

Empire State Development Corporation

at

Midtown Plaza Asbestos Abatement
McCurdy's Building
6th Floor
Rochester, New York

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



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



October 6, 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 Building 6th floor work areas 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*.

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.

<u>Work Area</u>	<u>Material Type</u>	<u>Original Survey Quantities (Entire Floor)</u>	<u>Verified Removal Quantities (Specified Work Area Only)</u>
6C	Ceiling Tile Mastic	4,500 Square Feet	4,500 Square Feet
6D	Pipe Insulation	900 Linear Feet	50 Linear Feet
	Transite	0 Square Feet	240 Square Feet
	Windows	6 Each	6 Each
	Ceiling System	41,800 Square Feet	1,400 Square Feet
6E	Pipe Insulation	900 Linear Feet	350 Linear Feet
	Window	6 Each	3 Each
	Mirror Mastic	600 Linear Feet	100 Square Feet
6F	Wall Mastic	0 Square Feet	2,250 Square Feet
6 th Floor Tent A	Pipe Insulation	900 Linear Feet	41 Linear Feet
6 th Floor Tent B	Pipe Insulation	900 Linear Feet	91 Linear Feet
6 th Floor Minor 1	Pipe Insulation	900 Linear Feet	2 Linear Feet
6 th Floor Minor 2	Pipe Insulation	900 Linear Feet	2 Linear Feet
6 th Floor Minor 3	Pipe Insulation	900 Linear Feet	6 Linear Feet
6 th Floor Minor 4	Pipe Insulation	900 Linear Feet	19 Linear Feet

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Bruce Hoogesteger', with a stylized, cursive script.

Bruce Hoogesteger

Paradigm Environmental Services, Inc.

CC: Paul Mahoney, Envoy Environmental Consultants, Inc.

Notifications & Quantities
Cover Summary



Asbestos Project Notification

Project Reference Number: 25747002	Type: Amended Notification
Status: Notification Received	Notification Received: 10/16/2009
Payment Status: Paid in full	Number of amendments: 1
Notification Entered By: Bristol Environmental, Inc.	

Contractor Information

FEIN:232767393

Bristol Environmental, Inc.

Mailing Address

1123 Beaver Street

Bristol PA 19007

Asbestos License Number: 31019

Duly Authorized Representative

Ernest M Decaro III, Officer

Phone Number: 215-788-6040

E-mail Address: joycel@belgroup.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 Details

Phase #	Phase Start Date	Phase End Date	Phase Location	Phase Scope
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Sub-Contractor Details

Name:	Asbestos License Number:
Safe Side Environmental Restoration Inc.	47842

Night/Weekend/Shift Work Details

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

Party for Whom Work is being Performed

First Name:	Last Name:
Organization: cambria contracting	
Apt./Suite:	Address Line 1: 5105 lockport rd
Address Line 2:	City Town or Village: lockport
Province:	State: NY
Zip Code: 14094	Country: United States
Contract Dollar Amount: \$5,200,000.00	

Variance Information

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

Procedures and Type of Equipment and Ventilation Systems Used

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

Air Monitoring Firm

Name:	Asbestos License Number:
Envoy Environmental Consultants, Inc.	28454

Laboratory Performing Analysis

Name:	ELAP Registration Number:
paradigm	10958

Type of Asbestos Work

Pipe Related:	Yes	Siding:	No
Clean up:	No	Vessel covering:	Yes
Caulking/mastic:	Yes	Spray-on Insulation:	Yes
Roofing/flashing:	Yes	VAT:	Yes
Demolition:	No	Demolition Ref#:	
Other-specify:	mirror, ceiling, tile transite cooling tower		

Waste Transporter

Name: riceslll 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 schedule

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

Remarks



Asbestos Project Notification

Project Reference Number: 25747002	Type: Amended Notification
Status: Notification Received	Notification Received: 10/16/2009
Payment Status: Paid in full	Number of amendments: 2
Notification Entered By: Bristol Environmental, Inc.	

Contractor Information	
FEIN: 232767393	
Bristol Environmental, Inc.	Mailing Address
1123 Beaver Street	
Bristol PA 19007	
Asbestos License Number: 31019	
Duly Authorized Representative	
Ernest M Decaro III, Officer	
Phone Number:	215-788-6040
E-mail Address:	joycel@belgroup.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 Details

Phase #	Phase Start Date	Phase End Date	Phase Location	Phase Scope
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Sub-Contractor Details

Name: Safe Side Environmental Restoration Inc. Asbestos License Number: 47842

Night/Weekend/Shift Work Details

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

Party for Whom Work is being Performed

First Name: Last Name:
Organization: cambria contracting Address Line 1: 5105 lockport rd
Apt./Suite: Address Line 2: lockport
Address Line 2: City Town or Village:
Province: State: NY
Zip Code: 14094 Country: United States
Contract Dollar Amount: \$5,200,000.00

