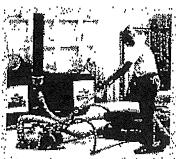


Model No. 36-9950-15A

Lightweight Ultra-High Pressure SPIN JET®

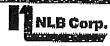


The NLB Model 36-9950-15A lightweight SPINJET ocombines the awesome cleaning power of ultra-high pressure water with the proven technology of our rot ating SPIN JET seals. This compact design weighs only 138 pounds (62.6 kg) and provides the ultimate in maneuverability and ease of operation. With features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



FEATURES:

- Weighs only 138 pounds (62:6 kg).
- Balanced design for ease of maneuverability
- Handles for easy lifting
- Aluminum and stainless.
- steel construction. Uses up to 1.1 gpm (42 pm) 40,000 psi (2,800 bar).
- Barjet nozzle system with angular adjustment.
- 4" (10.25 cm) Vicuum attachment for collection of water and debrie. Water and debris.
- 15 inch (38.4 cm) gleaning coverage.



ੀe Leader in High-Pressure Water Jet Technology

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

Regional Offices

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

THE LEADER IN HIGH-PRESSURE WATER JET TECHNOLOGY

- 🏙 11506 Spencer Hwy, La Porte, TX 77571 🛍 1323 E. Hill S., Signal Hill, CA90755 (281) 471-7761 FAX: (281) 471-8738
- 159 Harmony Road, Mickleton, NJ 08056 14302 Highway 44 N., Gonzales, LA 70737 (225) 622-1666 FAX: (225) 622-7366
 - (562) 490-3277 FAX: (562)733-0780

SPIN JET®

Floor & Grate Cleaners

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

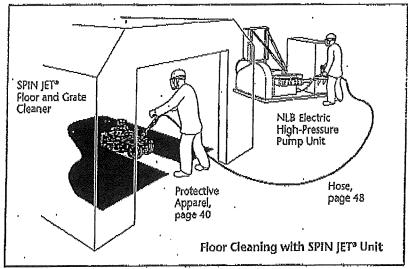
FEATURES/BENEFITS:

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

APPROVED

OCT 2/2 2009

New York State Dept. of Labor Engineering Services Unit Pt 1 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.

Max.

Flow

11 gpm

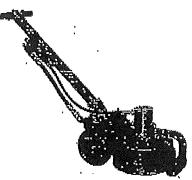
(42 lpm)

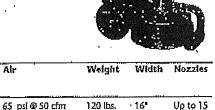
Rotation

2,000 rpm

(4.5 bor @ 23.6 l/s)

Speed





(54.5 kg)

(41 cm)

36-8300-1*5*A

Discharge

Pressure

(2,800 bar)

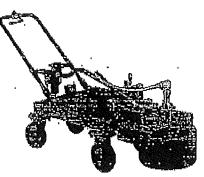
(Max.)

DR\$12481 40,000 psi

Sub

Part No.

- 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	Nozzłes
DS8800A-1	40,000 psl (2,800 bar)	11 gpm (42 lpm)		* * * * * * * * * * * * * * * * * * * *	315 lbs. (143 kg)	23° (58 cm)	Up to 16



50.

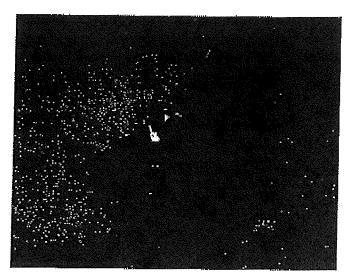


Image 1 - Equipment Detail - Floor Tool Head

APPROVED

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New York State Capt, of Labor Engliciting Services Unit

148 L21

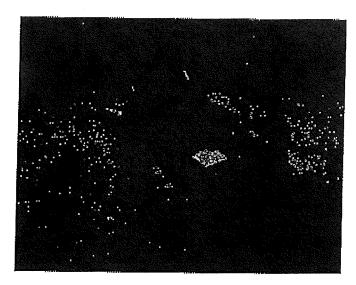


Image 2 - Equipment Detail - Floor Tool Head

Robert Barr - NYS Project Designer #93-19183

Page 4

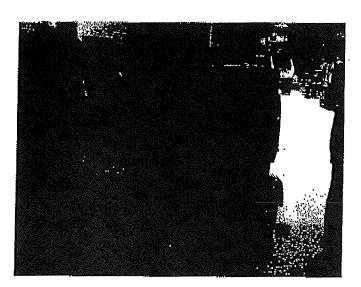


Image 3 - Equipment Detail - HEPA Filter Enclosure for Blower Exhaust

APPROVED

001 21: 2009

New York Onto Ones, of Lebor Englisheding Services Unit Ps 9 of 21

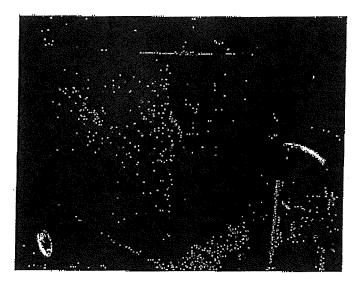


image 4 - Equipment Detail - HEPA Filter Enclosure for Blower Exhaust

Robert Barr - NYS Project Designer #93-19183

FEATURES

- में प्राथम कराजा कर असे कि अपे के
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- 1 11 Amis also above
- Timbere and
- e osti ravata al i priisti i
- endige consultante symplectic
- Summore a rediction of a a
- KINDS BURNING TAMPAC

BENEFITS

- Although the motion
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FRATURES

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REMERTS

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SPECIFICATIONS

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1 1/1 H2 ⋅ 2 Speed ⋅ high efficient

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Power Sundy:

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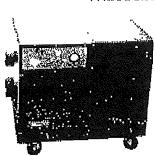
Bodf Figure.

Prenting 24" x 24" + 2 pts usd

Secondary: 24" x 24" | 3 ply resp

HEPA Picer: 24v x 24 x 11 1/4

FA2000EC



Robert Barr - NYS Project Designer #93-19183

GENERAL DATA

SPIN JET® MODEL AND SERIAL NUMBER INFORMATION

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

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DESCRIPTION

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

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

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

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

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

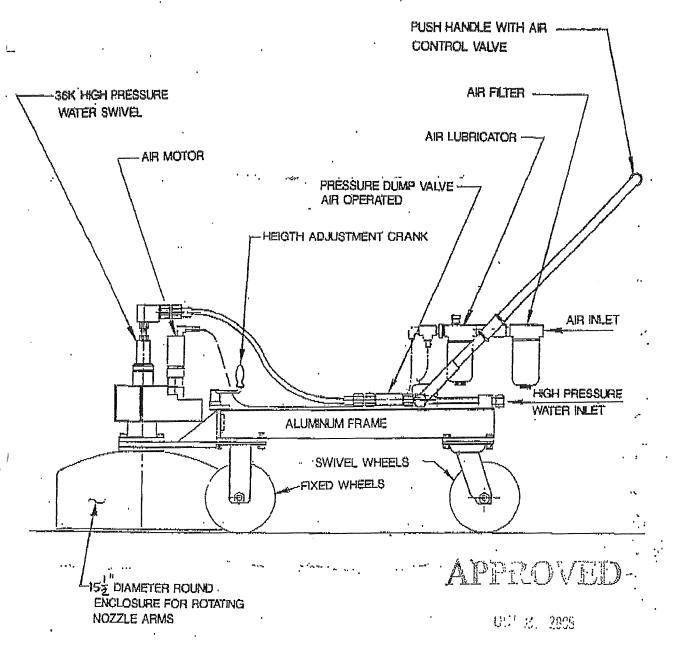
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GENERAL ARRANGEMENT MODEL 36-8300-15A SPIN JET PAINT STRIPE REMOVER

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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

100 / 720g

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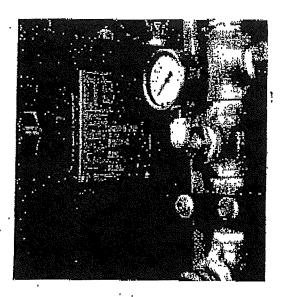
MODEL AND SERIAL NUMBER

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

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Merr Vork State Daps, of Lebor Engineering Services Unit



MODEL AND SERIAL NUMBER ON PUMP

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FEATURES OF THE PUMP

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

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

THE OPTIONAL GEAR-PAC HAS THE FOLLOWING FEATURES:

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

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

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

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

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FEATURES OF THE SYSTEM

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

- A. A WATER TANK AT ATMOSPHERIC PRESSURE. THIS ALLOWS MUCH OF THE DISSOLVED AIR TO FLASH OUT OF SOLUTION AND SEPARATE FROM THE WATER. (DISSOLVED AND ENTRAINED AIR CAUSE SERIOUS PROBLEMS WITH RECIPROCATING PUMPS.)
- B. A LOW-WATER-LEVEL SHUT-DOWN SWITCH TO STOP THE ENGINE IF THE WATER DROPS TO A LOW LEVEL.
- C. TANDEM INLET FILTER: A 10 MICRON FILTER IN SERIES WITH A SIX MICRON FILTER. (SOLIDS SHORTEN THE LIVES OF MANY SYSTEM COMPONENTS ESPECIALLY PUMP PACKING AND PLUNGERS.)
- D. A CENTRIFUGAL CHARGING PUMP WHICH:
 - 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.
- 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 Dark of Labor 18421

SPECIFICATIONS AND RATINGS

LIQUID END

PLUNGER DIA 0.660"

(16.7MM)

STROKE LENGTH:

4.25 INCHES (10.8 CM)

MAXIMUM WORKING PRESSURE (PSI)

36,000 (2,482.7 BAR)

DISPLACEMENT (US GPM)

6.0 (22,7 LPM)

VOLUMETRIC EFFICIENCY AT MAXIMUM PRESSURE

90%

MAXIMUM OPERATING TEMPERATURE (OF WATER)

100°F (38°C)

MINIMUM REQUIRED SUCTION PRESSURE (PSIG)

(2.1 BAR) 30

CONNECTIONS

SUCTION: DISCHARGE:

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

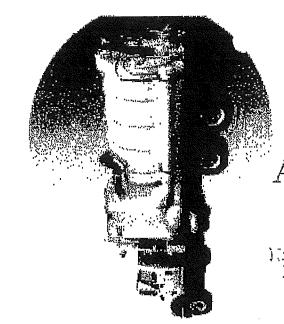
OPTIONAL GEAR-PAC RATIO:

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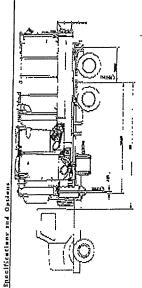
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New York State Dept. of Labor Baginocring Services Unit #21421

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10/27/2009 09:17



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

DATE: 10/27/05

DELIVER TO:	Name: Kolzert Bay		,			
• ,	Office:			· .		
	Location:					
	Floor:	Room:	Room:			
	Phone No:	Fax No:	16) 408.	7567		
FRÒM:	Name: Melister Sol	iniola I Ol	•			
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-NOM:	Office: Engineering Services	W				
	•	<u> </u>	12240			
	Office: Engineering Services	<u> </u>	12240			
	Office: Engineering Services Location: Bidg 12 Room 159; Sta	<u> </u>	12248			
	Office: Engineering Services Location: Bldg 12 Room 159; Sta Phone No: 518-457-1536	<u> </u>	12248			
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16 October 2009

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

APPROVED

OCT 22 2009

New York State Dept of Labor

RE: Midtown Plaza - Mall and Tower Variance Application Amendmenting or Value Unit

Dear Mr. Alonge,

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

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

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

— PLYWOUD SHEATHING CYL

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

The ultra high pressure floor tool head will be attached to the pump and the vac recovery system in the designated regulated abatement work area. The pump will be engaged to allow for 36,000psi of water pressure to be sent to the working head. The working head is a shrouded blast head that has the HEPA filtered vac recovery system attached. As the floor is blasted and cleaned, the vac recovery system will capture and convey (via enclosed negative pressure pipe) all the generated waste to the remote enclosure housing the vac recovery system. Liquid phase waste will be filtered to 5 microns and sent to a sanitary sewer structure, semi solid waste will be made solid by the introduction of kiln dust, concrete or saw dust to allow for packaging and disposal as solid waste material as depicted in the approved variance.

Upon completion of the mastic removal activities the introduction of the mastic removal activities the interior follows:

Upon completion of the mastic removal activities, the interior of the vac recovery system will have all filters removed and packaged as asbestos waste and all internal components wet wiped, HEPA vacuumed or pressure washed until free of all visible material. Final Airs will be run on the remote enclosure, upon receipt of satisfactory air clearance, the remote containment will be removed and the vac system removed from the site.

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HONLY UNITS EQUIPTED BYMINUFACTUED LITH VACUUM RECOVERY CONNECTION SHALL BE UTILIZED FOR REMOVALS. AMMINUFACTVER REQUIREMENTS FOR OPERATION FMINTENARICE OF ALL SYSTEM COMPONIENTS, SHALL BE FULLULED.

14/22/04

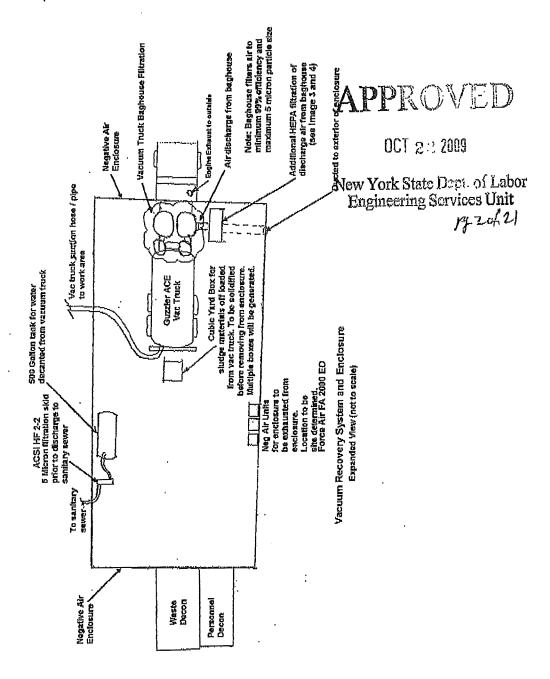
PO Box 561 - Buffalo, NY 14 213

716.341.8601 (ph) 716.408.9567 (fax)

1081-194-819

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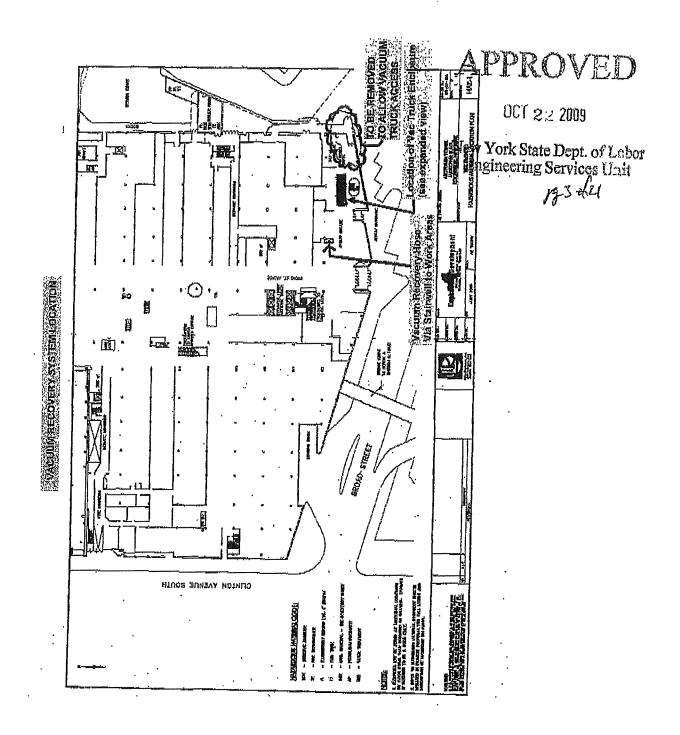
Approved variance also listed clearance air sampling after gross removal of spray-on and again
after removal of ACM flooring and mastic. Contractor will perform clearance air samples after
completion of removal of all ACM and after final cleaning, drying periods, inspections and
clearance as per 12 NYCRR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



Robert Barr - NYS Project Designer #93-19183

Page 2

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Robert Barr - NYS Project Designer #93-19183

Alonge, Christopher G (LABOR)

From:

Robert Barr [rob@56services.com]

Sent:

Friday, October 16, 2009 12:24 PM

To:

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

Cc:

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

Subject: Response

Mr. Alonge,

Chill envioned

APPROVED

001 g % 2009

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 MINIMUM OF BY HIGH TEMPORARY CHAIN-LINK
CONSTRUCTION FENCING. THIS FOUCHE 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.

while

Rob

Robert Barr

716.341.8601



PO Box 561 Buffalo, NY 14213 fax 716.408.9567

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

10/22/09

Alonge, Christopher G (LABOR)

From:

Robert Barr [rob@56services.com]

Sent:

Tuesday, October 20, 2009 3:49 PM

To:

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

Cc:

'Bill'

Subject:

Midtown FW: Vac Unit Information

Attachments:

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



36-9950-15A.pdf 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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OCY 22 2009

New York State Dept. of Labor Engineering Services Unit メンタン



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.



