

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

August 17, 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 Plaza McCurdy's 4<sup>th</sup> Floor, Work Area A and B at the above referenced project site. All detailed records are attached, grouped and tabulated by major record type. These include: survey and confirmed removal quantities, applicable variances, daily air logs, daily air sampling reports, miscellaneous bulk sample reports, daily project monitoring logs, maps of sampling locations, and field and lab certifications. Abatement contractor certifications and signed off work plans are incorporated by reference only. These documents are found in the containment logs, maintained by LIRO Engineers, for the dates referenced below.

The project air background samples were taken on September 14, 2009 and project containment set up began on January 12, 2010. The project continued until completion of abatement as confirmed by satisfactory air samples and Final Visual Inspection on January 30, 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.

4 <sup>th</sup> Floor - Area A & B	Total 4 <sup>th</sup> Floor	Area A Only	Area B Only
Material Type	<b>Original Survey Quantities</b>	Verified Removal	Verified Removal
		Quantities	<u>Quantities</u>
Spray-on Fireproofing	61,600 Square Feet	13,398 Square Feet	15,792 Square Feet
Ceiling System	41,100 Square Feet	6,100 Square Feet	9,075 Square Feet

Fire Doors 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.

CC: Paul Mahoney, Envoy Environmental Consultants, Inc.

#### Notifications & Quantities Cover Summary



#### **Asbestos Project Notification**

Project Reference Number: 25747002

Type: Amended Notification

Status: Notification Received

Notification Received: 10/16/2009

Payment Status: Pald in full

Number of amendments: 1

Notification Entered By: Bristol

Environmental, Inc.

#### Contractor Information

FEIN:232767393

#### Bristol Environmental, Inc.

Mailing Address

1123 Beaver Street

Bristol PA 19007

Asbestos License Number: 31019

#### **Duly Authorized Representative**

Emest M Decaro III, Officer

Phone Number:

215-788-6040

E-mail Address:

joycel@beigroup.com

#### Project Information

Project Start Date: 11/2/2009 Project End Date: 9/2/2010 Project Location County: Monroe

#### **Project Location**

Bullding Name: mccurdy bldg.

Room or Location: all floors

Bridge ID#:

Address Line 1: 285 east main st.

Address Line 2:

City Town or Village: rochester

State: New York

Zip Code: 14604

#### **Building Information**

Current Use: Vacant

Prior Use: Other

Approximate Year Built: 1960

Size(sq.ft): 460000

Is this fee exempt project?: NO

Reason:

#### **Bullding Representative/Site Contact**

Name: robert kreuzer

Phone Number: 7168825476

E-mail Address: Cell Phone Number:

Phase Detalls

Phase#

Phase Start Date

**Phase End Date** 

Phase Location

Phase Scope

**Sub-Contractor Details** 

Name:

Asbestos License Number:

Safe Side Environmental Restoration Inc.

47842

Night/Weekend/Shift Work Details

m-f7a-330p may work evening and weekend to meet schedule

Party for Whom Work is being Performed

First Name:

Last Name:

Organization: Apt./Sulte:

cambria contracting

Address Line 1:

5105 lockport rd

Address Line 2:

City Town or Village:

lockport

Province:

State: Country: NY

Zip Code: Contract Dollar Amount:

\$5,200,000.00

14094

United States

Variance Information

AV-A-2:Negative Air Ventilation Exhaust greater than 25 feet in length.
AV-A-3:Non-friable ACM Floor Covering Mastic Removal Using Chemical Methods along with Low-speed Floor Buffers.

Procedures and Type of Equipment and Ventilation Systems Used

hepa vacuums negative air vehitlation machines, water hoses airless sprayers collapsible showers respirators

Air Monitoring Firm

Name:

Asbestos License Number:

Envoy Environmental Consultants, Inc.

28454

**Laboratory Performing Analysis** 

Name:

**ELAP** Registration Number:

paradigm

10958

Type of Asbestos Work

Pipe Related:

Yes No

Slding:

No

Clean up: Caulking/mastic:

Yes

Vessel covering: Spray-on insulation: Yes Yes

Roofing/flashing:

Yes

VAT:

Yes

Demolition:

No

Demolition Ref#:

Other-specify:

mirror,ceiling,tile transite

cooling tower

Waste Transporter

Name: riccelli trucking

NYS DEC or EPA Permit Number: 7a402

Phone Number: 3154335115

Apt./Suite:

Address Line 1: 6131 east taft rd

Address Line 2:

City Town or Village: syracuse

Province: State: NY Zip Code: 13212

Country: United States

Landfill

Name: lesi seneca meadows

Phone Number: 3155395624

Apt./Suite:

Address Line 1: 1786 salcman rd

Address Line 2:

City Town or Village: waterloo

Province:

State: NY Zip Code: 13165

Country: United States

Type and Amount of Asbestos Containing Material

Friable linear feet:

7660

Friable square feet:

175450

Non-friable linear feet:

6300

Non-friable square feet:

147700

Fee

Total linear feet: 13960.0 Total square feet: 323150.0 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

11.0	The state of the s		
Linear Feet:	Fee	Square Feet:	Fee
0 - 259 feet:	\$0	0 - 159 feet:	
260 - 429 feet:	-	0 - 109 1991	\$0
200 - 423 188I:	\$200	160 - 259 feet:	\$200
430 - 824 feet:	\$400		母としし
	<del>\$4</del> 00	260 - 499 feet:	\$400
825 - 1649 feet:	\$1000		
		300 - 999 feat:	\$1000
Toou or more feet:	\$2000	1000 or more feet	62000
1650 or more feet:	\$2000	500 - 999 feet: 1000 or more feet:	\$1000 <b>\$2</b> 000

#### Remarks



#### Asbestos Project Notification

Project Reference Number: 25747002

Status: Notification Received

Type: Amended Notification

Notification Received: 10/16/2009

Payment Status: Paid in full

Number of amendments; 2

Notification Entered By: Bristol

Environmental, Inc.

#### Contractor Information

FEIN:232767393

Bristol Environmental, Inc.

Mailing Address

1123 Beaver Street

Bristol PA 19007

Asbestos License Number: 31019

Duly Authorized Representative

Ernest M Decaro III, Officer

215-788-6040

Phone Number: E-mail Address:

joycel@belgroup.com

Project Information

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Project Location

Building Name: mccurdy bldg. Room or Location: all floors

Bridge ID#:

Address Line 1: 285 east main st.

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City Town or Village: rochester

State: New York Zip Code: 14604

**Building Information** 

Current Use: Vacant

Prior Use: Other

Approximate Year Built: 1960

Size(sq.fi): 460000

is this fee exempt project?: NO

Reason:

Building Representative/Site Contact

Name: robert kreuzer

Phone Number: 7168825476

E-mail Address:

Call Phone Number:

**Phase Details** 

Phase Start Date Phase#

Phase End Date

Phase Location

Asbestos License Number:

Phase Scope

Sub-Contractor Details

Name:

47842

Safe Side Environmental Restoration Inc.

Night/Weekend/Shift Work Details

m- f 7g - 330p may work evening and weekend to meet schedule

Party for Whom Work is being Performed

First Name:

Last Name:

Organization:

cambria contracting

Address Line 1:

5105 lockport rd

Apt/Suite: Address Line 2:

City Town or Village:

lockport

Province:

State:

NY

Zip Code:

14094

Country:

United States

Contract Dollar Amount:

\$5,200,000.00

Variance Information

AV-A-2:Negative Air Ventilation Exhaust greater than 25 feet in length.
AV-A-3:Non-friable ACM Floor Covering Mastic Removal Using Chemical Mathods along with Low-speed Floor

Individual Variance Petition Number: 09-0943

Procedures and Type of Equipment and Ventilation Systems Used

hepa vacuums negative air vehitlation machines, water hoses airless sprayers collapsible showers respirators

Air Monitoring Firm

Name:

Asbestos License Number

Envoy Environmental Consultants, Inc.

28454

Laboratory Performing Analysis

Name: paradigm **ELAP Registration Number:** 

10958

Type of Asbestos Work

Pipe Related:

Yes

Siding,

No

Clean up:

Νa Yes Vessel covering: Spray-on insulation: Yes Yes

Caulking/mastic: Roofing/flashing:

Yes

VAT:

Yes

Demolition:

No

Demplition Ref#:

Other-specify:

mirror,ceiling,tile transite cooling tower

Waste Transporter

Name: riccelli Irucking

NYS DEC or EPA Permit Number: 7a402

Phone Number: 3154335115

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Address Line 1: 6131 east taft rd

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Province:

State: NY Zip Code: 13212

Country: United States

Landfill

Name: iesi seneca meadows

Phone Number: 3155395624

Apt./Suite:

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Address Line 2:

City Town or Village: waterloo

Province:

State: NY Zip Code: 13165

Country: United States

Type and Amount of Asbestos Containing Material

Friable linear feet:

7660

Friable square feet:

175450

Non-friable linear feet:

6300

Non-friable square feet:

14<u>770</u>0

Fee

Total linear feet: 13960.0 Total square feet: 323150 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:
430 - 824 feet:

Square Feet: 0 - 159 feet:

Fee \$0 \$200

825 - 1649 feet: 1650 or more feet: \$200 \$400 \$1000 \$2000

Fee

\$0

160 - 259 feet: 260 - 499 feet: 500 - 999 feet:

1000 or more feet:

\$400 \$1000 \$2000

Remarks



# New York State Department of Labor Division of Safety and Health Ashestor Project Notification Bullding 12-Room 161B State Office Campus Albany, NY 12240 (518) 485-9263 Ashestor Project Notification

A.Theological	was of notification below	The state of the s	
Check only one	type of notification below.	-	
. Initial		nt of Labor must receive this notification an	d fee at least
Renewal	10 days before the project starts.  Complete all sections Submit with f	ee within the last 30 days of a project that w	ill extend
,	beyond 12 months.	• •	
Amended Cencelled		sections completed and amended trem(s) ch of initial notification or complete all section	
Emergency	You must first call 518-485-9263 for	prior approval of emergency status, then	
	complete and cetum this form include Emergency reference #	ng:	
# Service for			
Provide all inforc	gation requested below.		
I. FEIN	213-2767300	2. Ashestos license number 3101	.9
3 Contractor pan	ne and address	4. Mailing address (if different)	
Bristol	Environmental, Inc.	-	
1123 Be	eaver Street		10157- 4 : NR.
Bristol	, PA 19007		
· Millianne and Marie and	•		
C Properties have			
Provide all inform	notion requested below for the building to	ite where the asbestos project will be condu	rted
	Storting date 11/2/09		
		Completion date	,
6. Project location	L County Monroe		
Name of buil	ding McCurdy Build	ing	2
Room or other	r specific location All floor	S	
Bridge Projec	ts only. Bridge ID Number:	MITTER MARKETS	, y , 1344111111111111111111111111111111111
Sirect address	285 East Main Street		
City, Town or	r Village Rochester	State NY Zip Code	14604
7. Building inform	ation	•	•
Current use _	Vacant	Year built Last renova	tion 196
Prior use S	tore & Offices	Building size 460,000	sq. ft.
	nd building? No Yes	•	
8. Duilding repres	entative/site contact; Name Robert	Kreuzer Phone munica 16-88	2-5476
SH 483 (04-09)			

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		•	City, Town or	Village_	Locks	port,	NY.	14094		
			City, Town-or V			Zip Code		.4094		
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<ol> <li>Type of asbestos w</li> </ol>	ork (check all that apply)			
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	muit number: 7A402 Gi31 East Taft	_	and a second of the property of the comments of	
City, Town or	Village: Syracuse	3		
State: NY				
Phone aumbe	13212 r.315-433-5115			
18. Weste disposal site		:		
Name_IES	I - Seneca Mead	lows, Inc.	and the second s	
	1786 Selcman			1
City, Town or	. Village: <u>Waterlou</u>			
	NewYork	or Province	}*.	
Zip Code: <u>1</u>	3165 .			
Phone numbe	r: <u>315-539-5624</u>	to the same of the		•
19. Two and amount o	of asbestos-containing mater	rial involved		•
Friable linear feet	7,660	The state of the s	feet	75,450
Non-Friehle linear fe	et + 6,300	Non-Frishle s	mare feet ÷	47,700
Total linear feet	= 13,960	Total square	feet = 3	23.150
a. Resident				
This fee is non-refunda	ible. Refer to Item 19 to col	lculate your require	d fees	
Check one box for line	ar feet and one box for squa	ure feet.	•	
20. Fee schedule:	a) Linear feer		b) Square feet	•
	0-259	(\$0)	0-159	(50)
	260 - 429	(\$200)	160-259	(\$200)
•	430 - 824	(\$400)	260 - 499 .	(\$400)
			☐ 500 <b>-</b> 999	(\$1,000)
	₭ 1650 or more	•	•	re(\$2,000)
21. Total fee due for pr	oject \$ 4.000'.00	(add	1 20% and 20b)	

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Use this area to provi	de additional information	Attach additional sheets if	necessery.	,
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			10-15-09	-
Signature of the Contracto	goodly Authorized Repre	seguative Da	ite	

Date

Print name of the Contractor or Duly Authorized Representative



#### New York State Department of Labor Division of Safety and Health Ashestos Project Notification Building 12-Room 161B State Office Campus Albany, NY 12240 (518) 485-9263

Asbestos <u>Project Notification</u>

#### Filling are where project motion is

Who must provide asbestos project notification

If the exhestos removal project is:

Incated within New York State

involves more than 260 linear feet or 160 square feet of asbestos or asbestos-containing material in a building. you must notify the Asbestos Control Board before starting work on the removal, encapsulation, enclosure or disturbance of Grable

asbestos, or before handling material containing asbestos that may result in the release of asbestos fiber.

		1	Method of northing 1880 1880						
			Written potification	Telephone notification					
	in the last		At least 10 calendar days prior to project start date	Does not apply					
		Renewal	Within the lest 30 days of a project that will extend beyond 12 months	Does not apply					
ar nothic action	fed	Postpoued	At least 3 colendar days prior to new start date and at least 1 colendar day prior to initial notification start date	At least 1 calendar day prior to midel notification start date					
	Àmended	Cancelled	At least 1 calendar day prior to initial notification start date	At least 1 calendar day prior to initial notification start date					
		Note: Amended re You cannot	cphone notification requires written follow-u change the completion date beyond one year	p within 5 working days. from the start datt.					
		Ешегревсу	Within 3 working days of telephone notification and approval of emergency status by the Asbestos Control Bureau	As emergency situation arises					

#### When to We a potlication

A new notification and project for must be sent if any of the following occur:

- A different contractor becomes responsible for the project (excluding sub-contractors)
- The location of the project changes
- The completion date on the initial notification has passed and no amendment has been filed

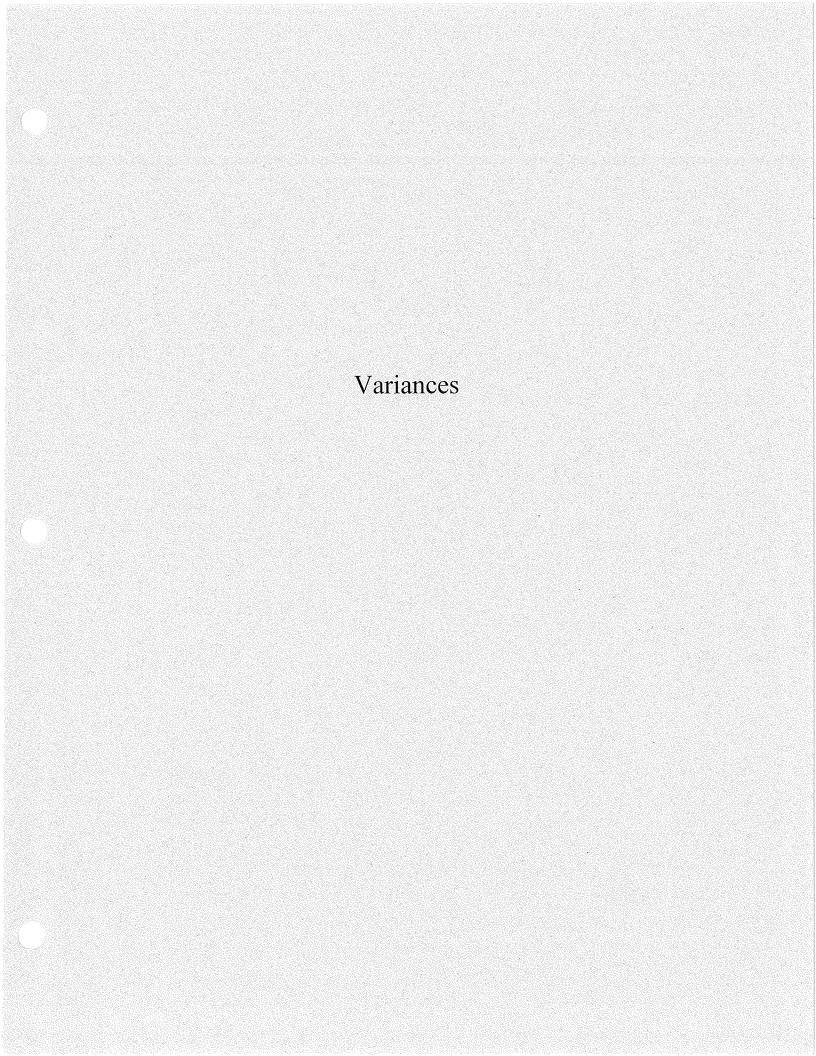
For a postponed project with an unknown starting date, on amendment must be filed within the paried specified above. Once a starting date is determined, another amendment must be filed at least 3 calendar days prior to that date.

If any of the information contained in the previous notification changes, an amended Asbastos Project Notification form must be sent. If the amount of asbestos increases an additional fee must be sent in with the amended notification.

#### How to file a notification

- Send the completed signed form to:
  - New York State Department of Labor Division of Safety and Health, Asbestos Project Notification Building 12-Room 161B State Office Campus Albany, NY 12240
- You must include the fee with the notification.
- Keep a copy for your records.
- Include a check or money order, payable to the Commissioner of Labor, for the fee due based on the project size as shown in item 19. The nonlicenton is not complete until the non-refundable fee is received by the Department of Labor.

For additional information see Part 56. Title 12 of the Official Compiletion of Codes, Rules and Regulations of the State of New York (12 NYCRR Part 56). You can see a copy on-line at www.labor.stoke.ny.us.





New York State Department of Labor Division of Safety and Health - Engineering Services Unit Bullding 12 , Room 159 State Office Campus Albany, N.Y. 12240

#### Petition for an Asbestos Variance

<ul> <li>Sign and date page two of the certification and</li> <li>Send two copies of the petition and all attachmo</li> <li>Make your check or money order paya</li> </ul>	nd two of this asbestos variance request. Please type or print. all of the attachments. ents, with your \$350 fee, to the address at the top of this page. ble to the Commissioner of Labor. clude a self-addressed, stamped, express-mail envelope.
2a. Name of Petitioner, (Property Owner): Empire b. Street Address: 400 Andrews Street - Su c. City: Rochester f. Telephone Number: (585) 325-1944 h. Petitioner's Federal Employee Identification Numbe	d. State: <b>NY</b> e. Zip: <b>14604</b> g. Fax Number: ( <b>585</b> ) <b>325-6505</b> r (FEIN)
3a. Petitioner's Agent (Asbestos Contractor) Firm N	ame: Cambria Contracting
b. Street Address: 5105 Lockport c. City: Lockport f. Telephone Number: (716) 625 - 6690	d. State: NY e. Zip: 14094 g. Fax Number: (716) 625-6693
4a. Asbestos Contractor License No. 29410	b. Name of Firm: Cambria Contracting
b. These premises are situated on the North, c. County of Monroe d. Street Address: Main / Broad / Euclid e. City Rochester h. Is building occupied? Yes X No i. Current function of building: Vacant	f. State: NY g. Zip
building, etc.:	East, West) of building? i.e. sidewalk, alley, land, another ler vacant buildings in Midtown complex
6. Order To Comply or Notice of Violation. Attach of a. Issued to:  OwnerAsbestos Contract b. Name on Order or Notice:  d. List the Industrial Code Rule (ICR) citations given or	torOperatorOther c. Date issued: / /
7. If a variance has been granted previously for work ca. Variance number: File No. 07-0501	losely resembling this project list: b. Date variance granted: 07 / 07 / 07

Note: Add a separate typed or printed page for each work area and work procedure. Sign and date each page.

Work An	es Descri						
Vork Area Designation	Exterior or Interior	Wark/Room Area Dimensions	Type of Asbestos Containing Material (ACM)	Quantity of ACM	Condition of ACM (lavel of damage)	Friability of ACM (non-friable or friable)	Type of Containment (full, 2-layer tent, single layer tent, open-air, etc.)
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#### 9. Reason for Request

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The project consists of the removal of ACM located at the Midtown Plaza McCurdy's Building. The buildings are part of a major demolition and revitalization project in downtown Rochester, New York. This building was one of the original buildings on this site and through its history and as the Mall complex grew and expanded, had several additions. The unique areas each have their own complexities and the areas are well defined. Included in this petition are abatement plans indicating the work areas as well as corresponding contamination assessment performed in September 2009 – after buildings had been fully vacated and when accessibility to all areas was made possible.

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13 14 The contractor has twelve months to complete the project. The aforementioned buildings and adjacent buildings are vacant and are all scheduled for abatement and demolition. Materials and approximate quantities addressed by this petition for variance are as follows:

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#### The McCurdy's Building - Asbestos Containing Materials:

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- 19 Spray-on Fireproofing -417,500 SF
- 20 Ceiling systems 262,750 SF
- 21 Pipe insulation 6,990 LF
- Pipe insulation debris 1000 SF
- Fittings on fiberglass pipe insulation 670 fittings
- Duct/duct block insulation 2,550 SF
  - Floor tile/mastic 39,700 SF
- Terrazzo tar paper 82,500 SF
- 27 Mirror mastic 12,030 SF
- 28 Transite panels/boards 2,820 SF
- 29 Transite electrical panel 9 panel boxes
- 30 Fire doors 44 doors
- Vibration cloth/expansion joints 48 each
- 32 · Caulk at walk-in cooler 20 SF
- 33 · Windows with ACM caulk/glaze 34 each
- Mastic from 1x1 ceiling tiles 4,500 SF
- Transite cooling tower 20'x20'x15', plus 100 SF of spare transite replacement panels
- 36 Roof flashing 5.250 LF
- 37 Roof vents 3 vents
- 38 Coping tar 500 LF
- 39 Transite pipe 40 LF
- 40 Elevator components − 7 each

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 reliefs requested in this variance petition, via methods listed here within, are pre-emptive approaches to the discovery of debris above ceiling systems in the event previously unknown debris is discovered during pre-abatement inspections and are not based upon existing conditions. All materials including and above suspended and fixed ceilings, up to and including the decking are currently considered ACM and abatement methods will adhere to NYCRR56. The contractor may implement a contamination assessment to better define work areas. 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.