Variance Information

AV-A-2:Negative Air Ventilation Exhaust greater than 25 feet in length.
AV-A-3:Non-friable ACM Floor Covering Mastic Removal Using Chemical Methods along with Low-speed Floor Buffers.
Individual Variance Petition Number: 09-0943

Procedures and Type of Equipment and Ventilation Systems Used

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

Air Monitoring Firm

Name: Envoy Environmental Consultants, Inc. Asbestos License Number: 28454

Laboratory Performing Analysis

Name: paradigm ELAP Registration Number: 10958

Type of Asbestos Work

Pipe Related:	Yes	Siding:	No
Clean up:	No	Vessel covering:	Yes
Caulking/mastic:	Yes	Spray-on insulation:	Yes
Roofing/flashings:	Yes	VAT:	Yes
Demolition:	No	Demolition Ref#:	
Other-specify:	mirror, ceiling, tile transite cooling tower		

Waste Transporter

Name: riccelli trucking
NYS DEC or EPA Permit Number: 7a402
Phone Number: 3154335115
Apt./Suite:
Address Line 1: 6131 east taft rd
Address Line 2:
City Town or Village: syracuse
Province:
State: NY
Zip Code: 13212
Country: United States

Landfill

Name: iesl 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

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825 - 1649 feet:	\$1000	500 - 999 feet:	\$1000
1650 or more feet:	\$2000	1000 or more feet:	\$2000

Remarks



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

Asbestos Project Notification

A. Type of notification

Check only one type of notification below.

- ☒ Initial Complete all sections. The Department of Labor must receive this notification and fee at least 10 days before the project starts.
- ☐ Renewal Complete all sections. Submit with fee within the last 30 days of a project that will extend beyond 12 months.
- ☐ Amended Submit amended notification with all sections completed and amended item(s) circled.
- ☐ Cancelled Complete Section G and attach copy of initial notification or complete all sections.
- ☐ Emergency You must first call 518-485-9263 for prior approval of emergency status, then complete and return this form including:
Emergency reference # _____

B. Contractor information

Provide all information requested below.

1. FEIN 23 -- 27 6 7 3 0 9

2. Asbestos license number 31019

3. Contractor name and address

Bristol Environmental, Inc.

1123 Beaver Street

Bristol, PA 19007

4. Mailing address (if different)

C. Project site information

Provide all information requested below for the building/site where the asbestos project will be conducted.

5. Project dates: Starting date 11/2/09 Completion date 9/2/10

If amended: Starting date _____ Completion date _____

6. Project location: County Monroe

Name of building McCurdy Building

Room or other specific location All floors

Bridge Projects only. Bridge ID Number: _____

Street address 285 East Main Street

City, Town or Village Rochester State NY Zip Code 14604

7. Building information

Current use Vacant Year built _____ Last renovation 1960

Prior use Store & Offices Building size 460,000 sq. ft.

Is this a Federal building? ☒ No ☐ Yes

8. Building representative/site contact: Name Robert Kreuzer Phone number 716-882-5476

SH 483 (04-09)

D. Project details

Provide all of the information requested below relating to specifics of asbestos removal.

9. Is this a phased project? ☒ No ☐ Yes

If yes, list scope, location and starting and end dates for each phase below. If there are more than 4 phases, please use Section F to continue.

Start date	End date	Location	Scope

10. Will sub-contractor(s) be used: ☒ No ☐ Yes (if yes, complete lines below.)

Name _____ Asbestos Lic. No. _____

Name _____ Asbestos Lic. No. _____

11. Do you anticipate doing: ☒ Night work ☒ Weekend work ☐ Shift work
Days/hours Standard shift, Monday - Friday, 7:00 am to 3:30 pm
May work evenings & weekends to meet schedule

12. The party you are doing the work for: Name Cambria Contracting
Address 5105 Lockport Road
City, Town or Village Lockport, NY 14094
State NY Zip Code 14094

13. Dollar amount of contract between parties named in Item 3 and Item 12. \$ 5,200,000

14. If work is being conducted under a variance, check appropriate box and supply variance number.

Note: Forms AV 86 through AV 120 can no longer be used. Please refer to Part 56 of Title 12 of the Official Compilation of Codes, Rules and Regulations of the State of New York (12 NYCRR Part 56).