EATURES

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



The Leader in High-Pressure Water Jet Technology

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

Regional Offices

- 🕍 159 Harmony Road, Mickleton, NJ 08056 🏙 14302 Highway 44 N., Gonzales, LA 70737 (856) 423-2211 FAX: (856) 423-0997
- 🏙 11506 Spencer Hwy, La Porte, TX 77571 🛍 1323 E. Hill S., Signal Hill, CA 90755 (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.

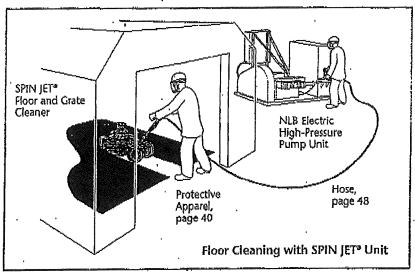
FEATURES/BENEFITS:

- 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.

APPROVED

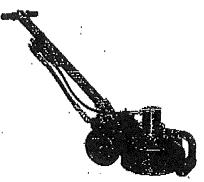
OCT 2/2 2009

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





Sual Part No.	Discharge Pressure (Max.)	Max. Flow	Rotation Speed	Air	Weight	Width	Nozzies
DR\$12481		11 gpm (42 lpm)	2,000 rpm	65 psi @ 50 cfm (4.5 bar @ 23.6 l/s)	120 lbs. (54.5 kg)	· 16" (41 cm)	Up to 15

36-8300-15A

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



Seal Part No.	Discharge Pressure (Max.)	Max. Flow	Rotation Speed	Alr .	Weight	Width	Nozzles
D-88008-1	40,000 psi (2,800 bar)	11 gpm <i>(42 lpm)</i>			315 lbs. (143 kg)	23° (58 cm)	Up to 16



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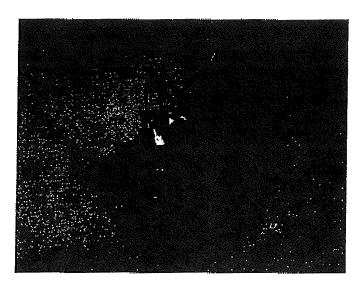


Image 1 - Equipment Detail - Floor Tool Head

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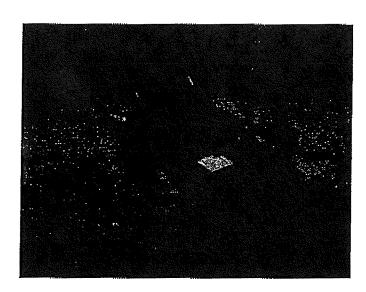


Image 2 - Equipment Detail - Floor Tool Head

Robert Barr - NYS Project Designer #93-19183



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

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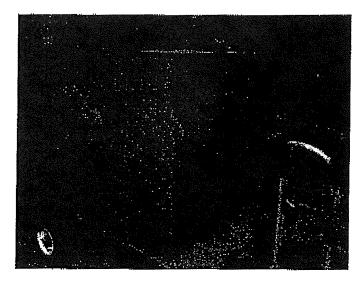


image 4 - Equipment Detail - HEPA Filter Enclosure for Blower Exhaust

Robert Barr - NYS Project Designer #93-19183

FEATURES

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HFS PORTABLE SHOWER

SPECIFICATIONS Mark Name District Long

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HF2.2 TWO STAGE FILTRATION SYSTEM



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FEATURES

- Heavy duty aluminum cabinet
- Modular control pane) polytos pne
- Sepled control box
- four honey duty swiss! catters 2 w/rocks
- Rugged carrying aplynari

BENEFITS

- * Lightweight durable rust resistant
- « Ciontrol panel unplings loc assy convova-
- · Elaranotus leakagu around ដូមបម្រច
- · HEPA litter is locked in · Assules a positive seul FOUND HEPA TIBELL
 - * Provides sasy mobility
 - · Provides easy portability

SPECIFICATIONS

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11/ i H⊅ - 2 Speed - high difficient

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Power Supply:

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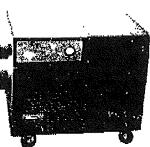
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Prantity 24" x 24" - 2 kg, uad Secondary: £4" x 24" 3 bly req

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

FA2000EC



Robert Barr - NYS Project Designer #93-19183

GENERAL DATA

SPIN JET® MODEL AND SERIAL NUMBER INFORMATION

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

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DESCRIPTION

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

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

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

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

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

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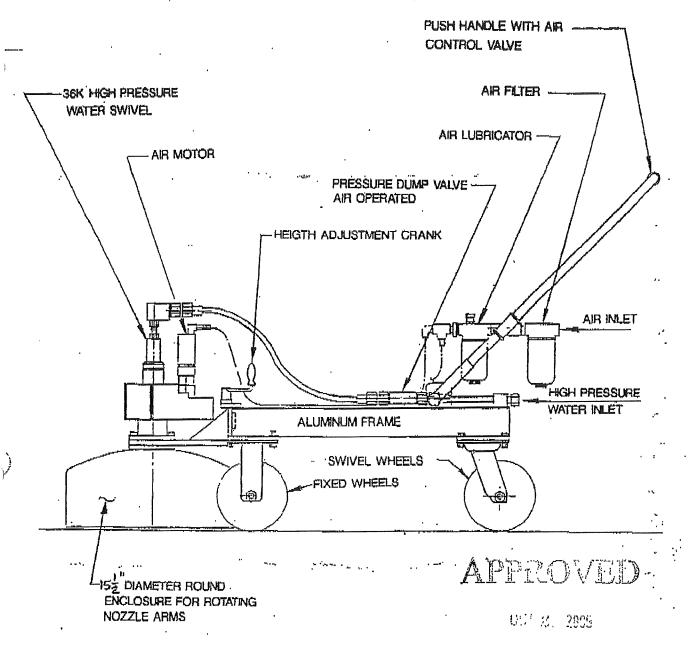
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Engineering Contact Unit

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

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PHYSICAL

HEIGHT: 43"

WIDTH: 23" (58.4 cm)

The state of the s

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

(109.2cm)

ROTATING SEAL: NLB MODEL 8800-1

NOZZLES: SAPPHIRE ORIFICE ASSEMBLIES

WITH RETAINING GLAND

NOZZLE QUANTITY: UP TO 18

NOZZLE ROTATING SPEED: 3000 RPM MAXIMUM

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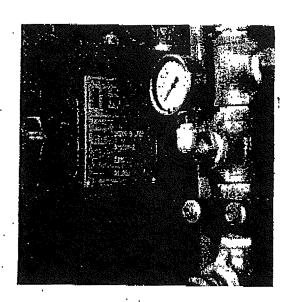
MODEL AND SERIAL NUMBER

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

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MODEL AND SERIAL NUMBER ON PUMP

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FEATURES OF THE PUMP

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

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

THE OPTIONAL GEAR-PAC HAS THE FOLLOWING FEATURES:

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

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

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

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

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FEATURES OF THE SYSTEM

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

- A 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.
- 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:

7.16:1

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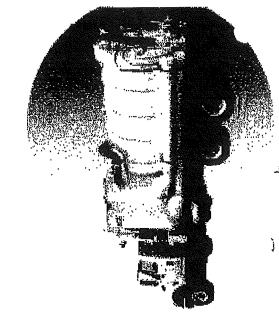
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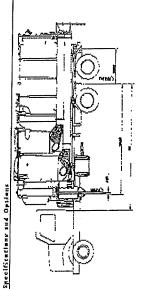
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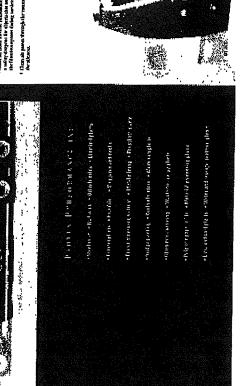
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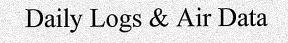
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New York Stan Dept. of Labor Engineering Services Unit #21421



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environmental consultants, inc

	Air Sampling Log	Book	
As r	oer 12NYCRR amended Janu	ary 11, 2006	
Project Monitor: Air Technician: TRONNES	Date:	08/26/09 10	b Ticket #: 3/257
All recommends.	Work		
Building / Location: MISTOUN TOWER	Area: 17 TH	Floor	Shift (A) B C
Project Description F 5 C	MARK SANT	-11 1	
Client / Owner (Print Name)	Client / Owner Representative (Print Nam	ne) Client	Contact (Print Name)
CAMBRIA	MARK DELPANT	$\boldsymbol{\mathscr{C}}$	
Abatement Contractor (Print Name)	Abatement Supervisor (Print Name)	NYSDO	OL Asbestos Handling Certificate Number
Yes No D	12		7/09
<i>1</i>	Rotometer Number	Province:	f Last Calibration
Phase IB Phase IIA Project Phase Backgrounds Work Preparation	Phase IIB	Phase IIC Labeles Final Cleaning Samples	Phase IIC Clearance Air Samples
Class I	Large 📈	Small	Minor
Job Type	90	City(II) Immand	;
MJP, WPM, MAS, FEREDURS, SO	ı/ft Ln/ft Proje	ect with multiple removals	X
1st Check 0750 2nd Check 0915	3rd Check 1050 4	1th Check	5th Check
Time of air sampling pump check	old Officer 7030 .	THE OTHER	Still Check
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- Pump CHECK @ 0915	FUMPS & CASO	<u> </u>	• ` ` ` .
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	@ 1050	1 - 1/-0 -	
- BROUGHT SAMPLES TO	CAB AT END OF	SHAFT.	

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	A.		***************************************
Air Technician Signature			
The Air Manitoring Log Rooke's a multi-page degument which must be view	and the San annual control		



N350-09()

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

Lab Job # 1350-09

Asbestos Air Monitoring Chain of Custody

Job Ticket #

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Pre- Calibrated	3.5	3,5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5		
Flow Rate Post-	2,3	2,1	7.1	2	2.7							
Calibrated	-		-		1			-				
Flow Rate	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5		
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environmental consultants, inc.

Air	Sampling Log Bo	ook	
As per 12	NYCRR amended January	11, 2006	
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Project Description	•		
Client / Owner (Print Name)	ent / Owner Representative (Print Name)	Ma	-K Smith (Print Name)
0		Client Contact	(Print Name)
Abatement Contractor (Print Name) Ab	atement Supervisor (Print Name)	NYSDOL Asbe	estos Handling Certificate Number
Yes 🗖 No □	51		-
Map Completed Ro	tometer Number	Date of Last C	alibration
Phase IB Phase IIA	Phase IIB	Phase IIC	Phase IIC
Project Phase Backgrounds Work Preparation sample		Final Cleaning Samples	Clearance Air Samples
Class I Class II Class II	Large	Small	Minor 🔀
P-II - Sq/ft	∕£h/f b Project w	vith multiple removals	
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- Set up pumps beginning	(-) 1333		
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	46.		
10101			**************************************
Air Technician Signature			
The Air Monitoring Log Book is a multi-page document which must be viewed in its	entirety.		



13972-09

PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 13972 - 09

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

04 1078 Job Ticket # 36330

Empire State D	evelopme	ent Corpora		Client Contact Client Contact Phone						
Client		ou il		4 1		Client Co	ntact	Client	Contact F	
Building/Location	well	17th of 1000	tent	71		Air Tab	Pwh	Air To	1	294
A .		Work Are	ea .			Air Tech	nician	Air re	chnician I	-none
Contractor		Contract	or Contact			Fax Resu	ılts To:		Fax #	725
51						P				
Rotometer #	ag a	Cassette	Lot#	7.1		Materials to be Removed				
Project \triangle			1		1				*	
Phase Phase I	B Ph	ase IIA	Phase II	ВП	Phase	IIC	Phase I	CX	Env.	
Backgorund			Asbestos Har	ndling	Final Clean	-	Clearance A	irs		
Field Data and Samp	ling Provided	d By: Envoy Envir	onmental C	Consultan	ts, Inc.			P 1		. 3/12-13
Sample #	0-2 0	r1 0-2	She can					-		1.145 8/
Pre- Calibrated		100	A September	William P. S.						AL
Flow Rate	4	1 1	8	1.5					1-44	ra i
Post- Calibrated	11	1 /							- Laborate	NO SEL
Flow Rate	Ч									
Average Flow Rate	4		War and A	4						
Start Time Military Time	1774									The second
End Time Military	1331	1					1-			
Duration	150						P ₄			1-1,211
Sample Volume	60 -									
(Liters)		A. D.			- " "					1.
Laboratory analysis P	Performed by:	: Paradigm Enviro	onmental S	ervices, li	nc.				ELAP II	D # 10958
Lab Sample # 97083	084 09	85 086					-(s			ja or
Fibers/100 Fields:	1.5	0 0								
Fibers/cc: \(\(\)	L01 1	ANA								
Samples Relinguish	ed By:	Di	Park	/		Date:	11/5	104	Lanc S	
Received in Lab By:		all	A	9		Date:	11-5-	09		7474 E
Analyzed By:		6	20	,		Date:	11-5-	09	0.00	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
Microscope Make, M	und Time	Immed.	24 Hr.	48 Hr.						

Comments:

ENVOY environmental consultants, inc.

Air Sampling Log Book As per 12NYCRR amended January 11, 2006 Project Monitor: Air Technician: Job Ticket #: Work Shift Area: Building / Location: ESDL Client / Owner Representative (Print Name) Chmbrin marc Abatement Contractor (Print Name) NYSDOL Asbestos Handling Certificate Number Yes DX No □ Map Completed Date of Last Calibration Rotometer Number Phase IIC Phase IIA Phase IIB Phase IB Final Cleaning Samples Work Preparation samples Project Phase Backgrounds Asbestos Handling Samples Class II Class I Large L Small ___ Job Type Sq/ft Ln/ft Project with multiple removals 1st Check 2nd Check 1100 3rd Check 1130 4th Check 1200 5th Check Time of air sampling pump check Notes Air Technician Signature

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 13970 - 09

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

04/1078 Job Ticket # 36330

Empire	State D	evelop	oment C	Corpora		Ma	K Smit	h				
Client				44m				Client C	ontact	Clien	Contact	Phone
Midt	oun T	over	17	floor	r ten	+ # 2	•	0.	Pak	3	1 16	99
Building/L				Work Ar	ea			Air Tech	inician	AIFTE	chnician	Pnone
Contracto	2/10		2	Contract	or Contac	-t	- 9 2	Fax Res	ults To		Fax #	
Communication	1			Comitaci	or oomac					1	r ux n	
Rotomete	r#	<u> </u>		Cassette	Lot#	1	-	Material	s to be Re	moved		
	^				•		•					
Project Phase	Phase I	IB 🗀	Phase I	IA 🗆	Phase	IIB 🗆	Phase	IIC	Phase I	IC M	₩ Env.	1
,	Backgorund			Preparation			Final Clear		Clearance A	-		1
Field Data	and Samp	ling Prov	ided By: E	nvoy Envii	ronmental	Consultar	nts, Inc.					
Field Sample #	T-1	0-2	15-1	1-2								- 112
Pre-				10				14 5 8	,			W policy
Calibrated Flow Rate	4	4	1	1							1 1	Tim All
Post-	U	d			1							
Flow Rate	1	4									3 3 3 3	
Average	1	21	1		16.00		4					317199
Flow Rate	1	A			W		Jan Marie		**********			
Start Time Military					1 1		1					
Time	1002	1002			1	1	1					
End Time Military	1 10 20									20.		
Time	1232	1232				Ĺ						
Duration												
(Minutes)	150	150				- 1						
Sample Volume	1 00	600	+	A		8						ghan a
(Liters)	600		d by Doros	diam Envir	onmontal	Conviges	Inc				ELADI	D # 10958
Laboratory	arialysis F	enonne	by. Parac	igili Erivir	onmental .	Services,	1116.	T	T T		LLAPI	D# 10900
Lab Sample #	97075	076	077	078	lig o S			21 248		7.	. 21	
Fibers/100	1		- A	~				-				
Fields:	5	4.5	0	0								
			1	1		A						
Fibers/cc:	1.01	1.6	NA	Nh								
Samples F	Polinguish	ad Pu						Date:			-	
Samples	keiinguisn	еа ву:	1) [10K			Date.	11/5	109		
Received	in Lab By:			(NA)				Date:	11 -	29	4 . 3	
(ll)									11-5-	01		
Analyzed	Ву:		81	18				Date:	11-5-	09		Life is
Microscon	e Make. N	lodel & a	4:					Turn-arc	und Time			5
	licroscope Make, Model & #:									Immed.	24 Hr.	48 Hr.
C						1111					- 4.	

