Empire State Development Corporation

at

Midtown Plaza Asbestos Abatement
McCurdy's Building
Basement Area B3
Rochester, New York

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

June 9 - July 7, 2010



REPORT PREPARED BY

Paradigm Environmental Services, Inc.

179 Lake Avenue, Rochester, New York 14608

Notifications & Quantities Cover Summary



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

July 14, 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 Basement, Work Area B3 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 containment set up began on June 9, 2010. The project continued until completion of abatement as confirmed by satisfactory air samples and Final Visual Inspection on July 7, 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.

Basement Area B3	Total Basement	B3 Only
Material Type	Original Survey Quantities	Verified Removal
Quantities		
Spray-on Fireproofing	35,500 Square Feet	27,200 Square Feet
Ceiling System	16,500 Square Feet	13,600 Square Feet
Pipe Insulation	1,300 Linear Feet	150 Linear Feet
Fittings on Pipe	290 Fittings	55 Each
Fire Doors	6 Doors	$1~\mathrm{Door}$

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

Sincerely,

Bruce Hoogesteger

Paradigm Environmental Services, Inc.



Asbestos Project Notification

Project Reference Number: 25747002

Status: Notification Received

Type: Amended Notification Notification Received: 10/16/2009

Payment Status: Pald in full

Number of amendments: 1

Notification Entered By: Bristol

Environmental, Inc.

Contractor Information

FEIN:232767393

Bristoi 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

Building 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:

Building Representative/Site Contact Name: robert kreuzer Phone Number: 7168825476 E-mail Address: Cell Phone Number: Phase Scope Phase Location Phase Details Phase End Date Phase Start Date Phase # Sub-Contractor Details Asbestos License Number: Name: 47842 Safe Side Environmental Restoration Inc. Night/Weekend/Shift Work Details m-f7a-330p may work evening and weekend to meet schedule Party for Whom Work is being Performed Last Name: First Name: cambria contracting 5105 lockport rd Organization: Address Line 1: lockport City Town or Village: Apt./Suite: NY Address Line 2: State: United States Province: Country: 14094 Zlp Code: \$5,200,000.00 Contract Dollar Amount: 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 Asbestos Licensa Number: Name: 28454 Envoy Environmental Consultants, Inc. **Laboratory Performing Analysis ELAP Registration Number:** Name: 10958 paradigm

Siding:

Vessel covering:

Demolition Re#:

Spray-on insulation:

No

Yes

Yes

Yes

Type of Asbestos Work

Pipe Related:

Demolition:

Other-specify:

Caulking/mastic:

Roofing/flashing:

Clean up:

Yes

No

Yes

Yes

No

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

Linear Feet:

Fee 0 - 259 feet: \$0

\$200

Square Feet: 0 - 159 feet:

Fee \$0

260 - 429 feet: 430 - 824 feet:

\$400 \$1000

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

825 - 1649 feet: 1650 or more feet:

\$2000

500 - 999 feet: 1000 or more feet:

\$1000 \$2000

Remarks



Asbestos Project Notification

Project Reference Number: 25747002

CY18558Y19

Status: Notification Received

Payment Status: Paid in full

Notification Entered By: Bristol Environmental, Inc.

Type: Amended Notification

Notification Received: 10/16/2009 Number of amendments; 2

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

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

Building 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.fl): 460000

Is this fee exempt project?: NO

Reason:

Waste Transporter

Name: riccelli Irucking

NY9 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: iesi 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

schedule Linear Feet:

Fee \$0 Square Feet: 0 - 159 feet: Fee \$0

0 - 259 feet: 260 - 429 feet: \$0 \$200

160 - 259 feet:

\$200

430 - 824 feet: 825 - 1649 feet: \$400 \$1000 260 - 499 feet: 500 - 999 feet: \$400 \$1000

1650 or more feet:

\$2000

1000 or more feet:

\$2000

Remarks



New York State Department of Labor
Division of Safety and Health
Ashestos Project Notification
Bullding 12-Room 161B
State Office Campus
Albany, NY 12240
(513) 485-9263
Ashestos Project Notification

A. Time of politice		
Chack only one t	pe of notification below.	and the state of t
T Initial	Complete all sections. The Depart	ment of Labor must receive this notification and fee at least
Renewal	10 days before the project statis. Complete all sections. Submit wit beyond 12 months.	th fee within the last 30 days of a project that will extend
Amended Cancelled Entergency	Submit amended notification with Complete Section G and attach coy You must first call \$18-485-9263 complete and return this form inche Emergency reference #	all sections completed and amended frem(s) circled. py of initial notification or complete all sections. for prior approval of emergency status, then uding:
A Consequent	me libi	
Provide all inform	ation requested below.	
	23-2767300	2. Ashestos license number 31019
3 Contractor nam		4. Moiling address (if different)
	Environmental, Inc	- · · · · · · · · · · · · · · · · · · ·
1123 Be	aver Street	
Bristol	, PA 19007	
,		,
C Tomes and Subs	TELES.	
Provide all inform	ation requested below for the building	g/site where the asbestos project will be conducted.
5. Project dates: 5	Starting date 11/2/09	Completion date9/2/10
		Completion date
	County Monroe	
Name of build	ing McCurdy Buil	lding
Room of other	specific location All rloc	ors
	s only. Bridge ID Number:	
	285 East Main Stree	
		State NY Zip Code 14604
	dion	
Current use	VADADE	Year built Last renovation 1960
		Building size 460,000 sq. ft
Is this a Federa		Transper nac nac area
	nadversite contact; Name woner o	Kreuzer Phone munber 16-882-5476
SH 483 (04-09)		

	scope, location on F to continue,	and starting and end	dates for each pha	ise below. If there are	more than 4 phases, please
Start date	Erid date	Locat	ion	Asbestos Lic. No. Asbestos Lic. No. Asbestos Lic. No. Weekend work Monday - Friday, 7:00 am to 3:30 rends to meat schedule Cambria Contracting 5105 Lockport Road whore Village Lockport, NY 14094 NY Zip Code In Item 3 and Item 12. S 5, 200,000 reappropriate hox and supply variance number. longer be used. Please refer to Part 56 of Title 12 of the egulations of the State of New York (12 NYCRR Part 56). El Individual variance petition number: Applied for a system used (attach additional sheets if necessary.) ms used: el Ale Ventilation Machines, Water	
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10. Will sub	od (e)rotoerhnoo-	nsed: 🖪 No 🗌 Ye	s (If yes, complete	iues below.)	
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Day	/e/hours Sta	ndard shift	., Monday	- Friday, 7:	:00 am to 3:30 p
Maj	vork ev	enings & we	ekends to	meet schedu	ıle
12. The part	y you are doing t	the work for Neo	w Cambria	Contracting	1
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		Stat	NÄ	Zin Code	14094
3. Doilar an	oomi of contrac		•		•
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140	Hoses, A:	irless Spra	yers, Coli	apsible Sho	wers,
٠ ~	Respirato)rs.	**************************************	anan kanan dalam sarah sarah dari dari dari dari dari dari dari dari	
b) 3	lome of air mon			onmental Con	sultants, Inc.
A	lahestos licenso	number; 28454	Company of the second s		
c) N	laine of laborato	ry performing the m	alysis: Parac	ligm Environ	mental Services.
12	LAP Registration	m miniber. 109	58	. 3	

16. Type of asbestos wo	ik (check all that apply)				
Pipe related	Roofing/Nash ing Siding ily Mirror & Céil	ing 💹 Car	ulking/Mastic	Clean up	
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Demolition	if site survey was previously	submitted, prov	ride the reference:		TOWEF.
17. Waste transporter no	me: Riccelli Tr	ucking		*	· ««»
NYS DEC pen	nit number: 7A402 131 East Taft Re		the state of the s	•	
Augress:		·			
City, Town or	Village: Syracuse		and the second second		
State: NY		or Province			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Zip Cođe: 1	3212	PERSON			
Phone aumber:	315-433-5115				
18. Weste disposal site		:			
NAME TEST	- Seneca Meado	ws, Inc.			•
Address:	1786 Selcman	Road			•
City. Town or	Village: Waterlou			A CONTRACTOR OF THE CONTRACTOR	
	lewYork	or Province	×.		
Zin Code: 13	165 .				
	315-539-5624	ALL PROPERTY.		•	
the continued management are to the continued and the	asbestos-containing material 7,660		3	75,450	
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Non-Friable linear fee	6,300			23.150	m+
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Total school of					
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	r feet and one box for square i	feet.			
20. Fee schedule:	a) Linear feet	,	b) Square feet		
	0 - 259	(30)	0-159	(80)	
•	260 - 429((\$200)	[] 160 - 259	(\$200)	
•	430 - 824((\$400)	260 - 499 ,.	(\$400))
	25 - 1649	(\$1,000)	□ 500 - 999	(\$1,00	0)
	₭ 1650 or more	(\$2,000)	1000 or mor	e ,(\$2,000))
21. Total fee due for proj	ject \$ 4,000.00	(&qq	20a and 20b)		•

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C. Square		
certify that the information specified on this potification is true and compliance with the requirements of Code state 56. (no cosigns or a	i accurate and that the proje	ce will be conducted in
Signature of the Contractor of May Authorized Representative	/0-/S	-09
Print name of the Contractor or Duly Authorized Representative	Date	



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 Project Notification

Filing an exterior property and a control

Who must provide asbestos project notification

ナエロじじじしょじ

If the exhestos removel project is:

- . Incated within New York State
- involves more than 260 linear feet or 160 square feet of ashestos or ashestos-containing material in a building.

you must notify the Asbestos Control Board before starting work on the removal, encapsulation, enclosure or disturbance of friable asbestos, or before handling material containing asbestos that may result in the release of sabestos fiber.

		•	Method of an	Hiphie Control			
			Written polification	Telephone notification			
		[pH[a]	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			
of modification	sed	Postpoped	At least 3 colendar days prior to new start date sad at least 1 calendar day prior to initial notification start date	At least 1 calendar day prior to mittel notification start date			
The aff	Assended	Cancelled	At least 1 calendar day prior to initial notification start date	At least 1 calendar day prior to ball a notification start date			
			phone notification requires written follow-up within 5 working days.				
		Emergency	Within 3 working days of telephone notification and approval of emergency status by the Asbeston Control Bureau	As emergency situation arises			

When to We a notification

A new notification and project fee 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

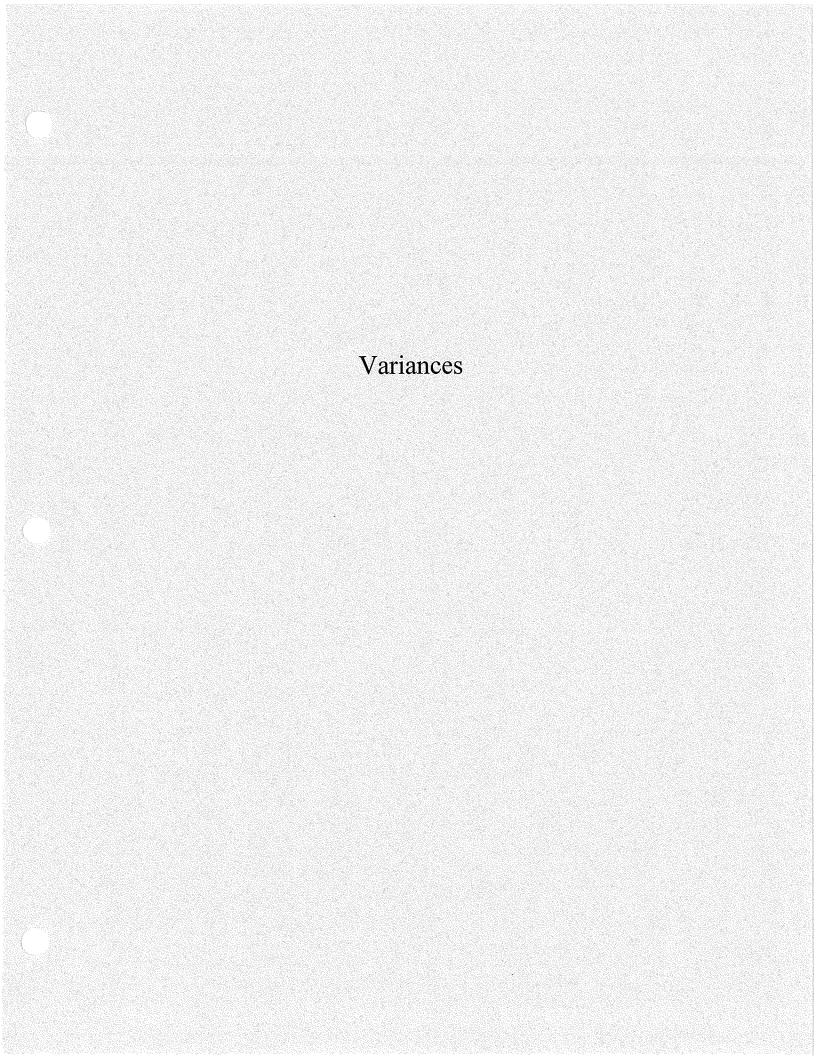
For a postponed project with an unknown starting date, an amendment must be filed within the paried specified above. Once a starting date is determined, another amendment must be filed at least 3 calendar days prior to that date.

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

How to file a notification

- Send the completed signed form to:
 New York State Department of Labor
 Division of Safety and Health, Asbestos Project Northeation
 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 from 19. The notification is not complete until the non-refundable fee is received by the Department of Labor.

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





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

Petition for an Asbestos Variance

 Complete all of the information on pages one and two of this asbestos variance request. Please type or priesing and date page two of the certification and all of the attachments. Send two copies of the petition and all attachments, with your \$350 fee, to the address at the top of this page. Make your check or money order payable to the Commissioner of Labor. Optional: To speed up the process you may include a self-addressed, stamped, express-mail envelope. 	
1a. Is this petition related to a safety or health emergency?YesX_No b. If yes, explain:	
2a. Name of Petitioner, (Property Owner): Empire State Development Corporation	
b. Street Address: 400 Andrews Street - Suite 100	
c. City: Rochester d. State: NY e. Zip: 14604	
f. Telephone Number: (585) 325-1944 g. Fax Number: (585) 325-6505 h. Petitioner's Federal Employee Identification Number (FEIN)	
Cambria Contracting	
3a. Petitioner's Agent (Asbestos Contractor) Firm Name: b. Street Address: 5105 Lockport Road	
c. City: Lockport d. State: NY e. Zip: 14094	
f. Telephone Number: (716) 625 - 6690 g. Fax Number: (716) 625-6693	
4a. Asbestos Contractor License No. 29410 b. Name of Firm: Cambria Contracting	
5. Building Description: a. Affecting premises known as: The MCCURDY'S Building	
b. These premises are situated on the North, South, East, West side of Street, Ave, I c. County of Monroe d. Street Address: Main / Broad / Euclid	Road
d. Street Address: Main / Broad / Euclid	
e. City kocnester f. State: NT g. Zip	
h. Is building occupied? Yes X No i. Current function of building: Vacant	
j. Approximate area (square feet) of building: 500,000 k. Number of stories or height in feet: 6 l. What is within 25 feet of all four sides (North, South, East, West) of building? i.e. sidewalk, alley, land, another	
building, etc.: Sidewalks, alleys and other vacant buildings in Midtown complex	
6. Order To Comply or Notice of Violation. Attach copy. a. Issued to:OwnerAsbestos ContractorOperatorOther b. Name on Order or Notice:O Date issued: / / d. List the Industrial Code Rule (ICR) citations given on the Order to Comply or Notice of Violation:	
7. If a variance has been granted previously for work closely resembling this project list: a. Variance number: File No. 07-0501 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.

6. Work An	ea Descri	ption Table:	Attach additional tel	bles and scale	trawings of work arac	ena pictures,	es liactor	
Work Area Designation	Exterior or Interior	Wark/Room Area Dimensions	Type of Asbestos Containing Material (ACM)	Quantity of ACM	Condition of ACM (level of damage)	Frieblilty of ACM (non-frieble or frieble)	Type of Containment (full, 2-tayer tent, single layer tent, open-air, etc.)	
		<u> </u>						
					AND	<u> </u>		
			Please refer t	o attachme	nts for all ACM o	uantities		
9. ICR 56 R Provide s	elief Sou ufficient de	ght: List the intachr	nent	Mary Service Andrews Control of the Party	ich relief is sought, fo	r each work are	as or method used.	
			see atta	chments				
estatas.	metros en	ingled and cand	not be plasticized) fo letter or EPA Approx	r each work en	r decons, exhaust du ea or method used? cable	Provide sufficie	sni detali in an	
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I request is	that the C	ommissioner o	of Labor issue a va	eriance from t	Certificatio	n	de Rule (ICR) 56. This	
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if if if if if igive the (U.i.) rep about with informatio required t Labor, an	the state of the s							
12 a. Prol	ect deslar	ner name (prin	t): Robert	Barr				
h Pmi	act Desim	Ashesine Co	niracior firm name	56	Services, Inc.			
-	_		independent litti i 1931116					
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d. City:					• • • • • • • • • • • • • • • • • • • •	-	16) 341-8601	
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13 a. Pro	ect design	ner signature:	Ilm	13-		b. Date: _	10/01/09	

M Euron's

SH 752 (0208)

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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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:

16 17

The McCurdy's Building - Asbestos Containing Materials:

- 19 Spray-on Fireproofing –417,500 SF
- 20 Ceiling systems 262,750 SF
- Pipe insulation 6,990 LF
- Pipe insulation debris 1000 SF
- Fittings on fiberglass pipe insulation 670 fittings
- 24 Duct/duct block insulation 2.550 SF
- 25 Floor tile/mastic 39,700 SF
- 26 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 ceiting 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

container itself serves the intended function of isolating and protecting the 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

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:

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

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:

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

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.