☒ Applicable variance number: AV-A-2 ☒ Individual variance petition number: Applied for.
AV-A-3

15. Procedures and type of equipment and ventilation system used (attach additional sheets if necessary.)

- a) Type of equipment and ventilation systems used: HEPA Vacuums, Negative Air Ventilation Machines, Water Hoses, Airless Sprayers, Collapsible Showers, Respirators.
- b) Name of air monitoring firm: Envoy Environmental Consultants, Inc.
Asbestos license number: 28454
- c) Name of laboratory performing the analysis: Paradigm Environmental Services, Inc.
ELAP Registration number: 10958

16. Type of asbestos work (check all that apply)

- ☒ Pipe related ☐ Roofing/Flashing ☒ Caulking/Mastic ☐ Clean up
☒ Vessel covering ☐ Siding ☒ VAI ☒ Sprayed on insulation
☒ Other (specify) Mirror & ceiling tile mastic, transite cooling tower.
☐ Demolition: if site survey was previously submitted, provide the reference: _____

17. Waste transporter name: Riccelli Trucking

NYS DEC permit number: 7A402
 Address: 6131 East Taft Road
 City, Town or Village: Syracuse
 State: NY or Province: _____
 Zip Code: 13212
 Phone number: 315-433-5115

18. Waste disposal site

Name IESI - Seneca Meadows, Inc.
 Address: 1786 Saloman Road
 City, Town or Village: Waterloo
 State: New York or Province: _____
 Zip Code: 13165
 Phone number: 315-539-5624

19. Type and amount of asbestos-containing material involved

Friable linear feet	<u>7,660</u>	Friable square feet	<u>175,450</u>
Non-Friable linear feet +	<u>6,300</u>	Non-Friable square feet +	<u>147,700</u>
Total linear feet	<u>= 13,960</u>	Total square feet	<u>= 323,150</u>

20. Fee schedule

This fee is non-refundable. Refer to Item 19 to calculate your required fees.

Check one box for linear feet and one box for square feet.

20. Fee schedule:

- | a) Linear feet | b) Square feet |
|--|--|
| <input type="checkbox"/> 0 - 259 (\$0) | <input type="checkbox"/> 0 - 159 (\$0) |
| <input type="checkbox"/> 260 - 429 (\$200) | <input type="checkbox"/> 160 - 259 (\$200) |
| <input type="checkbox"/> 430 - 824 (\$400) | <input type="checkbox"/> 260 - 499 (\$400) |
| <input type="checkbox"/> 825 - 1649 (\$1,000) | <input type="checkbox"/> 500 - 999 (\$1,000) |
| <input checked="" type="checkbox"/> 1650 or more (\$2,000) | <input checked="" type="checkbox"/> 1000 or more (\$2,000) |

21. Total fee due for project \$ 4,000.00 (add 20a and 20b)

B. Remarks

Use this area to provide additional information. Attach additional sheets if necessary.

C. Signature

I certify that the information specified on this notification is true and accurate and that the project will be conducted in compliance with the requirements of Code Rule 56. (no cosign or stamps)

Signature of the Contractor or Duty Authorized Representative

Date

10-15-09

Print name of the Contractor or Duty Authorized Representative

Date



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

Asbestos Project Notification

Filing an asbestos project notification

Who must provide asbestos project notification

If the asbestos removal project is:

- Located within New York State
- Involves more than 260 linear feet or 160 square feet of asbestos or asbestos-containing material in a building.

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

		Method of notifying	
		Written notification	Telephone notification
Type of notification	Initial	At least 10 calendar days prior to project start date	Does not apply
	Renewal	Within the last 30 days of a project that will extend beyond 12 months	Does not apply
	Amended	Postponed: At least 3 calendar days prior to new start date and at least 1 calendar day prior to initial notification start date	At least 1 calendar day prior to initial notification start date
		Cancelled: At least 1 calendar day prior to initial notification start date	At least 1 calendar day prior to initial notification start date
	Note: Amended telephone notification requires written follow-up within 5 working days. You cannot change the completion date beyond one year from the start date.		
Emergency		Within 3 working days of telephone notification and approval of emergency status by the Asbestos Control Bureau	As emergency situation arises

When to file 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 period 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 amended notification.

How to file a notification

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

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

Variances



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

To apply for an asbestos variance the Project Designer must:

- Complete all of the information on pages one and two of this asbestos variance request. Please type or print.
- Sign 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? _____ Yes ☒ 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):

3a. Petitioner's Agent (Asbestos Contractor) Firm Name: **Cambria Contracting**
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, _____ Road.
c. County of **Monroe**
d. Street Address: **Main / Broad / Euclid**
e. City **Rochester** f. State: **NY** g. Zip _____
h. Is building occupied? Yes ☒ 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. **N/A**
a. Issued to: _____ Owner _____ Asbestos Contractor _____ Operator _____ Other
b. Name on Order or Notice: c. 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**

9. Reason for Request

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.