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, below ceiling demolition of non contaminated wall partitions will be performed as well as 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.

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

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

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

The specific reasons for requesting relief from the previously cited sections of 12 NYCRR 56 is as follows:

**56-7.2** (o) Ventilation for Power Tools – Relief from the section is primarily a clarification of the applicability of the ventilation requirement to "powered" equipment that is <u>not</u> used to saw, cut, grind or abrade ACM.

**56-7.11 (b) Isolation Barriers** – Due to open expanses of department store floors, relief is requested from installation of hardwalls between building addition borders within the building— which will also define smaller unique work areas within the whole floor containment work area (please note enclosed abatement work plans). The entire building will have access limited to only licensed asbestos workers.

**56-7.8** (a) (11) Negative Air Pressure Equipment – Exhaust location – Because of the large work area size and smaller enclosed work areas within the larger controlled work area and lack of windows for exhaust locations, need for lengths of exhaust duct is requested, as per AV-A-2 as well as applicable locations for exhaust duct locations. In certain areas we will exhaust the ducts to a stairwell, which will be exhausted via the roof

**56-8.6 (b) (1) Initial Plasticizing** – Because this work involves numerous types and applications of ACM and non-ACM building materials, clarification is requested that the sequencing of removals is consistent with the spirit and intent of 56-8.6.

**56-8.6 (b) (2) Sequential Removal** – Because this work involves numerous types and applications of ACM and non-ACM building materials, clarification is requested that the sequencing of removals is consistent with the spirit and intent of 56-8.6.

56-8.9 (c) (2) Additional Containerization — Much of the waste from this project may be containerized in suitable DOT-specified non-porous rigid containers (e.g. drums, cubic yard boxes, etc.) lined with two (2) layers of 6 mil poly and sealed airtight. Relief is requested in that the specific description of "additional containerization" may be unfeasible for this type of handling. Additionally, non-porous cleanable salvage items may be cleaned and removed from the area without containerization.

56-8.9 (e) Cart Usage and Cleaning - Handling of large rigid containers, as noted above, does not feasibly permit cart use as described in this section. Given that the

137 container itself serves the intended function of isolating and protecting the 138 bagged/wrapped waste, use of a separate cart would be unnecessary.

56-8.9 (f) Holding Carts - Same as previous.

**56-9.1** (h) Decontamination of Tools & Equipment – Certain large equipment items may not be feasibly processed through a waste decontamination system. In lieu of this, an alternative decontamination methodology is proposed.

56-11.2 (b) Emergency Procedures – The petitioner believes that the alternate methods described in the request will ensure that the spirit of ICR 56 will be observed, and the health and safety of the workers will not be compromised. If ACM debris (greater than or equal to a large project size) is encountered during the asbestos project outside of negative pressurized work areas, large project cleanup activities will be appropriately designed and a variance re-opening request will be submitted and approved to address all work area preparation, cleanup and clearance procedures.

#### **Proposal**

As an alternative to literal compliance with the aforecited Sections of 12 NYCRR 56, the following procedures will preserve the spirit and intent of the regulation by ensuring safety of abatement personnel and the public:

#### General

 No dry removal or disturbance will be permitted. Non-hygroscopic materials will be misted with amended water before, during and after removal. Friable material will be saturated.

 Work will comply with all other applicable Sections of 12 NYCRR 56, USEPA and OSHA requirements.

 A copy of the Commissioner's decision will be conspicuously posted at the entrance to the personal decontamination enclosure.

#### **Equipment Clarifications**

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The following are examples of "powered" tools that would require HEPA-filtered exhaust ventilation, as described in 56-7.2 (o), when utilized in a regulated abatement work area to remove or disturb ACM:

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- Reciprocating blade saws (e.g. sawzalls)
- Rotary blade saws
- Abrasive disk grinders
- Powered sanders
- · Abrasive media blast equipment (e.g. shot blasters)
- Floor scarifiers

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The following are examples of "powered" tools that would not require HEPA-filtered exhaust ventilation, as described in 56-7.2 (o), when utilized in a regulated abatement work area:

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 Hand held power assisted Pneumatic / electric scrapers used for gross removal (shearing) of fireproofing will use continual wetting of friable ACM material.

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 All combustion by-products of powered material handling equipment (i.e. fork truck, skid steer, mini-loader, etc.) will be monitored as per current OSHA regulations and control established as necessary for adequate protection of personnel in work area.

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#### Sequencing of Work Area Preparation and Removals

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 The work area(s) will be vacated and demarcated utilizing barrier tape and proper signage.

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 Attached personal and waste decontamination system enclosures will be constructed in accordance with 56-7.5.

207 208 209  Critical barriers shall be installed within the work areas over openings, air receptors, operable windows, etc. Where necessary, these barriers will also be mechanically fastened and/or supported. Openings 2" or less in any dimension may be sealed airtight using any effective combination of poly sheeting, tape and/or expanding spray foam.

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- Uncontaminated walls that are to remain within the work area will be plasticized with 1 layer of flame retardant 6 mil poly sheeting sealed with glue and tape. Contaminated surfaces and/or components to be demolished will not be plasticized and will instead be removed as contaminated waste or, if non-porous and fully cleanable, cleaned as part of the abatement process.

  Negative air pressure will be cetablished to the contaminated waste or an extension of the contaminated waste or as a contaminated waste or an extension of the contaminated waste or as a contaminated was a contaminated waste or as a contaminated waste or as a contami
  - Negative air pressure will be established to provide and minimum of eight
    (8) air changes per hour and -0.02 column inches of water pressure
    differential relative to pressure outside of the regulated abatement work
    area. Controlled stairwells will be used to exhaust negative air machines to
    roof level adhering to 56-7.8 (11) and including conditions and relief granted
    by AV-A-2.
  - After establishing the negative pressure regulated abatement work area, remaining partition wall will be removed above the ceiling line to the decking. Non-porous partition components may be cleaned and salvaged as scrap.
  - After removal of uncontaminated wall partitions, carpet will be HEPAvacuumed, removed and disposed of as demolition debris.
  - After carpet removal is complete, non-ACM floors throughout the work area will be plasticized either with 2 layers of 6 mil flame retardant poly sheeting or fire-retardant spray plastic if necessary, as set forth in 56-7.11.
  - No ACM will be disturbed during the above listed activities. Activities will be observed by a full-time independent project monitor.
  - After the floors are plasticized, suspended lay-in type acoustical ceiling systems will be removed and disposed of.
  - Plaster, masonry and/or sheetrock walls and column wraps that obstruct ACM or contaminated areas will be demolished. Contaminated debris from this process will be containerized and disposed of as regulated friable asbestos waste.
  - Mechanical, electrical and plumbing ("MEP") systems that are specified for demolition will be removed. These components, if non-porous, may be cleaned and salvaged. Other materials (e.g. fiberglass insulation) will be containerized and disposed of as regulated friable asbestos waste.
  - After ceiling, wall and MEP removals are complete, remaining ACM and contaminated materials will be removed and disposed of as regulated friable asbestos waste.

- After gross removal of fireproofing by hand and mechanical scraping, a pressure washer will be used to remove the residual asbestos in conjunction with hand cleaning.

  Remaining ACM and content of the residual asbestos in conjunction
  - Remaining ACM and contaminated materials will be removed and disposed
    of as regulated asbestos waste. All materials will have been removed at this
    point leaving only ACM flooring and mastic. All surfaces will be cleaned (wet
    methods and HEPA vacuuming) followed by satisfactory project monitor
    visual inspection.
  - Clearance air sampling will be performed.

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- After satisfactory air sampling, VAT will be removed and disposed as nonfriable asbestos containing waste by applicable legal methods.
- ACM mastic beneath the tile will be removed by a combination of shotblasted and/or solvent cleaning. Mastic removal waste will be containerized and disposed of as regulated friable asbestos waste.
- Terrazzo flooring will be sawcut so as to not impact the asbestos tar paper below. This will be performed within a regulated negative pressure work area. Once cut, the floors will be manually or mechanically broken up and removed.
- Remaining abatement substrates and other work area surfaces will be cleaned by a combination of HEPA-vacuuming, wet wiping and pressure washing as per 56-9.1(e).
- Subsequent to final cleaning, drying periods, inspections and clearance sampling will be conducted in accordance with 12 NYCRR 56.
- Upon receipt of final clearance results, the isolation barriers and decontamination system enclosures will be removed.

#### Containerization and Handling

- Regulated friable asbestos waste that is double-bagged will be decontaminated and transported in covered carts in a manner consistent with 56-8.9. This material will be transported and stored consistent with 56-8.9(g).
- Regulated friable asbestos waste within rigid waste containers (e.g. drums or cubic yard "Gaylord" boxes) will be sealed airtight with two layers of 6 mil poly sheeting. The regulated container will then be taken to the waste decontamination system enclosure and thoroughly cleaned by wet wiping and HEPA-vacuuming. One pallet jack will be used on the abatement side

and another will be used on the clean side to allow movement of the large containers through the waste out. The cleaned containers will then be taken from the waste decon to a secure storage area in the building then transferred to lockable storage area using pallet jacks, fork trucks or the like and will be live-loaded when a trailer is available.

#### **Large Equipment Decontamination**

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- Material handling equipment (e.g. skidsteers), scissor lifts and other equipment that will not be brought out via the waste decontamination enclosure will be covered, as practical, with 6 mil flame-retardant poly sheeting or spray poly to minimize contact with ACM debris.
- Prior to inspection and clearance sampling, protective plastic will be removed and this equipment will be thoroughly cleaned by HEPAvacuuming, wet wiping and/or pressure washing.
- Equipment air filters, where present, will be removed and disposed of as friable ACM-contaminated waste.
- This equipment will be left within the regulated abatement work area and subjected to final cleaning, inspection and clearance sampling, then removed after final clearance.

#### Incidental Disturbance

 Because of the expedited abatement schedule on this project and unforeseen conditions that may exist, the following procedure is proposed with regards to incidental disturbance of ACM. All asbestos containing materials are intended to be removed prior to demolition. The following procedure will be used in the event ACM debris is discovered.

#### For debris discovered within negative pressure work area:

- The area of disturbance will remain secured and posted to prevent unauthorized entry for 10' around the incidence.
- Workers will don two sets of disposable coveralls.
- In controlled work areas, asbestos debris will be wetted, removed and placed directly into a disposal bag.

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- The work area will be HEPA-vacuumed.
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- Asbestos contaminated gross debris that is removed by hand shall be immediately placed into asbestos bags or wrapped in poly and then taken for disposal.

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For debris (minor or small size) discovered outside of negative pressure work areas:

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 A reusable tent utilizing negative pressure as per 56-11.2 (f) will be utilized after area is secured and posted and workers don two sets of protective coveralls, as above.

• Applicable air sampling techniques as set forth in 56-4.9 will be followed for the applicable job size with respect to the disturbance.

After completion of removal and cleaning of all work area surfaces, the
abatement location shall be visually inspected for debris. Once the abatement
work area is inspected by a third party project monitor and determined to be free
of debris, clearance air sampling will commence (minor – 1 in/1 out, small – 3
in/3 out).

Barrier tape will remain in area until the preparation for asbestos removal.

- Tent will remain in place until satisfactory project monitor visual inspection and satisfactory clearance air results are obtained.
- Reusable tent will be disposed of as ACM waste at conclusion of asbestos project.

10:34 01/20/10GMT-05 Pg 02-02

Fm:Robert Barr To:Amendment Letter - 56 Services (15184571301)



January 18, 2010

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

0943 APPROVE

JAN 2,02010

New York State Dept. of Labor Engineering Services Unit

Midtown Mall McCurdy's Building - Variance Application Amendment - 09-05

Dear Mr. Alonge,

With respect to the aforementioned variance, as an amendment to the original variance application, the contractor asks for the additional relief below:

Removal of non-friable glue dots (mirror mastic, mastic of 1x1 ceiling tile)

The contractor proposes the following procedures when glue dots are located outside of full contaînment areas.

- Set-up OSHA barrier tape and proper signage.
- Set-up large project remote decon.
- Install drop cloth in work area.
- Workers to wear two suits, remove one suit prior to leaving work area.
- Removal of the glue dots will be intact and will include the non-ACM substrate below, the \* Tool Shall be HEPA\_exhausted material will be removed with an electric/air chipping gun.

V6 CAS . Any debris will be HAPA-vac and of wet wiped at end of shift.

All other provisions of the variance will remain.

Thank you for your help in this matter.

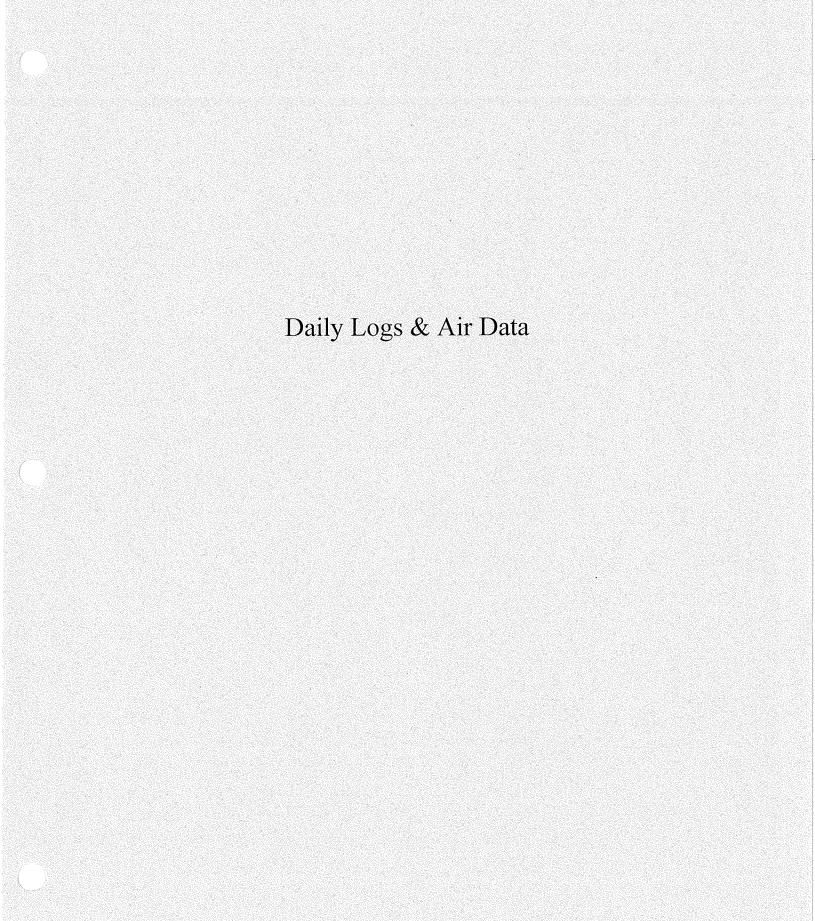
\* full time Project Monitor to oversee work

\* Wet methods required

Sincerely,

Robert Barr

NYS Project Designer #93-19183



### ENVOY environmental consultants, inc.

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Client / Owner (Print Name	ne)	Client	/ Owner Representative (Print N	ame)	Client Contact (Prin	t Name)	
Abatement Contractor (Pri	int Name)	Abater	ment Supervisor (Print Name)		NYSDOL Asbestos	Handling Certificate N	Number
Yes ☑ No □		4	12		5-8-	- 09	
Map Completed			eter Number		Date of Last Calibra		
Project Phase	Phase IB  Backgrounds	Phase IIA Work Preparation samples	Phase IIB  Asbestos Handling Sa	Phase Final Clear	ning Samples	Phase IIC Clearance Air Sa	mples
	Class I	Class II	Large 🔲	Small		Minor	
Job Type	/	A		1			
Type of Material		Sq/ft	Ln/ft Pro	ject with multiple re	emovals		
1st Check	2nd Che	ck 3rd 0	Check	4th Check	5th Che	eck	
Time of air sampling pump	check	Ä				0	
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Air Technician Signature		7					
The Air Monitoring Log Bo	ook is a multi-page documen	t which must be viewed in its en	tirety.				

## PARADIGM ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

PARADIGM

Comments:

Lab Job #

Asbestos Air Monitoring
Chain of Custody Meets NYCRR 56 amended January 11, 2006

Job Ticket#

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Building/L	ocation (	<del>/&gt;</del>	<del>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</del>	Work Are	ea .	1100	.\	Air Tech	nician		chnician i	Phone
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Rotometer	-#			Cassette	Lot#			Materials	to be Rei	moved		
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Sample Volume (Liters)	hω						17.50			)		
		Performed	d by: Parad	digm Envir	onmental S	Services, I	nc.	24.55			ELAP I	D # 10958
.ab Sample #	75	111	na	113	1111	115	116	117	118	119	190	161
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Received i	n Lab By:				术	0		Date:	9-16	5.09		
Analyzed E			116-	T .	V			Date:	<i>al</i>	18/191		-
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environmental consultants, inc.

		Air	Samplin	g Log Boo	ok					
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Project Monitor Air Technician:	# Mat	Kogen		Date:  -/4	4-10 j	ob Ticket #:				
Building / Locat	tion: MCC	rollis	Work Area: <i>4</i>	6 41A		Shift A	В	С		
Project Description			n a conservant de la communicación de la commu	3		00 01	AND DESCRIPTION OF THE PERSON			
150 C			Client / Owner Represent	intin (Drint Name)	Cha	nt Contact (Print Name	1			
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Abatement Contractor (P	rint Name)	/	Abatement Supervisor (P		NYS	DOL Asbestos Handlır	g Certificate	Number		
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#### PARADIGM

ENVIRONMENTAL SERVICES, INC

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

Lab Job # 763.10

### Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket #

Francisco Otata Development Ocuse vetice												
Empire State Development Corporation						-	Client Contact Client Contact Pho				Phone	
Client CIMINE LIA						184	M6-	H	0,,,,,,	Chem Comact I none		
Building/Location Work Area						-	Air Technician Air Technicia				Phone	
Bt John											in the	
Contractor Contract						-	Fax Results To: Fax #					
69						H. Carrier and Car						
Rotometer # Cassette Lot #						Materials	to be Rei	noved				
Project	$\triangle$			,	1		1				*	
Phase	Phase I		Phase II	4	Phase I	IB 🔲	Phase	IIC 🗌	Phase I	IC 🗌	Env.	100
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Sample #	06	0)	08	69	010	011	019	W . W	DI	100		7 - 1
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Calibrated	3	3	3	3	3	3	3	2 A	-	1	4.5	As The A
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End Time Military Time	1645	1646	1645	1646	1648	1655	1655					
Duration (Minutes)	270	270	270	276	2701	270	270					
Sample Volume (Liters)	810	810	810	810	80	610	810				344	Žio ia
Laboratory	analysis P	erformed	d by: Parad	ligm Enviro	onmental S	Services, I	lnc.				ELAPI	D # 10958
Lab Sample #	5186	187	188	189	190	191	192		193	194		, b,
Fibers/100 Fields:	12	Dec	0	11.5	0	3	3		0	0		E
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Samples Relinguished By:					)	Date:	1-1	12/-	10			
Received in Lab By:  Date: 1/15/10												
Analyzed By:							Date:	1/1	15-K	)	1	
Microscope Make, Model & #:							Turn-aro	und Time	Immed.	24 Hr.	48 Hr.	

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

## ENVOY environmental consultants, inc.

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Project Monitor: [ Air Technician: [	Z Moth	Poper	and the second s	DESTE OF WARRIES OF SELECTION OF THE SECTION OF THE	Date: 1-15	<u>-10</u>	Job Ticket #:				
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Project Description  E SD L	an nagara ay an				•		Mar	Z			
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Abatement Contractor (Print	Name)			ent Supervisor (Print	Name)	NYSDOL Asbestos Handling Certificate Number					
Yes 🗹 No 🗆			0-1-6	er Number		Date of Last Calibration					
Map Completed		ente 3	/		n []		1	Phase IIC	П		
	Phase IB	Phase I	ratien samples	Phase II Asbestos Ha	B L andling Samples	Phase IIC L Final Cleaning Samp	oles	Clearance Air			
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Air Technician Signature The Air Monitoring Log Bo	ok is a multi-nage d	ocument which must b	e viewed in its en	tirety.	engifanajiripuju da ingisti na caratilajini di na jepapajini pamatan funisistika	un pericanticum situativa de meterical la contrata de la contrata de la contrata de la contrata de la contrata	nga andara ay kilikin da kananan andara andara kilik andara andara andara andara andara andara andara andara a				



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

Lab Job #

#### Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket #

Empire :	State D	evelor	ment C	orpora	tion			mark	4			1.	
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Building/L		-		Work Are	ea			Air Tech		Air Te	chnician i	Phone	
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Contractor	r	a 187 T	- A. F	Contract	or Contac	t	· ·	Fax Results To: Fax #					
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Project Phase	Phase	P	Phase II	A . C.	Phase	ID 🗆	Phase	IIC 🗆	Phase I	IC 🖂	₩ Env.	1	
Filase	Phase I Backgorund		Phase II Work Area P	4	Phase I Asbestos Ha		Final Clean	-	Clearance A		LIIV.		
Field Data								mg	Oleara roc 71			(4)	
Field			51				~()	_	2,	PD			
Sample #	06	01	08	09	010	911	012	2	31	Vd			
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Average Flow Rate	-:3-	34	3-	- 13	EA	13 x	3				. L., j	mangar e	
Start Time Military Time	0730	0731	0730	0731	0738	0742	0743						
End Time Military Time	1500	1501	1500	1301	1508	15A	1513						
Duration (Minutes)	450	450	450	450	4/50	450	4/50			The second			
Sample Volume (Liters)	1350	1350	1350	1350	1350	1350	1350	1				ga ta i	
Laboratory	analysis P	erformed	l by: Parad	ligm Envir	onmental S	Services, I	lnc.				ELAPI	D # 10958	
Lab Sample #	5627	528	529	530	531	532	533		431	\$35		e Te	
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Fibers/cc:	1.01	200	4,01	1.01	1.01	2,01	4.01		NA	MA	*		
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Received in	n Lab By:		81	11	11	2	1	Date:	1-12	5-10		A TOP OF THE	
Analyzed E		7		SH				Date:	1-1	6-10	3mm, _ 		
Microscop		odel & f	t:	26	11/3			Turn-aro	und Time	Immed.	24 Hr.	48 Hr.	
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White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

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# ENVOY environmental consultants, inc.