Sequencing of Work Area Preparation and Removals

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

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

 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 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 penetive pressure.
 - 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.

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- 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 contaminated materials will be
 - 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.

- The work area will be HEPA-vacuumed.
 - 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 58-11.2 (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.

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

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



January 18, 2010

0943 **APPROVE**

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

JAN 2,02010

New York State Dept. of Labor Engineering Services Unit

Midtown Mall McCurdy's Building - Variance Application Amendment - 09-0945 RE:

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 containment 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.
- * Fool shall be HEPA exhausted Removal of the glue dots will be intact and will include the non-ACM substrate below, the material will be removed with an electric/air chipping gun.

★ €A5 Any debris will be HAPA-vac and of wet wiped at end of shift.

to Wet methods required

All other provisions of the variance will remain.

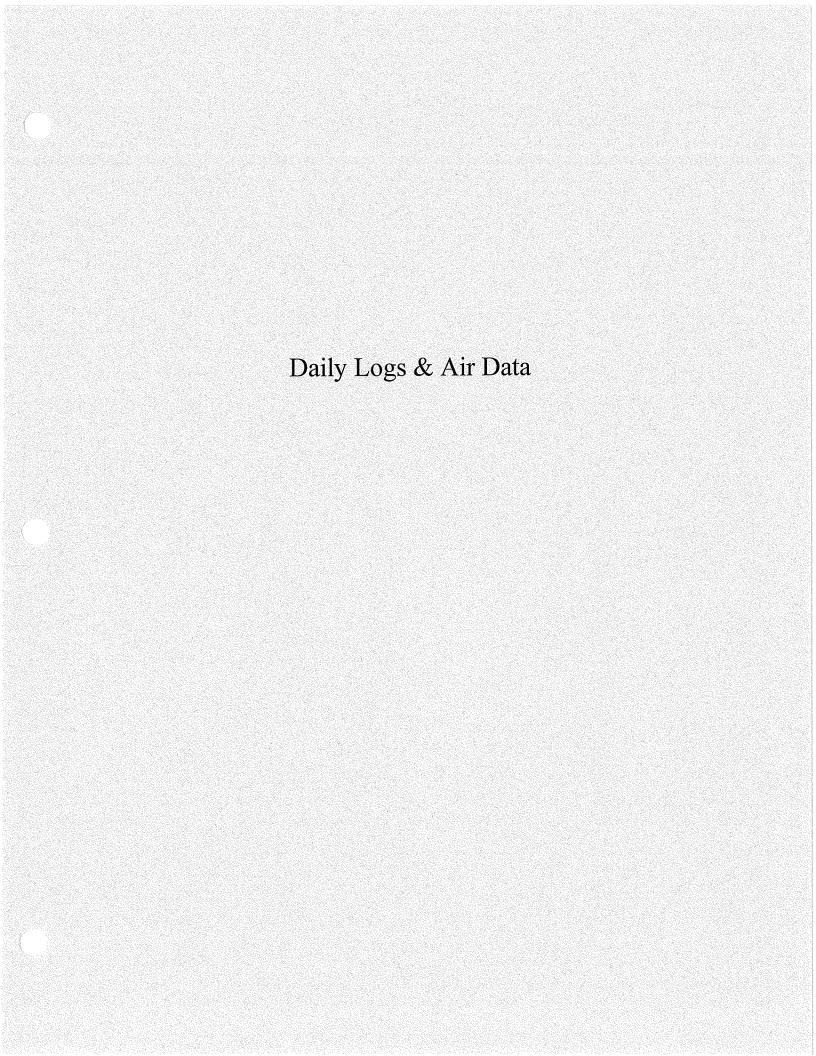
Thank you for your help in this matter.

* full time Project Monitor to

Sincerely.

Robert Barr

NYS Project Designer #93-19183



ENVOY environmental consultants, inc.

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PARADIGM

ENVIRONMENTAL SERVICES, INC.

□ 179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311 □ 1815 Love Road, Grand Island, NY 14072 Office (716)775-5777 Fax (716) 775-5778

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

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☐ 179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311 ☐ 1815 Love Road, Grand Island, NY 14072 Office (716)775-5777 Fax (716) 775-5778

Asbestos Air Monitoring Chain of Custody

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Project Phase	Backgrounds	Work Preparation samples	Asbestos Hand	.ling Samples , 1	Final Cleaning	Samples	Minor			
Job Type	Class I	Class II	Large]	Small L		MIIOI L.1			
Job Type		Sq/ft	Ln/ft	Project with	multiple rem	ovals 🔲				
Type of Material						Ctic Olege				
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Air Technician Signatu		ant which must be viewed in its	entirety.							



ENVIRONMENTAL SERVICES, INC.

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Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

	Lab Job # 913-10	
	Job Ticket #	lin
	40390	(911)
-	Project #	

09-1080

Empire	State D	evelop	oment C	Corpora		May	CKS.							
Client				2			Client C	Client Contact Client Contact Phone						
Building/L	U rdys	*		Work Are	22		- 1	Air Tool	Air Technician Air Technician Phone					
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6	7													
Rotometer	#		1	Cassette	Lot#			Materia	ls to be Rei	moved	1 72			
Project				,	1		-				*			
Phase	Phase I		Phase I	No.	Phase I	IB 🗌		e IIC	Phase I		Env.			
Field Data	Background		Work Area P		Asbestos Ha		Final Cle	aning	Clearance A	irs				
Field	111			P				0						
Sample #	06	07	08	09	016		BI	Ba						
Calibrated Flow Rate	3	3	3	3	3	9					T ak at a	And the second		
Post- Calibrated Flow Rate	3	3	3	3	3						20.20			
Average Flow Rate	3	3	3	3	3					4.5				
Start Time Military Time	0608	0608	0609	0609	0604	1	The same of the same of		tighty secoloris			-		
End Time Military Time	1438	1438	1439	14.39	1434		· ·							
Duration (Minutes)	SIO	510	SIU	510	510									
Sample Volume (Liters)	The same of		1530	1530	1530									
Laboratory	analysis F	Performe	d by: Parad	digm Envir	onmental 3	Services,	Inc. \square	Buf ELAF	O ID # 11955	Ro	ch ELAP I	D # 10958		
Lab Sample #	3119	180	181	182	183	2	184	1 165	F ₂₄	1 2		A. M. Fr		
Fibers/100 Fields:	3	10	6.5	7	2		0	0	+		- 176	7		
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Sampled b		11/	1 +1	00				Date:	6	-11-	10	Ta 4, 75		
Relinquish	Part Cal	111	110	ga.		A ·		Date:			inder v			
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Analyzed E	1	Jodel 9	#: 0 0	1100			- W 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Date:	Lolla ound Time	10		1		
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Project Monitor: Air Technician:	Hom B	Popon	annian dia mangapi di Annian annian di Principa di Annian di Annian di Annia	Date: 6	-14-10	· ·	1:40391
Building / Location	on: MCCU	ody5	Work Area:	B3		Shift (<u>В</u> С
Project Description	urg verseren sendere verseren in den verdelle vers die zuggeschwerde lan			-		Mark	
Client / Owner (Print Name)			Client / Owner Repres	entative (Print Name)	and the second seco	Client Contact (Print	Name)
BE!			R	Lion_			and the second s
Abatement Contractor (Prin			Abatement Supervisor	(Print Name)		NYSDOL Asbestos F	landling Certificate Number
Yes No D			Rotometer Number			Dale of Last Calibrat	ion
map og apare	Phase IB	Phase IIA		ise IIB	Phase IIC		Phase IIC 🔲
Project Phase	Backgrounds	Work Preparation sa		stos Handling Samples	Final Cleaning	Samples	Clearance Air Samples
Job Type	Class I	Class II	Lar	ge /	Small L		Minor L
oob type	•	Sq/fi	Ln/ft	Project	with multiple ren	novals 🔲	
Type of Material					01	541- Ol	ale
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Asbestos Air Monitoring Chain of Custody

1	Lab Job # 7/6/0
	Job Ticket # 4 10391 B
	Project #
	09-1080

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	Client	7	1		7	-	·		Client Co	ntact	Client	Contact I	Phone		
_	Building/L	CUYC	145		Work Are	> >		. "	Air Technician Air Technician Phone				Phone		
	RF	Cation			Di	d			All reclinician				Maria - 1		
	Contracto	r			Contract	or Contac	t		Fax Resu	ılts To:		Fax #	-		
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	Rotometer	#			Cassette	Lot#			Materials	to be Rer	noved				
	Project	_				1	,	1				*	+		
	Phase	Phase I		Phase II		Phase I						Env.			
	Field Data	Background and Samp		Work Area Prided By: El		Asbestos Haronmental		Final Clean ts, Inc.	ing	Clearance A	irs				
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L	Sample #	06	67	08	01	0/0	0/1	018	-01-	OU		1	10		
	Calibrated Flow Rate	3	3	3	3	3	3	3	3	3					
	Post- Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	10.21	ed are .			
-	Average	3	3		2	3	2	3		フ	Trans.				
	Flow Rate		2012	3	3		SAN!	0	13	2					
	Start Time Military Time	0700	0700	0701	6702	0704	6763	0702	0706	0707					
	End Time Military Time	1700	1700	1701	1702	1704	1703	1702	1706	1707					
	Duration (Minutes)	600	600	600	600	600	600	600	600	600	= 20				
	Sample Volume (Liters)	1860	1800	1800	1800		1810	180		1800					
1	aboratory	analysis F	Performe	d by: Parac	ligm Envir	onmental S	Services, I	nc. B	uf ELAP	ID # 11955	Roo		D # 10958		
ħ,	Lab Sample #	and the second	2	3	4	5	6	7	8	9		10			
	Fibers/100 Fields:	estatution of the same	13	8	15	6	4	9	3	4		0	0		
8	Fibers/cc:	20,001	0.003	0.002	0.004	0.002	10.001	0.002	10,001	101001		1			
3	Sampled b	y:	Jight _	1111		70	1		Date:	- /-	14-1	10			
Ī	Relinquish	ed by:	1	11-11	Wa	Ken			Date:	1/11	10				
F	Received i	n Lab By:	m	1	the				Date:	6/14	10				
1	Analyzed E	By:	M	Im	th				Date:	115/1	9				
1	<i>Aicroscope</i>	e Make, N	lodel & i	#: OL-	f CH	12	4.7 ·	5 - 1	Turn-arou	und Time	Immed.	24 Hr.	48 Hr.		
	Comments			- 1		1				117		()		

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Project Moni Air Technicia		Matt	Popler	magnatura i in shar yan kalingin ka kanan ya ka	Date:	6-15-10	Job Ticke	
Desilation of Lo	7		V. 12	Work Area:	B3		Shift (A) B C
Building / Lo	cation: N	ACCUTO	M/2	Alea.				
E50	C				mork	<u> </u>		
Client / Owner (Print			C	lient / Owner Repres		0)	Client Contact (Pri	int Name)
BE			and the second s		ch		NVCDOL Schoots	s Handling Certificate Number
Abatement Contract	,		A	batement Supervisor 69	(Print Name)		MASDOF Weresto	s Handling Geraldate Warner
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Project Phase	Backgr		Work Preparation samp		tos Handling Samp		ning Samples	Clearance Air Samples
	Class	s 1 🗖	Class II	Larg	je Z	Smail		Minor
Јор Туре		/			7		. —	
			Sq/ft	Ln/ft	Proje	ect with multiple re	emovals L_l	
Type of Material		Ond Charle	3	rd Check	2	Ith Check	5th Ch	neck
1st Check Time of air sampling	pump check	2nd Check	J	Id Officia		THE CHOOK		
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The Air Monitoring	Log Book is a	multi-page document	which must be viewed in	its entirety.				



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Asbestos Air Monitoring Chain of Custody

Lab Job #
8054-10
Job Ticket #
40393
Project #
09-10877

Empire	State D	evelop	oment C	orpora		mo	5KS	*				
Client				00			Client Contact Phone					
M.C.	undy	5		155)	i de la companya de l	" - " Y =	Air Technician Air Technician Phone				
Building/L	ocation >			Work Are	ea			Air Technician Air Technician Phone				
Contractor	r	*	4 3 4 7	Contract	or Contac	:t	lage v	Fax Resu	ılts To:		Fax #	
(9											
Rotometer	#			Cassette	Lot#			Materials	to be Rei	noved	10 10 10	14
Project	Project \triangle						1				*	
Phase	Phase I	B	Phase II	A	Phase I	IB 🔃	Phase	IIC 🗌	Phase I	IC 🗌	Env.	
Field Date	Background Work Area Preparation Asbestos Handling Field Data and Sampling Provided By: Envoy Environmental Consult								Clearance A	irs		
Field Data	and Sampl	ling Prov	паеа ву. Ег	IVOY ETIVII	Onmental	Consultan						
Sample #	06	07	08	09	010	011	610	013	014	131	Ba	F 4 5
Pre- Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post- Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			" (Shot i)
Average Flow Rate	3	3	3	3	3	3	3	3	3			86 74 77
Start Time Military Time	0700	0700	0701	0702	0704	0702	0701	0708	0709			
End Time Military Time	1700	1700	1701	1702	1704	1702	not	1708	1709			
Duration (Minutes)	600	600	600	600	600	600	600	600	600		ST.	
Sample Volume (Liters)	1800	1800	1800	1800		1800	1800	1500				
Laboratory	analysis F	Performed	d by: Parac	ligm Envir	onmental S	Services, I	Inc. 🗆 B	Buf ELAP I	ID # 11955	Roo	ch ELAP I	D # 10958
Lab Sample #	54102	103	104	105	1010	107	108	109	110	111	112	
Fibers/100 Fields:	12	10	8	15	9	7.5	11	16	3	0	0	
Fibers/cc:	10.01	20.01	20.01	40.01	20.01	20.01	10.01		40.01			
Sampled b		1	111	01	,		1 2 2 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Date:		10-15	-10	graver, s
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		1 7 7		a 4.5	1		n v			5.1D		3
Microscope		lodel & #	#:	035	575	7		Turn-arou	und Time	Immed.	24 Hr.	48 Hr.
Comments												

ENVOY

environmental consultants, inc. Air Sampling Log Book As per 12NYCRR amended January 11, 2006 Job Ticket #: 40396 Project Monitor: 🎵 Date: (0-16-10 Air Technician: Building / Location: M Client / Owner Representative (Print Name) NYSDOL Asbestos Handling Certificate Number Yes 🖾 No 🗆 Date of Last Calibration Map Completed Phase IIC Phase IIC Phase IB Phase IIA L___ Phase IIB Clearance Air Samples Final Cleaning Samples Work Preparation samples Project Phase Minor Small Class II Class I Job Type Project with multiple removals | Ln/ft Sq/ft Type of Material 4th Check 5th Check 3rd Check 2nd Check 1st Check Time of air sampling pump check Notes 0700 1700

Air Technician Signature

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Asbestos Air Monitoring Chain of Custody

	Lab Job #72810
j	Job Ticket #
	40396
	Project #
	09-1080

Empire	State D	evelop	oment C	Marks.									
Client	1			77		Client Co	ntact	Client	Contact F	Phone			
MCC	UTU	15		10)	7 1 2		Air Tash	HY	Air To	chnician l	Phone	
Building/L	ocation			Work Are	a			Air Techi	пстап	Air rec	mician i	rione	
Contracto	r			Contracto	or Contac	t		Fax Results To: Fax #					
Contracto	9			Communic	or oomao								
Rotometer	r#			Cassette	Lot#			Materials	to be Ren	noved	2.0		
Project					1		1				*		
Phase	Phase	IB	Phase II	IA	Phase I	IB 🖊	Phase	IIC 🗌	Phase I	IC 🗌	Env.	dina es	
	Background Work Area Preparation Asbestos Handling Final C Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc									irs			
Field Data Field	and Samp	ling Prov	rided By: E	nvoy Envir	onmental	Consultan	ts, Inc.						
Sample #	06	07	08	09	010	011	017	0/3	014		131	BZ	
Pre- Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	- N			
Post- Calibrated Flow Rate	3	3	3	3	3	- 3	3	3	3				
Average Flow Rate	3	3	3	13	3.	3	3	3	3	1			
Start Time Military Time	0700	0700	0701	0702	0705	0702	0701	0706	6709				
End Time Military Time	1700	1100	1701	1700	1705	1702	1701	1706	1709	· · · · · · · · · · · · · · · · · · ·			
Duration (Minutes)	600	600	600	600	low	600	low	600	600				
Sample Volume (Liters)	1800	Koto	1800	1800	1400	1800	1800	1800	1800	i in the second	4	e er en vus	
Laboratory	analysis F	Performe	d by: Parac	digm Enviro	onmental S	Services, I	nc. \square E	Buf ELAP	D # 11955	Roc	h ELAP I	D # 10958	
Lab Sample #		2	3	4	5	6	7,	8	9		10	11	
Fibers/100 Fields:	2	17	68	11	13	19	34	8	10		0	0	
Fibers/cc:	10,001	0.004	0.018	0.003	0.003	0,005	0.009	0.002	0.003				
Sampled b	y:	I IA A	71	0	2 0	10 to 1 1 y		Date:	5, 45 7 5	1	1-11	7	
Relinquish	Relinquished by:									6-1	6 16		
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Microscop	38.7	Nodel &	# OL	Y CI	42			Turn-aro	und Time	Immed.	24 Hr.	48 Hr.	
Comments												-	