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:

The McCurdy's Building - Asbestos Containing Materials:

- Spray-on Fireproofing – 417,500 SF
- Ceiling systems – 262,750 SF
- Pipe insulation – 6,990 LF
- Pipe insulation debris – 1000 SF
- Fittings on fiberglass pipe insulation – 670 fittings
- Duct/duct block insulation – 2,550 SF
- Floor tile/mastic – 39,700 SF
- Terrazzo tar paper - 82,500 SF
- Mirror mastic – 12,030 SF
- Transite panels/boards – 2,820 SF
- Transite electrical panel – 9 panel boxes
- Fire doors – 44 doors
- Vibration cloth/expansion joints – 48 each
- Caulk at walk-in cooler – 20 SF
- 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
- Roof flashing – 5,250 LF
- Roof vents - 3 vents
- Coping tar – 500 LF
- Transite pipe – 40 LF
- Elevator components – 7 each

Attachments for Variance Petition
MIDTOWN PLAZA – The McCURDY's Building
Rochester, NY
29 September 2009

41
42 The abatement project is being completed as part of a demolition project of a group of
43 buildings that comprise the Midtown Plaza. All buildings are currently unoccupied. The
44 buildings were occupied as late as the end of 2008 and up to that point operations and
45 maintenance programs were implemented and kept up until the closure of the facility.
46 Records of this were kept in facility management offices and were reviewed as part of
47 the survey process.

48
49 The spray-on fireproofing exists in all buildings and necessitates alternative preparation
50 and removal methods. Extensive overspray is present on all components above ceiling
51 systems. Because of the previously mentioned O&M program – this material was in
52 good condition at time of inspection. Periodic monitoring of the buildings was performed
53 by building personnel from the inception of asbestos standards and those records were
54 reviewed as part of the survey report. The reliefs requested in this variance petition, via
55 methods listed here within, are pre-emptive approaches to the discovery of debris
56 above ceiling systems in the event previously unknown debris is discovered during pre-
57 abatement inspections and are not based upon existing conditions. All materials
58 including and above suspended and fixed ceilings, up to and including the decking are
59 currently considered ACM and abatement methods will adhere to NYCRR56. The
60 contractor may implement a contamination assessment to better define work areas.
61 The project has a strict 12-month schedule that must be maintained, and with an
62 approved variance in place with respect to incidental disturbance delays will be
63 alleviated.

64
65 Removal of floor tile, mastics and floor leveler/flash patch material will essentially be in
66 accordance with 56-11.4, but the sequencing needs to be incorporated within the
67 context of the other friable ACM removals in the same area(s), along with provisions to
68 utilize powered equipment.

69
70 Alternative methods are also required to ensure the safety of abatement personnel
71 performing the work in elevated locations.

72
73 Generally, literal compliance with the provisions of 12 NYCRR 56 would present an
74 unnecessary hardship due to practical difficulties in safely accessing and removing the
75 ACM in all of the buildings.

Attachments for Variance Petition
MIDTOWN PLAZA – The McCURDY's Building
Rochester, NY
29 September 2009

77 Prior to pre-abatement activities, limited general removal of components will be
78 completed that will not disturb or impact any ACM. Prior to regulated work area prep,
79 below ceiling demolition of non contaminated wall partitions will be performed as well as
80 removal of doors, trim, furniture, cabinets and other non ACM features of this building.
81 Non-asbestos materials being removed as construction debris will be visually inspected
82 by an on-site project monitor. No materials or wall boards will be disturbed at or above
83 the ceiling systems. No ACM will be disturbed as part of the general removals. At time
84 of inspection, and due in part to the previously existing and implemented O&M program
85 in this facility, no debris from the spray-on fireproofing above was found in spaces below
86 the ceiling system or within interior partition walls.

87
88 Walkways to adjacent noted in the most recent survey are no longer functional and are
89 demarcated with barrier tape and proper signage. Air samples will be taken at this
90 barrier location as per NY CRR56.

91
92 Plaster on exterior overhangs will be removed as part of this abatement project. These
93 exterior areas will all be hard walled and all abatement methods will adhere to NY
94 CRR56.

95
96 Duct block insulation noted in the survey report will be address as part of the Tunnels or
97 McCurdy's. This material was listed in this report because of it's proximity to this
98 structure, but additionally listed in McCurdy's because of its original intended function.
99

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

56-7.2 (c) Ventilation for Power Tools – Relief from the section is primarily a clarification of the applicability of the ventilation requirement to "powered" equipment that is not 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 aforementioned 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.

Attachments for Variance Petition
MIDTOWN PLAZA – The McCURDY's Building
Rochester, NY
29 September 2009

- 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 a minimum of eight (8) air changes per hour and -0.02 column inches of water pressure differential relative to pressure outside of the regulated abatement work area. Controlled stairwells will be used to exhaust negative air machines to roof level adhering to 56-7.8 (11) and including conditions and relief granted by AV-A-2.
- After establishing the negative pressure regulated abatement work area, remaining partition wall will be removed above the ceiling line to the decking. Non-porous partition components may be cleaned and salvaged as scrap.
- After removal of uncontaminated wall partitions, carpet will be HEPA-vacuumed, 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.