			Air Sampli	ng Log Bo	ok					
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ir Technician		rden		Date: \	<u> -1870</u>		36 K			
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itement Contractor (	(Print Name)		Abatement Superviso	r (Print Name)	and the state of t	NYSDOL Asbest	os Handling Certificate	Number		
es 🗹 No			69							
p Completed			Rotometer Number		Date of Last Calibration					
ject Phase	Phase IB Backgrounds	Phase IIA ,		stos Handling, Samples	Phase III		Phase IIC Clearance Air S	amples		
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Technician Signati	ure				Mariantana .					
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#### PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 0932-10

# Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket # 36 ) + 16 Ko Sub

Empire :	State D	evelop	ment C	orpora	tion			Mo	irus		H = 2 0	25	
Client	selection.	,		110				Client Co	ntact	Client	Contact	Phone	
	Curdi	131		TH				ma	HI	A: T	-1	Dhana	
Building/L	ocation			Work Are				Air Technician Air Technician Phone					
Contractor	2 - 1 - 11 - 1		317	Contract	or Contac			Fax Results To: Fax #					
Contractor	9			Contract	or Comac	·		Tux Tobans 15.					
Rotometer	· #			Cassette	Lot#	-	•	Materials	to be Rei	noved			
				Guddotte	2011								
Project		'D.	D/ //	· -	T	WD	T	<b>"C</b>	Phase		*	1	
Phase	Phase I Backgorund		Phase II Work Area P	4	Phase I Asbestos Ha		Phase .		Phase I. Clearance A		Env.		
Field Data								mrg	Clearance A	li S			
Field	N	100	7.8	50	DIN	KIL	MI		BI	B			
Sample #	06	(0)	08	09	010	0/1	014	15	P	100			
Calibrated Flow Rate	3	3	3	3	3	3	3				2000		
Post- Calibrated Flow Rate	3	3	3	3	3	3	3				ne 3 No 1		
Average Flow Rate	13]	3	3.	3-	-3	* 34-	13=	4-7	100 cg.				
Start Time Military Time	0734	0733	0734	07.33	0737	d538	0739				*		
End Time Military Time	1434	14133	1434	1433	1437	4130	1439						
Duration (Minutes)	190	4120	420	400	4100	420	400		Printer and Administration				
Sample Volume (Liters)	1960	1760	1260	1360	1260	1260	1260					151,15	
Laboratory	analysis F	erformed	d by: Parac	ligm Envir	onmental S	Services, I	Inc.			. 1	ELAPI	D # 10958	
Lab Sample #	6438	429	440	441	442	443	444	h ** -	445	446			
Fibers/100 Fields:	4	21	2.5	8	1.5	Paiddetermen	2		0	0			
Fibers/cc:	1.01	1.01	4.01	2.01	1.01	1.01	1.01		NA	NA		-	
Samples R	Pelinguish	ed By:	m					Date:	7	111	1		
Cumpies N	emigaisii	оц <b>Б</b> у.	11/	1/2	1	/	1		1-1	8	10		
Received i	n Lab By:	E	NI		1	1	1	Date:	1-	19-10	)		
Analyzed E	Зу:	2.1.0		(all				Date:	1-19	-10		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Microscop	e Make, N	lodel & f		2357	57	a y t		Turn-aro	und Time	Immed.	24 Hr.	48 Hr.	
Comments	::								1	7			

# ENVOY

environmental consultants, inc.

	Air Sa	mpling Log Be	ook	
Project Monitor:	As per 12NYO	CRR amended January	11, 2006	
Air Technician: Air Technician:	Men	Date: ∫	->1-10 Job Tid	cket #: 361419
Building / Location: MCC	rdvs.	Work Area: 4 A	Shift	A B C
Project Description			,00	
Client / Owner (Print Name)	Client / O	wner Representative (Print Name)		t (Print Name)
BEI		Juhn		
Abatement Contractor (Print Name)		nt Supervisor (Print Name)	NYSDOL Ast	nestos Handling Certificate Number
Yes ☐ No ☐  Map Completed	Rotomete	6 9 r Number	Date of Last (	Calibration
Phase IB	Phase IIA	Phase IIB	Phase IIC	Phase IIC
Project Phase Backgrounds	Work Preparation samples	Asbestos Handling Samples	Final Cleaning Samples	Clearance Air Samples
Class I Job Type	Class II	Large L	Small	Minor L
<del>fP</del>	Sq/ft	Ln/ft Project v	with multiple removals	]
Type of Material  1st Check 2nd Che	eck 3rd Ch	eck 4th (	Check 5th	Check
Time of air sampling pump check	SOR OTA OTA		SHOOK SHI	CHOOK
Notes				
on six (	5700			
2 1/		11100		
<u>Call 150</u>	t up e	1100		
10-14-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	hove d	oun E	1645	
	1)1 00			
		to 100	•	
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to analysis and the second sec				
1				CONTRACTOR OF THE PROPERTY OF
page 100 Mary and the second s				
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111.AC	1/8			
Air Technician Signature The Air Monitoring Log Book is a multi-page focume	ent which must be viewed in its entire	ty.		





#### PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

## Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket # 3(0)49

Empire :	State D	evelor	oment C	Corpora		mas	L 5.					
Client	1	1200	Dr. F.		1 16 . 3	- p	e a ,	Client Co	ontact	Client	Contact I	Phone
MCC	urdy	5		LIA				mat	t Y			
Building/L	ocation			Work Are				Air Tech	nician	Air Te	chnician l	Phone
Contractor		- 100		Contract	or Contac	· t	-	Fax Resi	ults To:		Fax #	
6	7			oom act	or comac			97			, an n	
Rotometer	#			Cassette	Lot#			Materials to be Removed				
Project					1		1				*	
Project Phase	Phase I	ВП	Phase II	IA	Phase I	IIB 🗸	Phase	IIC	Phase I	IC 🗆	Env.	
	Backgorund	s	Work Area P	reparation	Asbestos Ha	andling	Final Clean		Clearance A		4	
Field Data	and Samp	ling Prov	rided By: E.	nvoy Envir	ronmental	Consultan	its, Inc.	1	T			
Field Sample #	06	07	08	09	010	011	013		BI	Ba		
Pre- Calibrated Flow Rate	3	3	3	3	3	3	3					
Post- Calibrated Flow Rate	3	3	3	3	3	3	3					
Average Flow Rate	3	B	3	-3-	13	3	13				and the second	are in the
Start Time Military Time	1105	1106	1105	1106	1110	MIL	1113					
End Time Military Time	16415	1646	1645	1646	1650	1651	1652					
Duration (Minutes)	340	340	3410	340	340	340	340					e Tive Till
Sample Volume (Liters)	1090	1020	1020	1026	1000	1020	1020					
Laboratory	analysis P	erforme	d by: Parac	ligm Envir	onmental 3	Services, I	Inc.			1	ELAPI	D # 10958
Lab Sample #	80B	064	065	dob	067	0108	069		070	071		
Fibers/100 Fields:	13	and a series	24.5	405	6.5	4.5	15		0	0	# T	
Fibers/cc:	1.01	The same of the sa	.011	.019	1.01	1.01	1.01		MIA	NIA		
Samples R	elinguish	ed By:	120	1/1	3	-1	2	Date:	1-0	21-1	0	
Received in			00	4	1	11		Date:	1/2	2/10	)	
Analyzed E		2)		SH		graff .		Date:		20-12	)	SHAWA TO THE REAL PROPERTY.
Microscop		lodel & i	#:	235	757			Turn-aro	und Time	Immed.	24 Hr.	48 Hr.
Comments	Comments: Vormals to Matt. SM 1-22-10 4:01pm											

## ENVOY

environmental consultants, inc.

	Air S	sampiing Lo	g Book					
	As per 12N	IYCRR amended Ja	anuary 11, 2006					
Project Monitor:	gen	Da		Job Ticket	#:36 151			
Building / Location: MCC	dys	Work Area:	+ 4A	Shift (	A) B C			
Project Description	17			Mark	-5			
Client / Owner (Print Name)	Clien	t / Owner Representative (Print	Name)	Client Contact (Prin	t Name)			
Abatement Contractor (Print Name) Yes  No	Abate	ement Supervisor (Print Name)		NYSDOL Asbestos	Handling Certificate Number			
Map Completed	Rotor	neter Number	<i>*</i>	Date of Last Calibra	tion			
Project Phase Backgrounds	Phase IIA Work Preparation samples	Phase IIB Aspestos Handling	Phase Samples Final Clea	IIC	Phase IIC Clearance Air Samples			
Class I	Class II	Large	Small	Minor				
Job Type CC -	Sq/ft	Ln/ft P	roject with multiple r	removals 🔲				
Type of Material  1st Check 2nd Che	eck 3rd	Check	4th Check	5th Che	eck			
Time of air sampling pump check Notes								
on Site @ 07	(0)							
Set	P @ 1573	<i></i>						
	7							
br	OVI dow	10500						
		10h						
·	7.6							
		** - 1						
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M.AL C								
Air Technician Signature The Air Monitoring Log Book is a multi-page docume	nt which must be riewed in its er	ntirety.	Andrew Antonio Carlos C					



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

#### Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket#	1
36151	dr 30

Empire	State D	evelor	oment C	`ornora	tion			March	-V Z			
Client	Otate D	CVCIO	official C	orpora	tion			Client Co	ontact_	Clien	t Contact	Phone
MCC	1 don	4		LIA				070	17.6	0,7011		
Building/L		2		Work Are	22		•	Air Tech	nician	Air To	chnician	Phone
Building/L	ocation			0				All Tech	iliciali	All Te	Cililician	Hone
DL	1	- 10		RIC			-	-				
Contracto	9			Contract	or Contac	et .	Fax Results To: Fax #					
Rotometer	#		7.1	Cassette	Lot#	-	•	Materials	to be Rei	noved		
Project	A				1		1				*	
Phase	Phase I	ВП	Phase II	A	Phase I	IB 📈	Phase	IIC	Phase I	IC 🗆	Env.	1
	Backgorund		Work Area P		Asbestos Ha		Final Clean		Clearance A			
Field Data								3		-		
Field	1	14-11	32 15" 841	I a service	Maria T		-					a prince
Sample #	06	07	08	09	0/0	011	012		BI	Bd		
Pre-		-2		. 0	2		7			1		
Flow Rate	3	3	5	3	3	3	3	-			N. 10 10 10	
Post-	0	. 3	2	2	3	7	7			-		
Calibrated Flow Rate	3		5			>	*>					
Average	3	3	7	3	3	2	7 7		1.		1 300	LA H
Flow Rate			de Form	J 4	المراجع المعام	A.I	)	40-17				
Start Time Military Time	0730	0731	0730	0731	U735	0734	6737					20
End Time Military Time	1500	1501	1300	1501	1503	1506	1507			The state of the s		
Duration (Minutes)	450	450	450	450	450	4150	450	4			84-7	
Sample Volume (Liters)	1350	1350	1350	1350	1350	1350	1350					Siljer - 2
Laboratory	analysis P	erforme	d by: Parac	ligm Envir	onmental S	Services, i	Inc.			-	ELAP I	D # 10958
Lab Sample #	2633	634	535	520	537	538	539		540	541		
Fibers/100	0	000	12	115	Que.	25	0			1		
Fields:		180	10	11.7	9	0(1)			0	U		
Fibers/cc:	1.01	39	401	401	2.01	1.01	4.01		NA	NA		
Samples R	Relinguish	ed By:	M.4	4	2	Date:	1-23	- 70	3 m av 1 m 21			
Received i	n Lab By:		8	1	6	1/	1	Date:	1-0	2-10		
Analyzed E	Зу:	le -,			84	2 <sup>3</sup> 1 2		Date:	1-2:	3-10		9
Microscop	e Make, M	lodel & i	<b>#</b> :	S	22	1113	2 0 1 10 10 10 10 10 10 10 10 10 10 10 10 10	Turn-aro	und Time	Immed.	24 Hr.	48 Hr.
Comments					00							

environmental consultants, inc.

:		····		g Log Bọc		:	
Project Monitor: Air Technician:	H Mat (	As per 12N	NYCRR amei	nded January 11 Date: トみ		b Ticket #: 36 ) 5	Ч
Building / Locati	on: MCCU	MUS	Work Area:	HBA		Shift A B	C
Project Description E5	PC				/	nark	
Client / Owner (Print Name	e)	Clier	nt / Owner Represent	alive (Print Name)	Client	Contact (Print Name)	
Yes D No D			ement Supervisor (P	rint Name)	NYSD	OL Asbestos Handling Certificate Nur	nber
Map Completed	Phase IB	Phase IIA	meter Number Phase		Phase IIC	f Last Calibration Phase IIC	]
Project Phase	Class I	Work Preparation samples  Class II	Asbestos Large	Handing Samples	Final Cleaning Samples	Clearance Air Samp	les
Job Type		Sq/ft	Ln/ft	Project with	multiple removals		***************************************
Type of Material  1st Check	2nd Check	3rd	Check	4th Che	ck	5th Check	
Time of air sampling pump Notes	L. 2. A						
<u> </u>	31HC	0700					
	Cal/Set	n/e	6	730			
***************************************	b	roke c	own	170	2		
****		TOTAL A STATE AND AND AND A STATE AND AND A STATE AND	***************************************	alahan	Weight and the second s		
	**************************************						
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	TENHAZIONIONIOCIONIONIONIONIONIONIONIONIONIONIONIONIONI						
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	the C	1/1/8					
Air Technician Signature The Air Monitoring Log Bo	ook is a multi-page document w	which must be viewed in its e	ntirety.				



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

Lab Job #

### Asbestos Air Monitoring

Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket# 36154

Empire	State D	evelop	oment C	Corpora	37 - 1	Mar	K-5	11:							
Client	_			1/10	٨			Client Co	ontact	Client	t Contact	Phone			
Building/L	CM	172	4.	Work Are	71	616		111ad	nician	Air To	chnician	Phone			
Building/L	ocation			RIC				Air Technician Air Technician Phone							
Contracto	r	- (		11-120	or Contac	:t	ento.	Fax Results To: Fax #							
	69														
Rotometer	r#		- 1	Cassette	Lot#			Materials	to be Re	moved					
Project	^				•		1				*				
Phase	Phase I	IB	Phase II	IA 🗆	Phase i	IB 🗆	Phase	IIC	Phase	IIC 🗆	Env.	1			
	Backgorund	ds	Work Area P	Preparation	Asbestos H	andling	Final Clean		Clearance						
Field Data	and Samp	ling Prov	vided By: El	nvoy Envir	onmental	Consultan	its, Inc.			T					
Field Sample #	06	07	08	09	-1210	011	012		BI	Ba					
Pre-	2		1 10 10	7							1 11	1. N. 1			
Calibrated Flow Rate	3	-	Trace of the land	17											
Post-	2			1		Same S	_>		*						
Calibrated Flow Rate	2	Leisekrynthile	A TOTAL LABORATE STATE OF STAT			4									
Average Flow Rate	3		Ser Report				7					With the			
Start Time Military Time	0730	0731	0730	5731	0134	初多	0736			Poplatas	- 41.1%	7. M.M			
End Time Military Time	1700	1701	1700	1701	1704	1795	1706								
Duration (Minutes)	530	530	330	530	530	530	530	y.							
Sample Volume (Liters)	1590	1590	1590	1590	1590	1590	1590	1 =	The control of the co		- TO 3	Ţ			
Laboratory	analysis F	Performe	d by: Parad	ligm Enviro	onmental S	Services, I	nc.				ELAPI	D # 10958			
Lab Sample #	9363	364	365	366	367	36	369	21 " 5	370	37/	i garag				
Fibers/100 Fields:	alled	**************************************	11.5	12	3	2	deministration of the second		0	05					
Fibers/cc:	alle alle	1.01	4,01	2.01	4.01	2.01	4.01		NA	NIA					
Samples R	Relinguish	ed By:	Mit	12	1	2	3	Date:	1-2.	5-10	)				
Received i			4	3				Date:	1/2	cho					
Analyzed E		- Marie		81	1			Date:	1-2	9-10	A A	>			
Microscop		lodel & i	#:	221	113	/ ×		Turn-aro	und Time	Immed.	24 Hr.	48 Hr.			
Comments		Ver	bals	10	Matt	. Sh	1 1.	27-10	)	0.10	im				

## **ENVOY**

environmental consultants, inc.

		r Sampling			
Project Monitor:	As per	12NYCRR amend	led January 11,	2006	
Air Technician:	itt Kopen	ę s	Date: 1-2	(o-16) Job Tic	ket #: 36/55
Building / Location: MC	-Curdy 3	Work Area:	HA	Shift	(A)' B C
Project Description	,			nna.	rY
Client / Owner (Print Name)		Client / Owner Representation	ve (Print Name)	Client Contact	(Print Name)
Abatement Contractor (Print Name)		Abatement Supervisor (Print	VICA Name)	NYSDOL Asbe	stos Handling Certificate Number
Yes No 🗆		69			
Map Completed Phase IB	Phase IIA	Rotometer Number Phase II	в	Date of Last C	Phase IIC
Project Phase Backgrounds  Class !	Work Preparation sam		andling Samples	Final Cleaning Samples Small	Clearance Air Samples Minor
Job Type	Z Class II L	Large L	Д	Smail L	Minor L
Type of Material	Sq/ft	Ln/ft	Project with	multiple removals	
1st Check 2	nd Check 3	Brd Check	4th Ched	ck 5th (	Check
Time of air sampling pump check Notes					
on six	<u> </u>				
Cal	1 set of	0730			
	brok	e dern	1730	,	
		( 200700 (	1.1.3		
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		<u> </u>			
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Melle					
Air Technician Signature		>		•	
The Air Monitoring Log Book is a multi-pag	e document which must be wewed in	its entirety.			



### PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 441-10

# Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket # SN 28

Empire	State D	evelop	ment C	orpora	tion			Mar	Y 5				
Client	1	1		11A			and the second	Client Co	ntact	Client	Contact I	Phone	
Building/L	ocation	>	-	Work Are	ea		Air Technician Air Technician Phone						
RFI				Pil	h		and the straight of the straight						
Contractor	-			Contract	or Contac	t	Fax Results To: Fax #						
(	9		1 27					0.6 - 4 1 - 1	4- h- D-			<u>, something</u>	
Rotometer	<b>#</b> .			Cassette	Lot#		Materials to be Removed						
Project	Δ.	-			1	, D 🖂	1	<b>"</b> C \	O Dhasa l		*		
Phase	Phase I Backgorund	-	Phase II Work Area P		Phase I	4	Phase I		Phase In Clearance A		Env.	A STATE OF	
Field Data													
Field Sample #	06	07	08	08	010	011	012		BI	B2			
Pre-	0.0	3	3		3	3	3					1 1 2 10%	
Calibrated Flow Rate	3	2	. )	3	2	)				100	. VEW	enji kasi - b	
Post- Calibrated	3	3	3	3	3	3	3				5 % C 244		
Flow Rate		2 1 j.				7	7	12			or many fire		
Average Flow Rate	3.	3	-3:	3/	£ 1	1-3	5.			1		Land to	
Start Time Military Time	6730	6730	6730	0730	0733	0734	0735						
End Time Military Time	1700	1700	1700	1700	1703	hoy	1705				lar.	8 - 52	
Duration (Minutes)	530	530	530	530	530	530	530					* School	
Sample Volume (Liters)	1590	1590	1590	1590	1590	1590	1590						
Laboratory	analysis P	erforme	d by: Parac	ligm Enviro	onmental S	Services,	Inc.				ELAPI	D # 10958	
Lab Sample #	10 32A	329	330	331	330	333	334		335	330			
Fibers/100 Fields:	85	9	15	12	H	H	13		0	0,5			
Fibers/cc:	1.01	601	2.01	1.01	1.01	1.01	1.01		NIA	NIA			
Samples R	elinguish	ed By:	M.	H		12		Date:	1-21	0-10	)		
Received i	n Lab By:	1. 1	D	1	1	1		Date:	1-28	-10		America	
Analyzed E		"		SM	2 3 1 2			Date:	1-0	20-10			
Microscop	e Make, M	lodel & 1	<b>#</b> :			Turn-aro	und Time	Immed.	24 Hr.	48 Hr.			