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Project Monitor: Air Technician:	Mat R	ofen	inay yang gaga maji kapa gayay sayay ang akamai saking inkabigi kabang	Date:	6-17-10	Job Tick	ket #:	1035		
Building / Location: (nccord	45 	Work Area:	B3_		Shift	(A)	B 	C	
Project Description										
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Client / Owner (Print Name)		Clief	ii 7 Owner Heptese) - 1		V 1.2	,			
Abatement Contractor (Print Name)		Abat	ement Supervisor	(Print Name)		NYSDOL Asbe	stos Handling	g Certificate	Number	
Yes 🗘 No 🗆			69							
Map Completed		Roto	meter Number			Date of Last Co	alibration	**************************************		
Pha	se IB 🔲	Phase IIA	Phas	se IIB 🗹		Phase IIC Ph				
Project Phase Backg	rounds	Work Preparation samples	Asbes	los Handling Samples		Samples		arance Air s	Samples 1	
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Type of Material			.	411	01	rih i	Chaol.			
1st Check Time of air sampling pump check	2nd Check	3rd	Check	4tr	n Check	OUI V	Check			
Notes										
on site	063	<u>88</u>	and the second s				de			
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Air Technician Signature	Mario and a decimand	shiph must be useward in its	entirety							



ENVIRONMENTAL SERVICES, INC

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### Asbestos Air Monitoring Chain of Custody

	Lab Job #	
1	8229-10	
	Job Ticket #	1001L
-	40347	18011
	Project #	
	09-1080	

Empire	State D	evelop	ment C	orpora	tion			Ma	rks			
Client		-	4					Client Co	ntact	Client	Contact F	Phone
McC	urdis			BE	3			Mal	tP.			
Building/L	ocation			Work Are	a I			Air Techi	nician	Air Ted	chnician F	Phone
BE	1					- A.			**			- 1,500
Contracto	r			Contract	or Contac	t		Fax Resu	ılts To:		Fax #	
69	100		+ "tag"		1 1 = 1				- A - 14 - 1		A . A . D	
Rotometer	#			Cassette	Lot#			Materials	to be Rer	noved		
Project	$\wedge$				1		1				*	
Phase	Phase I	ВП	Phase II	АП	Phase I	IB 🖊	Phase !	IIC	Phase I	IC 🗆	Env.	
	Background		Work Area P		Asbestos Ha	7	Final Clean		Clearance A			
Field Data	and Sampl	ing Prov	ided By: Ei	nvoy Envir	onmental (	Consultan	ts, Inc.			* '		
Field	0/		47.11		Cale	011	20	0/3	014	Blank	Blook	
Sample #	06	01	08	09	010	011	012	0/3	017	TAIL	DICH	
Calibrated Flow Rate	3	3	3	3	- 3	3	3	3	3			
Post-	3	3	3	3	2	3	3	3	3	2 2 2		and the second
Flow Rate	2		Splan 2	7	3		wer by		7			7
Average Flow Rate	3	3	3	3.	3	3	3	3	3			
Start Time Military Time	0700	07w	0701	070]	0764	0701	0702	0705	0708	F		\$17.8 FE 9
End Time Military Time	1700	ne	1701	1707	1704	1701	1702	1705	1708			=
Duration (Minutes)	lew	600	ba	600	600	600	low	lovo	600		- X	
Sample Volume (Liters)	180	1800		1800	1800.	.000	1800	1800	1800			egen d
Laboratory	analysis P	erformed	d by: Parac	digm Envir	onmental S	Services, i	Inc. 🗆 B	Buf ELAP	ID # 11955	Roc	h ELAP I	D # 10958
Lab Sample #	5540	401	Un.	403	404	405	400	407	4080	408h	40%	e di
Fibers/100 Fields:	4	1	11	8.5	7	6	4	(	3	0		
Fibers/cc:	20.01	(-0.2)	60.01	40.01	Lord	4001	40.01	20.01	10-01	1		
Sampled b		4 -1	0 0 1					Date:		,		
100			IAA	110	10				1	2-17	-10	
Relinquish	ed by:	A I	1114	11/2	ven			Date:	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
Received i	n Lab By:	the	111	eat	hen	nat	n	Date:	11/1	5/10		2. 69
Analyzed l	By:	lit	Th	1	- Market San		10	Date:	6-71	-10		
Microscop	e Make, N	lodel & a	#: 22	3675	7			Turn-aro	und Time	Immed.	24 Hr.	48 Hr.
Comments	:	100			1			ā, iệ				

	Air Sa	ampling Log	Book		
	As per 12NY	'CRR amended Jan	uary 11, 2006		
Project Monitor: Air Technician:	Kopen	Date	: 6-18-70	Job Ticke	t#: 40350
Building / Location: MCC	พโบร	Work Area: B3		Shift	A B C
Project Description					
ESPL				MOCK	int Nama)
Client / Owner (Print Name)	Client /	Owner Representative (Print Na	me)	Client Contact (Pr	int Name)
Abatement Contractor (Print Name)	Abatem	nent Supervisor (Print Name)		NYSDOL Asbesto	os Handling Certificate Number
Yes ☑ No □		69			
Map Completed		eter Number		Date of Last Calib	ration
Phase IB	Phase IIA	Phase IIB	Phase IIC		Phase IIC
Project Phase Backgrounds	Work Preparation samples	Asbestos Handling San	nples Final Cleaning	Samples	Clearance Air Samples
Class I	Class II	Large	Small L	<u> </u>	Minor L
Job Type	Sq/ft	Ln/ft Pro	ect with multiple rem	ovals $\square$	
Type of Material					
1st Check 2nd Che	eck 3rd C	heck	4th Check	5th Ch	<u>ieck</u>
Time of air sampling pump check Notes					
(m Site	0530				_
Cal /	Set UP	0600			
				<b></b>	
har	<u> </u>	1330			
prore	2 Jaw	1300			
	No. of the last of				
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Air Technician Signature	ant which report to viceword in its one	licaty			



ENVIRONMENTAL SERVICES, INC

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### Asbestos Air Monitoring Chain of Custody

Lab Job # 8252-10
Job Ticket # 40350
Project #

Empire	State D	evelop	ment C	orpora	tion			ESD	C Mari	4.				
Client	- tylin	2 15	p of gen	0 =		- 4	1.		Client Contact Client Contact Phone					
	urdy?		- 1	155	med to the	1111111		Air Technician Air Technician Phone						
Building/L	ocation			Work Are	ea			Air Techi	nician	Air Te	cnnician	Pnone		
BE	. 1 4 4 1	1200		KICH	or Contac		, i albi	Fax Resu	ilte To:		Fax #			
Contracto	G			Contract	or Comac	ı		Tax Nest	ax Nesuns 10.					
Rotometer	-#			Cassette	Lot#			Materials	to be Ren	noved				
	"													
Project	Dhanal	p 🗆	Dhaga II	Λ	Phase	ID I	Phase	IIC 🗆	Phase I	IC 🗆	₩ Env.			
Phase	Phase I Background		Phase II Work Area P		Phase I	-	Final Clean		Clearance A		Liv.			
Field Data				,						H 125-	[			
Field	06	07	08	09	010	011	612	013	64	. 31	31	32		
Sample #	00	0.7					0.0							
Calibrated	3	3	3	3	3	3	3	3	3		-115			
Flow Rate Post-	, mg		3	-				3				4 4		
Calibrated Flow Rate	3	3		3	3	3	3	2	3					
Average	- 2	. 3	2	13	.3.		2	3	3		. 1 5/4 5 15	E2 1 5 . 38		
Flow Rate		4	3	415	142	3		_1,-1		i. A				
Start Time	,53		37.71	ald in	100		1	1	0( =	e the	*	use to a		
Military	0600	0600	0601	0601	0604	0601	0609	0604	0608					
End Time Military	13.24	1220	1224		13-4	1331	1332	1334	1338					
Time	1330	1330	1334	1331	1334	1331		1-1-1						
Duration	450	450	450	450	450	4150	430	4150	450					
(Minutes) Sample	100	130				er payer		1				Sec. 1. 14		
Volume	1350	1350	1350	1350	1350	1350	1350	1350	1350	)		SAME TO SERVE		
(Liters) Laboratory	analysis F					Services	$lnc$ $\Box E$	Buf ELAP	ID # 11955	□ Roo	ch ELAP I	D # 10958		
Lab Sample			by. ( arac	x " - p										
#	5594	Sur	543	564	25	566	907	500	509		50	571		
Fibers/100	0	10 C	11	EC	1			2	2					
Fields:	0.5	10,0	600	0.0	10.5	5	- /	0	dis	4.	()			
Filhara/ani	101	1-1	101	101	101	101	101	101	101		NIA	N/A		
Fibers/cc:	4.01	6.01	2,01	2,01	4,01	6.01	4,01	1,01	2101		IVIA	MIL		
Sampled b	y:				1	1-164		Date:	h Sameh h	1	10 1	6		
Relinquish	ed hy:	-	Act	1	)/COV	7		Date:		10-	18-1	0		
neinquisti	eu by.	1	1411	10		Section of		Date.			4			
Received i	n Lab By:	5			g Think			Date:	3-10					
Analyzed L	Ву:			SO				Date:	1. 10	7-10	N.			
Microscope	o Mako M	lodel 8	#.	00		4.1		Turn-aro	und Time	1 ,/0	9 /	M		
wiicroscop	e iviake, IV	iouel a	r.	1 -12 -1	2357	151	- XI 1 -	rum-arol	and mine	Immed.	24 Hr.	48 Hr.		

		Air S	ampling	g Log t	Book				
			YCRR amen						
Project Monitor Air Technician:	: I mat	Polen			6-21-10	Job Ticket	#: 4035 <u>)</u>		
	/	*	Work	B3		Shift /	A B C		
Building / Locat	tion: McCuy	Uys	Area:	100			aut de la constant de		
Project Description		•				Marx	٤		
Client / Owner (Print Nan	no)	Client	/ Owner Representa	ative (Print Name)		Client Contact (Prin			
Client / Owner (Print Ivan	ne,	J. I.	D.	54					
Abatement Contractor (P	Print Name)	Abate	ment Supervisor (Pr	rint Name)	Annual Company	NYSDOL Asbestos	Handling Certificate Number		
Yes IZI No I	•	. /	99						
Map Completed			neter Number		Date of Last Calibration				
	Phase IB	Phase IIA	Phase	IIB 🗹	Phase II	с 🗆	Phase IIC		
Project Phase	Backgrounds	Work Preparation samples		Handling Sample:	Final Clean	ing Samples	Clearance Air Samples		
	Class I	Class II	Large	$\square$	Small [		Minor		
Job Type			ONE SOURCE AND PRINTERS OF THE OWNER.						
F(		Sq/ft	Ln/ft	Projec	t with multiple re	movals			
Type of Material							,		
1st Check	2nd Che	ck 3rd	Check	41	h Check	5th Ch	eck		
Time of air sampling pun Notes	np check								
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Air Technician Signatur The Air Monitoring Log	re g Book is a mulli-page docum	m which must be viewed in its	entirety.						



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### Asbestos Air Monitoring Chain of Custody

75210	
Lab Job #4/5-/0	
Job Ticket # 40352 VIII	121
Project #	

Empire	State D	evelop	oment C	orpora	tion			Ma	rks.			
Client	curd.	15		B	3			Client Co	intact	Client	Contact I	Phone
Building/L		17		Work Are	ea		•	Air Tech	nician	Air Te	chnician l	Phone
BE	1			Ri	ch:			1 × 1× 18	g e en		- Janes 1	
Contracto				Contract	or Contac	t / .		Fax Resu	ults To:		Fax #	
Rotometer		-		Cassette	Lot#			Materials	to be Ren	noved	1 2 2 2 2 2	
	# A			Cassette	LOI #			Materials				
Project Phase	Phase I	B	Phase II	A	Phase I	IB 🗹	Phase	IIC	Phase I	IC 🗆	₩ Env. □	ung A Jan
	Background		Work Area P	reparation	Asbestos Ha	andling	Final Clean		Clearance A			H 65 E
Field Data	and Samp	ling Prov		nvoy Envir	ronmental	Consultar	its, Inc.	1				
Field Sample #	Ole	07	08	09	610	0/1	012	613	614		BI	Ba
Pre- Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post- Calibrated Flow Rate	3	3	3	3	3	3	3	3	3		galide:	
Average Flow Rate	13	3	3	3	NWZ:		(3)	1.3	3			
Start Time Military Time	0700	0700	0700	6701	0704	67.01	6702	0704	0706			
End Time Military Time	1700	1700	1700	1701	1704	1701	1702	1704	1706			
Duration (Minutes)	600	600	600	600	600	600	600	600	600			
Sample Volume (Liters)	1800	1500	1800	1800			1800	1800	18th	)		
Laboratory	analysis F	erforme	d by: Parac	ligm Envir	onmental S	Services,	Inc. 🗆 E	Buf ELAP	ID # 11955	□ Roo	ch ELAP I	D # 10958
Lab Sample #	Relo94	645	696	697	698	699	700	701	702		703	704
Fibers/100 Fields:	4	12.5	23	14	5	16	8	6	Continue	1 14 1	0	0
Fibers/cc:	20.001	0.003	0.006	0.004	10:00	0.004	0,002	01002	10,00			3
Sampled b	y:		101	11/	7,	Talan.	- 4 y.	Date:		Tityan s	0	
Relinquish	ed by:		11/19	H, 1	ufen		p.5	Date:				
	Spiker State		201	7/		9-16-	19 *	. = .	//	1		
Received i		1/1	1/2	MAL	Malle	1		Date:	6/2	1/10	5	100 X
Analyzed E		Ma	th	Im	th			Date:	0/22	110		1
Microscope	e Make, N	lodel & i	#: OL	/ CH	12			Turn-aro	und Time	Immed.	24 Hr.	48 Hr.