Attachments for Variance Petition
MIDTOWN PLAZA -- The McCURDY's Building
Rochester, NY
29 September 2009

- 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 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.
- After satisfactory air sampling, VAT will be removed and disposed as non-friable asbestos containing waste by applicable legal methods.
- ACM mastic beneath the tile will be removed by a combination of shot-blasted 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

- 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 HEPA-vacuuming, 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.

Attachments for Variance Petition
MIDTOWN PLAZA – The McCURDY's Building
Rochester, NY
29 September 2009

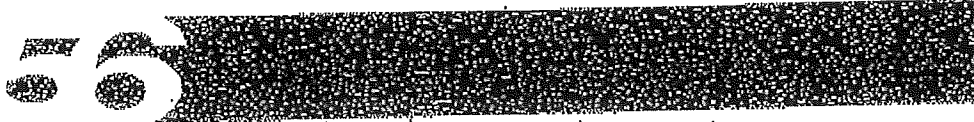
- The work area will be HEPA-vacuumed.
- Asbestos contaminated gross debris that is removed by hand shall be immediately placed into asbestos bags or wrapped in poly and then taken for disposal.

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

- A reusable tent utilizing negative pressure as per 56-11.2 (f) will be utilized after area is secured and posted and workers don two sets of protective coveralls, as above.
- Applicable air sampling techniques as set forth in 56-4.9 will be followed for the applicable job size with respect to the disturbance.
- After completion of removal and cleaning of all work area surfaces, the abatement location shall be visually inspected for debris. Once the abatement work area is inspected by a third party project monitor and determined to be free of debris, clearance air sampling will commence (minor – 1 in/1 out, small – 3 in/3 out).
- Barrier tape will remain in area until the preparation for asbestos removal.
- Tent will remain in place until satisfactory project monitor visual inspection and satisfactory clearance air results are obtained.
- Reusable tent will be disposed of as ACM waste at conclusion of asbestos project.

Fm:Robert Barr To:Amendment Letter - 66 Services (15184571301)

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



09 0943

APPROVED

JAN 20 2010

January 18, 2010

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

New York State Dept. of Labor
Engineering Services Unit

RE: Midtown Mall McCurdy's Building - Variance Application Amendment - 09-0943

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-fragile 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.
- 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.
- Any debris will be HEPA-vac and ~~it~~ wet wiped at end of shift.
- All other provisions of the variance will remain.

* Wet methods required

* Tool shall be HEPA exhausted with a shroud.

Thank you for your help in this matter.

* Full time Project Monitor to oversee work

Sincerely,

Robert Barr
NYS Project Designer #93-19183

Air Logs, PM Logs
Maps & FVI

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ Matt Popen

Date: 1-4-10

Job Ticket #: 36128

Air Technician: ☒ McCurdy's

Work Area: 6C

Shift (A) B C

Project Description

ESDL

Marks.

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

BEI

John

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

69

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☒

Phase IIB ☐

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☐

Class II ☒

Large ☒

Small ☐

Minor ☐

Job Type

Ceiling Mastic

Sq/ft

Ln/ft

Project with multiple removals ☐

1st Check

2nd Check

3rd Check

4th Check

5th Check

Time of air sampling pump check

Notes

on site 0700

set up @ 1300

broke down @ 1650

to lab.

Air Technician Signature

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

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ Matt Ropen
Air Technician: ☒

Date: 1-5-10

Job Ticket #: 36129

Building / Location: McCurdy's

Work Area: 6C

Shift ☒ A ☐ B ☐ C

Project Description

ESDL

Mark

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

BEI

John

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

69

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☒

Phase IIB ☐

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☐

Class II ☒

Large ☒

Small ☐

Minor ☐

Job Type

Ceiling mastic

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check

2nd Check

3rd Check

4th Check

5th Check

Time of air sampling pump check

Notes

on site 0700

Cal / set up 0730

brace down 1700

to lab.