Comments:

# ENVOY environmental consultants, inc.

Per der groupe gester der werde deuer der der der kontrolle der der der der der der der der der de		Air S	Sampling Log Bo	ook	
		As per 12N	YCRR amended January	11, 2006	
Project Monitor Air Technician:		PEN	Date: /	-27-10 Job Tic	ket #: 36/56
	18 A .	3	Work , ,		(A) B C
Building / Local	tion: //LCURD	<del>y's</del>	Area: 4 <sub>A</sub>		
ESOC				Mark	S
Client / Owner (Print Nar		_	/ Owner Representative (Print Name)	Client Centact	(Print Name)
BEI Abatement Contractor (P			ment Supervisor (Print Name)	NYSDOL Asbe	estos Handling Certificate Number
Yes Z No [			109		
Map Completed		Roto	noter Number	Date of Last C	alibration
	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 Minor
Job Type	Class I	Class II	Large X	Small L	WINOI
• •		Sq/ft	Ln/ft Project v	with multiple removals	
F.P. Type of Material		ngangan di American dan 166-166 at 1900 din germining menungan penganjangan dininggi dininggi dalah 190-190 di			
1st Check Time of air sampling pun	2nd Ched	ck 3rd	Check 4th	Check 5th	Check
Notes	np ssean				
on si	ite osu	<i>)</i>			
C	al/ 5et	NO O	1730		
en e					
		broke	Lour	Q 1710	
			and the second	have been been a second or the second of	
			agang palang applicant saya tan applicant and alpha to the above to the process of the above to		
***************************************	nganggy akingki (Eurin Bergaman) akingkan sa angan bangan sa angan sa angan sa angan sa angan sa angan sa anga		Margare polycopy producer by the Arthropic Art		
	agy ng by giyaha karan manakamaj siyi tamat dipanidi karan, manan sanih Mandila sila satakan karan			and a final control of the second control of the final control of the second control of	
	angan dan kanangan dan dan sanggan sa matangan bahasan dan sanggan sa matan dan dan sa				
			naga garandi karandi ili mah apaga pangan dan anakah mengah apada dah dah dah dah dah dah dah dah dah	and the first the state of the	the second secon
			nagananaka da da Mari Birkah, ay kari kari ay man-handai isa Ta'aring bang Communicati da San San San San San S		
parameter, carpeting of the control of				a kita mika pangangangan dalangan pangangan pangan pangan pangan pangan pangan dalah pangan dalah pangan banda	
****					
			والمرابعة والمرا		
			and we will be considerately the considerate of an August of the August		
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111.2			- January		
Air Technician Signatur The Air Monitoring Log	re Book is a multi-page docume	nt which glust be viewed in its	nling Typerand		



### PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 1439-10

# Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket # 36 136

Empire :	State D	evelor	oment C	corpora	tion	200		Mal	V5			
Client	Client						Client Co	ntact	Client	Contact	Phone	
Building/L	ocation	5		Work Are	ha a			Air Techi	nician	Air Te	chnician	Phone
BL	obution.			77077777								
Contractor		-	* *	Contract	or Contac	:t		Fax Resu	ılts To:	1	Fax #	
Rotometer	07			Cassette	Lot#	3.4 . 1		Materials	to be Rei	noved		
	^			Cassette	LUI W		•	materiale		novou	V	
Project Phase	Phase I	$B \square$	Phase II	АП	Phase I	IB 🗸	Phase	IIC	Phase I	IC 🗆	₩ Env. □	1
	Backgorund	s	Work Area P	reparation	Asbestos Ha	andling	Final Clean		Clearance A		-	
Field Data	and Samp					Consultan	ts, Inc.		2)	0.3		
Sample #	06	07	08	09	010	011	019		181	. B2		
Pre- Calibrated Flow Rate	3	3	3	3	3	3	3		The state of the s			
Post- Calibrated Flow Rate	3	3	3	3	3	-3	3					
Average Flow Rate	3	3	3	3		13	3 ,		3			
Start Time Military Time	0730	6731	0730	נרט 🕯	6734	CONS	073	5	100 St. 60 - 11			The state of the s
End Time Military Time	1710	1711	1710	1711	1711	1715	1716				1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Duration (Minutes)	580	580	480	580	580	580	580				or and a	
Sample Volume (Liters)	1740	1740	1740	1740	1974	1746	1740				ar Proposition	con ést.
Laboratory	analysis P	erforme	d by: Parac	ligm Enviro	onmental S	Services, I	nc.				ELAPI	D # 10958
Lab Sample #	305	3010	367	308	309	310	311	-	312	313		3 *-
Fibers/100 Fields:	Tonicona simplements	De de	22.5	800	9	4	10.5	5	0	0		
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Samples R	elinguish	ed By:	11.1	Dec	21	3		Date:	1-8	37-1	0	le fact
Received in	0 0 2		81	1.6	12		1 A/A	Date:	1-28	-10		
Analyzed E	Ву:			8	M			Date:	1-6	28-10		
Microscop	e Make, M	lodel & 1	#:		99	1113		Turn-aro	und Time	Immed.	24 Hr.	48 Hr.
Comments	<b>.</b>	7.	Vario	als	to	Matt	. 51	1 1	28-10	3:	38 pr	n

# ENVOY environmental consultants, inc.

		Air S	Sampling	g Log Bo	ok	,		
Broject Meniter I	4	As per 12N	YCRR amen	ded January 1	1, 2006			
Project Monitor: Z Air Technician: Z		6n.		Date: /-	28-10	Job Ticket #:	367	20
Building / Location:	Mc Curry	S	Work Area: Z	14		Shift A	) в (	С
FSDC	'					Mari	<	
Client / Owner (Print Name)		Cilent	/ Owner Representat	tive (Print Name)	C	I AICIC lient Contact (Print Na	ame)	<del></del>
BEI Abatement Contractor (Print Na		R	ICH					
Yes I No I	me)		ment Supervisor (Prin	it Name)	N	YSDOL Asbestos Har	ndling Certificate Num	oer
Map Completed			eter Number		D	ate of Last Calibration		
	hase IB	Phase IIA	Phase I	IIB	Phase IIC Final Cleaning Sam	<u> </u>	Phase IIC Clearance Air Sample	]
CI	lass I	Class II	Large [	<b>Z</b>	Small		Minor   Minor	<del>!</del> S
Job Type	,	Sq/ft	Ln/ft	Project wit	th multiple remove	alo 🗖		
Type of Material		Oq/it	LIVIC	1 TOJECT WIT	ir muliipie removi	315		
1st Check Time of air sampling pump check	2nd Check	3rd C	heck	4th Ch	neck	5th Check		
Notes	•			·				
ON 5,56 (	0700			•				
7776								
CNI	SET-UP F	umps O	733					
							<u> </u>	
	BREAK D	OWN Pump	s @ 16	53				
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TOOK SAM	PLES TO L	4B			·			
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Jarrod		***************************************						
ir Technician Signature he Air Monitoring Log Book is a	a multi-page document which	h must be viewed in its entir	etv.					
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1522-10

### PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

### Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

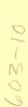
Job Ticket # 36720 SN

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Building/L	ocation			Work Are	ea	The second	-	Air Technician Air Technician Phone				
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Start Time Military Time	0133	1734	0735	0736	0748	8449	0750				1 = x & 1	
End Time Military Time	1653	1654	1655	1656	1708	1709	1710				A	
Duration (Minutes)	560	560	560	560	560	560	560					
Sample Volume (Liters)	1680	1680	1680	1680	1680	1680	1680	t y = 1641		- Annual Control		
Laboratory	analysis F	erforme	d by: Parac	ligm Enviro	onmental :	Services, i	nc.		. Ni		ELAP I	D # 10958
Lab Sample #	94B	949.	950,	951	962	953	954		955	950	_ = =0 1	
Fibers/100 Fields:	10	Self Self	200	Sed	3.5	3	3.5		0	0		
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San Jan	n	. /.	4.1	11	and the same of the same of				,			
Received i			SM.	1				Date:	1-29	-10		
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Microscop	e Make, N	lodel & f	<b>#</b> :	99	1113		1 1 2	Turn-aro	und Time	Immed.	24 Hr.	48 Hr.
Comments	3:	1 .	1 1		11 1 1	a day	Λ		1 1 1	00		1.60

Left voicemail for fored. SH 1-29-10 12:92 pm

# ENVOY environmental consultants, inc. Air Sampling Log Pools

		Air S	ampling	rog Rook				
	1	As per 12N	YCRR amende	d January 11, 2	006			
Project Monitor: Air Technician:		len	**************************************	Date:  -3	0-10	Job Ticket #:	3613	9
Building / Locati	ion: McCu	yvs ·	Work Area: 4/	4		Shift (A)	В	С
Project Description		1				Marks		
Client / Owner (Print Nam	e)	Client	/ Owner Representative	(Print Name)	Clie	ent Contact (Print Name	*)	
Abatement Contractor (Pr	int Name)	Abater	ment Supervisor (Print N	lame)	NY	SDOL Asbestos Handli	ng Certificate	Number
Yes Z No C	]	Rotom	eter Number		Dai	e of Last Calibration		
	Phase IB	Phase IIA	Phase IIB		Phase IIC		hase IIC	otal
Project Phase	Backgrounds Class I	Work Preparation samples  Class II	Asbestos Han- Large	dling Samples	Final Cleaning Samp		earance Air.e inor 🔲	Samples
Job Type + P		Sq/ft	Ln/ft	Project with m	nultiple remova	ıls 🔲		
Type of Material  1st Check	2nd Chec		Check	4th Check	<	5th Check		
Time of air sampling pump		N Old C	THOM	-til Onco		our oncor		
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Air Technician Signature The Air Monitoring Log B	ook is a multi-page document	which must be viewed in its en	tirety	- Managaman and a second a second and a second and a second and a second and a second a second and a second a second and a				-





## PARADIGM

ENVIRUNMENTAL SERVICES, INC.

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

Lab Job #

# Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket # 36159

Empire	State D	evelo	oment (	Corpora	tion			ma	rks			
Client	lient							Client Contact Client Contact Phon				Phone
	McCuraly 5 4A						/ (	ma	dr.			
Building/L	ocation			Work Ar	ea			Air Technician Air Technician F				
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Contracto	r			Contract	tor Contac	ct .		Fax Res	ults To:		Fax #	
67		-						41				
Rotometer	7#			Cassette	Lot#			Materials	s to be Rei	moved		
Project					1		1				*	
Phase	Phase I	B	Phase I	IA 🗌	Phase I	IIB 🗌	Phase	IIC 🗌	Phase I	IC 🛮	Env.	]
Field Data	Backgorund		Work Area F		Asbestos H		Final Clear	ning	Clearance A	irs /		
Field	anu samp			Tivoy Envil	I	Consultar	ns, mc.	T 4				
Sample #	71	IS	I3	14	15	06	07	08	09	010	BI	Ba
Pre-	7		7		-	7	7	-7		7		
Calibrated Flow Rate	/	1		/	1	1	-	7	7			
Post- Calibrated	7	7	7	7	7	7	7	7	7	7		
Flow Rate		-	04-3-2	-			1 2 2	- 31	1	-		
Average Flow Rate	7	7	7	7		17	7	7	7	7		
Start Time Military Time	0915	6915	0915	0916	0916	P918	0718	0918	09 20	0920		And the substitution of the same
End Time Military Time	1045	1045	1045	1046	1046	1048	1048	148	1050	1050		
Duration (Minutes)	90	90	90	90	90	90	90	90	90	90		
Sample Volume (Liters)	630	630	630	630	630	630	630	630	630	630	New Vibility and Adjustment of the Vibility and Adjustment of	
Laboratory	analysis P	erforme	d by: Parac	digm Envir	onmental S	Services, I	Inc.				ELAPI	D # 10958
Lab Sample #	(1594	595	596	597	598	599	600	601	602	603	604	605
Fibers/100 Fields:	7	8	9.5	7	an water CCD journey	8.5	9	6	2	10	0,	0,
Fibers/cc:	2.01	401	1.01	Liol	1.01	1.01	1.01	401	(10)	1.01	Ma	MA
Samples R	elinguish	ed By:	M.R		12	-		Date:	1-30	- 10	)	
Received in	n Lab By:	1 - 5 - 5 5- 5		1	6	D		Date:	1-30-	-10	1 100	~ 1 &
Analyzed E	By:			81			7	Date:	1-30	D	y las field	
Microscop	e Make, M	odel & ‡	<b>#</b> :	. 8	101113			Turn-aro	und Time	Immed.	24 Hr.	48 Hr.
Comments	: 4	eft	Wicen	mil	for	MoH	. SU	1-3	30-10	2:5	3PM	7

P.M. Logs & FVI Misc. Sampling



DATE: 9-14-09 NAME: Matt Popen Liro Job #: Contract # TASK:PM On site HOURS: 10.0

LiRo Engineer	s, Inc.
TIME	ACTIVITY
0700	On site, got the printer installed on my computer, worked on getting my log book set up and previous log pages added to it. Spoke with Ted and Darryl about today's plan.
0730	Headed over to McCurdys bldg to observe activities and find out what their plants for soft and John says that they are waiting for approval of their work plans for soft demo; he expects to be able to start taking out walls in non abatement areas Tuesday or Wednesday depending on when the approval comes. They have yet to send in the work plans for abatement. They added 3 workers today, they now have 3 working on bringing doors out from the 4 <sup>th</sup> floor and 12 workers bringing debris from the sub-basement up to the loading bay in the basement, no
0830	Cal and set up backgrounds for 5 <sup>th</sup> floor A work area. Pumps are calibrated at 4 lpm.  Electricians are still working to establish temporary power throughout the building so they can shut power down where work areas will be.
0900	Observed workers moving debris to dumpster in basement. Also observed workers of the doors from 4 <sup>th</sup> and 5 <sup>th</sup> floor to dumpster. No asbestos being disturbed. Spoke with John about doors from 4 <sup>th</sup> and 5 <sup>th</sup> floor to dumpster. I floor at a time from the 6 <sup>th</sup> floor down.
1100	Broke down first set of backgrounds and set up second set. These was remarked and run backgrounds for 4 <sup>th</sup> floor A at 1400 and continue taking backgrounds
1130	all day tomorrow and Wednesday.  Spoke with Ted, he gave me the haz-mat list and told me to go over it all. The map that came in the packet is close to unreadable, I will have to see if I can get another copy, possibly something larger and more legible.
1300	Spoke with Ted and Darryl about running backgrounds, we are tilling that remaining one of backgrounds per floor should be sufficient because we do not have an abatement work plan and do not know where the work areas will be or how many there will be. I will run the 4 <sup>th</sup>
1400	Set up background samples on the 4 <sup>th</sup> floor all as one area. Spoke with John to make sure each floor would be made into one work area prior to spray on removal. Should work out fine so one set of backgrounds per floor will suffice.
1500	Have been observing debris and door removal, John is still waiting for demo approval.
1600	Backgrounds still running, John, Rich and crew are gone for the night. Samples come off at 1645 to be delivered to the lab.
1700	Collected and delivered backgrounds to lab.

1	Midtown Pla	za Complex Asbestos Abatement Saily Summary Report				
	NAME: Matt Popen	DATE: 1-14-10				
	Contract #	Liro Job #:				
	HOURS:0700-1730	TASK:PM On site				
LiRo Engineer						
TIME	ACTIVITY McCurdy's Bldg.	4B 4A				
	On site cal and set up pumps for are	a 4B. Metal work still being taken from area 4B.				
0700		and A 3 more continue plaster				
0800	ceiling on 6. 15 demo crew, 1 clean	s, 2 in sub basement, 12 on 6 <sup>th</sup> floor demo of ceiling.  Charled sign in sheet for area 4B, all workers are properly				
1000	Walked all floors for safety issues. signed in with hard cards posted. Months constructed but no hard walls or iso	fanometer reading of028. Work area 4A decon barriers up yet. I will set up prep samples shortly.				
1100	Spoke with John about the sub bases some below ceiling demo around the	e area. There is still some machinery and other clutter that				
1200	Set up prep samples for 4A as hard by 1230.	walls and barriers are being estimated and barriers are send 6. he also asked me to gather quantities of all				
1300	Ted asked for pictures of cleared are PI to be removed on 6 <sup>th</sup> . I spoke wi drywall around the beams in 4B. al now all materials will be bagged ou	Il materials that were to be cleaned and removed have beer				
1400	Townsh hyank 1300-1330					
1500	I took the camera to upper floors and got the pictures that were requested. I took after picture of areas 6A, 6B, 5A, and 5B. I also got before pictures of areas 6D, 6Tent A and Tent B. I also got the guarantities of PI from the 6 <sup>th</sup> floor on a map as well as the drawings of the					
	containment tents on this floor and	gave this to Mike.  P tomorrow. 4A prep about 70 % done. Broke down				
1730	Area 4B is ready for removal of FP tomorrow. 4A prep about 70 % done. Broke down samples, brought to lab.					
	1					



Daily Summary Report		
NAME: Matt Popen	DATE: 1-15-10	
Contract #	Liro Job #:	
HOURS:0700-1530	TASK:PM On site	
100KB.0700 1320		

Liko Engine		
TIME	CTIVITY McCurdy's Bldg. 4A 4B 6D 6tent A, minor 1 and 2	
0700	On site, cal and set up pumps for areas 4A and 4B.	th cth
0800	poke with Vtec; he has 9 workers in 4B removing FP, 4 prep 4A, and everyone eleor worker on tents. 21 abatement workers total. 13 demo workers 10 on 6, 2 st cleaning.	
0900	Minor tents are finished area 6D abatement about to begin. I set up samples for the	is area.
0930	Dumpster exchange.	
1030	Another dumpster exchange. I spoke with Ted; he said he needs more pictures of containments.	
1100	Spoke with John about PI quantities; he wanted to know if they should include ito heir calculations. I let him know that only fiber glass to be glove bagged out as cost to be counted, uncontaminated fiber glass can be removed and thrown out as Cost to be counted.	&D before
1200	Went back through the ceiling systems areas with Lisa from Bristol to verify that match for quantities and we agreed on what should be counted. Area 6D has 240 ransite, 6 windows, 30 ft of PI, 8 elbows and 2 fittings. Tent A has 50 ft of PI, 13 valves. Tent B has 80 ft PI and 8 fittings. Minor 1 has 1 fitting and 1 elbow, melbows.	3 elbows and
1300	6D is finished. FVI will be later on this area as well as tent A and both minor are	as.
1530	I performed the FVI and all previously mentioned areas. All looked good, all asb been removed and areas are clean. I passed all 4 areas. I will run finals on Saturo dust on 6 <sup>th</sup> floor to settle outside work areas. Broke down my samples and broug	estos has day to allow
	lab.	



Du	ally Building Report
NAME: Matt Popen	DATE: 1-18-10
Contract #	Liro Job #:
HOURS:0700-1730	TASK:PM On site
House, or a constant	

TIME	ACTIVITY McCurdy's Bldg. 4A 4B
0700	On site, cal and set up pumps for areas 4A and 4B. All finals from Saturday passed.
0800	18 abatement workers, 12 in 4B for removal, 5 in 4A finishing prep, and 1 on 5 <sup>th</sup> floor removing fiber glass from a pipe. 15 demo workers on 4 <sup>th</sup> floor loading out and on 5 <sup>th</sup> floor doing plaster ceilings in non abatement area. I told Vtec about finals passing, he said they will finish removal in 4B today and prep in 4A.
1000	I observed prep in 4A, they should be done around lunch time. I spoke with Darryl about the progress. I also walked the floors for safety issues.
1130	progress. I also walked the floors for safety issues.  Dumpster exchange at 1030. Another dumpster exchange at 1115. A sprinkler head on the 5 <sup>th</sup> floor broke but they were able to get the water shut off quickly.
1400	Observed demo of plaster ceiling on 5. Tents on 6 <sup>th</sup> floor being toll down. There are start a few tents on the 6 <sup>th</sup> floor to do. I measured the quantity of glue dots on the 5 <sup>th</sup> floor, 6886 square ft. In containment 4B from 1305 to 1325. I observed removal procedures, they are
1600	Final 2 tents on 6 <sup>th</sup> floor ceiling systems to be done tomorrow. I measured the quantity of black mastic glue dots on the walls of the 6 <sup>th</sup> floor, 2250 square ft of wall space; the majority of the wall is not covered, however. I broke down 4A samples at 1430. Demo crew finished
1730	at 1530.  Spoke with Vtec about tent on 6 <sup>th</sup> floor for PI and floor tile. Broke down samples for 4B.  Removal is complete; they will begin the cleaning phase tomorrow.



**TIME** 

	Miatown Piaza Comp Daily Sun	mary Report
	NAME: Matt Popen	DATE: 1-21-10
	Contract #	Liro Job #:
	HOURS:0700-1730	TASK:PM On site
ers, Inc.	HOURS.0700-1730	
ACT	IVITY McCurdy's Bldg.6, 4A and 4	4B
On si	te, cal and set up pumps for 6E.	
	1 11 1: and from the 1th floor	or, 10 demo/loading out on 5 <sup>th</sup> floor, 1 cleans,
19 ah	atement workers. 8 in 4B for Final Visual	Inspection, 6 in 6E, 4 loading out and
explo	eratory demo on 5 <sup>th</sup> floor.	1 - 1- Transport I found only one
		o 0900. Area looks great. I found only one
piece	of tape with a trace amount of FP stuck to	gin with the dronned ceilings.
passe	ed. Vtec is moving 4B workers to 4A to be	ment with Rich and explained what they have
1 . 1 .	for many and how many negative airs they	Will fleed for each area.
dot v	ariance with Vtec and explained how he m	ust set up the areas.
are n	on-porous and do not need poly. They wil	l gross remove in one area and will have to
estab	olish 8 air changes per hour. Took lunch at	the Final Visual Inspection.
Walk	the variance again with Vtec for the glue d	lots. Rich is finishing the decon in the sub-
baset	ment so they can begin prep tomorrow.	Grandy for Final
		metal work is almost done. 6E ready for Final on the 6 <sup>th</sup> floor. Broke down samples and
Visu	oped ceilings all removed from 4A and the lal Inspection tomorrow as well as Tent B of the latest around by	th areas today so I'm sure the samples will be
brou	ght them to the lab. Heavy dust around bo	in areas today so 1 122 2
over	loaded again.	
1	·	
_		·



Daily Summury Report		
NAME: Matt Popen	DATE: 1-22-10	
Contract #	Liro Job #:	
HOURS:0700-1530	TASK:PM On site	
HUUKS:0700-1330		

LiRo Enginee						
TIME	ACTIVITY McCurdy's Bldg.4A, 6E, and Tent B					
0700	On site, cal and set up pumps for 4A.					
0800	Vtec has 5 workers on 4A and 8 workers on the 5 <sup>th</sup> floor. 3 workers finishing up touches on 6E that I asked for. Demo crew of 14, 1 cleans, 8 demo on 5 <sup>th</sup> floor, and 4 prep in the subbasement. 1 loading out in basement.					
0900	Performed Final Visual Inspection on 6 <sup>th</sup> floor Tent B. All F1 and plaster coming to the Area is clean with no debris or dust.					
1000	Asbestos trailer arrives. I oversaw the prep of the trailer and workers begin to load.					
1130	Set up prep samples in sub-basement as criticals are now being installed. I did the Final Visual Inspection for 6E, everything looks good in this containment. All PI removed and pipes are clean. All FT and mastic removed. Floor is stained heavily in some areas but mastic					
1300	fully removed. I passed the area.  Went into 4A. They are still removing and cleaning metal work. This will be done very soon.  All metal being thoroughly cleaned before removal. I was in containment from 1250-1310.					
1400	All pumps for sub-basement 1 collected as work stopped at 1330 down there.					
1530	I collected the pumps but the minors are not finished. Brought samples to lab.					

	I	
LiRo	Enginee	rs, Inc.

Duty Summary Report				
NAME: Ted Tronnes	DATE: 01-25-10			
Contract #	Liro Job #:			
HOURS: 0730-1600 A-shift	TASK: P.M.			
Hours, over zer				

TIME	ACTIVITY Service Tunnel, B. Foreman, McCurdy's
0730	On site. Calibrated pumps for dust samples.
0800	Down to Service Tunnel to set up dust samples. Cambria monitor reading of 0.054.
0820	Over to office to start paperwork. Printed out logs and work on maps with Josh for B.  Foreman.
0845	Up on 4 <sup>th</sup> floor to walk area with Scott, Willin, Josh, and Robert. Talked about containment set up and what would be coming out as ACM waste. Josh and I also got quantities of ACM in area.
1130	Walked to office for paperwork.
1200	Lunch
1230	Paperwork at office. Mike stated that I am going to be taking bulk samples in McCurdy's.
1330	Spoke with Raj in Mall. E-waste will be on Friday now. Not sure when paint will go out.
1410	Over to McCurdy's to take bulk samples. Took 2 floor tile/mastic and 2 fireproofing samples on 5 <sup>th</sup> floor.
1530	Over to Seneca Bldg. to speak with Byron.
1600	Set up IIB airs for 4 <sup>th</sup> floor during waste out.