#### **ENVOY**

	Air S	ampling Log E	Book	
		YCRR amended Januar		
Air Technician:	H lopen	Date:	6-22-10 Job Ti	
Building / Location: ///	rdis	Work Area: B3	Shift	A) B C
Project Description	010-72		***************************************	
<u>ESDC</u>			Mac	K et (Print Name)
Client / Owner (Print Name)	Client	/ Owner Representative (Print Name)	Cilent Conta	st (Print Name)
Abatement Contractor (Print Name)	Abate	ment Supervisor (Print Name)	NYSDOL As	pestos Handling Certificate Number
Yes   ✓ No   ☐		69		
Map Completed	Roton	neter Number	Date of Last	
Project Phase Backgrounds	Phase IIA	Phase IIB Asbestos Handling Samples	Phase IIC Final Cleaning Samples	Phase IIC L
Class I	Class II	Large 🔼	Small	Minor
Job Type	0,000 11	23.93		
<u>+4;</u>	Sq/ft	Ln/ft Project	t with multiple removals	
Type of Material	Check 3rd (	Check 4th	n Check 5th	Check
1st Check 2nd Time of air sampling pump check	Check Sid (	SHECK 40	1 Officer Offi	Official
Notes				
on site	0630			
Cal / Se	t up e	0768		
	ore down	Q 1700		
- Annual				
		· · · · · · · · · · · · · · · · · · ·		
				and the second s
M. Sk. C /1	Per—			
Air Technician Signature The Air Monitoring Log Rook is a multi-age of	Support which must be viewed in its a	ptirety		



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## Asbestos Air Monitoring Chain of Custody

	Lab Job #
1	848670
	Job Ticket #
	40354
	Project #
	and inches

	Meets NYCRR 56 amended January 11, 2006												
Empire	State D	evelop	oment C	orpora	tion	4.7		Mas	- X				
Client	or, Parks on the	•	Age P.A.				· · · · · · · · ·	Client Co	ntact	Client	Contact	Phone	
Mc	Curdy	5	100	B3	3			Ma			The state of the state of		
Building/	ocation			Work Are	ea			Air Techi	nician	Air Te	chnician	Phone	
BE	1			KIC	h	,		Fax Resu	ulto Tou	-	Eav #		
Contracto	or			Contract	or Contac	t		rax Rest	iits 10:	s To: Fax #			
Rotomete	r#			Cassette	Lot#	-14-2		Materials	to be Rei	noved			
		A STATE OF THE STA	i	0.00000		187	•				<b>V</b>		
Project Phase	Phase I	ID -	Phase II		Phase I	IR I	Phase	IIC 🗆	Phase I	IC 🗆	₩ Env. □	1	
Tilase	Background		Work Area P		Asbestos Ha		Final Clean		Clearance A			l Healtha	
	and Samp				ronmental	Consultan	its, Inc.		*				
Field Sample #	06	67	08	09	010	011	012	0/3	014	9:2"	B1	-32	
Pre-	11					-7			2	1 2 3	- 1	1	
Calibrated Flow Rate	3,	3	3	3	3	3	3	3	3	Orac Tarie		1	
Post- Calibrated Flow Rate	3	-3	3	3	3	3	3	3	3			1 free	
Average Flow Rate	3	3	3	3	3	3.	3	.3	3	*	THE COLUMN		
Start Time Military	0700	0700	6700	0701	0704	0701	0702	0704	0706				
Time End Time				2	1	1 T			-	7			
Military Time	1700	1700	1700	1701	1704	1701	1702	1704	1706	2.1			
Duration (Minutes)	leco	600	600	600	600	600	600	600	600	, , , , , , , , , , , , , , , , , , ,			
Sample Volume (Liters)	1800	1800	1000	15001	1800	1800	1860	1800	1800	. 15			
Laboratory	analysis F	Performe	d by: Parac	digm Envir	onmental	Services,	Inc. B	uf ELAP	ID # 11955	Ro	ch ELAP	D # 10958	
Lab Sample #	100	107	108	109	110	1 1	112	113	114		115	116	
Fibers/100 Fields:	3.5	13	9.5	6	5	5,5	9.5	2.5	3	J.b.	0	ON	
Fibers/cc:	2.01	4,01	1.01	1.01	1.01	4,01	2.01	6,01	2,01		NIA	NIA	
Sampled	by:	111	1	00				Date:	1/	- 2)	-10	Francis	
Relinquist	ned by:	111-	1/-	age.		4		Date:	0	00			
Received	in Lab By:		One	5	100/			Date:	ola	121			
Analyzed	Ву:	Α	0	50	N CV		34	Date:	1000	24-11			
Microscop	e Make, M	1odel &	#:	23	5757			Turn-arou	und Time	Immed.	24 Hr.	48 Hr.	
Commont		-	A STATE OF THE STA	0					WINDS OF THE REAL PROPERTY OF THE PARTY OF T			1	

Comments:

		Air S	Samplin	g Log B	ook				
		As per 12N	YCRR ame	nded January	11, 2006				
Project Monitor: Air Technician:	I matt Pa	Ren		Date: 👍	,-23-10	Job Tick	et #: L		
Building / Locati	on: Mc Cor	dys	Work Area:	B3		Shift	<u> </u>	В	С
F5DC	v ^a	1				Mark	. ک		
Client / Owner (Print Name	<del>)</del>	Client	Owner Represer	ntative (Print Name)		Client Contact (	Print Name)		
Abatement Contractor (Pri	nt Name)	Abate	ement Supervisor (F	Print Name)		NYSDOL Asbe	stos Handling	) Certificate	Number
Yes ☑ No □	]		69				***		
Map Completed	Phase IB	Phase IIA	neter Number Phas		Phase IIC		Ph	ase IIC	
Project Phase	Backgrounds	Work Preparation samples		s Handling Samples	Final Cleaning	Samples		arance Air	Samples ]
Job Type O	Class I	Class II	Large		Small L		IVIII	nor L	<u> </u>
Type of Material		Sq/ft	Ln/ft	Project	with multiple ren	novals 🔲			
1st Check	2nd Check	3rd	Check	4th	Check	5th C	Check		
Time of air sampling pump	check								
on Sit	e diso								
Ca_	1 Set	UP	0700						
	broke	down	1700						
		Notes						,,,,,,	
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Air Technician Signature The Air Monitoring Log B	ook is a multi-page document v	whigh must be viewed in its e	ntirety.						



ENVIRONMENTAL SERVICES, INC

□ 179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311 □ 1815 Love Road, Grand Island, NY 14072 Office (716)775-5777 Fax (716) 775-5778

### Asbestos Air Monitoring Chain of Custody

Lab Job #
07-8800
Job Ticket #
410356 U1604
Project #
r roject #

Empire	State D	evelop	oment C	orpora			Ma	rks.				
Client		X 7 = 1	gra	1.4 2.4		1 2 - 4		Client Co	ntact	Client	Contact	Phone
Me	Curdy	5		B3				Air Technician Air Technician Phone				
Building	Location			Work Are	ea			Air Technician Air Technician Phone				
54	51			Contract	or Contac	4		Fax Resu	ulte To:		Fax #	1 200
Contract				Contract	or Contac			rax Rest	ms ro.		I dx #	
	Rotometer # Cassette Lot #								to be Rer	noved		
	^				•		•				V	
Project Phase	Phase I	IR	Phase II	ип	Phase I	IR I	Phase	IIC 🗆	Phase I	IC 🗆	₩ Env. □	1 1 1 1
Filase	Background		Work Area P		Asbestos Ha		Final Clean		Clearance A		Liv.	1
Field Data	a and Samp							· · · · · · · · · · · · · · · · · · ·		- 11 -		, ,
Field	# O(.	07	08	05	A 1/2	011	012	013	014		BI	132
Sample :	7 06	07	00	A. 2. 17	010		12.09					
Calibrated Flow Rate		3	3	3	3	- 3	3	3	3			
Post- Calibrated Flow Rate	A CONTRACTOR OF THE PARTY OF TH	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	37	3	3	3	a de la companya de l		
Start Time Military Time	0763	0760	0700	6701	0704	0701	0702	0704	0706	3 / L		
End Time Military Time	1700	1700	1700	1701	1704	1701	1)07	1704	1706	= = <		
Duration (Minutes)	600	la	600	600	600	600	600	low	600			
Sample Volume (Liters)	1800	1800	1800	16W	1800	1810	180	1800	1800			1
Laborator	y analysis F	Performe	d by: Parac	digm Envir	onmental	Services,	Inc. DE	Buf ELAP	ID # 11955	□Ro	ch ELAP	ID # 10958
Lab Sampl		813	814	85	814	817	818	819	820	e_East	821	872
Fibers/100 Fields:	0	7	8.5	0.5	25	3.5	2	2	11		0	0
Fibers/cc:	1.01	1.d	2,01	101	1,01	1.01	1.01	4.01	4.01		NIA	NIA
Sampled	by:		par so	1		Eggir.	2 PM 11.3	Date:	f F F N	1	7-	A STATE
1		, .	n1				6	23-1	0			
Relinquis	hed by:	1	11.7		Date:							
The Table	I in Lab By:	ton	y H	pat	hen	atr	)	Date:	U/2	3/10		
Analyzed	By:	- 7	7	80				Date:	. 6	24-	10	
Microsco	pe Make, N	Nodel &	#:	ć	23576	57		Turn-aro	und Time	Immed	24 Hr.	48 Hr.
Commen	ts:		of part of			U - 10		4			0 5 7 2	

#### **ENVOY**

	Air S	Sampling	g Log Bo	ook				
	As per 12N	IYCRR amen	ded January	11, 2006				
Project Monitor: Air Technician: Math	Koplen		Date:	024-10	Job Ticke	et #: L	<u> </u>	7
Building / Location: Mc(	Curdys	Work Area: J	33		Shift	<u>(A)</u>	В	С
Project Description	***************************************							
ESDC Client / Owner (Print Name)	Clier	nt / Owner Representa	tive (Print Name)	171	CUKS Client Contact (P	rint Name)		
BEI	0.01	Ď.	·h		onom comuci (r			
Abatement Contractor (Print Name)	Abat	ement Supervisor (Pr			NYSDOL Asbest	os Handling	Certificate	Number
Yes 🗖 No 🗆		69						
Map Completed	Roto	meter Number		_	Date of Last Cali	oration	· · · · · · · · · · · · · · · · · · ·	
Phase IB	Phase IIA	Phase		Phase IIC			ase IIC	
Project Phase Backgrounds	Work Preparation samples		Handling Samples	Final Cleaning Sc	ampies		rance Air S	samples
Job Type	Class II	Large /	<u></u>	Small 🔲		Mir	or L	
H.	Sq/ft	Ln/ft	Proiect v	vith multiple remo	vals $\square$			
Type of Material				· · · · · · · · · · · · · · · · · · ·				
1st Check 2nd Che	eck 3rd	Check	4th (	Check	5th C	heck		
Time of air sampling pump check Notes								
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on Site of	30			<u> </u>				
- 160								
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MHAC								
Air Technician Signature The Air Monitoring Log Book is a multi-page docume	nt which must be viewed in its	entirety.						



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### Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #
86-10-10
Job Ticket #
410357
Project #

Empire :	State D	evelop	oment C		Marks.							
Client		Y		RZ				Client Contact Client Contact Phone				
MCCU Building/L				Work Are	22	8 4 - 5 1 N		Air Techi	nician	Air Te	chnician i	Phone
Bullaing/L	ocation			WORKAR	h			All Technician				
Contractor	•			Contract	or Contac	t		Fax Resu	ılts To:		Fax #	
69									Maria .		a Day	. 34 - 4 - 11
Rotometer	#			Cassette	Lot#	at a		Materials	to be Rei	noved		
Project $\triangle$											*	
Phase	Phase I	B	Phase II	IIC 🗌	Phase I	IC 🗌	Env.					
Field Data	Background		Work Area P	Final Clean	ing	Clearance A	irs					
Field					1	N. 5 2					21	2.5
Sample #	06	07	08	09	010	011	0/2	0/3	014		131	Ba
Pre- Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post- Calibrated Flow Rate	3	3	3	3	3	3	3	3	3	a E proper		
Average Flow Rate	3	-3-	. 3	1-3	3	À	-3-	3	-3-	landina ja		
Start Time Military Time	0700	0700	070	0701	0705	6701	10704	0705	0708			
End Time Military Time	1708	1700	1700	1701	1703	1701	1704	1705	1708			
Duration (Minutes)	ber	ba	600	600	600	bu	600	600	600			
Sample Volume (Liters)	1800	1500	100	1860	1800	1800	1500	1860	1800			
Laboratory	analysis F	erforme	d by: Parac	ligm Envir	onmental S	Services,	Inc. 🗆 E	Buf ELAP	ID # 11955	Roo	ch ELAP I	D # 10958
Lab Sample #	539	540	541	542	543	544	545	546	547		548	549
Fibers/100 Fields:	1	1.5	3	2	5	1.5	2		2		0	0
Fibers/cc:	2.0	L.cl.	L.d.	2.01	2,0	2.0	4.4	L.cl	4.01			-
Sampled b			11 11		Date:	6	- 24-	10				
Relinquish		1	11.11	Arroa T	Date:							
Received in	10/	Ha	24 1	100	then	agk	n	Date: (1)25/10				
Analyzed E	Sy:							Date: (0-25-10				
Microscope	Make, N	lodel &	#:	AL SELE		100	) (		und Time	Immed.	24 Hr.	48 Hr.

Comments:

Yellow - Lab Copy

		I	Air Sam	pling Lo	g Book		201000000000000000000000000000000000000		
Duning Marsham		O As p	er 12NYCRI	R amended J					
Project Monitor: Air Technician:	1 Matt	Koplen		Da	ate: 67	5-10	Job Ticket #	<u>: 4035</u>	4
Building / Location	$\int_{\Gamma} M_{C} C$	, m/. /<	We Ar	ork ea: B2	>		Shift C	В	С
Project Description		20109)					n/	10	
ESDL							Mey Client Contact (Print		
Client / Owner (Print Name	)		Client / Owner	r Representative (Prir	it Name)		Client Contact (Fint	name)	
Abatement Contractor (Prin	it Name)		Abatement Su	pervisor (Print Name	)		NYSDOL Asbestos F	landling Certificate	Number
Yes ☐ No ☐			69						
Map Completed	f———	г	Rotometer Nu	_	_/	DI 110	Date of Last Calibrati		
Project Phase	Phase IB	Phase IIA Work Preparation	n samples	Phase IIB L	Samples	Phase IIC Final Cleaning		Phase IIC Clearance Air	
•	Class I	Class II	]	Large		Small _		Minor 🗀	]
Job Type		ACID HILLIAM TO THE STATE OF TH							
Type of Material		Sc	ı/ft Lr	n/ft F	Project with m	nultiple rem	ovals 🔲		
1st Check	2nd Che	eck	3rd Chec	k	4th Checl	k	5th Che	ck	
Time of air sampling pump									
Notes	~1. ~	A9	· ~)						
on	SITC	053	<u> 30 </u>						
		<i>/ 1</i> -1		3/					
	Ca1/	SCT		060					
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		ua c	yeur (		100				
	<u> </u>								
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	210		_//	9					
Air Technician Signature The Air Monitoring Log Bo	ook is a multi-page docume	ent which must be view	ved in its entirety.						
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## Asbestos Air Monitoring Chain of Custody

	Lab Job #
1	8100-10
	Job Ticket #
	410359 6/26
= 1	Project #
	-0. 1.61

				Meets N	YCRR 56	amended	January	11, 2006		01	1000	¥**
Empire	State D	evelop	oment C	Corpora	tion			mar	K 5.			
Client	1/			02		, a production		Client Contact Client Contact Phone				Phone
MCC Building/L		76.	44.	Work Are	The second of	Air Technician Air Technician Phone						
Building/L	V	The same		VIOIR AIR		All Techn	ilician	All Te	Cimician i	mone.		
Contracto	r			Contract		Fax Resu	ılts To:	-AX	Fax #			
64			elean)	e Partie t	E Shaker						A Carlo	
Rotometer	#			Cassette	Lot#			Materials	to be Rei	noved		
Project	$\triangle$				1	1	1				*	
Phase	Phase I		Phase II		Phase I		Phase		Phase I		Env.	
Background Work Area Preparation Asbestos Handling Final Cleaning Clearance Airs Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.												
Field	×/	07		09	010	8	012	0/3	0/4		BI	Ba
Sample #	06	01	08	07	010	6/1						100
Calibrated Flow Rate	3	3	2	3	3	. 3	3	3	3			
Post-	3	3	3	3	3	3	3	3	3	,	- 1 1955	
Calibrated Flow Rate		- 100			2	THE WAY	1 1/4			13 = 10 = 3		1. 10 July
Average Flow Rate	3/	3	13.	. 3	3	43.	3	3	3	N.		
Start Time Military Time	0600	0600	dow	0601	0604	0601	0602	0664	0607			
End Time Military Time	1400	1400	1400	1401	1404	1401	1402	4104	1407			12
Duration (Minutes)	486	480	450	480	480	480	4180	480	480			
Sample Volume (Liters)	1440	1440	1440	1440	1440	14410	1440	14410	1440			
Laboratory	analysis F	erforme	d by: Parac	digm Envir	onmental S	Services,	Inc. $\square$ E	uf ELAP	ID # 11955	Ro	ch ELAP I	D # 10958
Lab Sample #	58	894	895	896	897	898	899	900	901	C	900	903
Fibers/100 Fields:	3.5	9	10	7	5	13	11	6	12		0	0
Fibers/cc:	20161.	60.01	10.01	10.01	(0.01	10.01	(0.01	10.01	20.01			
Sampled b	y:		11.	. 0	116		MINT S	Date:	1 - 1 - 1	1	75-	1/
Relinquish	ed by:	/	11.11	Par	lep			Date:		6	+	10
Received i	n Lah Bu	1		0		J. F. L.	, total par	Date:	11	-	A THE	
		JS	>					Date.	9/26	110	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- 1,81
Analyzed E	Ву:	1			R			Date:	38	10	A	
Microscope	e Make, N	lodel & i	#:	8	1400	425		Turn-arou		THE RESERVE	24 Hr./	48 Hr.
Comments		T	A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		11 11 11	-	113000			er myr halling	1	The same of

	Air S	Sampli	ng Log l	Book				
1	As per 12N	IYCRR am	ended Janua	ary 11, 2006				
Project Monitor:  Air Technician:   Math	Rogen		Date:	6-28-10	Job Tick	et#: L	1034	1)
ال Building / Location: M	dys	Work Area:	B3		Shift	Α	В	C
Project Description					00 1/			
ESDC Client / Owner (Print Name)	Clien	t / Owner Repres	sentative (Print Name	)	Client Contact (F	rint Name)		
BEI		R	ilh					
Abatement Contractor (Print Name)	Abate	ement Superviso	r (Print Name)	**************************************	NYSDOL Asbes	tos Handlin	g Certificate	Number
Yes 🗹 No 🗆		69						
Map Completed	F	meter Number	r	T. 110	Date of Last Cal		""	
Project Phase Backgrounds	Phase IIA Work Preparation samples		stos Handling Sample	Phase IIC es Final Cleaning S	amples		arance Air S	
Class I	Class II	Lar	-	Small $\square$		Mi	nor 🔲	
Job Type			<u> </u>					·
Water Control of the	Sq/ft	Ln/ft	Projec	ct with multiple remo	ovals 🔲			
Type of Material	and Ord	Check	41	th Chook	5th C	hook		
1st Check 2nd Ch Time of air sampling pump check	теск зга	Спеск	41	th Check	3010	Heck		
Notes								
m 514	0630							
Cal 15ex	000	0700						
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brok	e dom	170	<i>N</i>					
e constant and a cons		~ ~ ~ l	.,,				· · · · · · · · · · · · · · · · · · ·	
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Air Technician Signature	1/9							
The Air Monitoring Log Book is a multi-page docum	pent which must be viewed in its e	ntirety.						