Air Technician Signature

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

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒

Air Technician: ☒ Matt Popen

Date: 1-6-10

Job Ticket #: 36136

Building / Location: MC Cordys

Work Area: 6C

Shift ☒ A ☐ B ☐ C

Project Description

ESDL

Mark

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

BEI

John

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

69

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☐

Class II ☒

Large ☒

Small ☐

Minor ☐

Job Type

Ceiling mastic

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check

2nd Check

3rd Check

4th Check

5th Check

Time of air sampling pump check

Notes

6700 on site

Call set up @ 0730

broke down 1700

to 100

Air Technician Signature

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

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ Matt Pagen
Air Technician: ☒ Matt Pagen

Date: 1-7-10

Job Ticket #: 36137

Building / Location: McLurdy's

Work Area: 6L

Shift ☒ A ☐ B ☐ C

Project Description

ESDL

Client / Owner (Print Name)

BEI

Client / Owner Representative (Print Name)

Sohn

mark

Client Contact (Print Name)

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

65

Map Completed

Rotometer Number

Date of Last Calibration

Project Phase	Phase IB <input type="checkbox"/>	Phase IIA <input type="checkbox"/>	Phase IIB <input checked="" type="checkbox"/>	Phase IIC <input type="checkbox"/>	Phase IIC <input type="checkbox"/>
	Backgrounds	Work Preparation samples	Asbestos Handling Samples	Final Cleaning Samples	Clearance Air Samples
	Class I <input type="checkbox"/>	Class II <input checked="" type="checkbox"/>	Large <input checked="" type="checkbox"/>	Small <input type="checkbox"/>	Minor <input type="checkbox"/>

Job Type

alive dots

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check

2nd Check

3rd Check

4th Check

5th Check

Time of air sampling pump check

Notes

on site 0700

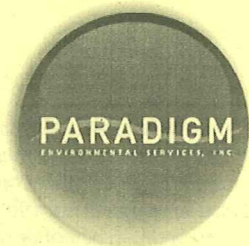
set up/cal pumps @ 0730

broke down 1700

to lab.

Air Technician Signature

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 0343-10

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket # 36137 SM 1-8-10

Empire State Development Corporation

Client McCurdy's
Building/Location BE1
Contractor 69
Rotometer #
Work Area 6C
Contractor Contact John
Cassette Lot #

Client Contact Mark S
Client Contact Phone 734-4528
Air Technician Matt P
Air Technician Phone
Fax Results To: FP
Fax #
Materials to be Removed

Project Phase ☒ Phase IB ☐ Phase IIA ☐ Phase IIB ☒ Phase IIC ☐ Phase IIC ☐ * Env. ☐
Backgrounds Work Area Preparation Asbestos Handling Final Cleaning Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	06	07	08	09	010	011	012		B1	B2		
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3					
Post-Calibrated Flow Rate	3	3	3	3	3	3	3					
Average Flow Rate	3	3	3	3	3	3	3					
Start Time Military Time	0730	0732	0732	0732	0734	0735	0736					
End Time Military Time	1700	1702	1702	1702	1704	1705	1706					
Duration (Minutes)	530	530	530	530	530	530	530					
Sample Volume (Liters)	1590	1590	1590	1590	1590	1590	1590					

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	2309	310	311	312	313	314	315		316	317		
Fibers/100 Fields:	Over-loaded	11	Over-loaded	Over-loaded	5.5	8	6		0	0		
Fibers/cc:	Unc.	<0.01	Unc.	Unc.	<0.01	<0.01	<0.01					

Samples Relinquished By: <u>M. H. C. B.</u>	Date: 1-7-10
Received in Lab By: <u>SM</u>	Date: 1-8-10
Analyzed By: <u>J.</u>	Date: 1-8-10
Microscope Make, Model & #: <u>235757</u>	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments: Leat M-H on V.M. (over-loaded) @ 4:30pm 1-8-10 J

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒

Air Technician: ☒

Date: 1-8-10

Job Ticket #: 36138

Building / Location: McLoudys

Work Area: 606

Shift (A) B C

Project Description

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

Map Completed

Rotometer Number

Date of Last Calibration

Project Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☒

Phase IIC ☐

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☐

Class II ☒

Large ☒

Small ☐

Minor ☐

Job Type

Type of Material

Sq/ft

Ln/ft

Project with multiple removals ☐

1st Check

2nd Check

3rd Check

4th Check

5th Check

Time of air sampling pump check

Notes

on site 0700

cal / set up @ 0815

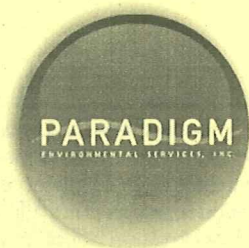
broke down @ 1045

demo dust very heavy surrounding work area.

Samples to lab.

Air Technician Signature

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

0401-10

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket #

36138 SM 1-9-10

Empire State Development Corporation

Client

McCurlys

Building/Location

BE1

Contractor

64

Rotometer #

6C

Work Area

John

Contractor Contact

Cassette Lot #

Client Contact

Mark K.

Air Technician

Client Contact Phone

734-4528

Air Technician Phone

Fax Results To:

Fax #

Mark K.