THE RESERVE OF THE PROPERTY OF	Air Sampling Log Book
Project Monitor:	er 12NYCRR amended January 11, 2006
Air Technician: VWV	Date: 11 5 01 Job Ticket #: 36330 Work Ara: 17th 4/1 A 4 7 Shift 6 B C
Building / Location: Midton Tore Project Description	Work Area: 17th floor tent of 3 Shift @ B C
Client / Owner (Print Name)	max Smith
Chmbri (Antiname) Abatement Contractor (Print Name)	Client / Owner Representative (Print Name) Client Contact (Print Name) Client Contact (Print Name) NYSDOL Asbestos Handling Certificate Number
	Abatement Supervisor (Print Name) NYSDOL Asbestos Handling Certificate Number
Yes DiNo D	Rotorneter Number Date of Last Calibration
Phase IB Phase IIA	
Project Phase Backgrounds Work Preparation	
Class I Class II	Large Small Minor Z
Job Type P.T. So	
Type of Material	
1st Check 10 3 5 2nd Check 11 0 5	3rd Check 11 35 4th Check 1705 5th Check
Notes	
Cal Both pumps to	YCPM
Set up pumps @ 100	The state of the s
Checked pumps ofth	to More operation - all good
Broke down pumps of	te 150 mins
Submitted Sumply to 1	4.5
The state of the s	
DCIDE	
Air Technician Signature	



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

Asbestos Air Monitoring

Lab Job #

04

Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket # 36330

Empire	State D	evelop	oment (Corpora		Client Contact Client Contact Phone						
Client				5		7*		Client Co	ontact	Clien	t Contact	Phone
Building/L	1 town	Tour		Work Ar	100x -	ent =	-5	0.	Park		4.	7244
				Work Ar	ea			Air Tech	nician	Air Te	echnician	Phone
Contracto	brik			Continue	tor Contac	4	-	Fax Results To: Fax #				
Contracto				Contract	or Contac	: [P.I.				
Rotometer	· #			Cassette	lot#	in the second	- 2	Materials to be Removed				
A second				ouosciic	200			Y				
Project	Dhasa	ID .	D/	// C	T	up 🖂	T	"C □	Dhanal	uc III/	*	1
Phase	Phase I Backgorund		Phase Work Area		Phase I		Phase Final Clear		Phase I		Env.	
Field Data									Clearance	W.S.		
Field	-	. 7	. 1	0.7					- W.			
Sample #	F-1	0-2	15-1	V5 6			-				-	
Calibrated	4	4			119							
Flow Rate Post-	-											
Calibrated Flow Rate	4	4										guerra.
Average									- 3		1 2 2 5	
Flow Rate	Y	AM	· · · »: [**	9	11	# 第一		e de la Cal)	
Start Time Military Time	1004	1004		There are								
End Time Military	5 1		7									
Time	1234	1234			dize						100	2.5
Duration (Minutes)	150	150			1							
Volume (Liters)	600	600	4	4							alan i	
Laboratory	analysis P	erformed	d by: Para	digm Envir	onmental 3	Services, i	lnc.				ELAP I	D # 10958
Lab Sample #	97079	080	081	082								
Fibers/100 Fields:	3	8.5	9	0						** 1		
Fibers/cc:	1.01	1.01	NA	NA							- 1	
Samples R	alinaviah	ad Du	y	The state of the s				Data		1		7 10 10
Samples R	eiinguisn	еа ву:	D	· Vi	VK-			Date:	11/5	109		
Received in Lab By:									11-5-	09		elija j
	Analyzed By:									-09	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Microscop	Microscope Make, Model & #: 221113								Turn-around Time Immed. 24 Hr. 48 Hr.			
Comments					-			14.7			10.1.1	

environmental consultants, inc.

		ampling Log Bo		
Project Monitor:	As per 12N	YCRR amended January	11, 2006	
Air Technician:	TRONNES	Date: O	7 26/09 Job Tid	cket #: 3/257
Building / Location: MISTOUN	TOWER	Work Area: 1774 Cla	Shift	A B C
Project Description	10WER	Arca. 1 / - PU	Ø\	
E.S.	D.C. M	LARK SIMED	<i>f</i>	
Client / Owner (Print Name)	Client A	Owner Representative (Print Name)	Client Contac	t (Print Name)
Abatement Contractor (Print Name)	Abaten	nent Supervisor (Print Name)	NYSDOL Asb	estos Handling Certificate Number
Yes M No □		72	07/	09
Map Completed		eter Number	Date of Last C	alibration
Project Phase Backgrounds	Phase IIA Work Preparation samples	Phase IIB	Phase IIC Final Cleaning Samples	Phase IIC Clearance Air Samples
Class I	Class II	Large 💹	Small	Minor
Job Type			· .	;
MJP, WPM, MAS, FIRED Type of Material	ses Sq/ft	Ln/ft Project w	vith multiple removals 💢	
1st Check 0750 2nd Ch	eck <i>0915</i> 3rd C	Check 1050 4th 0	Check 5th	Check
Time of air sampling pump check Notes		7	•	
110.00				
-a 5 .				- Advantage
- ON STORE COM	7/0	Clondy - LIGH	- C1/. co:C	
- CIAI ALL S	ET UP PUM		7 S HOWKES,	
- Pump CHECK	@ 0915	75 6 0,30		
- BROKE DOWN	Pumps @ 10	0.50		
		AT END OF	SHEFT	MATERIAL CONTROL OF THE STATE O
373000	<u> </u>			
				,
			NOTE	
	CONTRACTOR			
•				ilmanus, ta rassantin santa sant
		COMMISSION OF THE PROPERTY OF		market en skriver om de green groeie en market en skriver en
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<u>'</u>	z¥			
Air Technician Signature			nancolocino nelleterminato naturale instituto e su constituto de la constituto de la constituto de la constitu	
he Air Monitoring Log Book s a multi-page docum	ent which must be viewed in its enti	rety		



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job #)() 350-(51

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

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lob	Tic	ke	t#			115	LAU `
	3	1	2	5	7	SYON	9

F.S.1					08/2	6/09	·	MARV	Survey	~/		**/
Client	<u>), (, , _ , _ , _ , _ , _ , _ , _ , _ , </u>				00/0	4/0/	-	MARK Client Co	ntact	Client	Contact I	Phone
MIL to	WATOL	UER		177	7 FL	MR	اخي	TITRO.	N 20 6 5.		202 -	5733
Building/L	ocation	U K		Work Are	ea "	~~~	-	Air Tech	nician		chnician i	
CAMBR			MA	Work Are	DEBF	ANTE						
Contracto				Contract	or Contac	t	•		Fax Results To: Fax #			
76	2		82	3150	1903	7		MJP, 0	JPM. A	NS € moved	IRE DOO	ds
Rotometer	·#			Cassette	Lot#		•	Materials	to be Re	moved		
Project		1									_	_
Phase	Phase I	<u>/</u>	Phase II	Lauren	Phase I		Phase		Phase I		Env.	
Field Data	Backgorund		Work Area P		Asbestos Ha		Final Clear	ning	Clearance A	Airs		
Field Data	ana Sampi I	iing Prov I	laea By. E.	IVOY EIIVII	Onnentar	Consultan	is, iiic.	1			0 1	40
Sample #	II.	IN	I-3	IY	I 5	0-6	0-7	08	0-9	0-10	18-1	Ba
Pre- Calibrated	3.5	3,5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3,5		ſ
Flow Rate Post-	-											
Calibrated Flow Rate	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5		
Average Flow Rate	3.5	3,5	į 3.5	3.5	3.5	3.5	\$5	- 3:5	3.5	3.5		1000
Start Time Military Time	0750	0750	0751	0752	0753	0755	01755	0757	0757	0757		nición and a state de proposition de la constante de la consta
End Time Military Time	1050	1050	1051	1052	1053	1055	1055	1057	1057	1057	A STATE OF THE STA	di selipatan da
Duration (Minutes)	180	180	180	180	180	180	180	180	180	180	delia oceano reacionamento, con	Andrew Communication of the Co
Sample Volume (Liters)	630	630	630	630	630	630	630	630	630	630		
Laboratory	analysis P	erforme	d by: Parac	ligm Envird	onmental S	Services, I	nc.				(ELAP I	D # 10958
Lab Sample #	73 717	716	714	710	7.7.	7,33	7.4.5	134	725	7,344	717	726
Fibers/100 Fields:		14	13	10	9	7	12	15	17	3,5	0	0
Fibers/cc:	.010	,010	,010	1.01	1.01	1.01		.011	,013	1.01	NA	N/A
Samples R			- which		and the second second			Date:	08/2	26	?	
Received i	n Lab By:	,						Date:	4	1-27 1-27		
Analyzed E	Зу:		010					Date:	9 a	7-04		
Microscop	e Make, M	lodel & ‡	¥:	OEV Ai	91113		Turn-around Time Immed. 24 Hr. 48 Hr.					
Comments	00111)											

environmental consultants, inc

		Sampling Log E		
Project Monitor:	As per 12N	YCRR amended Januar	4/6/10	
Air Technician:	J. 400	Date:		
Building / Location:	Hom Tow	Work Area: 17th Klas	tend # y Shift	<i></i>
KSDC Client / Owner (Print Name)	Client	/ Owner Representative (Print Name)	M	M Simble (Print Name)
		Will	Client Contact	(Print Name)
Chmbra Abatement Contractor (Print Name)	Abate	ment Supervisor (Print Name)	NYSDOL Asbe	stos Handling Certificate Number
Yes No D	Rotorr	5 1	Date of Last Ca	Nibration
Phase IB	Phase IIA	Phase IIB	Phase IIC	Phase IIC
Project Phase Backgrounds	Work Preparation samples	Asbestos Handling Samples	Final Cleaning Samples	Clearance Air Samples
Class I	Class II	Large	Small 🔀	Minor
ft/ftm Type of Material	S(G/M	Ln/ft Project	with multiple removals	
· ·	2nd Check 15J0 3rd (Check (७०० 4th	Check \\ 70 5th C	Check
Time of air sampling pump check Notes			onder P - Our C	, , , , , , , , , , , , , , , , , , ,
Cal out p	mps to yell			
- Set up san	.pbs Leginning (- 1423 <u> </u>		
_ credied pu	mps often to	/ 1	frim - all or	
Short down	pumps After 18	las		
JVDVIKSKA	an Janilo to	(4.)		
		PH-940-1907	The William Control of the Control o	**************************************
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		William Control		
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		OCHMANOCA MATERIA CONTRACTOR AND		SOLITO COL
	- THE REST OF THE PROPERTY OF			
		The second secon		
DQA	K			Peter service with the service
Air Technician Signature				



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PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

13968-09 09/1078

Job Ticket #

36330

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Empire	State D	evelop	oment C	Corpora	tion			NW	K Smi	fn .	-2			
Client		area T. A				201		Client Co	Client Contact Client Contact Phone					
Midte	on To	ne!	171	£1001		-4		0.	Vak	400				
Building/L				Work Are	ea			Air Tech	nician	Air Te	chnician	Phone		
Cam				131				Fau Dani	ulta Tax		Fax #			
Contracto	r			Contract	or Contac	t .		rax Resi						
Rotometer	+		100	Cassette	101#	×		Matorials	to be Rei	moved	en iy			
Kolometer	#			Casselle	LUL#			Materials	to be Kei	noved				
Project	\triangle				1	1-91	1			المنسان	* _	_		
Phase								IIC	Phase I	-	Env.			
Field Data	Backgorund and Samp				Asbestos Haronmental		Final Clear	ning	Clearance A	urs				
Field	l and Gamp	l l	l J	Γ .		- Correction	10, 1110,	1.				-9.54		
Sample #	I-1	J-2	1-3	0-4	0-5	0-6	13-1	13-2						
Pre- Calibrated Flow Rate	4	4	4	4	4	4								
Post- Calibrated Flow Rate	4	4	Ч	4	4	4		Manage of the same		esjir San e				
Average Flow Rate	4	y	4	4	4	4	wester-ress	mphase processors.	ante in the	day songress or o	e de regi			
Start Time Military Time	1423	1423	1424	1425	1426	1426		ALANA WITH	- /	the -squid	1 money			
End Time Military Time	1653	1653	1664	1655	1656	1656								
Duration (Minutes)	150	Adequations				>								
Sample Volume (Liters)	600	-				>	4	4				29.21.34.7		
Laboratory	analysis P	erforme	d by: Parac	digm Envir	onmental S	Services, i	nc.			11 11 11	ELAPI	D # 10958		
Lab Sample #	97059	060	061	062	063	064	065	066	, +					
Fibers/100 Fields:	1.5	3	4.5	2	7	4	0	0	200					
Fibers/cc:	2,61	2.01	1.01	2.01	1.01	2.01	MA	NA						
Samples R	elinguish	ed Bv:		0				Date:	1	1				
- ampios n	guion	Jy .	D	Yo	VKV			20.5.	1113	109				
Received i	n Lab By:	7.		de		10, 1	5-12-1	Date:	1-5-0	9		- 1		
Analyzed E	-				-5-0	9								
Microscope Make Model & #:										48 Hr.				
Comments														

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

environmental consultants, inc.