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#### Asbestos Air Monitoring Chain of Custody

	Lab Job #
1	18410
-	Job Ticket #
	40341
	Project #
- 1	Newspea

Empire	State D	evelop	oment C	Corpora			mar	KS				
Client	4.79.3			0.		V.5.		Client Co		Client	Contact	Phone
	URCHYS	)		R3	<u>c. ra</u>			ma		A:- T-	-6-1-1	Dhana
Building/L	ocation.			Work Are	ea			Air Techi	nician	Air Te	chnician	Pnone
Contracto	<u>o de la co</u>			Contract			Fax Resu	ilts To:		Fax #		
Contracto	r			Contract		rax Nest	ms 10.		I dx w			
Rotomete	r#			Cassette		Materials	to be Rer	noved				
Project Phase	△ Phase I	B	Phase II	IA 🗆	† Phase I	IB 🗹	† Phase	IIC 🗆	O Phase I	IC 🗆	<del>X</del> Env. □	
	Background		Work Area P	Preparation	Final Clean		Clearance A	irs				
Field Data	and Samp	ling Prov	vided By: E.	nvoy Envir	ronmental	Consultar	nts, Inc.	1.05				
Field Sample #	06	07	08	09	010	6/1	012	0/3	014		131	132
Pre- Calibrated	3	3	3	3	3	3	3	3	3			
Post- Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	¥34	3	3.	- 3	3	3	3	A.		
Start Time Military Time	0700	0700	6700	0701	0704	0701	0702	0704	0707			
End Time Military Time	1760	1700	1700	1701	1701	1701	1702	1704	1787			
Duration (Minutes)	600	600	600	600	600	600	600	600	600			
Sample Volume (Liters)	1800	1800		1800	1800	1800	1820	1560	1500			
Laboratory	analysis F	Performe	d by: Parac	digm Envir	onmental :	Services,	Inc. 🗆 B	uf ELAP	ID # 11955	□ Ro	ch ELAP	ID # 10958
Lab Sample #	1	2	3	44.	5	6	7	8	9		10	11
Fibers/100 Fields:	1	9	16	3	5	3	2	4	2		0	0
Fibers/cc:	20.001	0.002	0,004	L0,001	10,001	10001	20,00	To' 491	20,001	a in		
Sampled b	-		11/11	10	7	a see as		Date:		6-28	-10	
Relinquish	ned by:	1/1	H.VI	19	in		u in Traffi And India	Date:		100	ar y y	
Received	in Lab By:	M	Sm	th				Date:	6/29	110		
Analyzed	Ву:	M	Ime	th	B)		Date: 6/29/10					
Microscop	Maria Maria	1odel &	#: OLY	1 ch	12			Turn-aro	und Time	Immed	24 Hr.	48 Hr.
Commonto												

	Alf S	ampling Lo	g Book		
	As per 12N	YCRR amended Ja	anuary 11, 2006	<i>/</i> -	
Project Monitor: Air Technician: Math	Vopen	Da	te: $6-29-10$	Job Ticket #: 40360	)
Building / Location:	Curlys	Work Area: B		Shift $(A)$ B C	
Project Description	7			MIX	
Client / Owner (Print Name)	Client	/ Owner Representative (Print	Name)	Client Contact (Print Name)	
Abatement Contractor (Print Name)	Abate	ment Supervisor (Print Name)		NYSDOL Asbestos Handling Certificate Number	
Yes 🛛 No 🗆		69		_	
Map Completed	Rotom	eter Number		Date of Last Calibration	
Project Phase Backgrounds	Phase IIA Work Preparation samples	Phase IIB Asbestos Handling	Phase IIC  Samples Final Cleaning S	Phase IIC Clearance Air Samples	
Class I	Class II	Large	Small	Minor	
Job Type	Sq/ft	Ln/ft P	oject with multiple remo	ovals	
Type of Material					
1st Check 2nd C Time of air sampling pump check	heck 3rd (	Check	4th Check	5th Check	
Notes					
on site	0630				
(a	15-et 0	$\begin{pmatrix} 2 & 0 \end{pmatrix}$	WD		
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Air Technician Signature					
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## Asbestos Air Monitoring Chain of Custody

	Lab Job #
	8002-10
1	01001-
	Job Ticket #
	40360
	Project #
	09-1080

Empire	State D	evelop	oment C	Corpora	tion	. 2		Mor				
Client		46.4	an Diger	0-	eri (m. 1			Client Contact Client Contact Phone				
MCC	URAY!	5		153	d www	4.5	i je sli s	Matt				
Building/L	ocation			Work Are				Air Techi	nician	Air Te	chnician	Phone
Bti				(510	h					V 12 8		
Contracto	r			Contract	or Contac	t		Fax Resu	Its To:	1.00	Fax #	
6	9					A Section						
Rotometer	r#	1000		Cassette	Lot#		Taller September	Materials	to be Rer	noved	- 4	
	Λ.				•	-12	•				*	
Project Phase	Phase I	D .	Phace I	/A 🖂	Phase	IIP I	Phase	IIC 🗆	Phase I	IC 🗆	Env.	1
Filase	Background		Phase II		Phase I	-	Final Clean		Clearance A		LIIV.	1
Field Data			Work Area P					nig	Olearance A			
Field	1			100		1000	in the second	110	C 14	ere, di	31	B2
Sample #	do	0)	08	07	010	011	6/9	013	014		151	12 2
Pre- Calibrated	3	3	3	5	3	3		3	3		10.00	J. A. Po
Flow Rate	-	2	2	1	-		3		4400		14.3	1 14 1 4
Post-	3	495	3	3	3	3.	. 3	3	3	Jan Jah	424	hile on
Calibrated Flow Rate	- Indeed	3	2	1 1 1 1			est Lein			A		
Average	3	12	3		7 8	1.8	31,	3	NEW COMME	in a		
Flow Rate	1	M.A.	-	- 4	THE THE					E Hay	4.340	7
Start Time		THE WAY			- 11	MA	mali .	151		in the state of		1
Military Time	0760	6700	0700	0701	0/09	0201	0702	6704	0706			
End Time						1	1012 7	7 ,	-			
Military	1700	1700	1700	1701	1704	1701	nut	1704	1706			
Time	/	to free man	F 76	54			Vijet .	1	1	re gares		10 A
Duration (Minutes)	600	600	600	1,00	600	600	6000	600	600	) · · · · · · · · · · ·	- 1 m	
Sample		1	All the second	¥ 00	000	000			11 11 11 11 11		7 1	
Volume	1500	1510	1860	1520	1860	isan	1860	1800	1600			
(Liters)		A A A	b call a	1		5		The state of the s		CETI-De	- FLAD	D # 4005
Laboratory	analysis F	erformed	d by: Parac	aigm Envir	onmental S	Services,	inc. B	UI ELAP I	D# 11955	HO	ch ELAP I	D # 1095
Lab Sample	300	20-(1)	750	201	2007	000	250	210	261		269	21.2
#	923	PCD	900	920	do t	800	003	900	WOOT		400	263
Fibers/100	0	15		4 De 10	1 27	0 -	· · · · · ·		or and	- 4		-
Fields:	8	5.5	12	-	13	9.5	11	6	7			0
Fibers/cc:	100	1001	10.01	10 01	100	10.00	100	10 01		1.67 14		
Tipers/cc.	(0.01	20.01	10.01	50.01	20.01	(0.01	20.01	20.01	(0.01		The same	
Sampled b	y:	1	1	,	()	h 🚉 .	1 10 4	Date:	/	2-29	- 10	a Pentil
		11/	1/	1	1.1				- 6	2 0-1	10	
Relinquish	ed by:	101	01/		94	19		Date:				
Received i	n Lah Bu	1	/		1			Date:	1	3		
neceived i	II Lab by:	r	101	SUVO	en	CA	COME.	Date.	. 0	- 50	)-1(	22.4
Analyzed E	3 <i>y</i> :		1			N	The same than	Date:	alter in the second			1
		77 - 17 3 _{- 1} - 1			1 9.1	1			6.30	.10	/	1
Microscope	e Make, N	lodel & a	#:		31106	1 kg		Turn-arou	ınd Time	Immed	24 Hr.	48 Hr.

		Air S	Sampling	Log Boo	ok			
	<i>l</i> ·	As per 12N	YCRR amende	d January 1	1, 2006			
Project Mo Air Technic		70 n		Date: 6-		ah Tiakat t	#: 403(	01
All Technic	Jan. VI I I I I I I I I I I I I I I I I I I	NCV I	1 A 1 I -	Date: 6	30 10 30	•	The same of the sa	
Building / I	Location: $\mathcal{MCC}_{\mathcal{O}}$	rolus	Work Area: F	33		Shift (A	4) B	С
Project Description								,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
ESDO	_				N	lork.		
Client / Owner (P	rint Name)	Client	/ Owner Representative	(Print Name)	Clien	t Contact (Print I	Name)	
<u>BEI</u>				<u>h</u>				
<i>,</i> '	actor (Print Name)	Abate	ement Supervisor (Print N	lame)	NYSI	OOL Asbestos H	landling Certificate	Number
Yes Z N	√o □	Dates	69 neter Number		Data	of Last Calibration		
Map Completed	D. ID			, —	<del></del>	oi Lasi Calloralli		<del></del>
Project Phase	Phase IB	Phase IIA Work Preparation samples	Phase IIE	ndling Samples	Phase IIC Final Cleaning Sample	es	Phase IIC Clearance Air S	
	Class I	Class II	Large 🔽	ส์	Small $\square$		Minor 🔲	
Job Type	01033 1 1/2	Olass II L	Large Le	<u></u>	Official La		IVIIIIOI L	
FP	•	Sq/ft	Ln/ft	Project with	h multiple removal:	s 🔲		
Type of Material								
1st Check	2nd Che	ck 3rd	Check	4th Ch	eck	5th Ched	ck	
Time of air sampli Notes	ing pump check							
110100	c							
00	514R 063	0						
	Cal / Set	- P (	<u> </u>	700				
	boxe	daun	1700					
	10 25							
Professional Control of the Control	off six	1800						· · · · · · · · · · · · · · · · · · ·
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Air Technician Sig	nature	119						
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ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 78510

### Asbestos Air Monitoring Chain of Custody

Job Ticket #	er" "
40361	

Empir	e Sta	te I	Develop	mont	Curps.			mark	(5.	09-1	0.50	
Client				0 =			-	Client C	ontact	Clien	t Contact	Phone
McC				153				Mat	+ Pope	n		
Building/L	ocation		1	Work Ar	ea		_	Air Tech		Air T	echnician	Phone
RICH											_	
Contracto	r			Contract	tor Contac	et	7.0	Fax Res	ults To:		Fax #	
6	7						_	-				
Rotometer	·#			Cassette	Lot#			Materials	s to be Re	moved		
Project Phase	Phase I	IR 🗆	Phase I	/A 🖂	Phase I	IID 🖂	Phase	IICT/	Phase		Env	1
7 11400	Backgorund		Work Area F		Asbestos H		Final Clear		Clearance		Env.	
Field Data								mig	Cicarance i	1110		
Field Sample #	06	07	08	09	0/0	011	012	0/3	014		BI	32
Pre- Calibrated Flow Rate	3	3	3	3	3	3	3	3	3		Wildern Germany, Louise	de la companya de la
Post- Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	m	3	3	B	3	. 3.	3	3	3	e- arg	73	
Start Time Military Time	000	500	6700	0701	5704	0761	076	0704	0707	M		
End Time Military Time	1700	1700	1700	170/	1704	1701	1702	1704	1707		A CONTRACTOR OF THE CONTRACTOR	
Duration (Minutes)	600	600	600	600	600	lau	600	600	600			
Sample Volume (Liters)	180	180	1800	1.800	1800	120	1800	1800	1800		The second secon	
Laboratory	analysis P	erformed	d by: Parac	ligm Enviro	onmental S	Services, I	nc.			2	ELAP I	D # 10958
Lab Sample #		2	3	4	5	6	7	8	9		10	11
Fibers/100 Fields:	9	16	18	7	6	4	8	3	6		0	0
Fibers/cc:	0.002	0.004	0.005	0.002	0.002	20,001	0.002	T01001	0.002			
Samples R	elinguish	ed By:	111-	4 1	2			Date:	/	- 21	-10	
Received in	a Lok De		1000		gler	7		D 1	.(		10	
Received II	Lan By:		VI	ma #	2			Date:	7	1110		
Analyzed B	y:	111	1	1.1				Date:	- ( )	110		
5	//	1	Im	th					7.1	1/10		
Microscope	Make, M	odel & #	OLY	CHZ				Turn-aro	und Time	Immed.	24 Hr./	48 Hr.
Comments											-	

	Air S	Sampling	Log Boo	ok		
Project Monitor:	As per 12N	YCRR amende	ed January 11			
Air Technician: Z Moth	Yolon	der verk er regarder som er en	Date: ) -	1-10 Joh	Ticket #: 4036 2	
Building / Location:	21.15	Work Area: F	3	S	Shift (A) B C	
Project Description	<u> </u>	Alca. [		W4.4		
ESDC					mari(	
Client / Owner (Print Name)	Client	t / Owner Representative	(Print Name)	Client (	Contact (Print Name)	
Abatement Contractor (Print Name)	Abate	ement Supervisor (Print I	Name)	NYSDO	DL Asbestos Handling Certificate Number	r
Yes No 🗆		69				
Map Completed	Roton	neter Number		/	Last Calibration	
Project Phase Backgrounds	Phase IIA	Phase III	ndling Samples	Phase IIC Final Cleaning Samples	Phase IIC L	
Class I	Class II	Large 🖵	7	Small	Minor	
Job Type	Oracio II Land	<del>7</del>		Ja		
	Sq/ft	Ln/ft	Project with	multiple removals		
Type of Material  1st Check 2nd Check	3rd (	Check	4th Che	ack	5th Check	
Time of air sampling pump check	Jiu v	Official	411 011	CON	our oncor	
Notes	10.					
on 5140 (	)6 <u>50</u>					
(a) / Sct	· ()	()	700			
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11111						
11/1-HC-C	11/2	Charles Charles				
Air Technician Signature						



001-8206

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311 1815 Love Road, Grand Island, NY 14072 Office (716)775-5777 Fax (716) 775-5778

## Asbestos Air Monitoring Chain of Custody

	Lab Job #
	G088-19
	Job Ticket #
	40362 7/2
	Project #
Ĭ	70,000

Empire	Ctota D	المراجعة المراجعة			NYCRR 56	amended	January	11, 2006		O I	1000	)
Empire Client	State L	evelo	pment	orpora	ition		- 13 MI	Mar	K5.	0!:	1011	D/
	urdy			B3				Client Contact Phone				Pnone
Building/L		2	2) 2) 2) 2)	Work Ar	ea			Air Technician Air Technician Phone				
BE	1 /			RI	(h							
Contracto	1		11	Contract	tor Contac	ct		Fax Resi	ults To:		Fax #	
Company of the compan										Lyer gette,		
Rotometer	*#			Cassette	Lot#	7.1		Materials	to be Re	moved		
Project					1		1	1			*	
Phase	Phase		Phase I		Phase i		Phase	-	Phase I	IC 🗌	Env.	
Field Data	Background and Samp		Work Area F		Asbestos H		Final Clear	ning /	Clearance A	Airs		
Field	aly a		200			16	no, mo.	-				200
Sample #	06	0/	08	09	010	011	012	013	014		101	Ba
Calibrated	3	3	3	3	3	3	3	3	3	1		10/4
Flow Rate Post-	1		3	3	3	->		7				
Calibrated Flow Rate	3	3		3	->	3	3	3	3		70143	To The second
Average	3	7	3	3	2	13	3	7	-7	1 1 1		
Flow Rate		3	2	)	3		2),	3	-5			
Start Time Military Time	0700	0700	0700	0701	0704	0701	6702	0702/	0707			
End Time Military Time	1700	1700	1700	1701	1704	1701	not	1704	1707	J		
Duration (Minutes)	600								- >			
Sample Volume (Liters)	1800								>	A		
Laboratory	analysis F	erforme	d by: Parac	ligm Envir	onmental S	Services, i	Inc. $\square$ E	Buf ELAP I	D # 11955	Ro	ch ELAP I	D # 10958
Lab Sample #	61	583	584	585	58(%	587	588	589	590		541	592
Fibers/100 Fields:		17	13.5	0	1	2	10	105	10	ä	0	0
Fibers/cc:	10.01	10,01	10,01	Lo.01	10.01	10,01	10.01	10.01	10,01	The Ba		
Sampled b	y:	00	1777	0				Date:		7-1	-10	
Relinquishe	ed by:	/1/	att	rope	n		. e der	Date:	- 421		10	
Received in	n Lab By:	TS						Date:	7/2/10			
Analyzed B	)	3		S. S. Santa				Date: -	3/10	12	(	
Microscope Comments:		lodel & #	235	757	2 1 1 1 1 1			Turn-arou	ınd Time	Immed.	24 Hr./	48 Hr.