Materials to be Removed

Project

Phase

Phase IB ☐

Backgrounds

Phase IIA ☐

Work Area Preparation

Phase IIB ☐

Asbestos Handling

Phase IIC ☒

Final Cleaning

Phase IIC ☐

Clearance Airs

* Env. ☐

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	06	07	08	09	010	011	012		B1	B2		
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3					
Post-Calibrated Flow Rate	3	3	3	3	3	3	3					
Average Flow Rate	3	3	3	3	3	3	3					
Start Time Military Time	0815	0817	0817	0817	0819	0821	0821					
End Time Military Time	1045	1047	1047	1047	1049	1051	1051					
Duration (Minutes)	150	150	150	150	150	150	150					
Sample Volume (Liters)	450	450	450	450	450	450	450					

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	747	748	749	750	751	752	753		754	755		
Fibers/100 Fields:	Overload	8	Overload	Overload	3.5	5	4		0	0		
Fibers/cc:	Unc	<0.01	Unc	Unc	<0.01	<0.01	<0.01					

Samples Relinquished By:

Date:

1-8-10

Received in Lab By:

Date:

1-9-10

Analyzed By:

Date:

1-10-10

Microscope Make, Model & #:

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

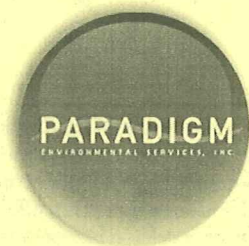
06 - decon sampled for both 6C and 6D as some remote decon was used.

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

0400-10

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket #

36139 SH-0

Empire State Development Corporation

Client

McCurdy's

Building/Location

BEI

Contractor

BS

Rotometer #

Work Area

John

Contractor Contact

Cassette Lot #

Client Contact

Math

Air Technician

Client Contact Phone

739-4528

Air Technician Phone

Fax Results To:

Fax #

Coiling mastic

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☐

Phase IIC ☒

*

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	I1	I2	I3	I4	I5	O6	O7	O8	O9	O10	B1	B2
Pre-Calibrated Flow Rate	5	5	5	5	5	5	5	5	5	5	1	1
Post-Calibrated Flow Rate	5	5	5	5	5	5	5	5	5	5	1	1
Average Flow Rate	5	5	5	5	5	5	5	5	5	5	1	1
Start Time Military Time	1100	1100	1100	1101	1101	1103	1103	1103	1104	1104		
End Time Military Time	1300	1300	1300	1301	1301	1303	1303	1303	1304	1304		
Duration (Minutes)	120	120	120	120	120	120	120	120	120	120		
Sample Volume (Liters)	600	600	600	600	600	600	600	600	600	600		

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Fibers/100 Fields:	3	3	3.5	1	2.5	1	1	2	4	1	0	0
Fibers/cc:	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	N/A	N/A

Samples Relinquished By:

Date:

Received in Lab By:

Date:

Analyzed By:

Date:

Microscope Make, Model & #:

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

Left voicemail for Math. SH 1-9-10 1:58pm

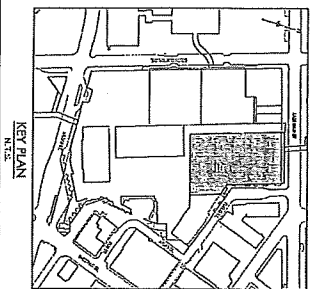
White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

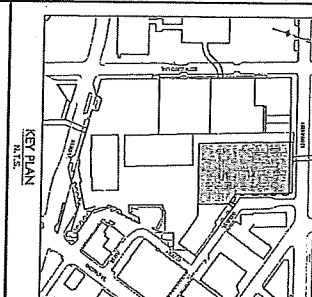
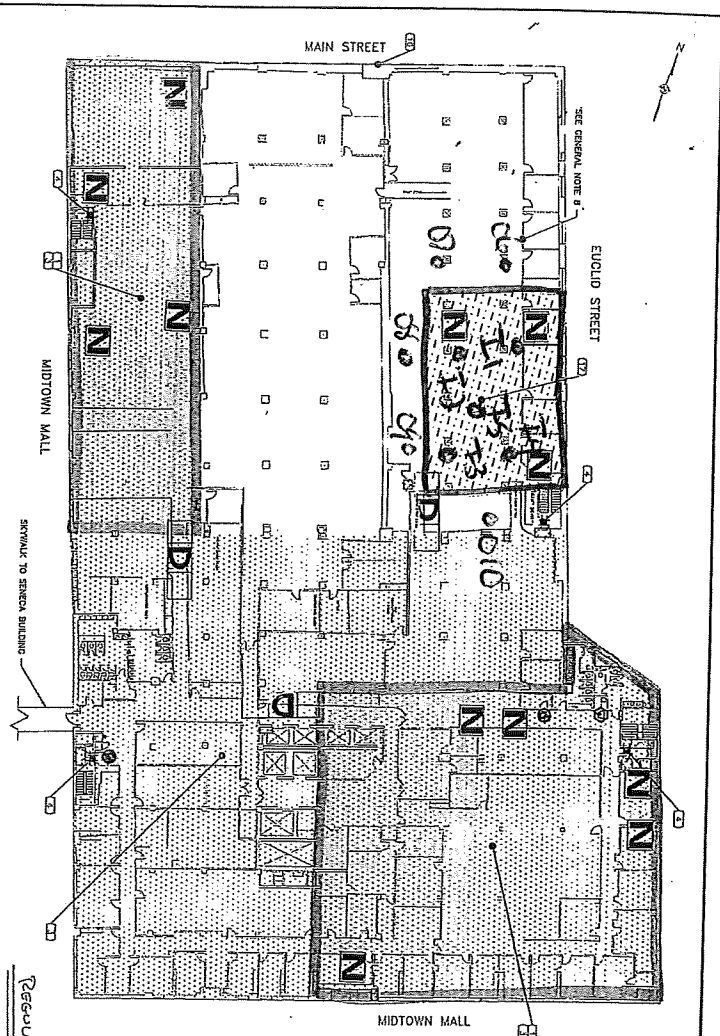
II A	1-4-10
II B	1-6-10