	Air Samplin			
Project Monitor:	As per 12NYCRR amer	1 1		210
Air Technician: 🗹 T . TROWN	IES	Date: 08/26/09	Job Ticket #:	<u> 3125 /</u>
Building / Location: MISTOUN TOU	Work Area:	7TH FLOOR	Shift (A)	ВС
Project Description F. 5 \ C	MARK	SMIN		
Client / Owner (Print Name)	Client / Owner Representa	ative (Print Name)	Client Contact (Print Name)	
CAMBRIA	MARK DE	PANTE		
Abatement Contractor (Print Name) Yes No	Abatement Supervisor (Pr	·	NYSDOL Asbestos Handling	Certificate Number
Map Completed	Rotometer Number		Date of Last Calibration	2
Phase IB	ase IIA Phase	IIB Phase I	IC Pha	se IIC
			The state of the s	ance Air Samples
	ss II Large	Small [Mino	or 🗆
MJP, WPM, MAS FIREDURS	Sq/ft Ln/ft	Project with multiple re	movals 💢	;
Type of Material				
1st Check 6750 2nd Check 69	915 3rd Check / C	50 4th Check	5th Check	. ·
Notes		• •		
-ON STORE				- Warran Marikana and American
WEIATHER CONDITION	= 210 Clarky	- LIGHT SHOWA	·n:5	
		0750		
	1915	0,30		
	n.ps @ 1050			
- BROUGHT SAMPLES	S TO LAB AT E	NO OF SHAFT.	A Walter and the second	
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		One named a state of the state		
68-1-1		0000 PG-4152-5-4-4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		
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	,			
Air Technician Signature		And the second s	AND THE COURSE OF THE COURSE O	



PARADIGM

ENVIRONMENTAL SERVICES, INC

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

Lab Job #

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job	Tic	ke	t #		115	W
	2	ĺ	2	57	SY_{0k}	9

611				Widota	MA	6/09		MARIE	4	- 1		
$\frac{\mathbb{Z} \cdot \mathbb{D} \cdot \mathbb{I}}{Client}$	<u> </u>				00/0	6/07	-	MARK Client Co	ontact	<u>⊬</u> Client	Contact I	Phone
MIL to	Tai	100	O ITT FIRMS				****				and the same	
Building/L	ocation	UEX	Work Area MARK DE PANTE TITRONNÉS. Air Technician Air Technician Phone					Phone				
CAMBR			MV	IRK.	Delf	ANTE						
Contracto	r			Contract	or Contac	t		Fax Resu	ılts To:		Fax #	
)		82	3151	1903	\supset		MTP. 0	JPM A	ins F	IRE DOO	A5.
Rotometer	^ r#		8231509037 M3P, WPM, MNS, FIRE Doords. Cassette Lot # Materials to be Removed									
Project												
Phase	Phase I	B⊠	Phase I	IA 🔲	Phase I	IB 🗌	Phase	IIC 🗌	Phase I	IC 🗌	Env.]
=	Backgorund		Work Area F		Asbestos H		Final Clean	ing	Clearance A	Airs		
Field Data	and Samp T	ling Prov 1	rided By: E 1	nvoy Envii I	onmentai	Consultari	its, inc.	1			T a i	0.0
Field Sample #	III	I)	I-3	I.4	I 5	0-6	0-7	08	0-9	0-10	18-1	B.21
Pre-			<u> </u>	1								
Calibrated Flow Rate	3.5	3,5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3,5		
Post-						V 1						
Calibrated Flow Rate	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	a constitution of the cons	e de la constante de la consta
		2.7	2, 2	 ~ . / _		7 33		<u> </u>		Ī		- Circumstance
Average Flow Rate	3.5	3.5	į 3.5	3.5	3.5	3.5	3 5	- 3.5	3.5	3.5	- 4	
Start Time												
Military Time	0750	0750	0751	0752	0753	0755	0755	0757	0757	0757		
End Time						7						
Military Time	1050	1050	1051	1052	1053	1055	1055	1057	1057	1057	D. Principles	
Duration											The state of the s	
(Minutes)	180	180	180	180	180	180	180	180	180	180		
Sample												
Volume (Liters)	630	630	630	630	630	630	630	630	630	630	//	<i>"</i>
Laboratory			d by: Parac								/ELAP I	D # 10958
Lab Sample	73											
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	,			28	91113					ımmed.	24 Hr.<	40 MT.
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environmental consultants, inc

	Air S	Sampling Log Bo	ok	Annual Annua
Project Monitor:	As per 12N	YCRR amended January 1	1, 2006	
Air Technician: 💢 D. V	<u>wh</u>	Date: 1		cet #: 36330
Building / Location: Mrdfcm	Tower	Work Area: 17th Moor	fent#5 Shift	A B C
ESD C Client / Owner (Print Name)			M	or sutte
	Client	/ Owner Representative (Print Name)	Client Contact	(Print Name)
Abatement Contractor (Print Name)	Abate	ment Supervisor (Print Name)	NYSDOL Asbe	stos Handling Certificate Number
Yes 🛱 No □		51		•
Map Completed		neter Number	Date of Last Ca	alibration
Project Phase Backgrounds	Phase IIA	Phase IIB Asbestos Handling Samples	Phase IIC Final Cleaning Samples	Phase IIC Clearance Air Samples
Class I	Class II	Large	Small 🖄	Minor
Job Type				
M ムS・状乙 Type of Material	Sq/ft	Ln/ft Project wi	th multiple removals	
1st Check 1030 2nd Chec	ck 1100 3rd 0	Check / 130 4th C	heck / てぃつ 5th C	Check
Time of air sampling pump check Notes				100 - 100 -
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(A)				
Air Technician Signature			340,000	THE COLUMN TWO COLUMN



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 13969-09

of Custody

Job Ticket #

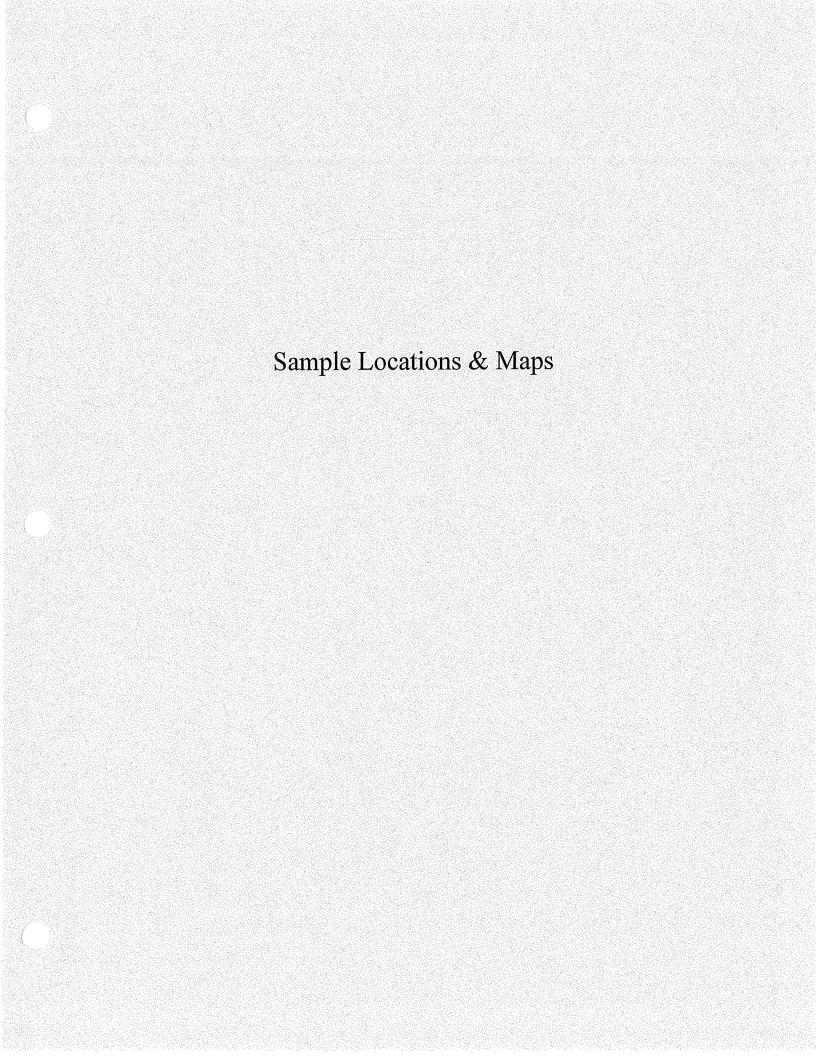
36330

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

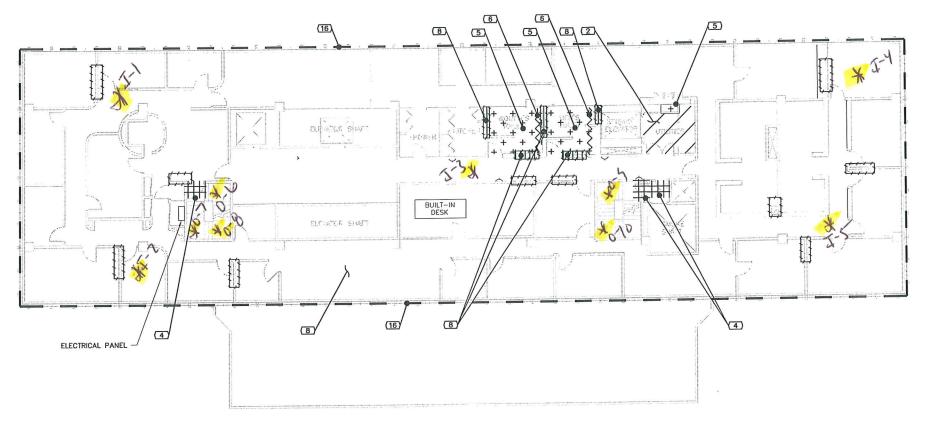
Empire State Development Corporation Client Contact Phone Client 3177299 Midtown Work Area Air Technician Air Technician Phone Building/Location Cambr Fax Results To: Contractor **Contractor Contact** Fax # Mastic Materials to be Removed Rotometer # Cassette Lot # Project Phase IIC Phase IIA Env. Phase Phase IB Phase IIB Phase IIC Final Cleaning Clearance Airs Backgorunds Work Area Preparation Asbestos Handling Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc. Field 0-6 3-2 Sample # Pre-Calibrated Flow Rate Post-Calibrated Flow Rate Average Flow Rate Start Time Military 0954 Time **End Time** Military 1224 1275 221 721 222 1225 Time Duration (Minutes) 50 Sample Volume 600 (Liters) ELAP ID # 10958 Laboratory analysis Performed by: Paradigm Environmental Services, Inc. Lab Sample 072 069 17067 068 Fibers/100 Fields: Fibers/cc: 1.0 Date: Samples Relinguished By: Received in Lab By: Date: Analyzed By: Date: Microscope Make, Model & #: Turn-around Time Immed. 24 Hr. 48 Hr. 221112

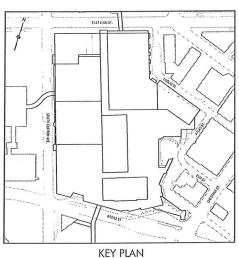
Comments:



Buckground Aw Samples

* Sample location





	SIXTEENTH FLOOR ASBESTOS ABATEMENT SCHEDU	JLE
	ASBESTOS CONTAINING MATERIAL TO BE REMOVED AND DISPOSED	QUANTITY
///(2)	FLOOR TILE/MASTIC	200 SF
(4)	FIRE DOORS	4 EACH
+ + + (5)	WATERPROOF MEMBRANES	550 SF
~~~©	MIRROR MASTIC	700 SF
	FITTINGS ON FIBERGLASS PIPE INSULATION	90 EACH
- · — · — (16)	WINDOWS	98 EACH

LEGEND: PIPE CHASE

#### GENERAL NOTES:

- 1. THE INFORMATION IN THESE DRAWINGS ARE FOR GUIDANCE PURPOSES ONLY. THEY MAY NOT REPRESENT ACTUAL AS-BUILT DIMENSIONS AND SIZES. NO ADDITIONAL PAYMENT WILL BE MADE TO THE CONTRACTOR IF THE INFORMATION PROVIDED IN THE PLAN VARIES WITH THE EXISTING CONDITIONS.
- 2. PIPE CHASES ARE SHOWN AT APPROXIMATE LOCATIONS. NOT ALL PIPE CHASES ARE SHOWN. THE CONTRACTOR SHALL PERFORM SELECTIVE DEMOLITION AS NECESSARY TO EXPOSE ALL PIPING OR OTHER ACM MATERIAL OR AS DIRECTED BY THE PROJECT MONITOR TO VERIFY THE PRESENCE/ABSENCE OF ACM. EXPLORATORY WORK AND SELECTIVE DEMOLITION COST SHALL BE INCLUDED IN THE CONTRACTORS BASE BID PRICE.
- 3. ALL REMAINING BUILDING FURNISHINGS, INTERNAL COMPONENTS DEBRIS, AND ALL ITEMS LEFT BY THE OWNER SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. NOT ALL ITEMS ARE SHOWN.
- 4. THE CONTRACTOR SHALL PROVIDE A LICENSED ELECTRICIAN TO EVALUATE, 4. THE CONTRACTOR STALL PROVIDE A CHESTSED ELECTRONIC OF STATES OF THE S THE INTERRUPTION OF ELECTRICAL SERVICE TO OTHER PORTIONS OF THE SITE. ALL ELECTRICAL WORK SHALL BE INCLUDED IN THE CONTRACTORS LUMP SUM
- 5. ALL TEMPORARY ELECTRICAL PANELS AND WIRING REQUIRED BY THE CONTRACTOR FOR HIS EQUIPMENT AND WORK AREA LIGHTING SHALL BE INCLUDED IN THE CONTRACTOR LUMP SUM BID.
- 6. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL INTERIOR CEILINGS, WALLS AND PARTITIONS. THE CONTRACTOR SHALL NOTE THAT NUMEROUS INTERIOR WALLS HAVE BEEN FILLED WITH A LOOSE VERMICULITE WALL INSULATION. ALL MATERIALS AND DEBRIS DEMOLISHED OR REMOVED BY THE CONTRACTOR SHALL BE DISPOSED OF AS ACM OR SHALL BE DECONTAMINATED AND DISPOSED OF AS C&D MATERIALS.
- 7. HOUSEHOLD, UNIVERSAL AND HAZARDOUS MATERIALS ARE PRESENT THROUGHOUT THE ENTIRE FLOOR LEVEL. THE CONTRACTOR SHALL REFER TO THE HAZARDOUS MATERIALS SURVEY FOR DESCRIPTIONS AND QUANTITIES TO BE REMOVED AND DISPOSED OF. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL HOUSEHOLD, UNIVERSAL AND HAZARDOUS MATERIALS IN ACCORDANCE WITH THE SPECIFICATIONS.
- 8. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE AC UNITS AND TRANE CLIMATE CHANGE UNITS AND ALL ASSOCIATED PIPING, DUCT WORK, GAUGES AND EQUIPMENT AS NECESSARY TO PERFORM THE WORK. ALL REMOVED EQUIPMENT SHALL BE DECONTAMINATED OF ALL CFC's, GREASE AND OTHER CONTAMINATES PRIOR TO DISPOSAL.

#### **ASBESTOS ABATEMENT NOTES:**

- (2) FLOOR TILE/MASTIC ABATEMENT AND REMOVAL SHALL INCLUDE THE ABATEMENT, REMOVAL AND DISPOSAL OF ALL FLOOR SURFACING MATERIALS INCLUDING CARPET, CARPET MASTIC, FLOOR TILE, FLOOR TILE MASTIC AND OTHER SURFACING MATERIALS. THE LOCATIONS SHOWN FOR FLOOR TILE/MASTIC ARE LOCATIONS WHERE FLOOR TILE IS KNOWN TO EXIST. OTHER LOCATIONS OF FLOOR TILE MAY EXIST. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL FLOOR SURFACING MATERIALS TO EXPOSE THE SUBSTRATE. THE QUANTITY FOR ABATEMENT INCLUDES THE ABATEMENT OF FLOOR TILE/MASTIC INCLUDING ANY AND ALL SURFACING MATERIALS.
- 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
- (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 ALL LABOR. PROVIDED TO THE MIRRORS AS ACM. OF THE MIRRORS AND THE MIRROR MASTIC IN ACCORDANCE WITH NYSDOL ICR 56. ALL SUBSTRATES CONTAINING MIRROR MASTIC SHALL BE DECONTAININATED 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 STRAIL REMOVE ALL DELIZINGS AND FERTURN ALL FILENDALEMENT DEMOCRITIS FOR 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.

#### WARNING

YVACTIVINUS
IT IS A VOLATION 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 ALIER IN ANY WAY AN ITEM ON THIS DRAWING. IF AN ITEM IS ALIERED, THE ALIERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALIERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALIERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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







MIDTOWN TOWER ROCHESTER, NEW YORK

DRAWING TITLE

MIDTOWN PLAZA COMPLEX

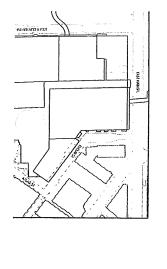
16TH FLOOR ASBESTOS ABATEMENT PLAN MT-A14

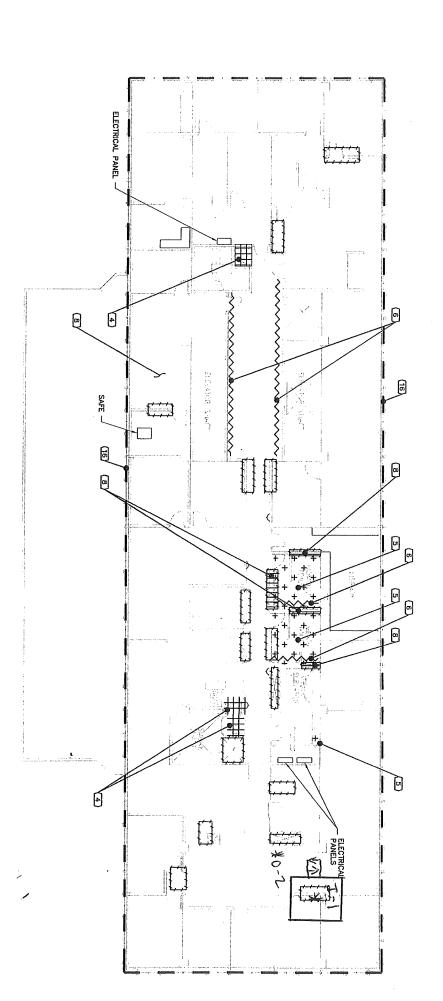
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IRO JOB NO.: 08-21-104

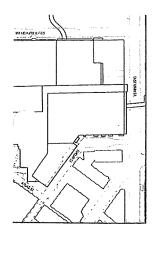
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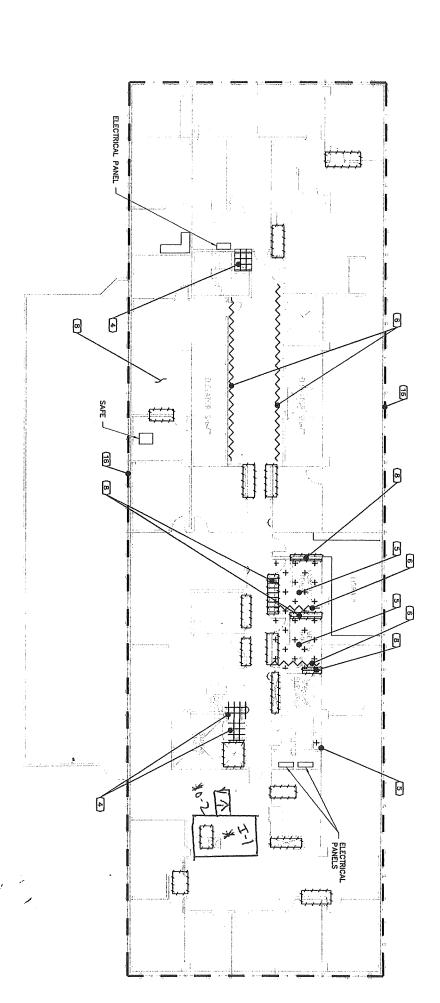
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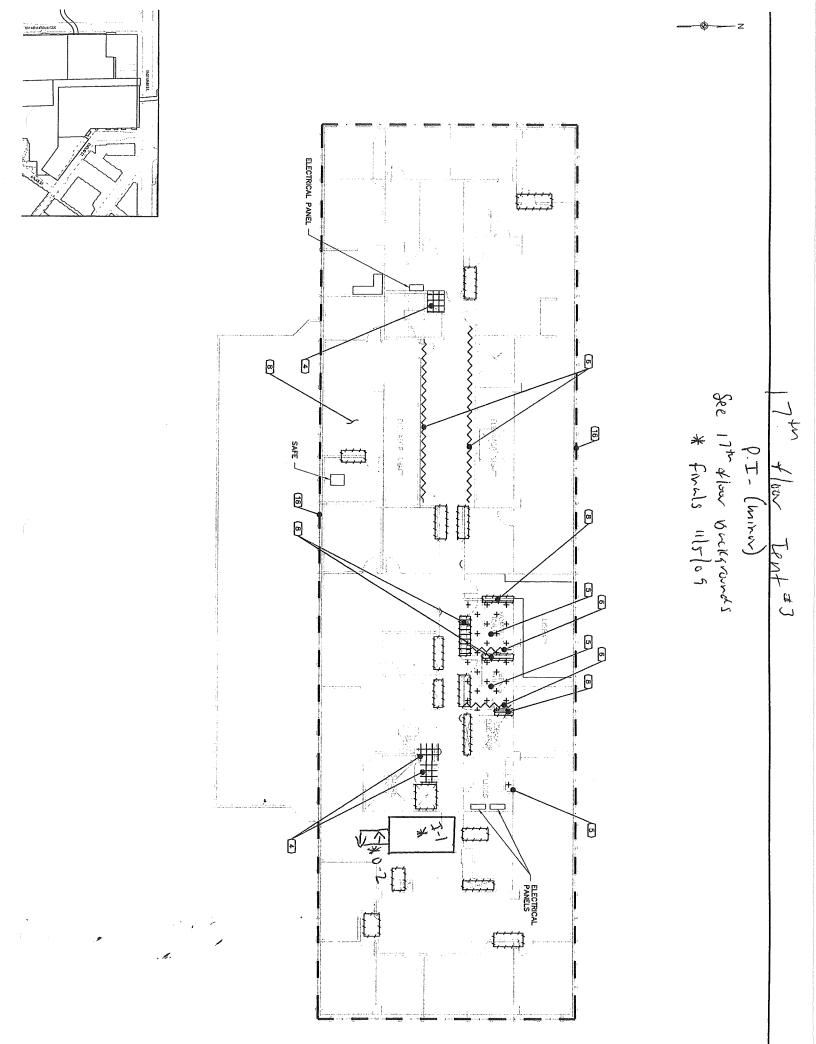
17th floor Tent # 1 P.I. (minor See (7th floor Buckfrounds



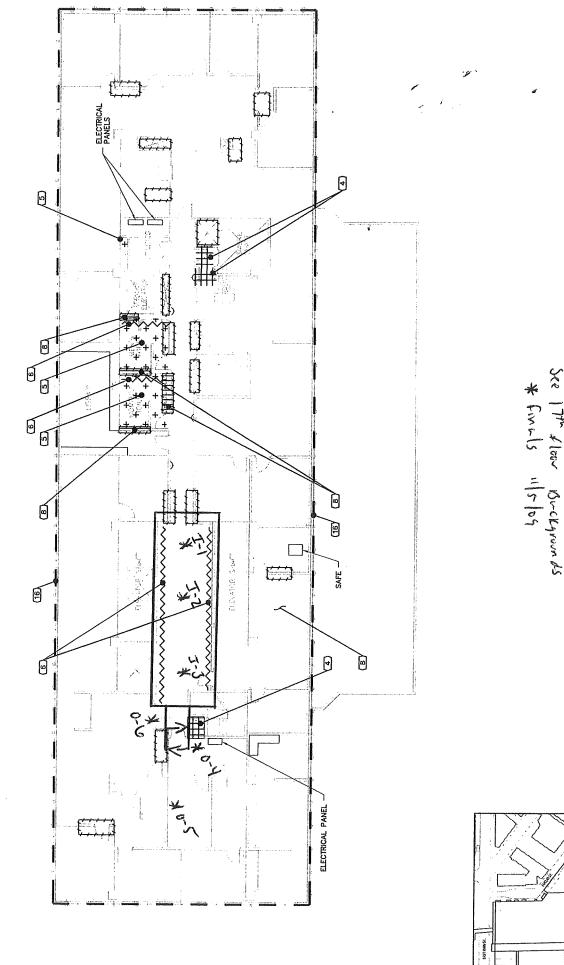


See (7th flow Buckgounds

* finals 11/5/01



STIGHTOURS.



* finals ilsor



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P.M. Logs & FVI Misc. Sampling

	Midtown Plaza Complex Asbestos A	batement						
17	Daily Summary Report							
	NAME: TESTRONNES DATE: 08/2	10/09						
	Contract # Liro Job #:							
LiRo Engin	gineers, Inc. HOURS: $6700 - 1530$ TASK: $0.7M$ ,							
TIME	ACTIVITY							
0700	ON SITE MET W DARRYC AND MARK FO	R UPDATES						
	AND WORK FOR DAY.							
0800	WORKERS ON 11TH HOURS TAKING ONT WALLS AND	ANY MORE						
	MOURBLE DEBRIS. UNTON WORKERS ON 2 M FLEOR MALL STE	TIL DOTUG SKIKLTIVE						
	DEMO AND ON IST TAKTAL OUT LIGHT BULBS.							
<b>A</b>	RUNNERU BACKGROUNDS ON 1774 FLOOR . WILL SETUP	RUNNIAN BACKGROUNDS ON 1774 FLOOR. WILL SETUP 16TH AFTER 17TH FLOOR.						
1000	WORK GOODL GOOD ON 11 THAN 13TH FLOORS, ON LY	CORRECTED IS						
	THAT SOME CETETIAS AREA ARE BOWING DOWN IF TO							
	MANY METAL STUD ARE REMOVED. TOUD DARRYL AND BILL B.							
	OF MY CONCERNS CHRIS ON SITTE FOR DESK AND OFFICE							
	FURNITURE FOR OFFICE ACROSS STREET. HELPK	D MOVE A CONPUE						
	CHAIRS OVER AND POINTED OUT SOME EMPTY FILTE	4 CABINETS						
	FOR ACROSS STREET OFFICE.							
1300	WORKER REMOVED BULBS ON 12T FLOOR EAST SIDE OF	MAN. NO CANCERNS,						
2	- AIR SAMPLES ON 17TH FENTSHOPS AND 16TH SET U	ρ.						
1415	BROKE DOWN 16TH AIR BAMPLES. BAKK TO CHECK	TAK MALL AREA						
	FOR HAZ. MATS.							

R	
LiRo Engineers, In	ıc.

# Midtown Plaza Complex Asbestos Abatement Daily Summary Report

<b>7/3 3 3</b> _	Daily Summary Report					
[[上]]		NAME: Dave Parker	DATE: 11/3/09			
		Contract #	Liro Job #:			
LiPo Frair	avs Iva	HOURS: 0700-1730	TASK: PM			
LiRo Engine	ers, inc.					
TIME		IVITY- Midtown Tower				
0700	in the SE are	same locations as previously stated. Air sa	4 th floor. Samples are set up at 3 LPM and are imples are no longer needed on the 15 th floor			
0800	On 17 with to	th floor to check work areas and materials. ent #1 and on the east side of the floor (see field materials and will give all numbers to	Ted Tronnes.			
0900	Currer curren worker beams	ntly there are 5 workers on the 17 th floor. In all y 9 workers on the 14 th floor cleaning centers cleaning same areas and on the 12 th floors as well.	n the 12 th , 13th and 14 th floor area there are iling and beams. On the 13 th floor there are 2 or there are 12 workers cleaning ceiling and			
0925	visuals 600 lit	ters of air.	at 4 LPM and ran for 150 minutes for a total of			
1000	remov 15 th flo	oor decon will be used as a remote decon f	bag operations for all pipe fitting areas. The 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					
1155	Final air samples for the 15 th floor SE area have been broken down and will be submitted to					
1230	•	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	will be take ap floor b	egin removal of tents on the 17 th floor and pprox. 1 day to remove and clean on each below in order to stay ahead. Minor glove b	or plans for 15 th , 16 th and 17 th floor. The crew work there way down to the 15 th . They should floor with some workers prepping tents on the bag tents used to remove pipe fittings will 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.
	Final air samples for the 15 th floor SE area have passed. I notified Mark D. about results of
4/4#	final airs. Crew is beginning to break down area now. Decon will stay in place and be used as
1615	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.
1500	Began to break down all air samples for 12 th , 13 th and 14 th floor. All pumps are still running at
1700	3 LPM. Samples will be submitted to Paradigm on my way home.
1730	Off site.

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



# Midtown Plaza Complex Asbestos Abatement Daily Summary Report

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

TIME	ACTIVITY- Midtown Tower				
0700	On site/ set up all phase IIB air samples for 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.

### Envoy Environmental Consultants Inc.

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				Project Monitor Visual	Inspe	ctior	n Rep	ort			
		-		As per 12NYCRR Part 56 ame	ended Ja	nuary	11, 2006	3			
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Building & Location: V	VII	MO	<u> </u>	Work Area	( ov	+	VVI	JOB TICKEL# 3007			
				Work Area				Mrk Smith			
£5DC								• • • • • • • • • • • • • • • • • • • •			
Client//Owner (Print Name)			- )	Client/Owner Representative (print name)				Client Contact (Print Name)			
(umbrin			γ	MARK DERAWIE				NYSDOL Asbestos Handling Certificate Number			
Abatement Contractor:			1	Supervisor (print name)				NYSDOL Asbestos Handling Certificate Number	er		
Yes No -		•	$\sqrt{}$	Many Delawer			$\checkmark$	09-13704			
Supervisors Visual inspection Completed	?	Superv	isor Co	empleting Visual Inspection ( print name)		NYSE	OOL Asbe	stos Handling Certificate Number	Date/Ti	me	
~ //				08-10920				nl5	105		
Project Monitor (Print Name)								ν(3	Date		
	91	1		NYSDOL Asbestos Handling Certificate Num	nber				Date		
Site Emergency Phone:	L	. '									
Job Type: Class I ☆	Clas	is II		1 hours							
Job Size: Large □	Sma	all	_		nd Time o	f Final	Clean	Material ≬.Ţ.	Sq	6	) Ft
•				minur X				Project with Multiple Removals	- 54	54	- / (
Project Monitor Visual Insp	<del>Jecus</del>	on Ch	iecki	<del></del>				<del></del>	믁		
Section A				Section B				Section C	Ш		
Inspectors Checklist	SAT	Needs Action	N/A	Visual Inspection	SAT	Need		Procedures/ Paperwork	SAT	Needs Action	N/A
Equipment		t Requi		Personal Decontamination Unit			o Pass	Paperwork & Procedures		ired to I	
1. Flashlight	Ø			22. Clean & Free of Debris & Dust	43			42. Written Scope of Work (attached)			,D
2. Knife or pointed object	D			23. No Visible Pools of Liquid	Ø			43. Verbal Scope of Work (see below)	B		
3. Respirator	모			24. No condensation	₽			44. Supervisor Present	ď		
4. Hard Hat 5. Safety Glasses				25. All Isolation Barriers intact  Waste Decontamination Unit	Pon		o Pass	45. Wait period observed	Ø		
6. Tyvex Suit	Ď			26. Clean & Free of Debris & Dust	Ø			Paperwork & Procedures	No	t Require	ed
7. Gloves	ē		ō	27. No Visible Pools of Liquid	ē	$\overline{\Box}$		45. Area Asbestos Survey	Ø		
Inspection		t Requi		28. No condensation	Ø			46. Sign into work area	<u> 2</u>		
8. Enter all Spaces	Ø			29. All Isolation Barriers intact	<u> </u>			47. Sign out of work area	Z A		
9. Inspect at Close Range  Areas to Inspect	Ø Not	□ t Requi	md.	Regulated Abatement Work Area 30. No Visible Pools of Liquid	Req≀ ∠	uirea t	o Pass	48. Entry into Supervisors Log 49. Detail Findings	Ø		
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11. Līght Fixtures	ā		Ø	32. All Criticals intact	12			51. Enter AH Cert. Number	Ø		
12. Ductwork			Ø	33. All Isolation Barriers Intact	8			52. Worker Present	Ø		
13. Elevated Horizontal Surfaces	Ø			34. No Unremoved Materials	Ø						
14. Pipes	Ø			35. No Visible Debris	Ø			]			
15. Ceiling Grids/Sprinkler Heads 16. Conduits	0			36. No Visible Dust 37. Examine Contractor Equipment	[2]						
17. Hauserman Channels			Ø	38. Negative Air in Operation	<u> </u>		<u>D</u>			ä	
18. Floor and Wall Penetrations	Z			39. No Debris or Water under Plastic	Ž		Ő			ā	
19. Creases & Folds in Criticals	<u></u>			40. Completeness of Abatement**	Ø						
20. Walls & Corners	Ø			41. Completeness of Clean-up**	0						
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Deficiencies, Corrections or r				iscope of work prior to the visual inspection list all deficiencies and target compliance dates		ne con	прівсене	ss of abatement and clean up.			
	10103		Differily i	ist all deliciencies and target compliance dates	<u> </u>	<del></del>					
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2.											
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4.											
Verbal Scope of Work (any verbal scope of	work su	ipplied t	y the c	ontractor must be written below, if materials wi	ithin the re	gulated	are to ren	nain also state this).			
Merbal St	'ool	<u>'</u>	40	- Su Sergiu	from	. (	amb	Mr. C.Ver is to re	inv	i all	,
P.I. Wa stone	254	<u> </u>	45	Mc lade al	£ .	36.					
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Supervisors Signature 11/4/	1 ) c 1	12	60	^			Date/1	rime .			- 1
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Project Monitor Signature	7		t 10				Date/1	Time (1) J (US			
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				ceed with Clearance Airs	FAIL			Area needs Reclean and Reinspection			
				ned site at the time and date the observa				by 12 NYCRR Part 56-3 2/d\()(8)			
				oes not include full project monitoring re 56-9.1(d) & (d)(1) and ASTM document				.5). Visual inspections do not include insp	ections	behind,	
				is the responsibility of the asbestos aba							

Ву:

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### Envoy Environmental Consultants Inc.

			-	Project Monitor Visual In	spec	ction Repo	ort			
As per 12NYCRR Part 56 amended January 11, 2006										