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NAME: Matt Popen	DATE: 1-25-10			
Contract #	Liro Job #:			
HOURS:0700-1730	TASK:PM On site			

ACTIVITY McCurdy's Bldg.4A, SB1, 5C, Minor 3, and 6F TIME 0700 Arrived on site. Cal/setup pumps for 4A, SB1, and 5C (Glue Dots) Spoke with Vtec, when they are done with 5C they will do glue dots on 6, 6F. He has 20 0800 workers today. All finals passed Sunday. There are 6 workers tearing down on 6<sup>th</sup>, 8 glue dots on 5<sup>th</sup>, 6 in 4B. 10 demo workers on the 5<sup>th</sup>. Spoke with Darryl about progress. Spoke with Dave B. about RFI's on the 5<sup>th</sup>. Walked Dave 0900 on floor 5 to show him the areas and he agrees that the FP needs to be sampled. Mastic on 5<sup>th</sup> finished and they moved on to the 6<sup>th</sup>. This will be area 6F. I set up samples for 1130 this and broke down on the  $5^{th}$ . Minor 3 is finished; 2 elbows. They are setting up Minor 4 which has 3 elbows and 10 feet of 1230 Lunch break until 1400. I checked criticals in sub-basement. I told them I was okay with 1330 them not covering cement walls with poly because they are concrete, non-porous walls. Cinder block walls to be covered. 6F glue dots are finished. Prep for Minor Tent 4 is finished. They are getting ready to glove 1530 bag PI. I performed FVI for area 5C. Glue dots all removed. There were a few tiny spots left. I had them fix that right away. Tent 4 G.B. under way. FVI on Minor 3 elbows, area is perfect, no PI remains. Pipe is clean and containment is clean, 1730 as well. I then did the FVI on 6F. All glue dots removed completely. Area is clean. All visuals pass, finals tomorrow before the work day. Samples collected and brought to lab.



<i>Da</i>	uly Summary Report	
NAME: Matt Popen	DATE: 1-26-10	
Contract #	Liro Job #:	
HOURS:0300-1730	TASK:PM On site	
IVITY McCurdy's Bldg.5C	, 6F, Minor 3, 4A, SB1, Minor 4	
ed on site.		

TIME	ACTIVITY McCurdy's Bldg.5C, 6F, Minor 3, 4A, SB1, Minor 4
0300	Arrived on site.
0330	Cal/Set up pumps 5C finals 7 LPM
0345	Set up finals for Minor 3 6 <sup>th</sup> Floor, 3 LPM
0500	Broke down 5C
0645	Broke down 6F
0705	Broke down Minor 3
0730	Cal/Set up IIB 4A and IIA SBI samples
0800	Brought finals to lab
0900	9 demo workers, 6 on 5 <sup>th</sup> floor, 3 sub basement prep. 19 abatement crew, 12 in 4A for scrape, 5 moving equipment/hard walls to 3 <sup>rd</sup> floor. Vtec plans to demo plaster ceiling around elevator on 5 <sup>th</sup> floor where no PI exists. 2 workers loading out to basement.
1030	All finals passed. I did the FVI on Minor 4 on the 6 <sup>th</sup> floor. I will run this final early tomorrow. I walked with Rich in SB to determine the area of the 1 <sup>st</sup> containment.
1330	Decon/hard walls being built on 3 <sup>rd</sup> floor area B. Decon on 6 <sup>th</sup> being taken down. Scrape in 4A near 40% according to Vtec. Ted let me know RFI samples on 5 <sup>th</sup> for FT and FP are both positive. I spoke with Rich and Vtec about this.
1500	Decon/waste out built on 3 <sup>rd</sup> floor and hard walls being put in place. Hard walls will not extend to ceiling as per our variance. Poly and prep samples will begin tomorrow.
1730	Paperwork in the office for an hour, spoke with Darryl about progress. SB prep moving slow with only 2 guys. Collected pumps and brought samples to lab.
,	

#### Midtown Plaza Complex Asbestos Abatement Daily Summary Report NAME: Matt Popen DATE: 1-27-10 Contract # Liro Job #: HOURS:0500-1730 TASK:PM On site LiRo Engineers, Inc. ACTIVITY McCurdy's Bldg. Minor 4, SB1, 4A, 3B **TIME** 0500 Arrived on site. Cal/Setup finals for Minor 4 on the 6<sup>th</sup> Floor. 0530 Samples Running. 0545 Set up backgrounds SB 0700 Broke down finals 0715 Broke down backgrounds 0730 Cal/Set up pumps for IIB 4A, IIA SB1, IIA 3B 0830 Brought finals and backgrounds to lab Jarrod Miner on site. I helped him unload equipment and cassettes. Lab called, overloaded samples from Monday 4A. Demo outside work area causing dust problems. Env. Samples 1030 from outside 5C and 6F glue dot areas were high due to dusty conditions. Wet methods were used but other demo on these floors was causing dust around. Dumpster exchange. I spoke with Vtec about floor tile on 5<sup>th</sup> floor. There is 535 ft². Extra FP 1300 is not yet measured. Removed/finished in 4A this afternoon. They are cleaning now. Prep continues in SB1 and 1500 3B. Exploratory demo now complete, they will begin prep work for tent set up. 4<sup>th</sup> floor decon being used as remote decon. Collected samples. Vtec ready to prep tents for 5<sup>th</sup> floor PI above plaster ceilings. Collected 1730 samples. Jarrod Miner will be on site again tomorrow to learn the building and help out.

#### Midtown Plaza Complex Asbestos Abatement Daily Summary Report NAME: Matt Popen DATE: 1-28-10 Contract # Liro Job #: HOURS:0700-1730 TASK:PM On site LiRo Engineers, Inc. TIME ACTIVITY McCurdy's Bldg. 3B, 5D, 4A, SB1 0700 Arrived on site, cal/setup pumps for areas 3B and 5D. Jarrod set up areas 4A and SB1. Spoke with Vtec, they will finished prep for 3B today and begin abatement tomorrow. 4A is 0830 in IIC clean. 9 demo workers, 2 in SB1 prep, 1 in cleaning, 6 on 5<sup>th</sup> floor/6<sup>th</sup> floor demo. 21 abatement crew, 8 in 4A, 6 in 5D, 2 on 3<sup>rd</sup> demo, 5 in 3B. 1030 Observed prep on all 3 areas. 3B almost finished, 5D prep half done. SB1 still has a lot to do. Meeting with Mike to go over quantities from 6<sup>th</sup> and 5<sup>th</sup> floors. He also asked me to get 1230 start/finish dates for all work areas. I will go through my books for this information. Walked with Vtec and Rich to explain how they will have to prep the stairway to exhaust negative air as per the variance. 3B will use stairwell for 5 negative airs and window vent for 1430 3 more on other side of containment. Gave start/finish dates for each containment to Mike. Paperwork finished, samples collected 1730 and brought to lab.

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Value and the second se		
NAME: Matt Popen	DATE: 1-30-10	
Contract #	Liro Job #:	
HOURS:0800-1400	TASK:PM On site	
MA		

ACTIVITY McCurdy's Bldg.4A and 5B TIME Arrived on site, set up for aggressive airs. 4A samples from 0915-1045. 5B samples from 0800 1200-1330. Samples brought to lab at 1400.

		Envoy Environmen			
Empire State Dava	lopment	Project Monitor Visu		Townson .	
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Building & Location: Project Description	McCordy	Work Area		Job Ticket # 36\58	
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11. Light Fixtures	Ø 0 0	32. All Criticals intact	<b>7</b>	50. Enter Full Name 51. Enter AH Cert, Number	
12. Ductwork		33. All Isolation Barriers Intact	<b>#</b>	52. Worker Present	
13. Elevated Horizontal Surfaces 14. Pipes		34. No Unremoved Materials 35. No Visible Debris	7 0 0		
15. Ceiling Grids/Sprinkler Heads	6 6 6	36. No Visible Dust		·	
16. Conduits		37. Examine Contractor Equipment			
17. Hauserman Channels 18. Floor and Wall Penetrations		38. Negative Air in Operation	<b>7</b>		
19. Creases & Folds in Criticals		39. No Debris or Water under Plastic 40. Completeness of Abatement**			
20. Walls & Comers		41. Completeness of Clean-up**			
21. Floors Inspection requires a project monit		•			
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his report represents the condition	of the above mentions	eed with Clearance Airs ed site at the time and date the observe	ations ware made	Area needs Reclean and Reinspection	
Spection performed by certified pro	piect monitor, scope do	es not include full project monitoring re	nepancibilitian on dafined b	y 12 NYCRR Part 56-3.2(d)(8).	
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FVI form White - Envoy / Paradigm Yellow - LiRo

On Date:

Copy delivered to:

Pink - Contractor

Daily Logs & Air Data

# ENVOY environmental consultants, inc.

				g Log Bool			
Project Monitor:		As per 12N	CRR ame	nded January 11,			
Air Technician:	matt to	70 1		Date: 9-19		Ticket #: 31915	
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PARADIGM

Comments:

### PARADIGM

ENVIR-ONMENTAL SERVICES, INC

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

Lab Job# 11137 : 09 09 : 1000

Asbestos Air Monitoring
Chain of Custody

Job Ticket#

Meets NYCRR 56 amended January 11, 2006 MOIL S. Client Contact Phone Client Contact, 135= 4588 Matt Air Technician Phone Air Technician Work Area **Building/Location** Fax # Fax Results To: Contractor Contact Contractor Materials to be Removed Cassette Lot # Rotometer# Project Env. Phase IIC Phase IIC Phase IIA Phase IB 7 Phase IIB Phase Clearance Airs Final Cleaning Work Area Preparation Asbestos Handling Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc. Field 010 08 09 OSample # Pre-Calibrated Flow Rate Post-Calibrated Flow Rate Average Flow Rate Start Time 141) 1403 1410 1411 Military Time End Time 1637 Military Time Duration (Minutes) Sample Volume (Liters) ELAP ID # 10958 Laboratory analysis Performed by: Paradigm Environmental Services, Inc. Lab Sample MA 120 101 118 (17 115 116 113 112 113 114 110 Fibers/100. Fields: <0.01 <0.01 <0.01 KO.01 (0.01 40,01 20.01 10.01 10,01 10.05 Fibers/cc: Date: Samples Relinguished By: Date: Received in Lab By: Date: Analyzed By: Turn-around Time Immed. 24 Hr. Microscope Make, Model & #:

Air Sampling Log Book As per 12NYCRR amended January 11, 2006 Project Monitor: | 1-11-10 Job Ticket #: Air Technician: Shift Work Building / Location: \ Project Description NYSDOL Asbestos Handling Certificate Number or (Print Name) No 🗆 Yes Date of Last Calibration Rotometer Numbi Map Completed Phase IIC [ Phase IIC Phase IIA Z Phase IIB Phase IB Final Cleaning Samples Backgrounds Project Phase Small Class II Minor L Class I Job Type Project with multiple removals L Sq/ft Ln/ft Type of Materia 5th Check 4th Check 3rd Check 2nd Check 1st Check Time of air sampling pump check Notes 700 Air Technician Signature The Air Monitoring Log Book is a multi-page document which must be



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

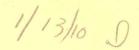
### Asbestos Air Monitoring Chain of Custody

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Comments:

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## PARADIGM

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

Lab Job # 0622 - 10

## Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job	Ticket #		
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		Air S	Sampling	Log Boo	)k		
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Air Technician Sign The Air Monitoring	nature Log Book is a multi-page documen	nt which must be viewed in its	ntirety.				



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

## Asbestos Air Monitoring

Chain of Custody

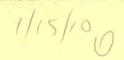
to NVCRR 56 amended January 11, 2006

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Job	Ticket #		Col.	
3	61419			

			7	Meets IN		100 - 0	V L					
Empire S	State De	evelop	ment Co	orporati	on			Client Contact Phone				
Client	1.	, .		42				MAN	P		9-4150	
Building/L	Cation	5		Work Area	9		,	Air Techn	ician	Air Tec	hnician F	hone
Building/Lo	Cation			201	10						r m m	
Contractor				Contracto	r Contact		. 7	Fax Resu	Its To:		Fax #	
69								FF		0 141		187 - 17
Rotometer	#	F =		Cassette	Lot#	a X E V	1	Materials	to be Rem	oved		
Dusings	$\wedge$				1		1				*	
Project Phase	Phase II	ВП	Phase II	A	Phase II	В	Phase I	C	Phase II	C 🗌	Env.	
	Backgorunds		Work Area Pr	eparation	Asbestos Ha	naling	Final Cleanir	ng	Clearance Air	s		
Field Data	and Sampli	ing Provi	ded By: Er	ivoy Enviro	onmental C		is, inc.			33	- 72 -	
Field Sample #	06	07	08	09	010	011	019	et.	131	132	1 21 -	
Pre- Calibrated	3	3	3	3	3	3	3					
Flow Rate Post-	0			5	3	3	7					Service (A. a. a.
Calibrated Flow Rate	5	3	3	3	-		5					a transfer
Average Flow Rate	3	13	3	3	-5/4	34	3	ki-ja	3.7			
Start Time Military Time	0730	0730	0730	0731	6734	10135	0735	in the second				
End Time Military Time	1700	1700	1700	1701	1704	1795	1705					
Duration (Minutes)	530	530	530	530	530	530	530					
Sample Volume (Liters)	1580	1590	7.7	1590	1590	1590	1590					10.11.0050
Laboratory	analysis F	erforme	d by: Parac	digm Envir	onmental S	Services,	Inc.				ELAP	ID # 10958
Lab Sample #	4587	588	589	590	591	592	593		594	595		
Fibers/100 Fields:	5	3	2.5	4.5	4	6	7.		0	0		
Fibers/cc:	10.01		20.01	20.01	20.01	20.0	KO. 0		-		10 11	
Samples	Relinguish	ned By:	Met	te		e.		Date:	1-1	3-1	0	
Received	in Lab By		r mark	- 1 1 1 1 1	1	7		Date:	3.10			
Analyzed	Ву:	3.	1 - 2		A	+		Date:	15.10			
Microsco	pe Make, I	Model &	#:		235	757	1.5%	Turn-ard	ound Time	Immed	. 24 Hr.	48 Hr.

## ENVOY

Air Sampling Log Book As per 12NYCRR amended January 11, 2006 Project Monitor: [ 1-14-10 Air Technician: Work Building / Location: Area: Project Description Client / Owner Representative (Print Name) NYSDOL Asbestos Handling Certificate Number Abatement Contractor (Print Name) No 🗆 Map Completed Phase IIA Phase IIB Phase IIC [ Phase IIC Phase IB Work Preparation samples Final Cleaning Samples Clearance Air Samples Asbestos Handi Project Phase Backgrounds Small [ Minor \_\_\_ Class II Class I Job Type Project with multiple removals Sq/ft Ln/ft Type of Material 5th Check 3rd Check 4th Check 1st Check 2nd 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.





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

Lab Job #

### Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket # 36143

Empire S	State De	evelop	ment Co	orporati	on			Mar	V5	Client	Contact P	hone
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MCC	urdis	5		418	1k	-	i i i i i i	11/0+	1	Air Too	chnician P	hone
Building/L	ocation			Work Area	a	-		Air Techn	ician	All Tec	,IIIICiaii i	110110
BEI				20h	N			1 - 2 - 3 - 3			Fau #	
Contractor			3.5	Contracto	r Contact			Fax Resul	ts To:		Fax #	
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Rotometer	#		1 1 1 1	Cassette	Lot#	1 and - 1		Materials	to be Rem	noved		
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Project	$\triangle$				Dhana	D T	Phase I	IC	Phase II	C	Env.	
Phase	Phase II		Phase III		Phase II		Final Cleani		Clearance Ai			
Field Data	Backgorunds	) 	Work Area Pr	eparation	Asbestos Ha	naung Consultan		ing	Giodi di iloo i ili			
	and Sampii	ng Provi	lueu by. Life	IVOY LIVING	Jimona e	70110411411	12		Di	21		10-11-0-1
Field	06	07	08	09	010	011	019	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PI	ROY	11.50	
Sample #			-		2	7	0			1		
Calibrated	3	3	3	3	3	3	3					422
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Post- Calibrated	3	3	3	3	5	5	5	•	-			Service State of the Control of the
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Start Time Military	0736	0231	0731	6730	6733	6734	0734					and the
Time End Time	1700	1701	1701	1760	1763	1700	1704	1 3 81				
Military Time	1100	1.01	1701	1700	1100	1700	1707				100	4.55.
Duration (Minutes)	530	530	530	530	530	530	530.					Age of the
Sample Volume	1590	1590	1590	1390	1590	1390	1590				17	
(Liters)		1 -10	d by Doro	diam Envir	conmental	Services	Inc.				ELAP	ID # 10958
Laboratory	analysis F	renorme T	d by: Parac	I Elivii	- Internal	03, 1,003,						
Lab Sample	5195	196	197	198	199	200	201		202	203		West and
Fibers/100 Fields:	105	12	200	125	10	IM	121	,		0		A STEEL LAND OF THE STEEL STEE
Fibers/cc:	101	10	ex/a	101	10	1/01	101		N/A	NA		
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Samples	Relinguish	ned By:	177	in	_/	1		Date:	1-	141-	10	
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Analyzed	Ву:	-/	M	(	T	7	1 18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Date:	1-	15-1	0	Sections of the Section of the Secti
Microsco	pe Make, l	Model &	#:		20111	3		Turn-are	ound Time	Immed	I. 24 Hr.	48 Hr.
Commen	40.		, an a , a				01/	1	15-10	E.	Olor	20

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

Value year to the control of the con	Air Sa	mpling Log Bo	ok	
i i		CRR amended January 1	1, 2006	01
oject Monitor: Air Technician: Amost F	open	Date: \-		cet #: 36 145
Building / Location: MCC UT	· かくろ	Work Area: 4B	Shift	<u>A</u> ) B C
Project Description			Max	V
Client / Owner (Print Name)		owner Representative (Print Name)	Client Contact	A STATE OF THE PARTY OF THE PAR
BEI		Ehn	NIVEDOL Arbo	stos Handling Certificate Number
Abatement Contractor (Print Name)	Abateme	nt Supervisor (Print Name)	NTGLUL ASIR	sub Harding Carmonic Camboo
Yes No D	Rotamete	er Number	Date of Last Co	alibration
Phase IB	Phase IIA	Phase IIB	Phase IIC 🔲	Phase IIC   Grandon At Samplar
Project Phase Backgrounds	Work Preparation samples	Asbestos Handing Samples	Final Cleaning Samples	Clearance Air Samples Minor
Job Type	Class II	Large /	Small L J	WIII OF L
<u>+P</u>	Sq/ft	Ln/ft Project w	rith multiple removals	
Type of Material  1st Check 2nd Ch	eck 3rd CF	neck 4th C	Check 5th	Check
Time of air sampling pump check				
Notes				
0700 Ton Ste	gy der dieser Sig Vers er jemog Mit World die der die Verspreutge der Aphabation Sig viert gemaan zelf 200 van de gestaar de se		e Name de la companya de la constantina de la constantina de la constantina de la constantina de la constantin	
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11111		musikan disepakan disenten perpenjakan dan ini disenten permunikan permunikan permunikan pendibah melanda dan d 		
10/14/10-6	-//>			
Technician Signature  le Air Monitoring Log Book is a multi-page doct	umen which must be viewed in its er	ntirety.		



### PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

## Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

		5
Job Ticket #	11	
36145	SPID	

				Meets	NICKK 50	amended	January	11, 2000			1000	Y
Empire	State D	evelop	oment C	Corpora	tion			Mar	K5			
Client	cird	45		LIB				Client Co	ontact	Client	t Contact	Phone
Building/L	ocation.			Work Are	ea		-	Air Tech	nician	Air Te	chnician	Phone
bt	to some	THE THE		DUV					-, - a _ A	3	on the second	Total N
Contracto	9			Contract	or Contac	et		Fax Res	ults To:		Fax #	
Rotometer	r #	24		Cassette	Lot#	7	· .	Materials	s to be Re	moved	70	
Project					1		1				*	
Phase	Phase I	B	Phase I	IA 🔲	Phase I	IB 🛮	Phase	IIC 🗌	Phase I	IIC 🗌	Env.	J. 1 54
Field Data	Backgorund and Samp		Work Area F rided By: E		Asbestos Haronmental		Final Clean ts, Inc.	ing	Clearance A	Airs		
Field Sample #	06	07	08	09	010	-011	018		BI	82		
Pre- Calibrated Flow Rate	3	3	3	3	3	3	3					
Post- Calibrated Flow Rate	3	3	3	3	3	13	.3.				- x	
Average Flow Rate	3-4	3	-3,-	-34	1/A	7	==3 =-	\$ 17			Restaura in the	
Start Time Military Time	0735	0732	6733	0734	0738	0,740	6740			100		
End Time Military Time	1505	1300	1503	1504	1508	1310	1510					
Duration (Minutes)	450	450	4150	450	450	4150	4150	ń				
Sample Volume (Liters)	1350	1350	1350	1350	1350	1350	1350	*		All independent		S. S. Sank
Laboratory	analysis P	erformed	by: Parac	ligm Enviro	onmental S	Services, I	nc.		2 0		ELAPI	D # 10958
Lab Sample #	5590	537	538	539	B40°	:541	542	* * *	543	544		
Fibers/100 Fields:	115	Commence of the Commence of th	12.5	15.5	H	2.5	4		0	0		
Fibers/cc:	2.01	4.01	1.01	2:01	1.0	1.01	6.01	E 14	NIA	MA		
Samples R	Relinguish	ed By:	M. b	h	-//	hr		Date:	1-15	-10		The street of the
Received i	n Lab By:	-	8	M	11	1		Date:	1-	15-1	0	. 1/s
Analyzed E			2 4	St				Date:	1-1	6-10		
Microscop	e Make, M	lodel & #	t:	2	a1117	)		Turn-aro	und Time	Immed.	24 Hr.	48 Hr.