#### **ENVOY**

		Air S	Sampling	I Log Boo	)K			
	1	As per 12N	YCRR amend	ded January 11	, 2006			
Project Monitor: Air Technician:	I Matt P	oren		Date: 7-		Job Ticket	#: 402	72
	/	V	Work			Shift (	A) B	С
Building / Location	n: Mc Cur	<i>hys</i>	Area:	<u>B3</u>				
ESPC						Moxx		
Client / Owner (Print Name)		Client	/ Owner Representati	ive (Print Name)		Client Contact (Prin	nt Name)	
BEI			Rici	n				
Abatement Contractor (Print	Name)		ment Supervisor (Prin	it Name)		NYSDOL Asbestos	Handling Certifica	ite Number
Yes Z No 🗆			neter Number			Date of Last Calibr	ation	
Map Completed	Discuss ID			[	Phase IIC	Date of East Cultur	Phase III	
Project Phase	Phase IB	Phase IIA	Phase I	Handling Samples	Final Cleaning	Samples	Clearance Ai	
	Class I	Class II	Large	$\angle$	Small		Minor $\Box$	]
Job Type				*****				
<del></del>		Sq/ft	Ln/ft	Project with	n multiple rem	ovals 🔲		
Type of Material			0: 1	ALE OF	1-	THE Ob	1:	
1st Check Time of air sampling pump of	2nd Chec	ck 3rd	Check	4th Ch	еск	5th Ch	еск	
Notes								
00 5	site c	5430						
Cal	/set u	2 @	0500	)				
	boile	dam	1200					
	13 3.12	CCON (	7000	<u> </u>				<del></del>
	off S	site 130	^					
	OFF	130	<u> </u>					
				<b>9</b>				
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MARI	2 $C$ $/$							
Air Technician Signature	<del>//</del>	7						
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ENVIRONMENTAL SERVICES, INC.

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### Asbestos Air Monitoring Chain of Custody

	Lab Job #
	4029-10
-	Job Ticket #
ř	40272 72
4	Project #
	09-1150

Empire	State D	evelop	oment C	Corpora	tion			Mari	< S.		To Martin	
Client	1	real and	THE STATE OF THE S	CONTRACTOR OF STREET		4 40 7 1 1	The fire	Client Co	Client Contact Client Contact Phone			
mcc	McCurdus B3								matt!			
Building/L		190		Work Are	ea			Air Tech	nician	Air Te	chnician I	Phone
BEI		4		RIC	6	S ETUTORS		A pel	mysk så e	A TOP OF	A Paris Ari	real has be
Contracto				Contract	or Contac	t		Fax Resu	ılts To:		Fax #	
69	)	14			iz ang kon	1	gara ya sir	<u> </u>	عي مراك	<u> </u>	-	سنسنب
Rotometer	·#			Cassette	Lot#			Materials	to be Rei	noved		
Project	$\wedge$				1		1	Land Land			*	
Phase	Phase I	B	Phase I	IA 🗍	Phase I	IB 🗌	Phase	IIC 🗆	Phase I	IC -	Env.	
	Background		Work Area P		Asbestos Ha		Final Clean	ing	Clearance A	irs		
Field Data	and Samp	ling Prov	rided By: E	nvoy Envir	onmental i	Consultar	its, Inc.	Territoria.	France 18.		1 2 3 2 2 2	
Field Sample #	N	07	08	09	070	NIL	012	613	014		BI	132
Pre-	LAG				37	O.I.	0				F 8-, 1 125	
Calibrated Flow Rate	3	3	3.	3	3	3	13	3	3			
Post-		3	. 3	2								
Calibrated Flow Rate	3		3	3	3	3	3	3	3	White and a second	.Cialai	ki sakimb
Average		72	3	3	3	-	1	7	3			1,
Flow Rate	3	3	2	3	3	3	* 3	3	3			
Start Time Military Time	0500	0500	0500	0501	0504	0501	0502	0504	0507			
End Time Military Time	1200	1700	1200	1901	1904	1901	1909	1204	1207			
Duration (Minutes)	420	430	430	430	430	400	430	420	420			
Sample Volume (Liters)	1260	1260	1260	1260	1260	1260	1260	1260	1260		b	6
Laboratory	analysis F	Performed	d by: Parac	ligm Envir	onmental S	Services,	Inc. 🗆 E	Buf ELAP	D # 11955	Roo	ch ELAP I	D # 10958
Lab Sample #	593	594	595	596	597	598	599	600	601		600	603
Fibers/100 Fields:	1	4	7.5	0	05	0	4	0.5		P. SAR. E. F.	0	0
Fibers/cc:	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01			
Sampled b	y:	11	11	()		natenja		Date:		7- 2	-1/2	May
Relinquish	Relinquished by:											
Received in	n Lab By:	TS	, lad	Nat _w	. 4			Date:	7/2	1/15		and the second
Analyzed E	By:	TS	872				surjet solv T	Date:	7/3/11-	)	Military Day of	2 40 ET 19
Microscope	e Make, N	lodel & a	#235=	757	VI-10-1			Turn-arou	und Time	Immed.	24 Hr.	48 Hr.
Comments	all married to				17 VE 75 B	J. Charle	1417.474	and the	The sale			

#### ENVOY

		Air S	ampling L	og Bo	OK			
<del></del>		As per 12N	YCRR amended	January 1	11, 2006			
Project Monitor: Air Technician:	1 Matt	Kolen			7-6-10	Job Ticket	#: 407	76
Building / Locati	ion: Mc Cur	dys	Work Area: j	33		Shift (	<u></u> В	С
Project Description  ESDC  Client / Owner (Print Nam.		•				MAR		
Client / Owner (Print Nam		Client A	Owner Representative (P	rint Name)		Client Contact (Print	Name)	
Abatement Contractor (Pri			nent Supervisor (Print Nan	ne)		NYSDOL Asbestos I	Handling Certificate	Number
Map Completed			eter Number			Date of Last Calibrat	tion	
	Phase IB	Phase IIA	Phase IIB		Phase IIC	otag	Phase IIC	
Project Phase	Backgrounds Class I	Work Preparation samples  Class II	Asbestos Handli Large	ng Samples	Final Cleaning Small	Samples	Clearance Air	Samples
Job Type		Sq/ft	Ln/ft	Project w	ith multiple rem	novale 🗍		
Type of Material	11 NIGHT 17 HILL 1 H. WALLE WALL AND THE COLUMN TO THE COL	Зулі	LII/IL	1 TOJECT W	m multiple ren	iovais L		
1st Check Time of air sampling pump	2nd Check	k 3rd C	Check	4th C	heck	5th Che	ck	
Notes	o check		_					
ON	Site	0630	<u>)                                    </u>					
	161			***************************************				
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	broke	down	7 1	700				
**************************************	61	I Site	)8U	<u> </u>				·····
Miles The control of								
		7/10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -						
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P								
Mi	M- (							
Air Technician Signature The Air Monitoring Log B	ook is a multi-page document	which must be viewed in its ent	irety.					



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## Asbestos Air Monitoring Chain of Custody

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	Lab Job #
1	921910
•	Job Ticket #
	40276 7/7
	Project #
	2 00 00 00

lient	Wrang Line	. Da. 2.	A F		e i i i più	7		Client Co	ontact	Clien	t Contact F	Phone		
McC	way								matty					
Building/L	ocation	Work Area						Air Technician Air Technician Phone						
DEI				HIC	h	- 1	-				- "			
Contractor		Contractor Contact						Fax Results To: Fax #						
otometer	ш		V - 1	Casastta	1 -4 4			Matarials	to be Rei	mayad				
otometer	*			Cassette	LOT#			waterials	to be Kei	noved				
Project	$\triangle$				1 1						*			
Phase	Phase I		Phase I		Phase I		Phase	-	Phase I		Env.	and the		
	Background		Work Area Prided By: E.		Asbestos H.		Final Clean	ing	Clearance A	irs				
Field	ина Оаттр				Chillental	Consultar					2.	0		
Sample #	06	07	08	90	016	011	012	013	014	W. R. L	31	Bo		
Pre- Calibrated	3	3	3	3	3	3	3	3	3		1			
Flow Rate	)		2			2				17.5		100		
Post- Calibrated	3	3	3	3	3	3	3	3	3	A				
Flow Rate		-		-	1.75 = 54		The Control			-				
Average Flow Rate	3	13	3	3	3	3	3	3	3	49				
Start Time Military Time	0700	0700	0708	. 0761	6704	0701	0702	07021	0767					
End Time Military Time	1700	1700	1700	1701	1704	1761	1702	1704	1707					
Duration (Minutes)	600	600	600	600	600	600	600	600	600					
Sample Volume (Liters)	1800	1800	1860	1860	1800	1800	1800	1860	1860	1		-		
aboratory	analysis F	Performed	d by: Parac	ligm Envir	onmental S	Services, I	Inc. B	uf ELAP	D # 11955	Ro	ch ELAP II	D # 109		
ab Sample #	565	566	567	568	569	570	571	572	573		574	57		
Fibers/100 Fields:	2.5	5	8	3	6	4.5	7	5	4		0	0		
Fibers/cc:	10.01	10.01	10.01	10.01	(0.01	(9:0)	(0.01	20.01	40.01					
ampled by	/:		101	1 6	Dois			Date:		7-6	-10			
elinquishe	ed by:	/	1/101	1 ye	Jan			Date:		, 1	Tala Salv			
eceived ir	Lab By:		K		1 1 1			Date:	7/71	10	Table 1 B	2		
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#### **ENVOY**

		All	Sampiin	g Log i	JUUK			
	1	As per 12	NYCRR ame	nded Janua	ry 11, 2006			
Project Monitor: Air Technician:	B Matt F	oren	Date:	7-7-10	Job Ticket #	Job Ticket #: U0277		
Building / Locat	ion: iMC im	lvs	Work Area:	B3		Shift (A	В	С
Project Description						Mark		
Client / Owner (Print Nam	ne)	Clic	ent / Owner Represen	ntative (Print Name)		Client Contact (Print N	lame)	
BEI	,		Ri	ch				
Abatement Contractor (Pr	rint Name)	Ab	atement Supervisor (F	Print Name)		NYSDOL Asbestos Ha	indling Certificate	Number
Yes 🗹 No 🛭			69					
Map Completed		Ro	tometer Number			Date of Last Calibration	n	
Project Phase	Phase IB	Phase IIA Work Preparation sample	Phas s Asbesto	e IIB os Handling Sample:			Phase IIC	
r idject i nase	Class I	Class II	Large		Small [		Minor 🗀	]
Job Type	P.F.	Sq/ft	Ln/ft	, Projec	t with multiple re	emovals		
Type of Material								
1st Check Time of air sampling pum	2nd Check	3rc	d Check	<u>4t</u>	h Check	5th Chec	·K	
Notes								
On.	Six So	<u> 30</u>						
	. / /-:			2 -				
<u> </u>	1 / Set	<u> </u>	Juny	/> /	1010			
	broce	dru	<u> </u>	1110				
					Phase IIC Phase IIC Small Small Ct with multiple removes the Check			
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Market Market Control of the Control			, ,			A CONTRACTOR OF THE CONTRACTOR		
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Air Technician Signature		419	The second secon					
•	Book is a multi-page document	which must be viewed in its	s entirety.					



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## Asbestos Air Monitoring Chain of Custody

Lab Job # 1249-10
Job Ticket #
Project #

Client MCC Building/Lo	mays ocation		Work Area					Client Contact  Mathematical  Air Technician		Client Contact Phone  3 9 USS  Air Technician Phone			
RE'	1			Ri	Ch								
Contractor		- 1 A	Contractor Contact					Fax Results To:			Fax #		
Rotometer	#			Cassette	Lot#			Materials	to be Rei	noved	* 4		
	Phase I		Phase II Work Area P	reparation	Phase I Asbestos Ha	andling	Phase I		Phase I Clearance A	1	∦ Env. □		
Field Data a	and Samp				1	- 7			0.0	B.In	31	27	
Sample #	71	Id	13	14	T5	06	07	08	09	010	131	Ba	
Pre- Calibrated Flow Rate	10	10	10	10	10	10	108	10	10	10			
Post- Calibrated Flow Rate	10	10	10	10	10	10	10	10	10	10			
Average Flow Rate	10	10-	-10 4	-10-	19	<del>*0*</del>	10	.10	10	10	4-5-		
Start Time Military Time	1010	1010	1011	1011	1011	1013	1013	1013	1014	1014	200		
End Time Military Time	1110	1110	1111	1111	1111	1113	1113	1113	1114	1114			
Duration (Minutes)	60	60	60	60	60	160	60	60	60	60			
Sample Volume (Liters)	bev	600	600	600	600	600	600	600	600	600			
aboratory	analysis F	Performe	d by: Parac	ligm Envir	onmental 3	Services,	Inc. $\square E$	Buf ELAP	ID # 11955	Roo	ch ELAP I	D # 109	
Lab Sample #	756	7-57	758	759	760	761	762	763	764	765	766	-76-	
Fibers/100 Fields:	0	4	0.5	2	0.5	0			3	2	0	0	
Fibers/cc:	10.01	6.01	10.01	10.01	10.01	40,01	10,01	10.01	10.01	10.01			
Sampled b	y:	11	1.4	Vac.	1	al ter	.73 ¹⁸⁶⁶	Date:	7-	7-10			
Relinquish	ed by:			0				Date:	Constitution of the	ATA ST			
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Analyzed E	By: -	<		141	45 4	-		Date: _	7/7/1	7			

Comments:

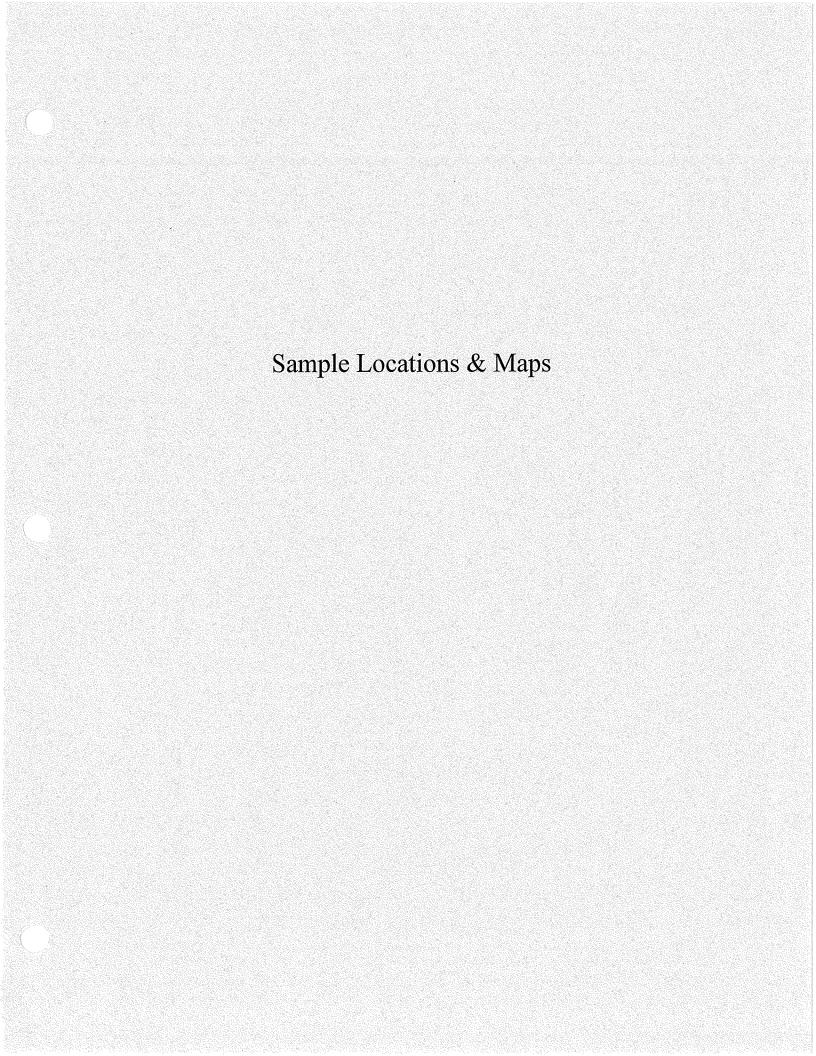
White - Lab Original

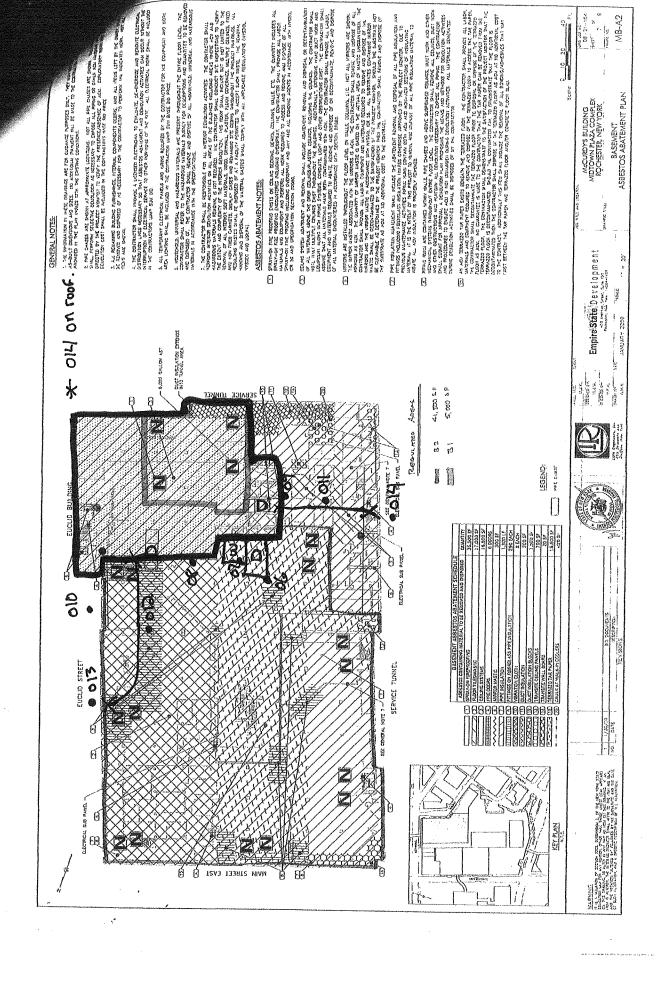
Yellow - Lab Copy

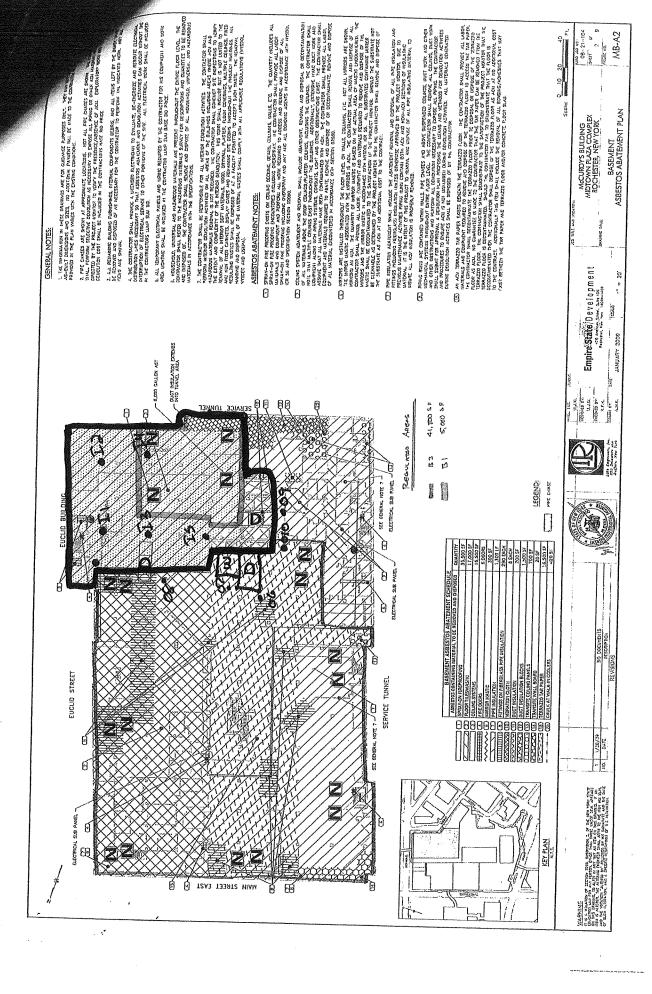
Pink - Project Folder

Goldenrod - Technician

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P.M. Logs & FVI Misc. Sampling



	y = 0	
NAME: Matt Popen	DATE: 6/9/2010	
Contract #	Liro Job #:	
HOURS:0630-1800	TASK:PM On site	

TIME	ACTIVITY McCurdy's Bldg. 1C, B3
0630	On site.
0700	Cal/set up pumps for 1C.
0800	Set up high volume pumps and air samples for B3. They will begin prep shortly.
0900	In cont 1C from 0900-1100. Observed removal of terrazzo flooring. They continue to lift terrazzo and box up tar paper and floor debris. I again told Vtec that they need to use more water and he complied.
1200	Lunch, Spoke with Darryl and Ted about progress.
1330	ACM trailer on site, being loaded with ACM boxes.
1500	In cont 1C from 1400-1500. Continuing observation of floor removal; water being used. Filters have been changed, neg air is good.
1630	Met with Vtec in the basement again to go over how B3 is being prepped.
1800	All samples collected at 1700. Paperwork completed, workers off site.



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NAME: Matt Popen	DATE: 6/10/2010	
Contract #	Liro Job #:	
HOURS:0630-1800	TASK:PM On site	

TIME	ACTIVITY McCurdy's Bldg. 1C, B3
0630	On site.
0700	Cal/set up pumps for 1C and B3.
0800	Vtec has workers in 1C continuing floor removal. He also has some working on prep in B3.
0930	In cont. 1C 0930-1130. All criticals in tact and neg airs operating with clean filters. Most of the floor has been removed. Workers continue to wet and box debris.
1200	Lunch break.
1300	ACM trailer on site being loaded.
1400	In cont 1C again from 1400-1500. Workers continue to box and wet debris. Chipping guns being used to get small areas up. B3 prep continues.
1600	ACM trailer took 48 boxes off site. I checked on prep progress, they have a long way to go.
1800	All samples collected/delivered to the lab.



	tey serretterly report	
NAME: Matt Popen	DATE: 6/11/2010	
Contract #	Liro Job #:	
HOURS:0530-1430	TASK:PM On site	

TIME	ACTIVITY McCurdy's Bldg. 1C, B3
0530	On site.
0600	Cal/setup pumps for 1C and B3.
0700	8 workers in 1C and 7 in B3. B3 prep and 1C cleanup continue.
0830	In cont 1C from 0830-1030. Observed boxing of debris and clean up in 1C. Water being used to wet debris. Structural floor is being cleaned. I had them change the filters on the neg air machines.
1130	ACM trailer loaded this morning. 52 boxes taken off site.
1430	All samples broken down and workers off site. I checked on the prep in the basement. Prep is finished, neg air established at the end of the day. They will begin IIB work Monday.



NAME: Matt Popen	DATE: 6/14/2010	
Contract #	Liro Job #:	
HOURS:0630-1800	TASK:PM On site	

### TIME ACTIVITY McCurdy's Bldg. B3, 1C    0630   On site.	LiRo Engine	ers, Inc.	110 CRB.0030-1000	TASK.I W On sue
<ul> <li>Cal/setup pumps for B3 and 1C.</li> <li>All workers come out of 1C. There is tar paper residue on the wood floor and also a vapor barrier under the floor. Bristol wants this tested. Rich is going to talk to Tom and get permission to get this and the mastic on the wood tested.</li> <li>1C samples taken down and Veto has 6 workers move to the roof to do the transite panels. Byron took bulk samples to the lab from 1C. I looked at the materials in question.</li> <li>Observed work on roof. Workers take down transite panels, intact removal.</li> <li>Transite removal complete, all ACM bagged out. They will now begin the flashing around the roof.</li> <li>In B3 from 1400-1600. Observed above ceiling demo. They are preparing to remove plaster ceiling and dry wall. Area neg air is good. All criticals intact.</li> <li>Samples collected at 1700, workers shower out. Samples to lab. We are still waiting for the</li> </ul>	TIME	ACTI	IVITY McCurdy's Bldg.	B3, 1C
All workers come out of 1C. There is tar paper residue on the wood floor and also a vapor barrier under the floor. Bristol wants this tested. Rich is going to talk to Tom and get permission to get this and the mastic on the wood tested.  1C samples taken down and Veto has 6 workers move to the roof to do the transite panels. Byron took bulk samples to the lab from 1C. I looked at the materials in question.  1130 Observed work on roof. Workers take down transite panels, intact removal.  1330 Transite removal complete, all ACM bagged out. They will now begin the flashing around the roof.  1600 In B3 from 1400-1600. Observed above ceiling demo. They are preparing to remove plaster ceiling and dry wall. Area neg air is good. All criticals intact.  Samples collected at 1700, workers shower out. Samples to lab. We are still waiting for the	0630	On site	e.	
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Byron took bulk samples to the lab from 1C. I looked at the materials in question.  1130 Observed work on roof. Workers take down transite panels, intact removal.  1330 Transite removal complete, all ACM bagged out. They will now begin the flashing around the roof.  1600 In B3 from 1400-1600. Observed above ceiling demo. They are preparing to remove plaster ceiling and dry wall. Area neg air is good. All criticals intact.  1800 Samples collected at 1700, workers shower out. Samples to lab. We are still waiting for the	0830	barrier	r under the floor. Bristol wants	s this tested. Rich is going to talk to Tom and get
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1600 roof.  1600 In B3 from 1400-1600. Observed above ceiling demo. They are preparing to remove plaster ceiling and dry wall. Area neg air is good. All criticals intact.  Samples collected at 1700, workers shower out. Samples to lab. We are still waiting for the	1130	Observ	ved work on roof. Workers tal	ke down transite panels, intact removal.
ceiling and dry wall. Area neg air is good. All criticals intact.  Samples collected at 1700, workers shower out. Samples to lab. We are still waiting for the	1330		te removal complete, all ACM	I bagged out. They will now begin the flashing around the
	1600			
	1800			
		,		
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NAME: Matt Popen	DATE: 6/15/2010
Contract #	Liro Job #:
HOURS:0630-1800	TASK:PM On site

TIME	ACTIVITY McCurdy's Bldg. B3, 1C
0630	On site.
0700	Cal/set up pumps for B3. 1C is still on hold until Liro gives us permission to have the samples read.
0800	6 workers on the roof continue to cut rubber away from flashing. 10 workers in B3 plaster ceiling demo.
0930	In cont B3 from 0930-1100. Observed plaster demo and some metal work/duct removal in clean areas. All criticals intact and neg air operating well.
1230	Spoke with Marty from Liro and Mike B about the flooring and explained why we needed. I got the ok to have the bulks analyzed and let the lab know.
1400	Checked on roof progress. They continue to remove perimeter and other rubber to access flashing.
1600	In cont B3 from 1500-1600. Plaster and ceiling metal work continue. All plaster is bagged along with any fiberglass. Metal being cleaned thoroughly and taken out of the area through the waste out.
1700	Got call from the lab, the brown mastic is negative, but all black tar is positive. The wood is probably going to have to come up. Broke down pumps at 1700.
1800	Spoke with Vtec and Rich about wood floor, the issue remains unresolved.



NAME: Matt Popen	DATE: 6/16/2010
Contract #	Liro Job #:
HOURS:0630-1800	TASK:PM On site

TIME	ACTIVITY McCurdy's Bldg. B3	
0630	On site.	
0700	Cal/setup pumps for B3. All 15 workers in B3 today because it is raining out.	
0900	Spoke with Rich more about the wood floor. I also checked on metal from B3. All metal is clean and being stored outside containment.	
1200	In B3 from 0930-1100. Vtec wanted to clean wire mesh instead of boxing it up. I let them try but I was unhappy with the results so I am now making them bag this material with the rest of the plaster. I spoke with Mike B about terrazzo flooring and wood area results.	
1400	I walked the perimeter of area B3 looking for any failing criticals, all seem fine.	
1630	Back in B3 from 1400-1500. I inspected the metal ducts being cleaned and taken to the bag out.	
1800	Samples collected. Roof work continues, they are still removing rubber away from the flashing. B3 duct removal continues.	



NAME: Matt Popen	DATE: 6/17/2010	
Contract #	Liro Job #:	
HOURS:0630-1800	TASK:PM On site	

ACTIVITY McCurdy's Bldg. B3 TIME 0630 On site. 0700 Cal/set up pumps for B3. 10 workers in B3, 5 back to roof. Duct removal and cleaning continues. Roof work to resume 0800 exposing flashing. In cont. B3 from 0930-1130. I continued to observe and inspect cleaning of metal. Hepa 0930 vacuums and wet rags being used. All metal being taken out of waste out is clean. 1200 Lunch Break. Spent some time on the roof with Ted, Rich and Veto. We walked the entire roof and 1500 identified all of the different ACM materials that are called out on the survey. In cont B3 from 1600-1700. Workers are showering out. They have taken all metal and area 1700 ready to begin removal tomorrow. 1800 Samples collected and taken to the lab.



NAME: Matt Popen	DATE: 6/18/2010	
Contract #	Liro Job #:	
HOURS:0530-1500	TASK:PM On site	

TIME	ACTIVITY McCurdy's Bldg. B3, roof		
0530	On site.		
0600	Cal/setup pumps for area B3.		
0730	12 workers in B3 removing FP. 6 workers on roof, continue with rubber membrane removal to expose all flashing.		
0830	In cont B3 from 0830-1030. Water being used and not leaking. FP is being containerized immediately as it is removed from ladders, scaffolds, scissor lifts.		
1330	Crew is finished with work. All workers off the roof and showering out of cont. B3. I observed removal from 1200-1300 in cont. B3. I had them change all neg air filters.		
1500	Off site, all logs typed and complete.		



NAME: Matt Popen	DATE: 6/21/2010
Contract #	Liro Job #:
HOURS:0630-1800	TASK:PM On site

Liko Engine			
TIME	ACTIVITY McCurdy's Bldg. B3		
0630	On site.		
0700	Cal/set up pumps for area B3.		
0800	Spoke with Vtec and Rich, all workers working in basement today. 12 inside doing FP removal and 2 working outside preparing boxes.		
0930	In cont. B3 from 0930-1130. All ACM being thoroughly wetted and removed from ceiling. Debris is shoveled up once it is down and boxed up. Workers also vacuum up water on the floor.		
1200	Lunch break.		
1330	I spoke with Mike B about IC floor again. He wanted a map showing the different areas again so I made him one and walked him through the area to look at the floor condition.		
1600	In cont. B3 again from 1430-1530. All materials wet and being boxed up. Filters changed again, workers all wearing PPE. Area about done.		
1800	All samples collected. Spoke with Ted, small water leak from B3. This was cleaned up quickly.		
Maria de Caracter			



NAME: Matt Popen	DATE: 6/22/2010	
Contract #	Liro Job #:	
HOURS:0630-1800	TASK:PM On site	

LiRo Engine	ers, Inc.
TIME	ACTIVITY McCurdy's Bldg. B3
0630	On site.
0700	Cal/set up pumps for area B3.
0800	12 workers continue FP removal in B3. 4 workers outside area moving/preparing ACM boxes.
0900	DOL on site. I spoke with Rich and Veto about making sure area was ready for DOL inspection.
1230	Lunch break. Spent the last few hours with DOL inspectors walking the building. We had 1 neg. air issue with hoses. 2 of our tubes are 14 in. diameter and need to be changed to 16 in. diameter. We also found an exposed elbow on the first floor that they requested be danger taped off. This issue has already been addressed by Kevin. The neg air tubes will be replaced as soon as possible.
1530	In cont B3 from 1330-1530. All workers wearing PPE and using water. ACM being removed and bagged immediately. Workers also continue to suck up water to make sure cont. does not leak. Both 14 in. flex tubes have been replaced with 16 inch tubes.
1800	All samples broken down, off site.



NAME: Matt Popen	DATE: 6/23/2010
Contract #	Liro Job #:
HOURS:0630-1800	TASK:PM On site

TIME	ACTIVITY McCurdy's Bldg. B3		
0630	On site.		
0700	Cal/set up pumps for B3.		
0800	12 workers continue scrape in B3, 4 workers outside area prepare/moving boxes.		
0930	In cont. B3 0930-1130. Workers continue scraping off fire proofing in the loading dock. All ACM is being boxed up as it falls. Plenty of water being used. Filters have been changed.		
1200	Lunch break.		
1300	I have been continuously checking the chase tunnel to make sure we are not leaking any water from containment. No leaks have occurred yet today.		
1400	In cont. B3 from 1400-1500 again. Observed removal of FP. The FP in the loading dock is sprayed twice as thick as in most areas. Vtec expects to finish scrape by some time tomorrow or Friday.		
1730	Collected samples. All criticals in tact.		
1800	Samples collected, off site.		
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NAME: Matt Popen	DATE: 6/24/2010
Contract #	Liro Job #:
HOURS:0630-1800	TASK:PM On site

Liko Enginee			
TIME	ACTIVITY McCurdy's Bldg. B3		
0630	On site.		
0700	Cal/set up pumps for B3.		
0800	12 workers in B3 continue FP removal, 3 workers do punch list clean up.		
0930	In cont. B3 from 0930-1130. Observed wet removal of FP. They continue to bag up all debris as it is removed.		
1200	Lunch.		
1300	In cont B3 from 1300-1500. They are working to keep water from leaking out. They are about 85% finished with removal. They should finish tomorrow.		
1600	A small leak occurred, they cleaned it up immediately.		
1800	All pumps collected, off site.		