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Building & Location: N	11d	tow	Δ_		46	not - C	Job Ticket# ろしる。	ر ر		
Project Description				Work Area			· 1.			
ESDC							Client Contact (Print Name)			
Client//Owner (Print Name)				Client/Owner Representative (print name)						
('umboa				X MARIE DEVANOE			X09-13704			
Abatement Contractor.			. /	Supervisor (print name)			NYSDOL Asbestos Handling Certificate Nur	nber		
Van Et Na E			X	Mario Dellante		$\searrow$	09-13704			
Yes No Supervisors Visual inspection Completed?		Supervi	for Co	Impleting Visual Inspection ( print name)		NYSDOL Asbes	tos Handling Certificate Number	Date/T	iņe	
		Gupuri					•	11/4	109	
Dave Yark	<u> </u>			08-10920				Date	0 9	
Project Monitor (Print Name)	G	11		NYSDOL Asbestos Handling Certificate Number				Dela		
Site Emergency Phone:	7	<u>u</u>								
Job Type: Class I 🖂	Clas	s II		2 hours						
	Sma	a#			ime of	Final Clean	Material ρ, Τ.	Sq	£n.	) Ft
0			<u> </u>	MNW X			Project with Multiple Removal		<i></i>	
Project Monitor Visual Insp	ectic	on Ch	ескі					<u> </u>	<u>.                                    </u>	
Section A				Section B	Ш		Section C	Ш		
Inapartora Charlist		Needs	NUA	Misual Increasion	SAT	Needs Action N/A	Procedures/ Paperwork	SAT	Needs Action	N/A
Inspectors Checklist  Equipment		Action Requir	N/A	Visual Inspection Personal Decontamination Unit		ifred to Pass	Paperwork & Procedures		uired to	
Equipment 1. Flashlight	<b>Z</b>	. Nequii		22. Clean & Free of Debris & Dust	D □		42. Written Scope of Work (attached)	α.		0
2. Knife or pointed object	Ø			23. No Visible Pools of Liquid	a		43. Verbal Scope of Work (see below			
3. Respirator	<u></u>			24. No condensation	5		44. Supervisor Present	Į.		
4. Hard Hat	<b>2</b>			25. All Isolation Barriers intact  Waste Decontamination Unit		☐ ☐	45. Wait period observed	اعد	니	
5. Safety Glasses 6. Tyvex Suit				26. Clean & Free of Debris & Dust	Z Z		Paperwork & Procedures	N	ot Requir	red
7. Gloves	ā		ō	27. No Visible Pools of Liquid	Ø	<u> </u>	45. Area Asbestos Survey	D D		
Inspection	Not	Requir	ed	28. No condensation	₽		46. Sign into work area	Æ		
8. Enter all Spaces	<b>a</b>			29. All Isolation Barriers intact	Ø		47. Sign out of work area	Д Д		
9. Inspect at Close Range	☐ Not	Cogni		Regulated Abatement Work Area 30. No Visible Pools of Liquid	Requ	ired to Pass	48. Entry into Supervisors Log 49. Detail Findings	, D		
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11. Lîght Fixtures	ō		Ż	32. All Criticals intact		<u> </u>	51. Enter AH Cert. Number	Ø		
12. Ductwork			Þ	33. All Isolation Barriers Intact	Ø		52. Worker Present	Ø		
13. Elevated Horizontal Surfaces	D			34. No Unremoved Materials	Ø					
14. Pipes	Ø			35. No Visible Debris 36. No Visible Dust	Ø Ø					
<ol> <li>Ceiling Grids/Sprinkler Heads</li> <li>Conduits</li> </ol>	<b>Z</b>			37. Examine Contractor Equipment	Ď			ā		
17. Hauserman Channels			Ø	38. Negative Air in Operation	ō					
18. Floor and Wall Penetrations	Д			39. No Debris or Water under Plastic	0					
19. Creases & Folds in Criticals	Ø			40. Completeness of Abatement**	(Z)					
20. Walls & Corners 21. Floors	0			41. Completeness of Clean-up**	D 0		The second secon			<u> </u>
	review	of a wi		i scope of work prior to the visual inspection i			ss of abatement and clean up.			
Deficiencies, Corrections or r				ist all deficiencies and target compliance dates						
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2.				*						
3.						•				
4.										
Verbal Scope of Work (any verbal scope of	work su	ipplied b	y the c	ontractor must be written below, if materials within	the re					
Scope of v	40v K		910	en by Sergiy	4v	in (c	umbria. (Vec is	4		
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Supervisors Signature	ψų	ul	1 /	A) lit		Date/	Time X 11-5-09			
	_	1	1 1	( ) ( )			15-			
Project Monitor Signature	7	\ <u></u>	A	1		Date/	Time 1115/05			
. / \	Avoc C	Jones de	,	and with Clarence Aim	EAU		Area needs Reclean and Reinspection	7		
					FAIL		Allea Head Addican and Admisposition			
This report represents the condition of	t the∕a ect mo	nitor o	nentio:	ned site at the time and date the observatio loes not include full project monitoring resp	ns we.	re made. ities as definen	l hv 12 NYCRR Part 56-3.2(d)(8).			
Inspection was performed in accordar	nce wit	h 12NY	'CRR	56-9.1(d) & (d)(1) and ASTM document E-	1386-0	)5, (8.4.1 & 8.4	l.5). Visual inspections do not include il	spection	s behind,	,
under or above crtical or isolation barr	riers. T	his inps	section	n is the responsibility of the asbestos abater	nent's	supervior unde	er subpart 56-9.3 of ICR-56.			

On Date:

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### Envoy Environmental Consultants Inc.

				Project Monitor Visual Ir	nspec	ction	Rep	ort			
			<del>,</del>	As per 12NYCRR Part 56 amend	ded Jan	uary 1	, 2006			_	
Building & Location:	<b>ΙΛΛ Ι</b> Λ	Ho	<b>. . .</b> .	Tove 17th A	7.60	Lon	十世	3Job Ticket# J b 33	- آگ	76 J	ر ح
Project Description	Valle	<u> </u>	000	Work Area		4C N	<u> </u>				
								mar Smith	<b>~</b>		
Client//Owner (Print Name)				Client/Owner Representative (print name)			·	Max SmH			
Cumbria				VILLAM Della	e e			X09-13704			
Abatement Contractor:				Supervisor (print name)	2			NYSDOL Asbestos Handling Certificate Num	iber		
			$\chi$	11 50			V	1 122 01			
Yes 💢 No 🗆			()	MARICIDEPANTE		AWODG		stos Handling Certificate Number	Date/Ti	ima	
Supervisors Visual inspection Complete		Superv	nsor Co	ompleting Visual Inspection ( print name)	a	NYSDC	L ASDES	•	i	1	
Dave Vark				08-1092					III 5	- 107	
Project Monitor (Print Name)	Ca	ıl		NYSDOL Asbestos Handling Certificate Number	er.				Date		
Site Emergency Phone:											
Job Type: Class I □	χClas	38 II									
Job Size: Large	Sm	all		Wait period duration End	Time of	Final C	lean	Material D.I.	Sq	<b>(</b>	Ft
Project Monitor Visual Ins	-		necki	· \				Project with Multiple Removals	3 [		
Section A	<u>,</u> П			Section B	П			Section C			
Occilon A	L1	Needs		Scotlon B	<u></u>	Needs				Needs	
Inspectors Checklist		Action	N/A	Visual Inspection	SAT	Action	N/A	Procedures/ Paperwork	SAT	Action	N/A
<b>Equipment</b> 1. Flashlight	NC Z	ot Requi	ired 🗆	Personal Decontamination Unit 22. Clean & Free of Debris & Dust	Keqt. ☑	iired∶to □	Pass	Paperwork & Procedures 42. Written Scope of Work (attached)			.E
2. Knife or pointed object	<b>-</b> ZÍ			23. No Visible Pools of Liquid	Ø			43. Verbal Scope of Work (see below)			
3. Respirator 4. Hard Hat	Д Д			24. No condensation 25. All Isolation Barriers intact	Æ Ø			44. Supervisor Present 45. Wait period observed	包包		
5. Safety Glasses	Æ			Waste Decontamination Unit		iired to					
6. Tyvex Suit	1 1			26. Clean & Free of Debris & Dust	Ø			Paperwork & Procedures 45. Area Asbestos Survey	No □	ot Require	ed
7. Gloves Inspection		□ ot Requi	□ ired	27. No Visible Pools of Liquid 28. No condensation	<u> </u>			46. Sign into work area	Ø		<u> </u>
8. Enter all Spaces	् छ			29. All Isolation Barriers intact	Ø			47. Sign out of work area	Ď Ď		
9. Inspect at Close Range	Ø	d Board	imd	Regulated Abatement Work Area	•	ired to	Pass	48. Entry into Supervisors Log 49. Detail Findings	<u>1</u> 2		
Areas to Inspect  10. Permanent Fixtures	,Vo	t Requi □		30. No Visible Pools of Liquid 31. No condensation	<u> </u>			50. Enter Full Name	Ø		
11. Lîght Fixtures			Ø	32. All Criticals intact	Ø			51. Enter AH Cert. Number	٦ ا		
12. Ductwork			2	33. All Isolation Barriers Intact 34. No Unremoved Materials	Ø Ø			52. Worker Present	2 <u>1</u>		
13. Elevated Horizontal Surfaces 14. Pipes	Ø Ø			35. No Visible Debris	ø						
15. Ceiling Grids/Sprinkler Heads	ø			36. No Visible Dust	ĺZ/						
16. Conduits			Þ	37. Examine Contractor Equipment	2	. 🖁					
17. Hauserman Channels 18. Floor and Wall Penetrations	_ 		<u> </u>	38. Negative Air in Operation 39. No Debris or Water under Plastic	□ <b>□</b>		7				6
19. Creases & Folds in Criticals	Ø			40. Completeness of Abatement**	ē						
20. Walls & Comers	<u>D</u>			41. Completeness of Clean-up**	Ð						
21. Floors	or review	v of a w	uritten.	 scope of work prior to the visual inspection	to assu	ire com	oletene	ess of abatement and clean up.			
Deficiencies, Corrections or				list all deficiencies and target compliance dates	10 4004		2,010.70				
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2.											
3.				•.							
4.							· · · · · · · · · · · · · · · · · · ·				
	of work s	upplied	by the	contractor must be written below, if materials with	in the reg	ulated a	re to ren	nain also state this).			
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Supervisors Signature /	1/	Int	<u> </u>	ey wil			Date/	11me / - // - 5 0 7			
	M		12					11/5/115			1
Project Monitor Signature	K	Y	1				Date/				$\dashv$
PASS 💢 🗼		_		oceed with Clearance Airs	FAIL			Area needs Reclean and Reinspection			
This report represents the condition	of the	above r	mentio	ned site at the time and date the observati does not include full project monitoring res	ons wer	re made	defines	I by 12 NYCRR Part 56-3 2(d)(8)			
nspection was performed in accord	lance wi	th 12N	YCRR	56-9,1(d) & (d)(1) and ASTM document E	-1386-0	5, (8.4.	1 & 8.4	1.5). Visual inspections do not include in:	spections	behind,	
under or above crtical or isolation b	arriers.	This inp	sectio	n is the responsiblity of the asbestos abate	ement's	supervi	or unde	er subpart 56-9.3 of ICR-56.			

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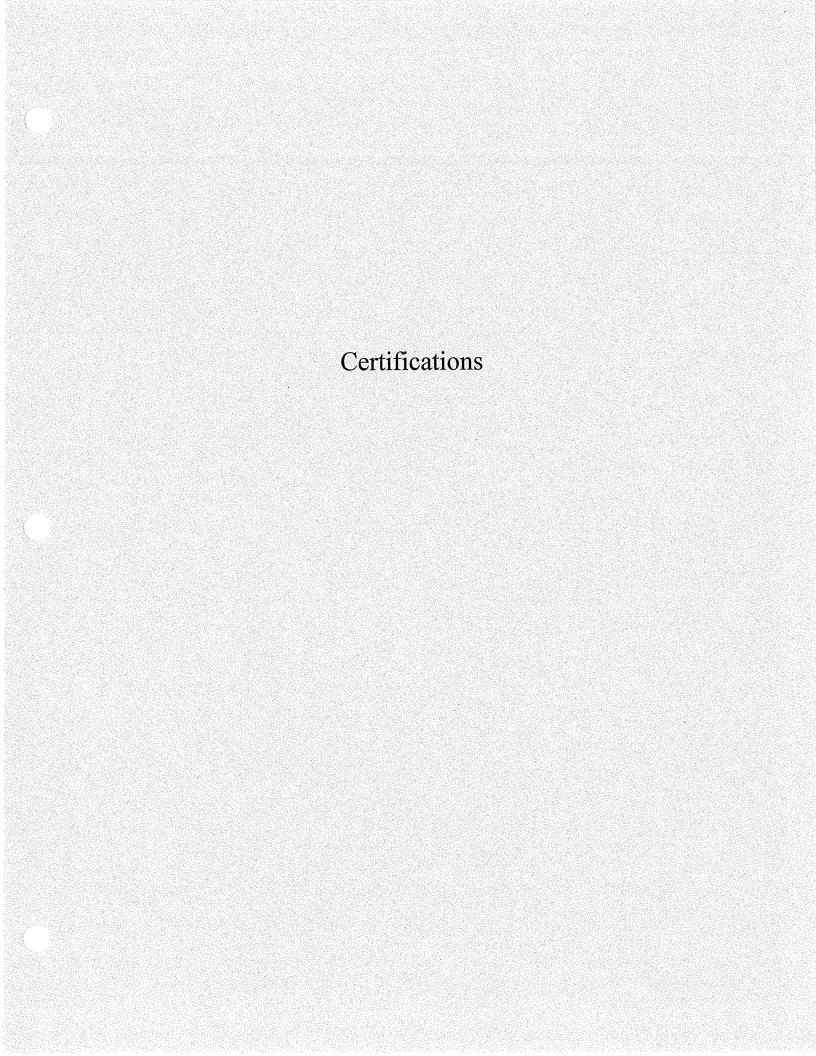
				J	·				***************************************	***************************************	
				Project Monitor Visual	Inspec	ction F	Repo	ort			
				As per 12NYCRR Part 56 amei	nded Jan	uary 11	2006				
A.	1	ľ	_					Job Ticket# 3633	0		
Building & Location: IV	1149	000	1	over 17th flow	tent		1	Job Ticket # 5633			
Project Description				Work Area							
ESDC								MWK Smith			
Client//Owner (Print Name)			~	Client/Owner Representative (print name)							
Cumbracion			$\nearrow$	MARK DELAWE	٠			X 09-13704			
Abatement Contractor:			7	Supervisor (print name)			1	NYSDOL Asbestos Handling Certificate Number	er:		
Voc 5 No 5				X Man Della =	-č		X	09-13704			
Yes No Supervisors Visual inspection Completed?		Superv	isor C	Impleting Visual Inspection ( print name)		NYSDOL	Asbes	tos Handling Certificate Number	Date/Tir	ne	
1)				08-10	420			11	15-1	09	
	~14	<u> </u>		NYSDOL Asbestos Handling Certificate Numb					Date		
Project Monitor (Print Name)	4	11		NTSDOL Asbesios nanoling Centificate Numb	)E1						
Site Emergency Phone:				. 1 .							
Job Type: Class I □	Clas	ss II	以	ft/ftm							
Job Size: Large	Sm	all	$\Box$	Wait period duration End	d Time of	Final Cle	ean	Material &T   FTM	£g.	) Ln	Ft
Project Monitor Visual Insp			nockl	iet				Project with Multiple Removals			
	recui	OII CI	ICCKI	<del></del>				Section C	一一		
Section A	Ш			Section B	Ш	M		Section C	<u></u>	Needs	
Inspectors Checklist	SAT	Needs Action	N/A	Visual Inspection	SAT	Needs Action	N/A	Procedures/ Paperwork	SAT	Action	N/A
Equipment	No	t Requ	ired [*]	Personal Decontamination Unit		ired to l		Paperwork & Procedures	•	ired to I	
1. Flashlight	4			22. Clean & Free of Debris & Dust	TI TI			42. Written Scope of Work (attached) 43. Verbal Scope of Work (see below)	0 27		40
Knife or pointed object     Respirator	<i>D</i>			23. No Visible Pools of Liquid 24. No condensation	S.			44. Supervisor Present	ā.		
4. Hard Hat	ū			25. All Isolation Barriers intact	ē	ā		45. Wait period observed	Ø		
5. Safety Glasses	0			Waste Decontamination Unit		ired to I			A1-	6 Daniela	
6. Tyvex Suit	0			26. Clean & Free of Debris & Dust	<b>2</b>			Paperwork & Procedures 45. Area Asbestos Survey	/Voi	t Require □	ea
7. Gloves Inspection	_	□ t Requ	irad	27. No Visible Pools of Liquid 28. No condensation				46. Sign into work area	Ž		
8. Enter all Spaces	Ø			29. All Isolation Barriers intact	3			47. Sign out of work area	a		
9. Inspect at Close Range	Ø			Regulated Abatement Work Area	Requ	ired to I		48. Entry into Supervisors Log	<b>2</b>		
Areas to Inspect		t Requi		30. No Visible Pools of Liquid	말			49. Detail Findings	D D		
10. Permanent Fixtures	, <b>e</b>			31. No condensation 32. All Criticals intact	<b>a</b>			50. Enter Full Name 51. Enter AH Cert. Number	12		
11. Līght Fixtures 12. Ductwork			a	33. All Isolation Barriers Intact	<u> </u>			52. Worker Present	8		
13. Elevated Horizontal Surfaces	ā			34. No Unremoved Materials	Ø						
14. Pipes	Ø			35. No Visible Debris	Q						
15. Ceiling Grids/Sprinkler Heads	2			36. No Visible Dust	ď						
16. Conduits 17. Hauserman Channels			<u>a</u>	37. Examine Contractor Equipment 38. Negative Air in Operation	<b>2</b>	. 🖁	Ð				
18. Floor and Wall Penetrations	Ø		ō	39. No Debris or Water under Plastic	Ø						
19. Creases & Folds in Criticals	Ø			40. Completeness of Abatement**							
20. Walls & Comers	0			41. Completeness of Clean-up**							
21. Floors Inspection requires a project monitor	review	U of a w	ritten :	l scope of work prior to the visual inspection	n to assu			ss of abatement and clean up.			
Deficiencies, Corrections or r				list all deficiencies and target compliance dates				•			
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2.				*					·········		
3.							<del></del>				
4.											
Verbal Scope of Work (any verbal scope of	work s	upplied	by the c	ontractor must be written below, if materials wi	thin the reg	ulated an	to ren			- f	
Verbal.	ين	you		of vork given !	24	Jergi	<del>Y</del>	From Constant	ve 1		
to remot ad	<u> </u>	F.T	m	1 ftm w pr	Code	<u></u>	je	56.			
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			***************************************								
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nM	PT	7. [	14					. 11/5/09			
Supervisors Signature	<u> </u>	10/0	VV	-			Date/1	Time ( /			
1	`			NV L				11) 0-1.15			
Project Monitor Signature	7	$\rightarrow$		PY			Date/I	Time 113 (U)			