Comments:

Air Sampling Log Book As per 12NYCRR amended January 11, 2006 Project Monitor: [ Date: Air Technician: Work Area: Building / Location: Project Description Client / Owner Representative (Print Name) Client / Owner (Pr NYSDOL Asbestos Handling Certificate Number Yes Z No 🗆 Date of Last Calibration Rolometer Number Phase IIC Phase IIC Phase IIB Phase IIA \_\_\_ Phase IB Clearance Air Samples Final Cleaning Samples Project Phase Backgrounds Small Minor \_\_\_ Class II Class I Job Type Project with multiple removals L Sq/ft Ln/ft Type of Material 5th Check 4th Check 3rd Check 2nd Check 1st 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 a



## PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

(Lab Job # 33-17)

## Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket # 36 146 10 30

Empire :	State D	evelop	ment C	orporat		mork	15					
Client		712				yr 1 er ei		Client Co	ntact	Client	Contact I	Phone
mcc	irdy:	5		418	,			ma	dr	1 1 1 1		113
Building/L	ocation			Work Are	a			Air Techr	Phone			
BÉI				50	hn 1			ing the second				
Contractor	r	1 -		Contracto	or Contac	t		Fax Results To: Fax #				
6	09				9			FP				
Rotometer	#	11 4 . 1		Cassette	Lot#			Materials	to be Ren	noved		
	^				•		•				*	
Project		<b>D</b>	Dhana II	A 🖂	Dhaga I	ID T	Phase I	uc 🗆	Phase II		Env.	1
Phase		hase IB Phase IIA Phase IIB							Clearance A		Liv.	
Field Data	Backgorunds Work Area Preparation Asbestos Handling a and Sampling Provided By: Envoy Environmental Consultar						Final Clean ts. Inc.	ing .	Oledrande 71			
Field	1		Profession I	- 27			17		-0.	2)		- 7 / 100 7
Sample #	06	0)	08	09	010	011	0/9		BI	BO)	2	
Pre-	2	3	3	. 0	3	3	2					
Calibrated Flow Rate	5	)	>	3	2	-	3				of i	1
Post-	2	2	2	0	2	. 2	3					
Calibrated Flow Rate			3	3	5		5					
	2	2	2	7:	7	. 7	7				1	
Average Flow Rate	- 6	3.	٠ - ک - لا	wit.		P				17.10-2		
Start Time Military Time	0730	0732	0731	0736	0737	0240	0741					
End Time Military Time	1700	1762	1701	1700	705	1708	0704					
Duration (Minutes)	530	530	530	530	528	528	528					
Sample Volume (Liters)	1590	1590	1590	1590	1584	1584	1584	A = 1 = 1				
Laboratory	analysis F	erformed	d by: Parad	ligm Envir	onmental S	Services, I	Inc.				ELAP	D # 10958
Lab Sample #	10447	448	449	450	451	452	453		484	455		
Fibers/100 Fields:	1.5	8.5	6	10		3	0.5	198	9	9		
Fibers/cc:	2.01	2.01	2.01	1.01	4,01	1.01	4.0]		NA	NA		
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Analyzed I	Ву:	, T		0	do			Date:	1-19	-10		
Microscop	e Make, N	lodel & i	<b>#</b> :	23	575	7		Turn-aro	und Time	Immed.	24 Hr.	48 Hr.
Comments	s ·				7.						-	- Company of the Comp

		Air S	Sampling L	og Book		
			NYCRR amended	January 11, 2006		
Project Monitor: Air Technician:	B Matt 1	Yolen	E	Date: 1-19-7		set #: 361417
Building / Locati	on: MLCU	mly5	Work Area:	<u>B</u>	Shift	A B C
Project Description					Mai	-X
Citent / Owner (Print Name		Clie	nt / Owner Representative (Pr	int Name)	Client Contact	(Print Name)
BEI	•		20 hi		NVSDOL Ashe	stos Handling Certificate Number
Abatement Contractor (Pri		Aba	tement Supervisor (Print Nam	ie)	W dbot /ibi	Sico Harring Samuel
Yes D No D	]	Holr	cmeter Number		Date of Last C	alibration
way Ongpeted	Phase IB	Phase IIA	Phase IIB [	PI	nase IIC	Phase IIC
Project Phase	Backgrounds	Work Preparation samples			al Cleaning Samples	Clearance Air Samples
	Class I	Class II	Large 🔀	Sı	mall 🔲	Minor
Job Type C		Sq/ft	Ln/ft	Project with multi	ple removals	
Type of Material					m.1.1	01 1
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Time of air sampling pump Notes	o check					
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Air Technician Signature The Air Monitoring Log I	Book is a multi-page docu	ment which must be viewed in its	s entirety.			



### PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 1023-10

## Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket#	
3(014)	CT 10

Meets NYCRR 56 amended January 11, 2006												10
Empire :	State D	evelop	oment C	orpora	tion	2		mar				
Client				10				Client Co	51	Clien	Contact	Phone
1116	non	5		10		-1	- 141	Mat	Dhana			
Building/L	ocation			Work Are	ea			Air Techi	Phone			
Contractor	)	-		Contract	or Contac	.4	es " x,	Fax Resu	ulto To:		Fax #	
Contractor	123.4	- = 2 .		Contract	or Contac			th				
Rotometer	#			Cassette	Lot#			Materials	to be Rei	noved		
Project								,			*	
Phase	Phase I	B	Phase I	IA 🗌	Phase I	IB 🗌	Phase	IIC 🛮	Phase I	IC 🗌	Env.	]
Field Date	Backgorund		Work Area F		Asbestos Ha		Final Clear	ning "	Clearance A	irs		
Field Data	ana Samp	ling Prov	4.4	nvoy Envil		Consultar			10	0-		or engagement
Sample #	06	07	08	09	010	011	019		RI	129	F 1925	H.S. THE ST
Pre- Calibrated	3	3	3	3	3	3	3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1		
Flow Rate Post-	2	2			. 7		. 5				13. 34	
Calibrated Flow Rate	2	3	3	3	5	3	3					State of the
Average Flow Rate	3-	-3+	13 11	13.	13/1	3	3	Ex. M	4	***	- 1- A	
Start Time Military Time	0730	0731	6730	0730	0734	0735	0736		11 1			
End Time Military Time	1700	1701	1760	1700	1704	1705	1706					
Duration (Minutes)	530	530	530	530	530	530	530					
Sample Volume (Liters)	1590	1590	1590	1590	1590	1590	1590			1		4.
Laboratory	analysis F	erforme	d by: Parac	ligm Envir	onmental S	Services,	Inc.			*	ELAPI	D # 10958
Lab Sample #	7127	128	129	130	131	132	133		132/	135		
Fibers/100 Fields:	ded	3	13	300	4	2	23			0		
Fibers/cc:	of a	1.01	2.01	18/0	2.01	601	4.01		NA	NIA		
Samples R	elinguish	ed By:	MA	5	1			Date:	1-1.	9-10	1)	
Received in Lab By: Date:										10-10	)	
Analyzed By:										10-10		
Miorossa	o Maka ni	ladal o	4.	01			A STEEL	Turn ara	und Time			
Microscop	e wake, w	iodel & l	t.	7	22/113	5		rum-aro	una rime	Immed.	24 Hr.	48 Hr.
Comments:												
Comments: Left voicemoil for Matt. 511 120-10												

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

10:16pm

:		Air S	Sampling I	_og Boo	k			
Project Monitor: Air Technician:	$=$ $m_{c,1}$	As per 12N	YCRR amended		_		24 11177	
All Technician:		T VOCE		Date:		b Ticket #:		
Building / Locatio	n: MCCW	dys V	Work Area:	<u>B</u>		Shift A	В С	; 
BOC		4			(	Mark		
Client / Owner (Print Name)		Client	/ Owner Representative (I	ĭ n	Client	Contact (Print Name)	i	
Abatement Contractor (Print	Name)	Abate	ment Supervisor (Print Na	<u>Ohn</u>	NYSD	OL Asbestos Handlin	g Certificate Number	er
Yes 🗗 No 🗆		-	69				,	
Map Completed	Dhana IB		neter Number			f Last Calibration	<b></b>	
	Phase IB	Phase IIA	Phase IIB Asbestos Handl	ing Samples	Phase IIC Final Cleaning Samples		nase IIC arance Air Samples	3
	Class I	Class II	Large	<i>,</i> ,	Small $\square$	Mit	nor 🔲	
Job Type	•	Sq/ft	Ln/ft	Project with	multiple removals			
Type of Material  1st Check	0. 1.01							
Time of air sampling pump ch	2nd Check	3rd C	Check	4th Ched	ck	5th Check		<del></del>
Notes	<b>~</b> .							
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		200	-					
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			***************************************					
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179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311 Lab Job #

### Asbestos Air Monitoring Chain of Custody

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### PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

1 Lab Job # 1221-110

## Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

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### 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

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Meets NYCRR 56 amended January 11, 2006												
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P.M. Logs & FVI Misc. Sampling

### Midtown Plaza Complex Asbestos Abatement Daily Summary Report DATE: 9-14-09 NAME: Matt Popen Liro Job #: Contract # TASK:PM On site 10.0 **HOURS:** LiRo Engineers, Inc. **TIME** ACTIVITY On site, got the printer installed on my computer, worked on getting my log book set up and 0700 previous log pages added to it. Spoke with Ted and Darryl about today's plan. Headed over to McCurdys bldg to observe activities and find out what their plan is for today. John says that they are waiting for approval of their work plans for soft demo; he expects to be able to start taking out walls in non abatement areas Tuesday or Wednesday depending on when the approval comes. They have yet to send in the work plans for abatement. They 0730 added 3 workers today, they now have 3 working on bringing doors out from the 4th floor and 12 workers bringing debris from the sub-basement up to the loading bay in the basement, no asbestos is being disturbed. Cal and set up backgrounds for 5<sup>th</sup> floor A work area. Pumps are calibrated at 4 lpm. Electricians are still working to establish temporary power throughout the building so they can 0830 shut power down where work areas will be. Observed workers moving debris to dumpster in basement. Also observed workers bringing doors from 4<sup>th</sup> and 5<sup>th</sup> floor to dumpster. No asbestos being disturbed. Spoke with John about 0900 abatement plans; he expects to be working 1 floor at a time from the 6<sup>th</sup> floor down. Broke down first set of backgrounds and set up second set. These will run from 1115 to 1345. I will stay late and run backgrounds for 4<sup>th</sup> floor A at 1400 and continue taking backgrounds 1100 all day tomorrow and Wednesday. Spoke with Ted, he gave me the haz-mat list and told me to go over it all. The map that came in the packet is close to unreadable, I will have to see if I can get another copy, possibly 1130 something larger and more legible. Spoke with Ted and Darryl about running backgrounds, we are thinking that running one set of backgrounds per floor should be sufficient because we do not have an abatement work plan 1300 and do not know where the work areas will be or how many there will be. I will run the $4^{th}$ floor as one work area for now. Set up background samples on the 4<sup>th</sup> floor all as one area. Spoke with John to make sure each floor would be made into one work area prior to spray on removal. Should work out fine so *1400* one set of backgrounds per floor will suffice.

Have been observing debris and door removal, John is still waiting for demo approval.

Backgrounds still running, John, Rich and crew are gone for the night. Samples come off at

1500

1600

1700

1645 to be delivered to the lab.

Collected and delivered backgrounds to lab.



Decoy State		
NAME: Matt Popen	DATE: 1-11-10	
Contract #	Liro Job #:	
HOURS:0700-1730	TASK:PM On site	
1100113.0700 1700		

LiRo Engineers, Inc.					
TIME	ACTIVITY McCurdy's Bldg.4B				
0700	On site, dumpster exchange at 0700.				
0830	I walked with Darryl to look at the exterior beams to verify that no FP exists on the back sides. There are 10 demo workers today, 2 on the 1 <sup>st</sup> , 2 in the basement, 6 on the 6 <sup>th</sup> floor. Vtec has 12 on 6, 5 on 5 <sup>th</sup> , and 4 on the 4 <sup>th</sup> floor. He has 21 total. Both areas 5A and 6C passed final airs on Saturday. They are now being torn down.				
1030	2 dumpsters exchanged in a row. I spoke with Vtec, he is still doing exploratory define of plaster ceilings on the 6 <sup>th</sup> . When PI is discovered above the plaster, that area is left intact to be plaster centary and the second plant. I have been observing this procedure.				
1200	Lunch break. Vtec has begun exploratory removal of dropped ceiling tiles on the 5 <sup>th</sup> floor. The same rules apply to the removal of this ceiling as on the 6 <sup>th</sup> floor. If any asbestos is discovered in the area it is to be left intact until containment is set up around it. Prep for 4B is under way, I set up prep samples for this area.				
1330	Continued observing exploratory demo on 5 <sup>th</sup> and 6 <sup>th</sup> floors.				
1530	Exploratory demo on 5 <sup>th</sup> and 6 <sup>th</sup> continue, tents being constructed around asbestos pipe areas. Area 6D is prepped but no neg air established because they don't have the 16 inch hose needed to run neg air 100 ft through building.				
1730	Collected samples, filled out paper work, samples to lab.				



v		
NAME: Matt Popen	DATE: 1-12-10	
Contract #	Liro Job #:	
HOURS:0700-1730	TASK:PM On site	

Liko Engine	ers, inc.				
TIME	ACTIVITY McCurdy's Bldg. 4B				
0700	On site, cal and set up samples for area 4B.				
0800	Spoke with Vtec; they will finish prep on 4B today. They will also begin prep for 4A. tentes being constructed on 6 for ceiling systems. He plans to wait until demo crew finishes with plaster ceiling before starting abatement on 6 due to dust problem.				
0900	17 workers on the demo crew today. Demo on the plaster ceiling on 6, workers loading out debris from ceiling to basement loading doc. 19 abatement workers 6 prep 4 B, 13 exploratory demo on 5 and 6 as well as tent construction.				
1100	Observed exploratory demo on 6 <sup>th</sup> floor. I walked with Dave and John to try to determine the best way to export neg air from the sub basement. John is getting ready to begin setting up for PI removal down there.				
1300	Walked the floors with Mike, Mark Smith, Marty, and Bob. We looked at the progress so far and talked about some plans moving forward. Mark requested samples of the wall and ceiling mastic that was recently discovered during demo but was not on the survey. Lunch break at 1230				
1530	Continued observing exploratory demo and tent construction. I spoke with Vtec and reminded him that area with brown ceiling tile mastic on $5^{th}$ floor must be done the same way as on $6^{th}$ floor under containment.				
1730	Andre told Vtec he wants a sample of the brown glue dots on the $5^{th}$ floor plaster ceiling before they remove them as asbestos. I considered them homogeneous to those on the $6^{th}$ floor which were positive but we are going to sample them anyway. Broke down air samples and brought to the lab.				



**TIME** 

0730

0750

0800

0810

0930

0945

1015

1020

1050

1130

1145

1210

1240

1310

1330

1410

*1500* 

samples of spray-on on 3<sup>rd</sup> floor.

### Midtown Plaza Complex Asbestos Abatement Daily Summary Report

DATE: 01-13-10 NAME: Ted Tronnes Liro Job #: Contract # TASK: P.M. HOURS: 0730-1745 ACTIVITY Service Tunnel, Midtown Mall – 2D, B.Foreman On site. Cal. pumps for dust samples. Down to Service Tunnel to start pumps. 1 car entered and 1 exited tunnel. Cambria monitor reading of 0.071. Spoke to Matt Popen that I am to take bulk samples in McCurdy's. Over to office to start paperwork. Talked to Mike about sampling locations for McCurdy's mastic. Working on survey for Seneca. Set info to lab. Over to Mall to check on 2D inspection. In 2D containment. Out of containment. Found a few spots of debris on floor. Workers cleaned up spots. Jason to finish visual. Talked to Robert and Sydney about elevator being broken for containment. Otis is coming to fix it. Lunch Paperwork in pump room. Got monitor reading of -0.034 for 5<sup>th</sup> and 6<sup>th</sup> floor containment in B. Foreman Bldg. With Tom F. to see where samples need to be taken in Service Tunnel.

Checked in on sot demo in basement of B. Foreman. No issues found at this time.

Over to McCurdy's to take bulk samples. Took 2 samples of ceiling tile mastic on 5<sup>th</sup> and 6<sup>th</sup> floors, took 2 mastic samples on the 6<sup>th</sup> floor, took 2 spray-on samples on the 4<sup>th</sup> floor, and 3

1630	Down to Service Tunnel to break down pumps.			
1645	At office for paperwork.			
1745	Off site.			



NAME: Matt Popen	DATE: 1-13-10
Contract #	Liro Job #:
HOURS:0700-1730	TASK:PM On site

TIME	ACTIVITY McCurdy's Bldg.4B
0700	On site, cal and set up pumps for area 4B.
0800	Vtec has 3 workers on 5 and 12 on 4 in containment. 4 workers continue plaster ceilings on 6 in ceiling systems area. 15 demo workers in sub basement, and on 6 doing plaster ceilings in non ceiling systems area. Manometer reading049
0930	Ceiling tiles continue to be cleaned and brought out from 4B. I had a long conversation with Dave John and Darryl about how neg air will be vented from the sub basement. As of now they plan to follow the variance and exhaust into a stair well which will be criticals to allow air to yent to roof
1100	Two dumpster exchanges back to back at 1000. I spoke with Mike about total volumes of chemicals that were collected a couple of months ago. Many containers were empty had only a small amount of liquid in them. I gave him our best estimates on the total amount of chemical or liquid that was gathered. Another dumpster exchange at 1045.
1200	I spoke with Vtec, went into containment from 1115 to 1135. All ceiling tiles are being cleaned and removed through waste out. FP on beams is incased in drywall and is not being disturbed. Workers are now working on taking metal work from the ceilings.
1430	Walked 5 <sup>th</sup> and 6 <sup>th</sup> floors with Mike to verify all quantities of FP removed so far.
1630	Spoke with Vtec and checked all metal coming out of containment. Everything is coming out clean. Area 4A is not going to be the rectangular shape shown on the survey maps. The area of asbestos spray on FP actually forms a large "L" shape. Ted and I collected the samples requested of us on the 6 <sup>th</sup> -3 <sup>rd</sup> floors.
1730	Collected pumps and filled out paper work, samples to the lab. End of day manometer reading of035.



NAME: Matt Popen	DATE: 1-14-10
Contract #	Liro Job #:
HOURS:0700-1730	TASK:PM On site

Liko Engine						
TIME	ACTIVITY McCurdy's Bldg. 4B 4A					
0700	On site, cal and set up pumps for area 4B. Metal work still being taken from area 4B.					
0800	Vtec has 10 workers in 4B, 4 getting ready to start prep on 4A. 3 more continue plaster ceiling on 6. 15 demo crew, 1 cleans, 2 in sub basement, 12 on 6 <sup>th</sup> floor demo of ceiling.					
1000	Walked all floors for safety issues. Checked sign in sheet for area 4B, all workers are properly signed in with hard cards posted. Manometer reading of028. Work area 4A decon constructed but no hard walls or iso barriers up yet. I will set up prep samples shortly.					
1100	Spoke with John about the sub basement. Before they finish their decon they are going to do some below ceiling demo around the area. There is still some machinery and other clutter that is in their way and needs to be moved.					
1200	Set up prep samples for 4A as hard walls and barriers are being established. Pumps running by 1230.					
1300	Ted asked for pictures of cleared areas on 5 and 6. he also asked me to gather quantities of all PI to be removed on 6 <sup>th</sup> . I spoke with Darryl about progress. They are now removing the drywall around the beams in 4B. all materials that were to be cleaned and removed have been, now all materials will be bagged out.					
1400	Lunch break 1300-1330.					
1500	I took the camera to upper floors and got the pictures that were requested. I took after pictures of areas 6A, 6B, 5A, and 5B. I also got before pictures of areas 6D, 6Tent A and Tent B. I marked the quantities of PI from the 6 <sup>th</sup> floor on a map as well as the drawings of the containment tents on this floor and gave this to Mike.					
1730	Area 4B is ready for removal of FP tomorrow. 4A prep about 70 % done. Broke down samples, brought to lab.					
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l Da	uy Summary Kepori	
NAME: Matt Popen	DATE: 1-15-10	
Contract #	Liro Job #:	
HOURS:0700-1530	TASK:PM On site	
 IVITY McCurdy's Bldg. 4A	4B 6D 6tent A, minor 1 and 2	
te, cal and set up pumps for areas	4A and 4B.	

TIME	ACTIVITY McCurdy's Bldg. 4A 4B 6D 6tent A, minor 1 and 2
0700	On site, cal and set up pumps for areas 4A and 4B.
0800	Spoke with Vtec; he has 9 workers in 4B removing FP, 4 prep 4A, and everyone else on the 6 <sup>th</sup> floor worker on tents. 21 abatement workers total. 13 demo workers 10 on 6, 2 sub basement, 1 cleaning.
0900	Minor tents are finished area 6D abatement about to begin. I set up samples for this area.
0930	Dumpster exchange.
1030	Another dumpster exchange. I spoke with Ted; he said he needs more pictures of containments.
1100	Spoke with John about PI quantities; he wanted to know if they should include fiber glass in their calculations. I let him know that only fiber glass to be glove bagged out as contaminated is to be counted, uncontaminated fiber glass can be removed and thrown out as C&D before asbestos is removed.
1200	Went back through the ceiling systems areas with Lisa from Bristol to verify that our figures match for quantities and we agreed on what should be counted. Area 6D has 240 square ft of transite, 6 windows, 30 ft of PI, 8 elbows and 2 fittings. Tent A has 50 ft of PI, 13 elbows and 3 valves. Tent B has 80 ft PI and 8 fittings. Minor 1 has 1 fitting and 1 elbow, minor 2 has 2 elbows.
1300	6D is finished. FVI will be later on this area as well as tent A and both minor areas.
1530	I performed the FVI and all previously mentioned areas. All looked good, all asbestos has been removed and areas are clean. I passed all 4 areas. I will run finals on Saturday to allow dust on $6^{th}$ floor to settle outside work areas. Broke down my samples and brought them to the lab.

### Midtown Plaza Complex Asbestos Abatement Daily Summary Report DATE: 1-18-10 NAME: Matt Popen Liro Job #: Contract # TASK:PM On site HOURS:0700-1730 LiRo Engineers, Inc. ACTIVITY McCurdy's Bldg. 4A 4B TIME On site, cal and set up pumps for areas 4A and 4B. All finals from Saturday passed. 0700 18 abatement workers, 12 in 4B for removal, 5 in 4A finishing prep, and 1 on 5<sup>th</sup> floor removing fiber glass from a pipe. 15 demo workers on 4<sup>th</sup> floor loading out and on 5<sup>th</sup> floor doing plaster ceilings in non abatement area. I told Vtec about finals passing, he said they will 0800 finish removal in 4B today and prep in 4A. I observed prep in 4A, they should be done around lunch time. I spoke with Darryl about the 1000 progress. I also walked the floors for safety issues. Dumpster exchange at 1030. Another dumpster exchange at 1115. A sprinkler head on the 5<sup>th</sup> 1130 floor broke but they were able to get the water shut off quickly. Observed demo of plaster ceiling on 5. Tents on 6<sup>th</sup> floor being torn down. There are still a few tents on the 6<sup>th</sup> floor to do. I measured the quantity of glue dots on the 5<sup>th</sup> floor, 6886 square ft. In containment 4B from 1305 to 1325. I observed removal procedures, they are 1400 about 80 % done, everything is adequately wet. Final 2 tents on 6<sup>th</sup> floor ceiling systems to be done tomorrow. I measured the quantity of black mastic glue dots on the walls of the 6<sup>th</sup> floor, 2250 square ft of wall space; the majority of the wall is not covered, however. I broke down 4A samples at 1430. Demo crew finished 1600 Spoke with Vtec about tent on 6<sup>th</sup> floor for PI and floor tile. Broke down samples for 4B. 1730 Removal is complete; they will begin the cleaning phase tomorrow.