NAME: Matt Popen	DATE: 6/25/2010	
Contract #	Liro Job #:	
HOURS:0530-1500	TASK:PM On site	
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TIME	ACTIVITY McCurdy's Bldg. B3	
0530	On site.	
0600	Cal/set up pumps for B3.	
0830	In cont B3 from 0830-1030. Observed scrape of FP. The FP in the area is ridiculously thick and is taking them a long time to remove. All ACM being bagged.	
1130	I continue to monitor cont B3 checking neg air and for leaks in the tunnel. Everything is good so far.	
1200	Lunch	
1230	In cont B3 from 1230-1330. They still have not finished removal. ACM bags are constantly being filled. No leaks from the wall.	
1400	Collected all samples.	
1500	Off site.	



NAME: Matt Popen	DATE: 6/28/2010
Contract #	Liro Job #:
HOURS:0630-1800	TASK:PM On site

ACTIVITY McCurdy's Bldg. B3	
On site	
Cal/set up pumps for B3.	
Checked the tunnel, no leaks. 8 workers in B3, 1 outside making boxes, Kevin is doing gen. clean up.	
Continued to monitor the tunnel for leaks. Cont B3 is holding up fine.	
In cont B3 0930-1130. Water being used, all ACM being bagged.	
Lunch.	
Began walking the 6 th floor to Mark and identify sampled negative materials for Mike as per his request.	
In cont B3 from 1400-1500. They are still removing the FP from the beams and ceiling. They are working on the hard to reach places. All ACM being bagged up.	
Broke down samples. Spoke with Vtec, they still have a small amount of FP to remove from hard to reach areas.	
Off site.	



NAME: Matt Popen	DATE: 6/29/2010
Contract #	Liro Job #:
HOURS:0630-1800	TASK:PM On site
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ACTIVITY McCurdy's Bldg. B3	
On site.	
Cal/set up pumps for area B3.	
12 workers in B3, 2 workers outside area for bag out. Last remaining areas of FP being removed today. Much of todays work will be cleaning and bag out.	
In cont B3 from 0930-1130. Water being used to remove/clean FP off of beams and decking. All debris being cleaned off floors.	
Lunch	
In cont B3 from 1330-1430. They have completed removal of FP and are cleaning up all debris. Filters have been changed. All ACM is wet, workers wearing PPE.	
Continued to monitor the tunnel for any leaks.	
All samples have been collected. I have also been working on marking the non ACM materials on the $6^{th}$ floor with green paint.	



NAME: Matt Popen	DATE: 6/30/2010
Contract #	Liro Job #:
HOURS:0630-1800	TASK:PM On site

TIME	ACTIVITY McCurdy's Bldg. B3	
0630	On site.	
0700	Cal/set up pumps for B3.	
0800	Final clean phase under way. 12 workers in B3 cleaning the area.	
0900	In cont B3 0900-1100. I had them change filters again. All criticals are intact, workers are wearing PPE.	
1200	Lunch	
1300	I checked the tunnel for leaks.	
1400	Spoke with Rich about variance for IC. They are still waiting for approval.	
1430	In cont B3 1430-1530. Final clean continues. Filters are clean neg air is good. All pipes and beams are being cleaned.	
1700	Broke down samples for B3.	
1800	Paper work complete, off site.	



NAME: Matt Popen	DATE: 7/1/2010
Contract #	Liro Job #:
HOURS:0630-1800	TASK:PM On site

TIME	ACTIVITY McCurdy's Bldg. B3	
0630	On site.	
0700	Cal/set up pumps for area B3 final clean.	
0800	12 workers in B3 for final clean. Spoke with Rich, he doesn't think they will complete final clean today.	
0900	In cont B3 from 0900-1100. Checking on final clean progress, workers are wet wiping all beams. They floors are clean, the area is looking fairly good already.	
1130	Spoke with Mark S. about the progress in my building.	
1200	Lunch	
1300	I read through the approved variance for area 1C. They will build a giant waste out to house an open top dumpster. Each time a dumpster is to be removed the waste out room will be inspected and cleared.	
1400	In cont B3 from 1400-1500. Workers continue to clean beams and walls. Wet rags being used to wipe down the area.	
1700	Collected samples.	
1800	Off site	



NAME: Matt Popen	DATE: 7/2/2010	
Contract #	Liro Job #:	
HOURS:0430-1300	TASK:PM On site	

LiRo Engineers, Inc. **TIME** ACTIVITY McCurdy's Bldg. B3 0430 On site 0500 Cal/set up pumps at 0500 for B3. In cont B3 from 6030-0730 to check progress. Workers continue to wipe beams. I had them 0630 change filters on neg air machines. 0830 Checked all criticals and neg air tubes. No problems, no leaks in the tunnel. 1000 In cont B3 from 1000-1100. They still have a few sections that need more wiping. 1200 Broke down samples, crew is showered out. 1300 Off site



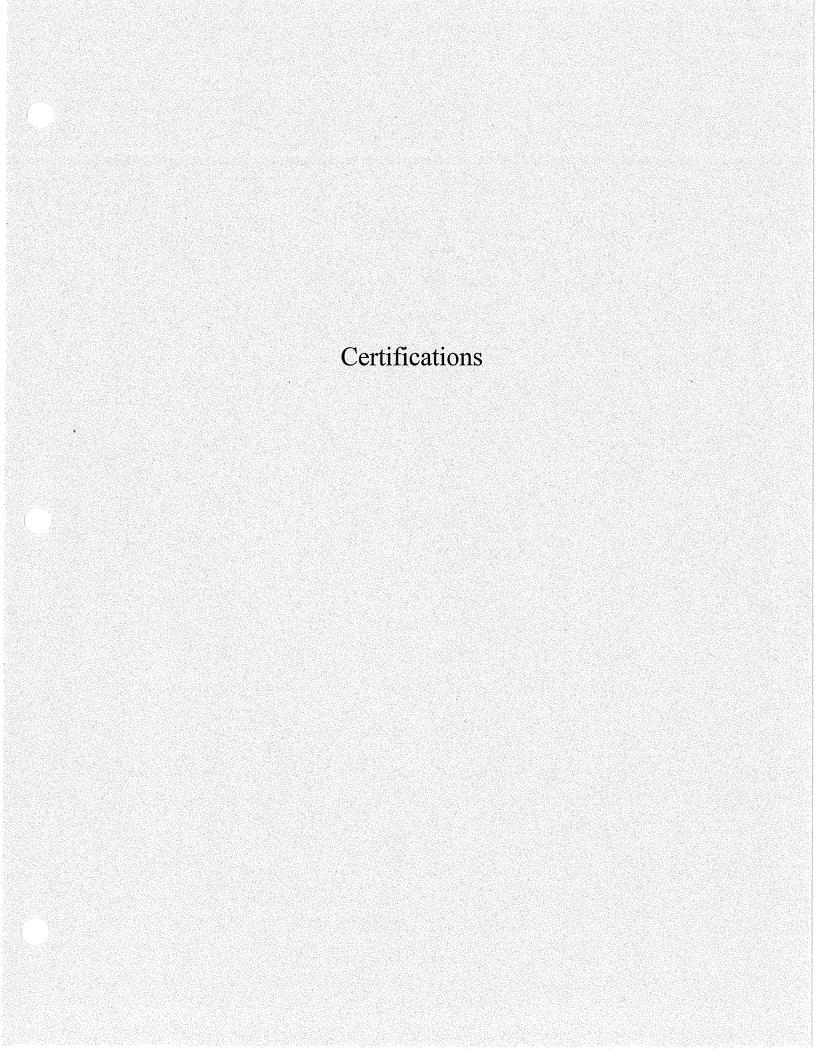
NAME: Matt Popen	DATE: 7/6/2010
Contract #	Liro Job #:
HOURS:0630-1800	TASK:PM On site

TIME	ACTIVITY McCurdy's Bldg. B3, 1C	
0630	On site	
0700	Cal/set up pumps for B3.	
0800	12 workers in B3 final clean. 2 punch list work on upper floors.	
0900	In cont. B3 from 0900-1100. Observed cleaning of walls/floors/sprinkler lines. All criticals are intact.	
1200	Lunch break. Spoke with Dave. B about our variance and 1C work to resume tomorrow.	
1400	Met with Rich and Vtec to plan the rest of the week and talk about 1C floor removal to begin tomorrow.	
1600	In cont B3 from 1600-1645. Looked at the area. I helped identify any suspect materials remaining. Area is looking good.	
1700	Broke down samples. Rich says the area is ready for FVI.	
1800	Off site.	

		Midtown Plaza Complex Asbestos Abatement Daily Summary Report								
		NAME: Matt Popen	DATE: 7/7/2010							
		Contract #	Liro Job #:							
LiRo Engine	ang Inc	HOURS:0630-1800	TASK:PM On site							
Liko Engine	eers, Inc.									
TIME	ACTIVITY McCurdy's Bldg. B3, 1C									
0630	On site.									
0730	Spoke with Rich and Vtec about FVI today in B3.									
0930	I performed FVI in area and passed it. I showed them a few areas to touch up, they complied immediately. All areas are clean. I began aggressive air sampling techniques after inspection.									
- 330	All finals have been set up for B3.									
1130	Finals have been taken down.									
1200	Delivered finals to the lab.									
1330	Finals passed. Workers have been relocating equipment and panels for 1C to resume.									
1430	After trying to lift the wood floor Rich has determined that this method will not work. They are going to try something else tomorrow.									
1800	B3 being broken down, they will finish this tomorrow and resume work in 1C. They have decided to clean the wood instead of rip it up.									

#### Envoy Environmental Consultants Inc.

		J					
Empire State Develops	nest	Project Monitor Visual I	Inspection Rep	ort (L)			
		As per 12NYCRR Part 56 amer	nded January 11, 2006				MILLION TO THE PARTY NAMED IN COLUMN TO THE P
Divilation of Longitions of	McCurdy	× 33		Job Ticket # 40277	1		
Building & Location: Y		Work Area		JOD TICKET# - TOOK 7			
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ESDC		Marks.		PROJECT# 09-1090			
Client//Owner (Print Name)		Client/Owner Representative (print name)		0 -0			
BEI	Kie	h Kupertus		09-079	17		
Abatement Contractor:		Supervisor (print name)		NYSDOL Asbestos Handling Certificate Numb			
·	12.1			09-079	19		
Yes No Supervisors Visual inspection Completed	12 Suppoisor Com	pleting Visual Inspection ( print name)	NYSDOL Ashes	tos Handling Certificate Number	Date.		
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_ Matt Voller		08-10397			7-7-	0	
Project Monitor (Print Name)	1	NYSDOL Asbestos Handling Certificate Numb	er		Date		
Site Emergency Phone:							
Job Type: Class I 🔀	Class II	FP / PI					
/	_	Material					-
Job Size: Large					Sq	Ln	Ft
Project Monitor Visual Ins	spection Checklis	t		Project with Multiple Removals			
Section A		Section B		Section C			
	Needs		Needs			Needs	
Inspectors Checklist	SAT Action N/A	Visual Inspection	SAT Action N/A	Procedures/ Paperwork		Action	N/A
Equipment  1. Flashlight	Not Required	Personal Decontamination Unit 22. Clean & Free of Debris & Dust	Required to Pass	Paperwork & Procedures 42. Written Scope of Work (attached)	Regul Z	red to I	Pass □
Prasniight     Respect		22. Clean & Free of Debns & Dust 23. No Visible Pools of Liquid		43. Verbal Scope of Work (see below)			Ø
3. Respirator		24. No condensation		44. Supervisor Present	<b>Z</b>		
4. Hard Hat		25. All Isolation Barriers intact  Waste Decontamination Unit	Required to Pass	45. Wait period observed	Ø		
5. Safety Glasses 6. Tyvex Suit		26. Clean & Free of Debris & Dust		Paperwork & Procedures	Not	Require	ed
7. Gloves	<b>"</b> pd 0 0   2	27. No Visible Pools of Liquid	ø o o	45. Area Asbestos Survey			
Inspection	4 '	28. No condensation		46. Sign into work area 47. Sign out of work area			
8. Enter all Spaces 9. Inspect at Close Range		9. All Isolation Barriers intact  Regulated Abatement Work Area	Reguired to Pass	48. Entry into Supervisors Log			
Areas to Inspect	<i>y</i> 1	0. No Visible Pools of Liquid	øj o o	49. Detail Findings			
10. Permanent Fixtures		11. No condensation		50. Enter Full Name			
11. Light Fixtures 12. Ductwork	* /	12. All Criticals intact 13. All Isolation Barriers Intact		51. Enter AH Cert. Number 52. Worker Present			
13. Elevated Horizontal Surfaces		14. No Unremoved Materials	<b>7</b> 0 0	oz. Women Produit			
14. Pipes	Z 0 0 3	5. No Visible Debris					
15. Ceiling Grids/Sprinkler Heads		16. No Visible Dust					
16. Conduits 17. Hauserman Channels		7. Examine Contractor Equipment 8. Negative Air in Operation					
18. Floor and Wall Penetrations		9. No Debris or Water under Plastic	7				
19. Creases & Folds in Criticals		O. Completeness of Abatement**	72				
20. Walls & Comers 21. Floors		1. Completeness of Clean-up**					
		ope of work prior to the visual inspection		ss of abatement and clean up.			
Deficiencies, Corrections or		t all deficiencies and target compliance dates					
1.							
2.							
3.			APPARATE TO THE PARAMETER AND				
4.			tion the area dated and the second	rain also state this			
Verbai Scope of Work (any Verbai Scope	or work supplied by the cor	ntractor must be written below, if materials wit	nin the regulated are to ren	am also state mis).			
			·	And the state of t			
Supervisors Signature	AM		Date.	1/-7-10			
oupervisors oignature		<del>~ / )</del>	Date	- 1/0			
	1-11/1	11/2	0-1	7-7-10			
Project Monitor Signature	WILL C	711-1	Date.				
PASS 💥	Area Cleared to proce	ed with Clearance Airs	FAIL 🗆	Area needs Reclean and Reinspection			
		d site at the time and date the observa-		A. 40 MVODD O- 1 CO O C ( 1/0)			
		es not include full project monitoring res 6-9 1(d) & (d)(1) and ASTM document f		by 12 NYCRR Part 56-3.2(d)(8). .5), Visual inspections do not include insp	ections t	ehind	
		is the responsibility of the asbestos abat					
Conv delivered to:		On Date:		Rv:			
Copy delivered to:		On Date:		By:			



NEW YORK STATE - DEPARTMENT, OF LABOR
DIVISION OF SAFETY AND HEALTH
LIGENSE AND CERTIFICATE UNIT
STATE CAMPUS BUILDING 12 ALBANY, NY 12240

Envoy Environmental Consultants, Inc.

57 Ambrose Stree

Rochester, NY 14608

FILE NUMBER: 02-0527

LICENSE NUMBER: 28454

LICENSE CLASS: RESTRICTED

DATE OF ISSUE: 05/26/2010

EXPIRATION DATE: 06/30/2011

Duly Authorized Representative - Geoffrey M

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

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

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

SH 432 (4-07)

#### NEW YORK STATE DEPARTMENT OF HEALTH WADSWORTH CENTER

RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2011 Issued April 01, 2010

#### CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

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

NY Lab Id No: 10958 EPA Lab Code: NY01287

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

#### Miscellaneous Air

Asbestos

NIOSH 7402

YAMATE, AGARWAL GIBB

Fibers

NIOSH 7400 A RULES

Serial No.: 41602



#### NEW YORK STATE - DEPARTMENT OF LABOR

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

#### ASBESTOS HANDLING LICENSE

Envoy Environmental Consultants, Inc.

57 Ambrose Street

Rochester, NY 14608

FILE NUMBER: 02-0527

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Simmunio

Duly Authorized Representative - Geoffrey M Reed

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Maureen A. Cox, Director
FOR THE COMMISSIONER OF LABOR

SH 432 (4-07)



# National Voluntary Laboratory Accreditation Program



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

Paradigm Environmental Services, Inc.

179 Lake Avenue Rochester, NY 14608 Mr. Bruce Hoogesteger

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

**BULK ASBESTOS FIBER ANALYSIS (PLM)** 

**NVLAP LAB CODE 200530-0** 

**NVLAP** Code

Designation / Description

18/A01

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

Samples

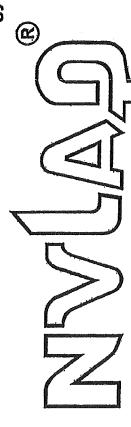
2009-07-01 through 2010-06-30

Effective dates

For the National Institute of Standards and Technology

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

Page 1 of 1



# Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200530-0

Paradigm Environmental Services, Inc.

Rochester, NY

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

# BULK ASBESTOS FIBER ANALYSIS

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

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

2009-07-01 through 2010-06-30

Effective dates



For the National Institute of Standards and Technology

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

#### NEW YORK STATE DEPARTMENT OF HEALTH WADSWORTH CENTER

RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2011 Issued April 01, 2010

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

NY Lab Id No: 10958 EPA Lab Code: NY01287

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

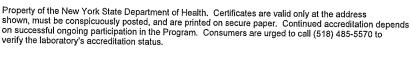
Lead in Paint

EPA 6010B

**Sample Preparation Methods** 

**EPA 3050B** 

Serial No.: 41600





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