PASS DA	Area C	Heared	to pro	ceed with Clearance Airs	FAIL			Area needs Reclean and Reinspection			
This report represents the condition o	f the/	above i	nentio	ned site at the time and date the observa	tions wer	e made.					
Inspection performed by certified proje	ect mo	nitor, s	cope d	loes not include full project monitoring re	sponsibili	ties as d	efined	by 12 NYCRR Part 56-3.2(d)(8).		habi	
Inspection was performed in accordar	nce wi	th 12N'	YCRR.	56-9.1(d) & (d)(1) and ASTM document :	E-1386-0	5, (8.4.1	& 8.4	.5). Visual inspections do not include insp	⊎cuons	uenina,	
unger or above crtical or isolation ban	riers. T	ınıs ınp	sectioi	n is the responsibility of the asbestos aba	tements	auhet A10	i unue	a support ou-old of fort-ou.			

On Date:

Ву:

## Envoy Environmental Consultants Inc.

	•	Project Monitor Visual	Inspection Rep	ort	
		As per 12NYCRR Part 56 ame	• •		_
Building & Location:	Midtour	- TOWE 17th \$1.	ou Tent #3	Job Ticket# 3633	0
Toject Description	•	Work Area	-		
ESPC Client/Owner (Print Name)		Client/Owner Representative (pgnt name)		Client Contact (Print Name)	
Cumbrin		XMARK DELANGE		X 09-13704	
Abatement Contractor:		Supervisor (print name)		NYSDOL Asbestos Handling Certificate Numb	er
Yes ☑ No 🗆	X	MARK Delawer	X	08-13704	
Supervisors Visual inspection Completed	Supervisor C	ompleting Visual Inspection ( print name)	NYSDÓL Asbe	stos Handling Certificate Number	Date/Time
Dave Park	·	08-10926		11   \$	109
Project Monitor (Print Name) Site Emergency Phone:	all	NYSDOL Asbestos Handling Certificate Num	ber		Date
Job Type: Class I □		4 hows	· · · · · · · · · · · · · · · · · · ·		
<u> </u>			d Time of Final Clean	Material M-Stic	Sq Ln Ft
Project Monitor Visual Insp	75	list		Project with Multiple Removals	
Section A		Section B	П	Section C	
	Needs .		Needs		Needs SAT Action N/A
Inspectors Checklist Equipment	SAT Action N/A Not Required	Visual Inspection Personal Decontamination Unit	SAT Action N/A Required to Pass	Procedures/ Paperwork  Paperwork & Procedures	Required to Pass
†. Flashlight	ā <u> </u>	22. Clean & Free of Debris & Dust	<b>z</b> 0 0	42. Written Scope of Work (attached)	
Knife or pointed object     Respirator		23. No Visible Pools of Liquid 24. No condensation		43. Verbal Scope of Work (see below) 44. Supervisor Present	
4. Hard Hat		25. All Isolation Barriers intact		45. Wait period observed	ø o o
5. Safety Glasses 6. Tyvex Suit		Waste Decontamination Unit	Required to Pass	Paperwork & Procedures	Not Required
7. Gloves		26. Clean & Free of Debris & Dust 27. No Visible Pools of Liquid		45. Area Asbestos Survey	
inspection	Not Required	28. No condensation	<b>a</b> a a	46. Sign into work area	
8. Enter all Spaces	a o o	29. All Isolation Barriers intact		47. Sign out of work area	
9. Inspect at Close Range		Regulated Abatement Work Area	Required to Pass	48. Entry into Supervisors Log	
Areas to Inspect 7. Permanent Fixtures	Not Required. ☑ □ □	30. No Visible Pools of Liquid 31. No condensation	Ø 0 0	49. Detail Findings 50. Enter Full Name	
I. Līght Fixtures		32. All Criticals intact		51. Enter AH Cert. Number	
12. Ductwork	0 0 2	33. All Isolation Barriers Intact	ø o o	52. Worker Present	
13. Elevated Horizontal Surfaces		34. No Unremoved Materials	<b>a</b> 0 0	·	
14. Pipes 15. Ceiling Grids/Sprinkler Heads		35. No Visible Debris 36. No Visible Dust	<b>1</b> 0 0 0		
16. Conduits		37. Examine Contractor Equipment	ã j j		
17. Hauserman Channels		38. Negative Air in Operation	o be		
18. Floor and Wall Penetrations		39. No Debris or Water under Plastic			
19. Creases & Folds in Criticals 20. Walls & Comers		40. Completeness of Abatement [™] 41. Completeness of Clean-up [™]			
21. Floors	<b>&amp;</b> 0 0				
Inspection requires a project monitor r Deficiencies, Corrections or n		cope of work prior to the visual inspection ist all deficiencies and target compliance dates	n to assure completene	ss of abatement and clean up.	
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2.		*			
3.					
<b>4</b> .					
erbal Scope of Work (any verbal scope of v	vork supplied by the c	ontractor must be written below, if materials with	hin the regulated are to rem		., 1
Ulibri Scop	e giren	by sersiy tru	in Chabri	12. Cra vill Au	more all
mirror mushe	in even	-so pr coll re	N 56.		
	<del></del>				
upervisors Signature	1)20/20	<del>k</del>	Date/T	ime	
roject Monitor Signature	JUD.		Date/Ti	ime 11/5/61	
				Area needs Reclean and Reinspection	
pection performed by certified project pection was performed in accordance	ct monitor, scope do e with 12NYCRR 5	ed site at the time and date the observati pes not include full project monitoring res, 16-9.1(d) & (d)(1) and ASTM document E is the responsibility of the asbestos abate	ponsibilities as defined : -1386-05, (8.4.1 & 8.4.	<ol><li>Visual inspections do not include inspe</li></ol>	ctions behind,



STATE OF NEW YORK - DEPARTMENT OF LABOR ASBESTOS CERTIFICATE

DAVID THARKER CLASS(EXPIRES) CLASEC(08/10) TPM (05/10)

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

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 Traince NYS Depart. of Motor Vehicles ID (DMV ID) Name of Trainee (print) Date of Birth1 Telephone Number Signature of Trainee 593-255-0014 Address 14626 (Street or PO Box) (Zip Code) (State) (City) H = To be completed by Training Sponsor Telephone Number Provider's Name Cornerstone Training Institute Course 168연약yell Avenue Suite 200 Location: Rochester, NY 14606 NYS DOH use only DOH Equivalency² Initial Kefresher **Course Title:** Exam Grade/Date: Training Language: 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: (Signaturé) ²DOH Equivalency signed by NYS DOH representative only Optional Information

DOH-2832 (10/03)

## TEST RECORD RESPIRATOR FIT-

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

## Concentra Medical Centers (NY) 687 Lee Rd Sulte 208 Rochester, NY 14606 Phone: (555) 458-7910 Fax: (585) 458-7507

## Medical Surveillance - Asbestos

Patient:	Parker, David	Job Title:		And the second s	
SSN:	XXX-XX-5004	Employer:	Envoy Environm	ental Services	•
DOB:	05/04/1986	Address:	57 Ambrose St		•
Gender:	M		D NV d	40004045	•
Marital Status:	S		Rochester, NY 1	46081215	,
Address:	151 Hallbar Rd		Shawn House Primary Contact		
			(585) 454-1060		•
	ROCHESTER, NY 14626		(585) 454-1062		•
Home Phone:	(585) 255-0014				-
Work Phone:	Ext.:	Race:	ASIAN BLACK	HISPANIC INC	IAN WHITE OTHER
The above indivi	dual was seen on 05/05/2009 in a	ccordance with:	29 CFR 19 40 CFR 76		
The following w	as performed:				
C Completic pulmonar	on and review of the standardized me y, cardiovascular, and gastrointestina	dical questionnaire I systems per Appe	and work history w andix D in 1926.110	ith special empha 1.	sis directed to the
Review o	f the employer's description of: this e ative or anticipated exposure level, a	mployee's duties as nd personal protect	s they relate to the clor to be	employee's expos e utilized by the e	ure, the employee's mployee
TI Kéview o	f information from previous medical e	xaminations if avail	able.		
	al examination with emphasis upon the			rointestinal syster	ns.
A gulmor	ary function test of forced vital capac SH and ATS standards.	ity (FVC) and force	d expiratory volume	e at one second (F	FEV 1) in accordance
CFR 192	oentgenogram, posterior-anterior, 14x 6.1101. (M)(2)(ii)(C).				
is require	according to 29 CFR 1926.1101 (M)(2 d.				
from asb	loyee was informed by the physician of estos exposure including the increased exposure.	of the results of the ed risk of lung canc	exam and of any mer attributable to the	nedical conditions combined effect	that may result of smoking and
an an an an an	noted below, this evaluation indicates creased risk of material health impair employee concerning the use of pers	ment from exposur	e to aspesios, and i	filete ale ila iccoi	ld place the mmended
Comments or limit	tations (if any):				
			1. (4.4)		- Commence of the Commence of
					A COMMISSION OF THE PARTY OF TH
		1			
	mari	ont,	MAC-	5	5-09
	Provider	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	-04-00000000000000000000000000000000000
Employee Name: Parker, David	ROCHESTER NY	14626
	IVOOI IDO 1 HI I	14020
Employer: Envoy Environmental Services	Employee S\$N: XXX-XX-5004	
Check Type of Respirator(s) To Be Used (Check ✓ ALL that apply)	Extent of Useage   (Check VALL that a	ipply)
Air-purifying (non-powered)  Air-purifying (powered)	On a daily basis Total Hours	
Atmosphere supplying Respirator	Occasionally - but not more than twice	o a week Total Hours
Combination air-line and SCBA	Rarely - or for Emergency situations	only Total Hours
Continues-Flow Respirator	Expected Physical Effort Required (C	heck VALL that apply)
Supplied-Air Respirator	☐ Light ☐ Moderate ☐	] Heavy
Open Circuit SCBA Closed Circuit SCBA	Exposure to Hazardous Materials (C	heck VALL that apply)
Dust Mask 1/2 Face with Canisters Full Face with Canisters	ren	nzene
Make: Model: Cartridge:	☐ /1/30/11/0	itton Seed / Dust
Special Work Conditions (Check Y ALL That Apply When Wearing Respirator)	+	rmaldehyde
Destruction Clathian	Methylene Chloride	
High Places Enclosed Places Protective Clothing	∐ Textiles	romium
Temperature Extremes Mostly Cold Mostly Hot	Other(s):	Days
Other:	EVALUATION AUTHORIZATION BY:	
Questionare will be: HAND CARRIED MAILED OTHER	Signal	ure of Employer Representative
DO NOT WRITE BELOW THIS LINE DO NOT WRITE B	BELOW THIS LINE DO NOT	WRITE BELOW THIS LINE
PLHCP WRITTEN STATEMENT for RESPIR	RATORS (EMPLOYER)	
THE FOLLOWING		
	r contact only. The Americans with Disabilities Act	
		us.
		, ιφ.
" A service and managery way he informed should necessary restrictions on the work of duties	of Sil Cimployee and inserting a con-	
Supervisors and managers may be informed about noon appropriate, if the disability might require     First aid and safety personnel may be informed, when appropriate, if the disability might require	and gondy treatment	
Based upon my findings, I have determined that this individual (Check ALL that apply)	(ALSA) added to recognizate approved and the	2908
Employee must schedule a medical examination with Concentra Medical Centers	(NY) prior to (espirator approves and we	,044·
Class I - No Restrictions on Respirator Use	or Escape Only Other:	
Class II - Some Specific Use Restrictions	or Escape Unity	
Class III - Respirator Use is NOT PERMITTED		
Further Yesting / Evaluation is Required. 2		
Fit Test Required Fit Test Performed Satisfactorily	- Modical Contare (N)	
Fit Test Performed Unsatisfactorily	scription eyewear needed to accommodate respirate	Of.
W. I STIECKE DIESCHDROIL CYCHOOL HOTTER TO THE TABLE TO T	scription eyewear needed to accommodate respirat	Oi .
Facial hair needs to be shaved to assure tight seal on certain face masks.		
	to Concentra Medical Centers (N)	() _
Physician or other Licensed Healthcare Plotessional Employee must seek further medical evaluation by a private physician who must submit a report	THE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLU	
of his/her findings to		
(Check ✓ ALL that apply)		
The above individual HAS been examined for respirator fitness in accordance with 29 CFR 191	0.134. This limited evaluation is specific to respirate	)[ nian
Vice only Employees should be instructed to report any difficulties in using respirators of change	e of any physical status to their supervisor or physic	Jan.
This evaluation included the Respiratory Questionnaire outlined in 29 CFR 1910, 194.	pedical evaluation consisted of a review of OSHA's	Medical Evaluation
Questionnaire in Appendix C Part A Section 2. In accordance with 29 CFR 1310, 134, this white to report any difficulties in using respirators or change of any physical status to their supervisor	or physician. This evaluation included the Respirate	ory Questionnaire
	of the results of this evaluation and of any medical c	onditions resulting from
The street may require further explanation or treatment. Where applicable, the above hard	ISO IIIONAGAN MAS ACCUMINATION OF IIIO MAS ATTE	ek of inuð caucei
attributable to the combined effect of smoking and asbestos, lead and/or other chemical expos	ritė(s).	
m		1
Physician's Signature	Physician's Name (Printed	1
5 d 4 2		Evolege On
Physician's License Number (Optional in Most States)	Date of Exam	Expires On
,	Print Daf	te: 05/05/2009
r_pihcp_stmt_resp_employer Page 1 of 1		
To be maintained in the employee's file	with a copy to the employee (Nevision)	OVINGITOR

STATE OF NEW YORK - DEPARTMENT OF LABOR

ASBESTOS CERTIFICATE

THEODORE ATRONNES
CLASS(EXPIRES)
CLA

CERT# 07-00223
DMV# 775062693
MUST BE CARRIED ON ASBESTOS PROJECTS

New York State Department of Health Certificate of Asbestos Safety Training This form is the official record of successful completion of a New York State accredited asbestos safety training course. Certificate No. I - To be completed by Trainee NYS Depart. of Motor Vehicles ID (DMV ID)1 Name of Trainee (print) Date of Birth1 Telephone Number Signature of Trainee Address 20 (Zip Code) (Street or PO Box) (City) II - To be completed by Training Sponsor Telephone Number Provider's Name perstone Training Institute Course 1680 Lyell Avenue Suite 200 Location: zip Rochester, NY 14606 NYS DOH use only Course Title: PROJECT MONITOR Initial X Refresher DOH Equivalency² Training Language: X English Exam Grade/Date: Other: Dates of Training: From: 4 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) ²DOH Equivalency signed by NYS DOH representative only

Optional Information

DOH-2832 (10/03)

This form is the official record of successful completion of a New Y	fork State accredited asbestos safety training course.  Certificate No. 22277
	pleted by Trainee
Name of Trainee (print)	NYS Depart. of Motor Vehicles ID (DMV ID) ¹
TROUNES, Theodore 4.	775 - 062 - 693  Telephone Number Date of Birth