		CONTRACTOR OF THE PARTY OF THE
NAME: Matt Popen	DATE: 1-19-10	
Contract #	Liro Job #:	
HOURS:0700-1730	TASK:PM On site	

LiRo Engine	ers, Inc.			
TIME	ACTIVITY McCurdy's Bldg. 6E 4B			
0700	On site, cal and set up pumps for area 4B and 6E.			
0800	Spoke with Vtec, when prep is finished for 6E, they will begin abatement in small tent B on the 6 <sup>th</sup> floor. They will come back to 6E later today or tomorrow. 4B is in final clean phase. 4A is on hold until 6 <sup>th</sup> floor is done.			
0900	20 abatement workers, 10 in 4B, 6 in 6E, 4 on the 4 <sup>th</sup> cleaning, loading out ceiling systems area. 15 demo workers, 1 cleans, 2 sub basements, 12 on 5 <sup>th</sup> floor demo.			
1100	Dumpster exchange at 1045. I spoke with Vtec about neg air for 6E. prep for area 6E done, they will need 3 air traps running and 1 on back up. These neg air machines are now running. Wait period of 4 hours being observed, they are starting tent B now.			
1300	Spoke with Darryl and Mike; they want a total number of glue dots on 6 <sup>th</sup> floor wall because entire square footage is not covered.			
1430	Manometer reading of030 in area 4B. Spoke with Vtec; everything is going well in 4B. I counted the glue dots, there are about 565.			
1730	All pumps collected. I went into 4B from 1615 to 1635, cleaning going well, beams look good. 6 <sup>th</sup> floor tent B is not finished yet. Vtec thinks they need a few more hours tomorrow, 6e will also start tomorrow.			
Land Control				

### Midtown Plaza Complex Asbestos Abatement Daily Summary Report DATE: 1-20-10 NAME: Matt Popen Liro Job #: Contract # TASK:PM On site HOURS:0700-1730 LiRo Engineers, Inc. ACTIVITY McCurdy's Bldg. 4B 6E TIME 0700 On site, cal and set up pumps for 4B and 6E. Spoke with Vtec, tent B on 6 is almost finished. 6E is getting under way, should be done tomorrow. 17 demo workers today, 12 on 5<sup>th</sup>, 1 cleans, 4 in sub basement. Vtec has 8 workers in 4B, 4 in 6E, 3 in tent B, 4 on 5<sup>th</sup> beginning exploratory demo on plaster ceilings. 0800 Vtec has requested a FVI for 4B for tomorrow. I walked the floors and observed demo of 0930 plaster ceilings on 5th floor. Tent B on 6 is done and looks good. FVI today. I have been observing the exploratory demo on 5. much of the ceiling system area has no 1200 pipes or plaster. I spoke with Ted and Darryl about progress. Walked Rich around the building to catch him up on progress as he has been away for a week. Told Vtec to fix a loose critical in 6E. got a call from the lab, inside the building air samples 1400 continue to come back over loaded from all of the dust. While plywood floors were being removed on 5, 9x9 brown floor tiles were discovered 1530 underneath. These tiles will need to be tested. In containment 4B from 1530 to 1600, final clean coming along nicely, they are now mopping 1730 the floor. Collected all samples, brought to lab.



		-
NAME: Matt Popen	DATE: 1-23-10	
Contract #	Liro Job #:	
HOURS:0700-1500	TASK:PM On site	

TIME	ACTIVITY McCurdy's Bldg.					
0700	Arrived on site and began the leaf blow in 4B.					
0800	Set up 4b IIC.					
0900	Leaf blow in 6E.					
1000	Brown down 4B samples.					
1030	Set up fans in 6E.					
1100	Set up 6E IIC.					
1130	Leaf blow Tent B on 6 <sup>th</sup> floor.					
1200	Set up fans and IIC in Tent B.					
1300	Broke down 6E samples					
1500	Brown down Tent B samples. Brought samples to lab					



2 titly Still Will & Alepone			
NAME: Matt Popen	DATE: 1-24-10		
Contract #	Liro Job #:		
HOURS:0800-1230	TASK:PM On site		

ACTIVITY McCurdy's Bldg. TIME Finals for 4B and 6E failed. Rich came back yesterday afternoon to re-clean both areas. I am 0800 back to re-run finals and have begun aggressive air sampling procedure. 0900 Set up IIC in 4B. 1015 Set up IIC in 6E. 1130 Broke down 4B samples. *1230* Broke down 6E samples. Brought samples to lab.

### Envoy Environmental Consultants Inc.

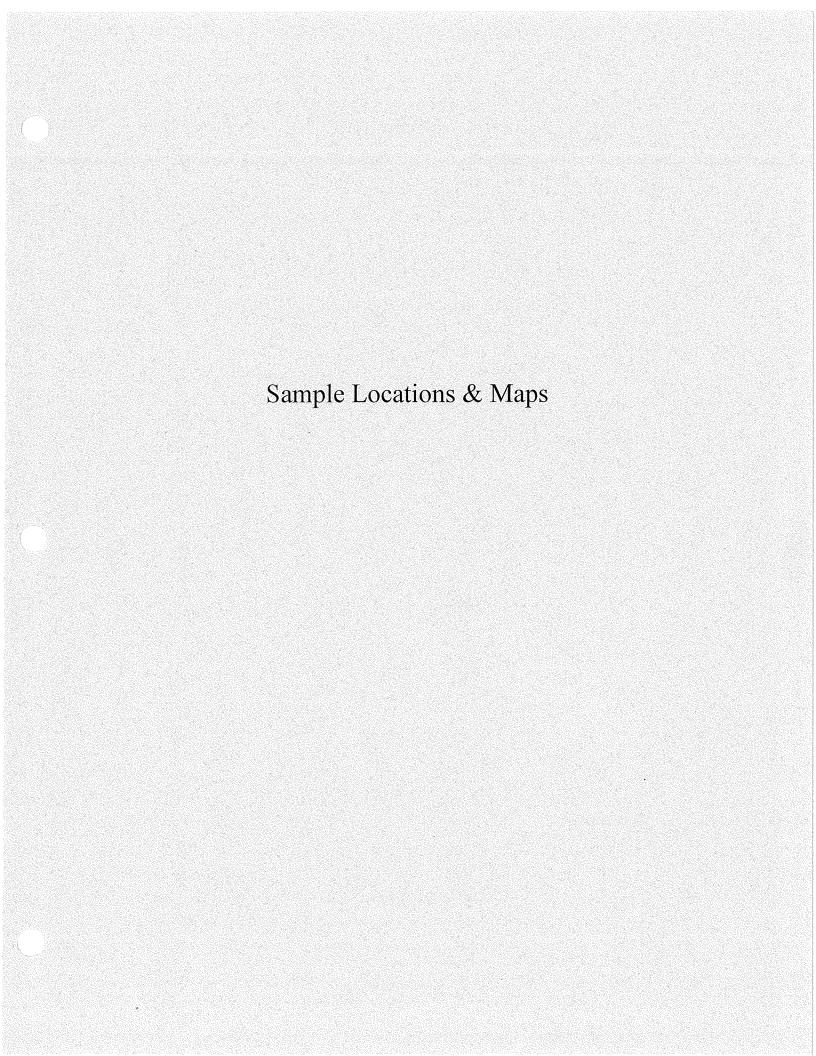
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Empire State Develo	pment	Project Monitor Visual			
Building & Lagation	$\infty$ . $($	As per 12NYCRR Part 56 am	ended January 11, 200		
Building & Location: Project Description	macoro	Work Area		Job Ticket # 36 1	49
ESDC		Mark Smit	Λ	PROJECT# 09-10	<i></i>
Client//Owner (Print Name)		Client/Owner Representative (print name)	/ • \	PROJECT# 09-10	80
Bt 1		Dial Ginesti	3	69-67919	<i>)</i>
Abatement Contractor:	-	Supervisor (print name)		NYSDOL Asbestos Handling Certificate Nur	mber
Yes ৶ No 🗆		Kiel Kungat	.10	09-0791	0
Supervisors Visual inspection Complete	ed? Supervisor Co	ompleting Visual Inspection ( print name)	NYSDOL Asbe	slos Handling Certificate Number	Date
MIATI YOU	Ren	08-10392			1-21-10
Project Monitor (Print Name)	J	NYSDOL Asbestos Handling Certificate Num	nber		Date
Site Emergency Phone.			-w.		
Job Type: Class I		1.		No.	
Job Size: Large	∬ Small 🔲	Material			Sq Ln
Project Monitor Visual In	spection Checkl	ist		Project with Multiple Removals	
Section A		Section B		Section C	
Inspectors Checklist	Needs SAT Action N/A	Visual Inspection	Needs SAT Action N/A		Needs
Equipment	Not Required	Personal Decontamination Unit	SAT Action N/A Required to Pass	Procedures/ Paperwork Paperwork & Procedures	SAT Action N
Flashlight     Knife or pointed object		22. Clean & Free of Debris & Dust 23. No Visible Pools of Liquid		42. Written Scope of Work (attached)	<b>9</b> 0 (
3. Respirator 4. Hard Hat	ja o o	24. No condensation	' <b>ž</b> ) 🗆 🙃	43. Verbal Scope of Work (see below) 44. Supervisor Present	
5. Safety Glasses		25. All Isolation Barriers intact  Waste Decontamination Unit	☑ □ □ Required to Pass	45. Wait period observed	
6. Tyvex Suit 7. Gloves		26. Clean & Free of Debris & Dust	<b>1</b> / 0 0	Paperwork & Procedures	Not Required
Inspection	Ø □ □ Not Required	27. No Visible Pools of Liquid 28. No condensation		45. Area Asbestos Survey 46. Sign into work area	
8. Enter all Spaces 9. Inspect at Close Range		29. All Isolation Barriers intact		47. Sign out of work area	
Areas to Inspect	Not Required	Regulated Abatement Work Area 30. No Visible Pools of Liquid	Required to Pass  ☑ □ □	48. Entry into Supervisors Log 49. Detail Findings	
10. Permanent Fixtures 11. Light Fixtures	·	31. No condensation 32. All Criticals intact		50. Enter Full Name	47 D C
12. Ductwork	<b>,5</b> 0, 0 0	33. All Isolation Barriers Intact	<b>7</b> 0 0 <b>0 0 0</b>	51. Enter AH Cert. Number 52. Worker Present	
13. Elevated Horizontal Surfaces 14. Pipes		34. No Unremoved Materials 35. No Visible Debris			
15. Ceiling Grids/Sprinkler Heads 16. Conduits		36. No Visible Dust			
17. Hauserman Channels		37. Examine Contractor Equipment 38. Negative Air in Operation			
18. Floor and Wall Penetrations 19. Creases & Folds in Criticals		39. No Debris or Water under Plastic	<b>2</b> 0 0		
20. Walls & Comers		40. Completeness of Abatement** 41. Completeness of Clean-up**			
21. Floors Inspection requires a project monito	review of a written so	cope of work prior to the visual inspection			
Deficiencies, Corrections or	notes Briefly lis	st all deficiencies and target compliance dates	i to assure completenes	s of abatement and clean up.	•
1.			A		***************************************
2.					
3.					
4.					
renual scope of work (any verbal scope of	I work supplied by the co.	ntractor must be written below, if materials with	nin the regulated are to rema	nin also state this).	
	**				
Supervisors Signature	1134		Date.	1-21-10	
S	1 VAY		Date		***
Project Monitor Signature	1, J/C	< //>	Date.	1-21-10	ク
		eed with Clearance Airs	FAIL 🗆 - A	Area needs Reclean and Reinspection	
his report represents the condition of spection performed by certified pro-	of the above mentione	d site at the time and date the observations	ons were made.		
opodion was perionned in accorda	NUU WILLI IZIVYURR SE	es not include full project monitoring resp S-9.1(d) & (d)(1) and ASTM document E-	1206 05 (0 1 1 0 0 1 0	3 Affaired feeders of the state	ections hehind
idei of above crical of isolation bar	ners. This inpsection i	s the responsibility of the asbestos abate	ment's supervior under	subpart 56-9.3 of ICR-56.	

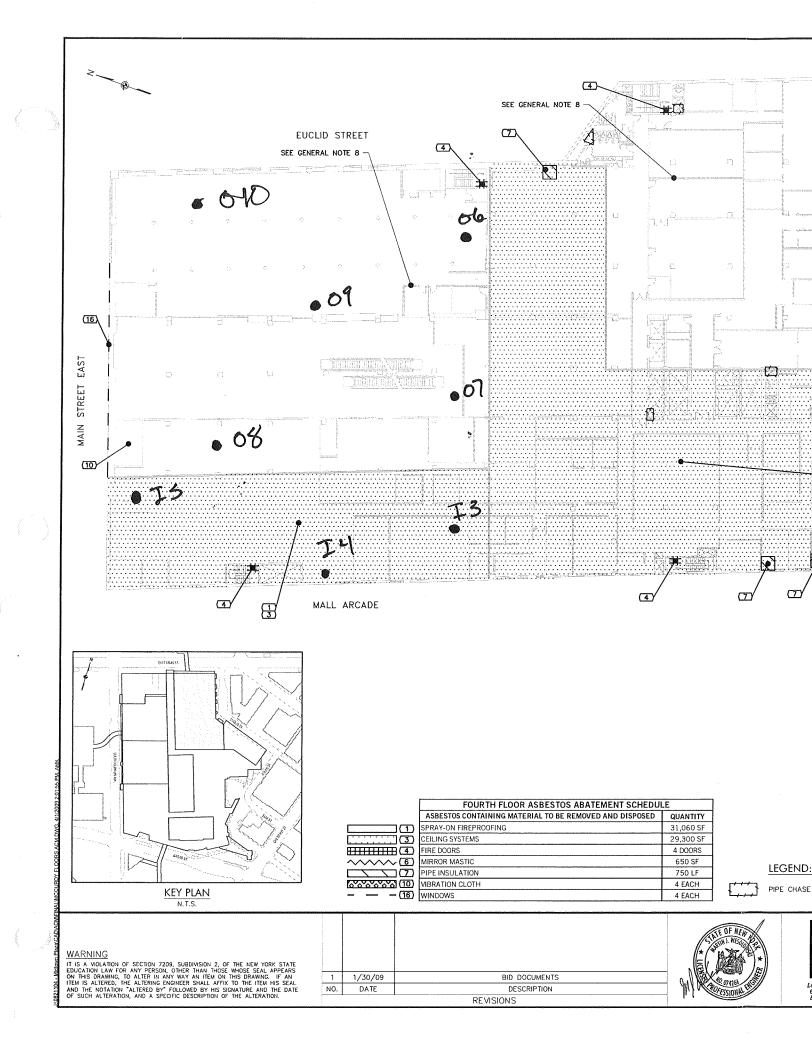
White - Envoy / Paradigm Yellow - LiRo Pink - Contractor

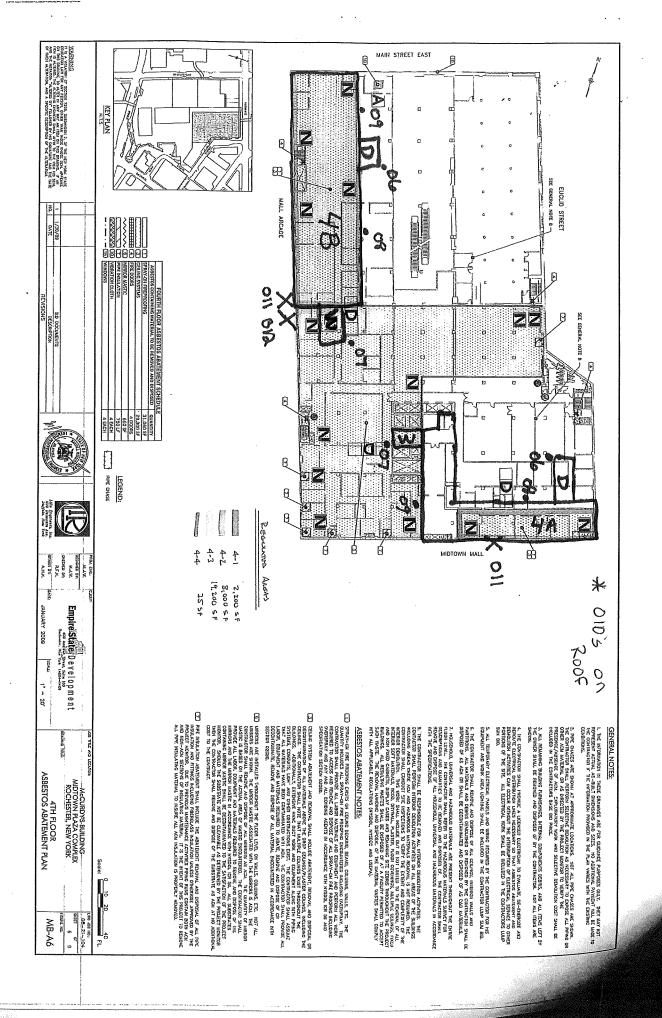
On Date:

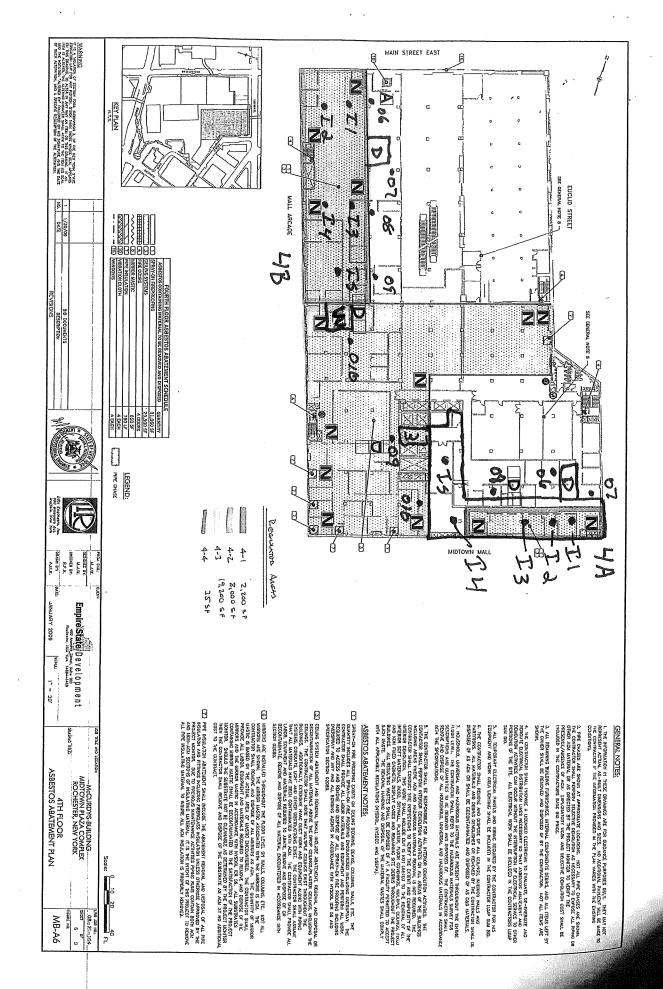
Ву:

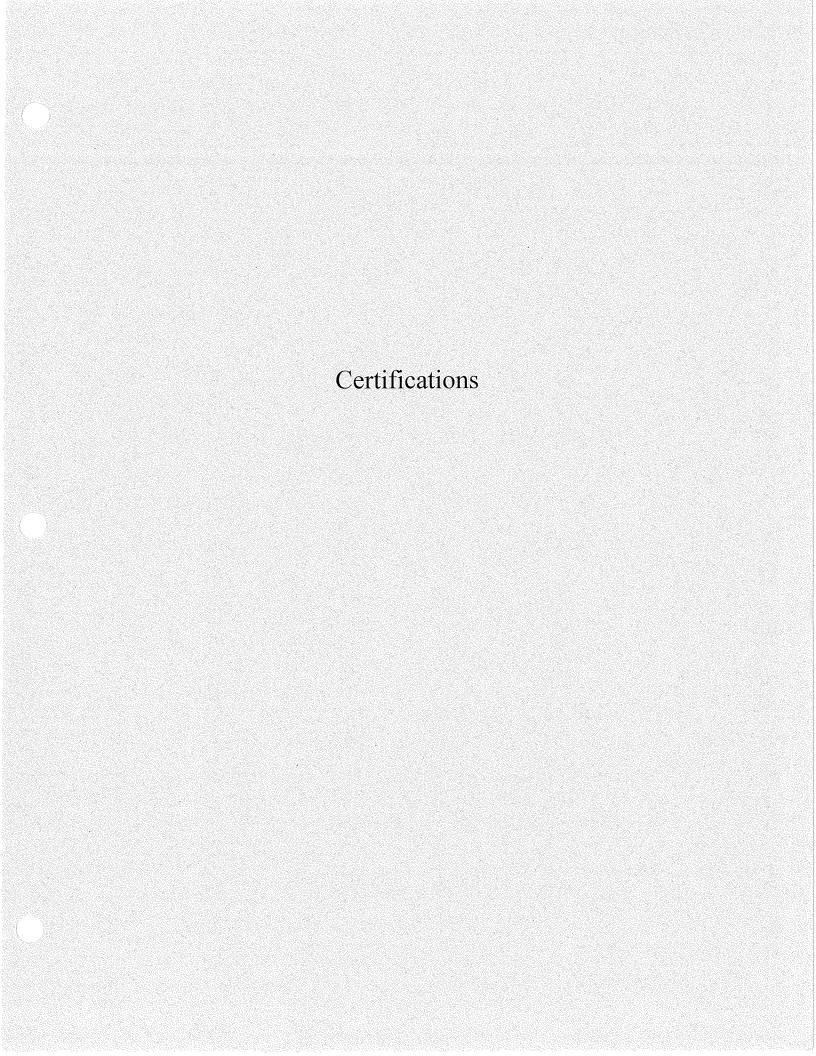
Copy delivered to:











STATE OF NEW YORK - DEPARTMENT OF LABOR **ASBESTOS CERTIFICATE** 

MAZINEWOPOPEN CLASS(EXPIRES) CATEC(07/10) HPM (07/10)

CERT# 08-10392
DMV# 724826626
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. 552 NYS Depart. of Motor Vehicles ID (DMV ID) Name of Trainge (print) 774896 Telephone Number Date of Birth1 Signature of Trainee 67-20-1995 (Zip Code) 14420 (Street on PO Box) 335 Root Td. (City) 13 (State) WY Telephone Number Provider's Name Cornerstone Training Institute Course 1680 Lyell Avenue Suite 200 Location: Zip Rochester, NY 14606 NYS DOH use only DOH Equivalency<sup>2</sup> \_ Initial \_ Refresher Exam Grade/Date: \_\_ Other: Training Language: X English Dates of Training: From: **W** I certify that the asbestos safety training course given on the above date complied with both 10 NYCRR Part 73 and TSCA Title II, was consistent with the curriculum and instructors approved by the New York State Department of Health, and the trainee receiving this certificate completed the training course and successfully passed the examination. Training Director2: (Print) <sup>2</sup>DOH Equivalency signed by NYS DOH representative only DEP 1. OF DOH-2832 (10/03) Optional Information

### Concentra Medical Centers (NY)

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

### EMPLOYER AUTHORIZATION AND INFORMATION FOR RESPIRATORY EVALUATION

EMPLOYER TO COMPLETE THE FOLLOWING:	Address:	,					
	235 Root Rd	1					
Employee Name: Popen, Matthew	BROCKPORT	NY 14420					
	Employee SSN: XXX-XX-3797						
Employer: Envoy Environmental Services	Extent of Useage   Check ✓A						
Check Type of Respirator(s) To Be Used (Check VALL that apply)	On a daily basis Tot	tal Hours					
Air-purifying (non-powered)	Occasionally - but not more	e than twice a week Total Hours					
☐Atmosphere supplying Respirator ☐Combination air-line and SCBA	Baroly - or for Emergency	situations only total Hours					
Continues-Flow Respirator	Expected Physical Effort Regu	uired (Check ✓ ALL that apply)					
Supplied-Air Respirator	☐ Light ☐ Moderate						
Open Circuit SCBA Closed Circuit SCBA	Exposure to Hazardous Mater	tals (Check VALL that apply)					
LI DUST WILLS	Arşenic	Benzene					
Make: Model: Cartridge:	Coke Oven	Cotton Seed / Dust					
Special Work Conditions	Cadmium	☐ Formaldehyde ☐ Lead					
(Check Y ALL That Apply When Wearing Respirator)    Check Y ALL That Apply When Wearing Respirator)	☐ Methylene Chloride ☐ Textiles	Chromium					
High Places	Other(s):						
Temperature Extremes							
Questionare will be: HAND CARRIED MAILED OTHER	EVALUATION AUTHORIZATIO	Sinnature of Employor Representative					
\\AB14(7)\TC	BELOW THIS LINE	DO NOT WRITE BELOW THIS LINE					
DO NOT WATER BELOW THIS LINE	113000000						
PLHCP WRITTEN STATEMENT for RESPIR	RATORS (EMPLOYER)						
PHYSICIAN WILL COMPLETE THE FOLLOWING		abilities Act					
This report may contain contidential medical information and is intended for the designated employed	of qualified individuals with disabilities.	All information					
dDA) imposes very strict limitations on the use of information obtained during physical examination of the property of the second of the secon	nfidential medical record, with the following	ing exceptions:					
		iodations.					
© Circle aid and safety oersonnel may be informed, when appropriate, if the discussy many many							
/ ALL URL BUNIV	!	FOUND and UCTOR					
Based upon my findings, I have determined that this incividual Centers  Employee must schedule a medical examination with Concentra Medical Centers	phor to respirator app	MOVE that and a					
Class I - No Restrictions on Respirator Use	<b>-</b>	:					
Training in a going observe and transfers.	J. 2007.						
Class III - Respirator Use is NOT PERMITTED  Further Testing / Evaluation is Required. 2							
Fit Test Performed SatisfacioniV	(A)						
☐ Fit Test Required ☐ Fit Test NOT Performed at: Concentra Medical Centers (N) ☐ Fit Test Performed Unsatisfactorily ☐ Fit Test NOT Performed at: Concentra Medical Centers (N) ☐ Special prescription eyewear needed to accommodate respirator ☐ Special prescription eyewear needed to accommodate respirator							
Special prescription evewear needed to accommodate respirator	scription eyewear needed to accommod	7200 1008					
Facial hair needs to be shaved to assure light seal on certain face masks.							
Physician or other Licensed Healthcare Professional  Employee must seek further medical evaluation by a private physician who must submit a report	tto Concentra Medical Cen	iters (NY)					
of his/her findings to		•					
(Check ALL that apply)	المراجع						
	10.134. This limited evaluation is specific	sor or physician.					
use only. Employees should be instructed to report any directines in dainy respective	y						
This evaluation included the Respiratory Questionnaire outlined in 29 CFR 1910.134.  The above individual HAS NOT been examined by me for respirator titness. The employee's remained by the form of the second of t	nedical evaluation consisted of a review	of OSHA's Medical Evaluation					
The above individual HAS NOT been examined by me for respirator fitness. The employee's of Questionnaire in Appendix C Part A Section 2. In accordance with 29 CFR 1910.134, this limit	ed evaluation is apacific to respirator use	the Respiratory Questionnaire					
to report any difficulties in using respirators of change of any physical states in	• •						
outlined in 29 CFR 1910.134.  In accordance with specific OSHA requirements, I have informed the above named individual the above named individual that accordance with specific OSHA requirements, I have informed the above named individual that accordance with specific OSHA requirements.	of the results of this evaluation and of an	ny medical conditions resulting from					
		•					
exposures that may require turbel expandation of the combined exposures that may require turbel expandation of the combined exposures that may require turbel exposures to the combined exposures that may require turbel exposures to the combined exposure	Physictan's Name	· Co					
Physician of Ochoturo	Physician's Name	(Printed)					
Physician's Signature	6/4(0)	Eunipaa On					
Physician's License Number (Optional in Most States)	Date of Exam	Expires On					
	-	Print Date: 06/04/2009					
r_plhcp_stmt_resp_employer Page 1 of 1	with a conv to the employee	Revision Date: 06/29/1999					
To be maintained in the employee's file	MIMI & CONT TO MIS AMBIEST AS						

### Service Date: 06/04/2009

Concentra Niedical Centers (NY)
687 Lee Rd Suite 208 Rochester, NY 14808
Phone: (585) 458-7910 Fax: (585) 458-7507

### Medical Surveillance - Asbestos

Patient:	Popen, Matthew	Job Title:	-		
SSN:	XXX-XX-3797	- Employer:	Envoy Environm	ental Services	
DOB:	07/20/1985	Address:	57 Ambrose St		
Gender:		_	4134	10004045	
Marital Status:	S		Rochester, NY 1	46081215	
Address:	235 Root Rd		Shawn House Primary Contact	A A A A A A A A A A A A A A A A A A A	
			(585) 454-1060		
	BROCKPORT, NY 14420		(585) 454-1062		
	(585) 739-4528	- rax.	(303) 434-1002	MARCHINE TO	
Work Phone:	Ext:	- Race:	ASIAN BLACK	HISPANIC INDI	IAN WHITE OTHER
					13.00
The above individ	dual was seen on 06/04/2009 in a	accordance with:	29 CFR 19 40 CFR 76		
The following w	=				
Completic putmonary	n and review of the standardized me y, cardiovascular, and gastrointestina	edical questionnaire al systems per Appe	and work history windix D in 1926.110	th special emphas 1.	is directed to the
Review of represent	the employer's description of: this e ative or anticipated exposure level, a	employee's duties as ind personal protect	they relate to the clon equipment to be	employee's exposu utilized by the em	ıге, the employee's nployee.
	information from previous medical e				
The state of the s	I examination with emphasis upon th			ointestinal system	S.
A pulmon	ary function test of forced vital capac				
A chest ro	pentgenogram, posterior-anterior, 143 5.1101. (M)(2)(ii)(C).	x17 inches (or curre	nt film on file) with i	nterpretation in ac	cordance with 29
is reguire					
The employers from asbe asbestos	oyee was informed by the physician outside states exposure including the increase exposure.	of the results of the ed risk of lung cance	exam and of any me er attributable to the	edical conditions the combined effect of the	nat may result if smoking and
employee at an inc	noted below, this evaluation indicates creased risk of material health impair employee concerning the use of pers	ment from exposure	to asbestos, and tr	JGLG Ste un Lecolui	place the mended
Comments or limit	ations (if any):		Mary Mary Control of the Control of		
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	Provider	Signature		C	Date /

RESPIRATOR FIT - TEST RECORD
Employee's Name: MAII Copper
Employee's Social Security Number: 3797
Fit Test Date: 5-18-09 Person Conducting Fit-Test: D. Hucc
Respirator Selected for Test: 1/2 FACE
Manufacture: Noeth Model: 7700
Respirator Size:
Type of Fit - Test Conducted: Qualitative Type of Agent Used: Irritant Smoke
Was Rainbow Passage Used: Yes:No:
Was Face Piece to Face Seal Obtained: Yes: No:
Signature of Person Performing Fit Test:

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### Employee's Name: RESPIRATOR FIT 3 34 TEST RECORD

Fit Test Date: 10-27-69 Employee's Social Security Number: Person Conducting Fit-Test: TOPE Z

Respirator Selected for Test: FULL FACE 1 ROWNES

Normal Model: 7600

Manufacture:

Respirator Size: Mes.

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

Was Rainbow Passage Used: Yes: \_\_\_\_\_ No:

Was Face Piece to Face Seal Obtained: Yes:

Signature of Person Performing Fit Test:

STATE OF NEW YORK - DEPARTMENT OF LABI

ASSESTOS CERTIFICATE

DER (#0700223 DMV# 775002693 MUST BE CARRIED ON ASBESTOS PROJECTS

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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 traifing course. Certificate No. I - To be completed by Trainee NYS Depart. of Motor Vehicles ID (DMV ID)1 Name of Trainee (print) -1360 Telephone Number Signature of Trainee Address 5 20 (Zip Code) (City) (Street or PO Box) . 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: PROTECT MANUTTOR DOH Equivalency<sup>2</sup> Initial X Refresher Exam Grade/Date: Training Language: X English Other: 09 Expires: 6 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 Director<sup>2</sup>: (Signature) <sup>2</sup>DOH Equivalency signed by NYS DOH representative only (Print) Optional Information

DOH-2832 (10/03)

	This form is the official record of successful completion of a New Yo	ork State accredited asbestos safety training course. 552577  Certificate No. 552577					
	I = To be completed by Traince						
	Name of Trainee (print)	NYS Depart. of Motor Vehicles ID (DMV ID) <sup>1</sup>					
	TROUMES. Threadone H.	775 062 - 693  Telephone Number Date of Birth <sup>1</sup>					
	Signature of Trainee						
	Management of the second of th	(575) 942-5733 06/21/1979					
	Address 320 ENSLISH RO. KOCHEST	TR. N.Y. 14616					
	(City)	(State) (Zip Code)					
	II – To be completed	by Training Sponsor					
	Provider's Name	Telephone Number 5 85 - 319-3625					
	Address 1690 Lyou Ave	Course Location:					
	Zip Code . 14606	NYS DOH use only					
	Course Title: TUSPECTOR RESPUESHED	Initial X Refresher DOH Equivalency <sup>2</sup>					
	Training Language: English Other: Exam Grade/Date: 70 / 1/5/09  Dates of Training: From: 7/5/09 To: 7/5/09  Dates of Training: From: 7/5/09 To: 7/5/09						
	Dates of Training: From: 4/5/49 To:	7/5/9Expires: 4/5/10					
I certify that the asbestos safety training course given on the above date complied with both 10 NYCRR Part 75 and TSCA Title II, was consistent with the curriculum and instructors approved by the New York State Department of Health, and the training course and successfully passed the examination.							
	Training Director <sup>2</sup> : (Print)	(Signature)					
H-	.2832 (10/03) Optional Information <sup>2</sup> DOH Equivale	ncy 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

Rarely - or for Emergency sexpected Physical Effort Requested Physical Education Authorization Physical Phys	ALL that apply)  ial Hours  e than twice a week Total situations only Total Hour  uired Check ALL that ap    Heavy     Benzene
Employee SSN: XXX-XX-6897  Extent of Useage Check ✓ A  On a daily basis Tot  Occasionally - but not more Rarely - or for Emergency s Expected Physical Effort Requ Light	ALL that apply)  tal Hours than twice a week Total situations only Total Hour  uired (Check ALL that ap  Heavy  ials (Check ALL that ap)  Cotton Seed / Dust  Formaldehyde Lead Chromium  NBY: Signature of Employer Representation
Employee SSN: XXX-XX-6897  Extent of Useage Check ✓ A  On a daily basis Tot  Occasionally - but not more Rarely - or for Emergency s Expected Physical Effort Requ Light	ALL that apply)  tal Hours te than twice a week Total situations only Total Hour uired {Check \( ALL \) that apple
Extent of Useage   Check	ALL that apply)  tal Hours te than twice a week Total situations only Total Hour uired {Check \( ALL \) that apple
On a daily basis Tot Occasionally - but not more Rarely - or for Emergency sexpected Physical Effort Required Light Moderate Exposure to Hazardous Material Arsenic Coke Oven Cadmium Methylene Chloride Textiles Textiles Other(s): EVALUATION AUTHORIZATION OW THIS LINE TORS (EMPLOYER)	tal Hours than twice a week Total situations only Total Hour uired Check ALL that ap Heavy tals Check ALL that ap Benzene Cotton Seed / Dust Formaldehyde Lead Chromium  N BY: Signature of Employer Representation
Occasionally - but not more Rarely - or for Emergency s Expected Physical Effort Requ Light	e than twice a week Total situations only Total Hour uired   Check
Rarely - or for Emergency sexpected Physical Effort Requested Physical Education Authorization Physical Phys	situations only Total Hour  Jired Check ALL that ap  Heavy  Ials Check ALL that ap  Benzene Cotton Seed / Dust Formaldehyde Lead Chromium  N BY: Signature of Employer Representations
Expected Physical Effort Requestre Light	ired   Check
Light	☐ Heavy  ials   Check ✓ ALL that appliance   ☐ Benzene   ☐ Cotton Seed / Dust   ☐ Formaldehyde   ☐ Lead   ☐ Chromium    N BY: Signature of Employer Representation
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Textiles Other(s):  EVALUATION AUTHORIZATION  OW THIS LINE  TORS (EMPLOYER)	N BY: Signature of Employer Representa
Other(s):  EVALUATION AUTHORIZATION  OW THIS LINE  TORS (EMPLOYER)	N BY:
EVALUATION AUTHORIZATION  LOW THIS LINE  TORS (EMPLOYER)	N BY:
OW THIS LINE TORS (EMPLOYER)	Signature of Employer Represents
TORS (EMPLOYER)	DO NOT WRITE BELOW THIS
TORS (EMPLOYER)	
ergency treatment.  IY) prior to respirator appriscape Only Other:  Medical Centers (N)  ption eyewear needed to accommoda	roval and usage.  ate respirator  ters (NY)
ical evaluation consisted of a review of evaluation is specific to respirator use physician. This evaluation included the results of this evaluation and of any individual has been informed of the in (s).	of OSHA's Medical Evaluation only. Employees would be instructed the Respiratory Questionnaire of medical conditions resulting from acreased risk of lung cancer
Physician's Name	(Printed)
Date of Exam	Expires On
	Print Date: 05/07/2009  Revision Date: 06/29/1999
THE LEW MAN THE SHE HELD ()	prior to respirator apposical prior to respirator apposical can be continued in the continued of the calculation consisted of a review valuation is specific to respirator use physician. This evaluation included the results of this evaluation and of an individual has been informed of the interview of the calculation of the interview of the calculation included the results of this evaluation and of an individual has been informed of the interview of the calculation included the calculation inc

## RESPIRATOR FIT - TEST RECORD

		i fect								
TED. TRONNES	v Number: 5897	erson Conducting Fit-Test:	ot: Fuce Face	Model: 5'40d		Type of Fit - Test Conducted: Qualitative Type of Agent Used: Irritant Smoke	ed: Yes:No:	al Obtained: Yes:No:	ming Fit Test:	
Employee's Name:	Employee's Social Security Number:	Fit Test Date: 4-16-0% Person Conducting Fit-Test:	Respirator Selected for Test:	Manufacture: North	Respirator Size: Large	Type of Fit - Test Conduct	Was Rainbow Passage Used: Yes:	Was Face Piece to Face Seal Obtained: Yes:	Signature of Person Performing Fit Test:	

NO-TI- M2 IV'II LUOLL-OOO UPILL OID ÖL HI 202 OAL

Concentra Medical Centers (NV)
687 Loo Rd Suite 208 Rochester, NY 14506

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

### Medical Surveillance - Asbestos

Job Title: Patient: Tronnes, Theodore A. Employer: Envoy Environmental Services SSN: XXX-XX-5897 Address: 57 Ambrose St DOB: 06/21/1979 Gender: M Rochester, NY 146081215 Marital Status: S Job Contact: Shawn House Address: 320 English Rd Role: Primary Contact Phone: (585) 454-1060 Ext.; ROCHESTER, NY 14616 Fax: (585) 454-1062 Home Phone: (585) 202-5733 Race: ASIAN BLACK HISPANIC INDIAN WHITE OTHER Ext.: Work Phone: 29 CFR 1926.1101. The above individual was seen on 05/07/2009 in accordance with: 40 CFR 763.121. The following was performed: Completion and review of the standardized medical questionnaire and work history with special emphasis directed to the pulmonary, cardiovascular, and gastrointestinal systems per Appendix D in 1926.1101. Review of the employer's description of: this employee's duties as they relate to the employee's exposure, the employee's representative or anticipated exposure level, and personal protection equipment to be utilized by the employee. Review of information from previous medical examinations if available. A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems. A pulmonary function test of forced vital capacity (FVC) and forced expiratory volume at one second (FEV 1) in accordance with NIOSH and ATS standards. A chest roentgenogram, posterior-anterior, 14x17 inches (or current film on file) with interpretation in accordance with 29 CFR 1926.1101. (M)(2)(ii)(C). NOTE: According to 29 CFR 1926.1101 (M)(2)(ii)(C), it is up to the discretion of the physician whether or not a chest X-ray is required. The employee was informed by the physician of the results of the exam and of any medical conditions that may result from asbestos exposure including the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure. Unless otherwise noted below, this evaluation indicates that there are no detected medical conditions that would place the employee at an increased risk of material health impairment from exposure to asbestos, and there are no recommended limitations on the employee concerning the use of personal protective equipment or respirator. Comments or limitations (if any): Frovider Signature

Evaluation - Asbestos Medical Surveillance

11/11

Page 1 of 1

Revision Date: 07/21/1999

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NEW YORK STATE - DEPARTMENT OF LABOR

DIVISION OF SAFETY AND HEALTH LIGENSE AND CERTIFICATE UNIT STATE CAMPUS BULDING 12

### ASBESTOS HANDLING LICENS

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

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

ovringhia.

Duly Authorized Representative - Geoffrey M.Reed

This license has been issued in accordance with applicable provisions of Arilloe By 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 asbestos project, or (2) demonstrate deach of responsibility in the conduct of any job involving asbestos or asbestos material.

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

Maureen A. Cox, Director
FOR THE COMMISSIONER OF LABOR

SH 432 (4-07)



### National Voluntary Laboratory Accreditation Program



### SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Paradigm Environmental Services, Inc.

179 Lake Avenue Rochester, NY 14608 Mr. Bruce Hoogesteger

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

BULK ASBESTOS FIBER ANALYSIS (PLM)

**NVLAP LAB CODE 200530-0** 

NVLAP Code

Designation / Description

18/A01

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

Samples

2009-07-01 through 2010-06-30

Effective dates

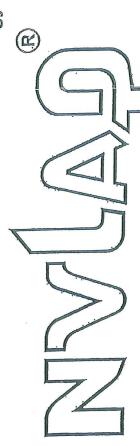
For the National Institute of Standards and Technology

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

Page 1 of 1

United States Department of Commerce National Institute of Standards and Technology

:



# Certificate of Accreditation to ISO/IEC 17025;2005

NVLAP LAB CODE: 200530-0

Paradigm Environmental Services, Inc.

Rochester, NY

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

### BULK ASBESTOS FIBER ANALYSIS

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

2009-07-01 through 2010-06-30



For the Nätional 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.

ORK STATE DEPARTMENT OF LABOR
DIVISION OF SAFET CAND HEALTH
LICENSE AND CERTIFICATE UNIT
STATE CAMPUS QUILDING 12

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

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

Duly Authorized Representative

This hierse has been issued in accordance with applicable provision son a tildle of of the Labor Law of New York State and the New York State Codes, Rules and Regulations (12 NY CRR Part 36). It is subject to suspension or revocation for a (1) a serious violation of state, federal or local laws with regard to the conduct of an aspectos project, or (2) demonstrated lack of responsibility in the conduct of any role 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 as best of project worksife. This license verifies that all persons employed by the license on an asbest of projecting New State have been issued an Albestos 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)

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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

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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:

M. C. L. L.	*	Nitroaromatics and Isophorone	٠.
Metals I	EPA 6010B	2,4-Dinitrotoluene	EPA 8270C
Iron, Total		2,6-Dinitrotoluene	EPA 8270C
Lead, Total	-EPA 6010B	Isophorone ·	EPA 8270C
·Magnesium, Total	EPA 6010B	Nitrobenzene	EPA 8270C
Manganese, Total	EPA 6010B	Pyridine	EPA 8270C
Nickel, Total	EPA 6010B EPA 6010B		
Potassium, Total		Nitrosoamines .	
Silver; Total	EPA 6010B	N-Nitrosodimethylamine	EPA 8270C
Sodium, Total	EPA 6010B	N-Nitrosodi-n-propylamine	EPA 8270C
Metals.ll		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	Benzyl 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	EPA 6010B	Di-n-butyl phthalate	EPA 8270C
Cobalt, Total	EPA 6010B	Di-n-octyl phthalate	EPA 8270C
Thallium, Total	ELY 00 100	Polychlorinated Biphenyls	
Miscellaneous		PCB-1016	EPA 8082
Asbestos in Friable Material	EPA 600/M4/82/020		EPA 8082
Asbestos in Non-Friable Material-PLM	Item 198.6 of Manual (NOB by PL	PCB-1232	EPA 8082
Asbestos in Non-Friable Material-TEM	ITEM 198.4 OF MANUAL	PCB-1242	EPA 8082
Hydrogen Ion (pH)	EPA 9045C	PCB-1248	EPA 8082
	<u> </u>	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

For 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:

### AIRBORNE ASBESTOS FIBER ANALYSIS

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

2009-07-01 through 2010-06-30

Effective dates



For the National Institute of Standards and Technology