Signature of Trainee	
The state of the s	(583) 202-5733 06/21/1973
Address 320 ENGLISH RD. ROCKEST	xx, xx, 14616
(Street or PO Box) (City)	' (State) (Zip Code)
II – To be complete	d by Training Sponsor
Provider's Name	Telephone Number 585-319-3625
Address 1690 Lyon Are	Course Location: SAMA
Zip Code 14606	NYS DOH use only
Course Title: TASSECTOR RESPUSING	Initial Refresher DOH Equivalency ²
Training Language: K English Other:	Exam Grade/Date: 7/9/19/19/19/19
Dates of Training: From: 4/5/1970:	Exam Grade/Date: 9/9/// 1/5/09
I certify that the asbestos safety training course given or TSCA Title II, was consistent with the curriculum and Health, and the trainee receiving this certificate complete.	the above date complied with both 10 NYCRR Part 73 and instructors approved by the New York State Department of d the training course and successfully passed the examination.
Training Director ² : (Print)	
I-2832 (10/03) Optional Information ² DOH Equival	lency signed by NYS DOH representative only DEPT. OF LABOR

## Concentra Medical Centers (NY)

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

## EMPLOYER AUTHORIZATION AND INFORMATION FOR RESPIRATORY EVALUATION

MPLOYER TO COMPLETE THE FOLLOWING:	Address:		
	320 English Rd		
Employee Name: Tronnes, Theodore A.	ROCHESTER	NY	14616
Tarak Facionmental Services	Employee SSN: XXX-XX-589	7	
Employer: Envoy Environmental Services	Extent of Useage Check V		
Check Type of Respirator(s) To Be Used (Check ✓ ALL that apply)  Air-purifying (non-powered)	Con a daily basis To	ital Hours	
Air-purifying (non-powered)  Atmosphere supplying Respirator	Occasionally - but not mor	re than twice a we	ek Total Hours
Combination air-line and SCBA	Rarely - or for Emergency	situations only	Total Hours
Continous-Flow Respirator	Expected Physical Effort Req		
Supplied-Air Respirator	☐ Light ☐ Moderate		
Open Circuit SCBA Closed Circuit SCBA  Closed Circuit SCBA  Full Face with Canisters Full Face with Canisters	Exposure to Hazardous Mate	rials (Check v	ALL that apply)
LI Dust Mask Li 1/2 Face with Complete	Arsenic	Benzene	B
Make: Model: Cartridge:	Coke Oven	Cotton Se	
Special Work Conditions (Check Y ALL That Apply When Wearing Respirator)	☐ Cadmium	Formalde Lead	anyue
	☐ Methylene Chloride ☐ Textiles	Chromiur	п
LI Migit Places	Other(s):		
Temperature Extremes Mostly Cold Mostly Hot Other:			**
Questionare will be: HAND CARRIED MAILED OTHER	EVALUATION AUTHORIZATION	ON BY:	nployer Representative
4,444	'E BELOW THIS LINE	DO NOT WRITE	BELOW THIS LINE
PLHCP WRITTEN STATEMENT for RES			
This report may contain confidential medical information and is intended for the designated emp (ADA) imposes very strict limitations on the use of information obtained during physical examina must be collected and maintained on seperate forms. In separate files, and must be treated as a Supervisors and managers may be informed about necessary restrictions on the work or during and safety personnel may be informed, when appropriate, if the disability might require assed upon my findings, I have determined that this individual in the disability might require assed upon my findings, I have determined that this individual in the disability might require assed upon my findings, I have determined that this individual in the disability might require assed upon my findings, I have determined that this individual in the disability might require assed upon my findings, I have determined that this individual in the disability might require assed upon my findings, I have determined that this individual in the disability might require assed upon my findings, I have determined that this individual in the disability might required. If the disability might required in the disability might required. If I have a second for the disability might required in the disability might required. If I have a second for the disability might required in the disability might required. If I have a second for the disability might required in the disability might required. If I have a second for the disability might required in the disability might required. If I have a second for the disability might required in the disability might required in the disability might required. If I have a second for the disability might required in the disability might required. If I have a second for the disability might required in the disability might required. If I have a second for the disability might required in the disability might required. If I have a second for the disability might required in the disability might required. If I have a second for the	confidential medical record, with the follow ties of an employee and necessary accommunities of a manufacture of a manufact	ring exceptions.  proval and usage.  r:  date respirator	
(CheckALL that apply)		t to respirator	
to 1 the much 70 CER	t 1910,134. This limited evaluation is specification of any obvious status to their superv	ic to respirator risor or physician.	
use only. Employees should be instructed to report any difficulties in using respirators of si			e e constan
This evaluation included the Respiratory Questionnaire outlined in 29 CFR 1910.134.  The above individual HAS NOT been examined by me for respirator filness. The employed the above individual HAS NOT been examined by me for respirator filness. The employed the above individual HAS NOT been examined by me for respirator filness. The employed the above individual HAS NOT been examined by me for respirator filness.	e's medical evaluation consisted of a review	v of OSHA's Medica	l Evaluation voutd be instructed
The above individual HAS NOT been examined by me for respirator fitness. The employe Questionnaire in Appendix C Part A Section 2. In accordance with 29 GFR 1910.134, this to report any difficulties in using respirators or change of any physical status to their super	limited evaluation is specific to respirator as	the Respiratory Que	estionnaire
to report any difficulties in using respirators or change or any physical status to their super-			
outlined in 29 CFR 1910.134.  In accordance with specific OSHA requirements, I have informed the above named individed exposures that may require further explanation or treatment. Where applicable, the above attributable to the remains of the other chemical exposures.		iny medical condition increased risk of lur	ng cancer
	Physician's Name	e (Printed)	
Physician's Signature Douglas MINCES, B.P.A C.			, , , ,
Physician's License Number (Optional in Most States)	Date of Exam	Ext	oires On
the state of the s	A CONTRACTOR OF THE CONTRACTOR	Print Date:	05/07/2009
r_pihcp_stmt_resp_employer Page 1 of 1 To be maintained in the employee's	file with a copy to the employee	Revision Date:	06/29/1999

# 

RESPIRATOR FIT TEST RECORD	Se's Name: TED TROMMES	Employee's Social Security Number: 5897	Fit Test Date: 4-16-0% Person Conducting Fit-Test:	Respirator Selected for Test: Free	cture: North Model: 540d	tor Size: Large	Type of Fit - Test Conducted: Qualitative Type of Agent Used: Irritant Smoke	Was Rainbow Passage Used: Yes: \( \sum_{\text{No:}} \)	Was Face Piece to Face Seal Obtained: Yes: No:	Signature of Person Performing Fit Test:	
	Employee's Name:	Employee's Social S	Fit Test Date: 4-16-	Respirator Selected	Manufacture:	Respirator Size:	Type of Fit - Test C	Was Rainbow Pass	Was Face Piece to I	Signature of Person	

## UONCENTRA WEGICAL CENTERS (NY) 687 Lee Rd Suite 208 Rochester, NY 14606 Phone: (685) 458-7910 Fax: (585) 458-7507

## Medical Surveillance - Asbestos

Patient:	Tronnes, Theodore A.	Job Title:			
SSN:	XXX-XX-5897	Employer:	Envoy Environm	ental Services	
DOB:	06/21/1979	Address:	57 Ambrose St		
Gender:	М		Rochester, NY 1	146081215	
Marital Status:	S	inh Cantacti	Shawn House	14000 12 10	
Address:	320 English Rd		Primary Contact		
• • • • • • • • • • • • • • • • • • • •			(585) 454-1060	AV =	
	ROCHESTER, NY 14616		(585) 454-1062	A Lipino de la companya de la compan	
Home Phone:	(585) 202-5733				
Work Phone:	Ext.:	Race:	ASIAN BLACK	HISPANIC IND	IAN WHITE OTHE
The above individ	dual was seen on 05/07/2009 in a	ccordance with:	29 CFR 19 40 CFR 76		
The following w	as performed:				
Completic pulmonar	on and review of the standardized me y, cardiovascular, and gastrointestina	ıl systems per Appe	naix D in 1926. Fic	/ 1 -	
Review of	f the employer's description of: this e ative or anticipated exposure level, a	mployee's duties as nd personal protect	s they relate to the ion equipment to b	employee's expos e utilized by the er	ure, the employee's mployee.
	f information from previous medical e				
	l examination with emphasis upon th			rointestinal systen	ns.
A pulmon	ary function test of forced vital capac SH and ATS standards.	ity (FVC) and force	d expiratory volume	e at one second (F	EV 1) in accordance
CPR 192	pentgenogram, posterior-anterior, 14) 5,1101. (M)(2)(ii)(C).				
js/fequire					
from asb	loyee was informed by the physician estos exposure including the increase exposure.	of the results of the ed risk of lung canc	exam and of any r er attributable to th	nedical conditions e combined effect	that may result of smoking and
	noted below, this evaluation indicates creased risk of material health impair employee concerning the use of pers	ment from exposur	8 (0 92062102, and	filete at tun teent	d place the nmended
Comments or limi	tations (if any):	And Address of the Williams		ALCONOMY.	
-					
A Residence Hellings V. V.		**************************************		Adameter	
	~7/3			Cil	17/25
	of the state of th	Signature			Date
	A.tovioe	r Aldridie			

## NEW YORK STATE DEPARTMENT OF LABOR

DIVISION OF SAFET AND HEALTH LICENSE 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: 020527 LICENSE NUMBER: 28454 LICENSE CLASS: RESTRICTED DATE OF ISSUE: 06/19/2009 EXPIRATION DATE: 06/30/2010

Duly Authorized Representative | Geoffrey M Reed

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

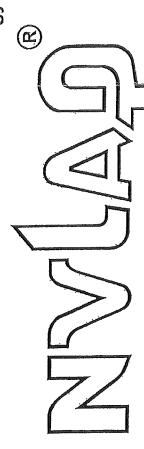
Effective dates

or the National Institute of Standards and Technology

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

Page 1 of 1

United States Department of Commerce National Institute of Standards and Technology



## Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200530-0

## Paradigm Environmental Services, Inc.

Rochester, NY

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

## BULK ASBESTOS FIBER ANALYSIS

This 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



For the National Institute of Standards and Technology

Effective dates

## 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

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

777777771111

Duly Authorized Representative | Geoffrey M. Rees

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 26). 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 the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been ussued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Maureen A. Cox, Director FOR THE COMMISSIONER OF LABOR

SH 432 (4-07)

## NEW YORK STATE DEPARTMENT OF HEALTH WADSWORTH CENTER

RICHARD F. DAINES, M.D.



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

## CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

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

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

Miscellaneous Air

Asbestos

NIOSH 7402

YAMATE, AGARWAL GIBB

NIOSH 7400 A RULES

Fibers

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:

		Nitroaromatics and Isophorone	٠.
Metals I	EPA 6010B	2,4-Dinitrotoluene	EPA 8270C
Iron, Total	-EPA 6010B	2,6-Dinitrotoluene	EPA 8270C
Lead, Total	EPA 6010B	Isophorone	EPA 8270C
Magnesium, Total	EPA 6010B	Nitrobenzene	EPA 8270C
Manganese, Total	•	Pyridine	EPA 8270C
Nickel, Total	EPA 6010B	•	
Potassium, Total	EPA 6010B	Nitrosoamines .	
Silver, Total	EPA 6010B	N-Nitrosodimethylamine	EPA 8270C
Sodium, Total	EPA 6010B	N-Nitrosodi-n-propylamine	EPA 8270C
Metals II		N-Nitrosodiphenylamine	EPA 8270C
Aluminum, Total	EPA 6010B	Petroleum Hydrocarbons	
Antimony, Total	EPA 6010B	Diesel Range Organics	EPA 8015 B
Arsenic, Total	EPA 6010B	Gasoline Range Organics	EPA 8015 B
Beryllium, Total	EPA 6010B		
Mercury, Total	EPA 7471A	Phthalate Esters	•
Selenium, Total	EPA 6010B	Benzyi butyl phthalate	EPA 8270C
Vanadium, Total	EPA 6010B	Bis(2-ethylhexyl) phthalate	EPA 8270C
Zinc, Total	EPA 6010B	Diethyl phthalate	EPA 8270C
		Dimethyl phthalate	EPA 8270C
Metals III		Di-n-butyl phthalate	EPA 8270C
Cobalt, Total	EPA 6010B	Di-n-octyl phthalate	EPA 8270C
Thallium, Total	EPA 6010B	Deliveblasingted Piphopuls	
Miscellaneous	•	Polychlorinated Biphenyls	ED 4 0000
Asbestos in Friable Material	EPA 600/M4/82/020	PCB-1016	EPA 8082
	Item 198.6 of Manual (NOB by F	PCB-1221 PLM)	EPA 8082
Asbestos in Non-Friable Material-PLM	ITEM 198,4 OF MANUAL	PCB-1232	EPA 8082
Asbestos in Non-Friable Material-TEM	EPA 9045C	PCB-1242	EPA 8082
Hydrogen Ion (pH)	LF A 30400	PCB-1248	EPA 8082
		PCB-1254	EPA 8082

Serial No.: 39167

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





## National Voluntary Laboratory Accreditation Program



## 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

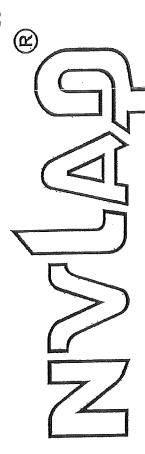
Effective dates

or the National Institute of Standards and Technology

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

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United States Department of Commerce National Institute of Standards and Technology



## Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200530-0

## Paradigm Environmental Services, Inc.

Rochester, NY

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

## AIRBORNE ASBESTOS FIBER ANALYSIS

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2009-07-01 through 2010-06-30



Colly St. Buces For the National Institute of Standards and Technology