LEGEND:
PIPE CHASE

[illegible]

6C
IFC finals
- Pass



SIXTH FLOOR ASBESTOS ABATEMENT SCHEDULE

ASBESTOS CONTAINMENT MATERIAL TO BE REMOVED AND DISPOSED	QUANTITY
SPRAY-ON FIBERGLASS	39,000 SF
SPRAY-ON FIBERGLASS	41,000 SF
SPRAY-ON FIBERGLASS	4,000 SF
SPRAY-ON FIBERGLASS	600 SF
SPRAY-ON FIBERGLASS	800 SF
SPRAY-ON FIBERGLASS	6,000 SF
SPRAY-ON FIBERGLASS	4,500 SF

LEGEND

Regulations Areas

G-1 13,700 S.F.
G-4 41,000 S.F.
G-2 8,000 S.F.

REVISIONS

NO.	DATE	DESCRIPTION
1	1/29/03	DO DOCUMENTS

PROJECT DATA

PROJECT NO.: **6TH FLOOR ASBESTOS ABATEMENT**

CLIENT: **Empire State Development**

DATE: **JANUARY 2003**

SCALE: **1" = 20'**

ASBESTOS ABATEMENT PLAN

MB-AB

GENERAL NOTES

1. THE INFORMATION IN THESE DRAWINGS AND SPECIFICATIONS IS FOR GUIDANCE PURPOSES ONLY. THEY MAY NOT BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN CONSENT OF THE DESIGNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

ASBESTOS ABATEMENT NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒

Air Technician: ☒

Date:

1-8-10

Job Ticket #:

36138

Building / Location:

McCordys

Work Area:

6D

Shift

(A)

B

C

Project Description

ESDC

Client / Owner (Print Name)

BEI

Client / Owner Representative (Print Name)

John

Client Contact (Print Name)

Mark

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☒

Phase IIB ☐

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☒

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

TRENCH / RE

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check

2nd Check

3rd Check

4th Check

5th Check

Time of air sampling pump check

Notes

ON SITE 0700

SET UP @ 0845

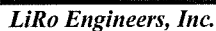
broke down @ 1055

SAMPLES TO LAB

very dusty from demo in area.

Air Technician Signature

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



NAME: *Matt Popen*

DATE: 1-4-10

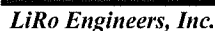
Contract #

Liro Job #:

HOURS:0700-1730

TASK:PM On site

[illegible]



NAME: *Matt Popen*

DATE: 1-5-10

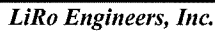
Contract #

Liro Job #:

HOURS:0700-1730

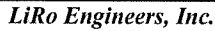
TASK:PM On site

[illegible]



TASK:PM On site

[illegible]



NAME: *Matt Popen*

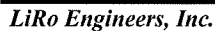
DATE: 1-7-10

Contract #

Liro Job #:**HOURS:0700-1730**

TASK:PM On site

[illegible]



NAME: *Matt Popen*

Contract #

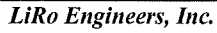
HOURS:0700-1530

DATE: 1-8-10

Liro Job #:

TASK:PM On site

[illegible]



TASK:PM On site

[illegible]

- ORIGINAL COST -

Envoy Environmental Consultants Inc.

Empire State Development

Project Monitor Visual Inspection Report



As per 12NYCRR Part 56 amended January 11, 2006

Building & Location: McCurry's - CC Job Ticket # _____

Project Description: ESDC Work Area: _____

Client/Owner (Print Name): BRISTOL Client/Owner Representative (print name): MARK SMITH PROJECT # _____

Abatement Contractor: REEH Supervisor (print name): REEH NYSDOL Asbestos Handling Certificate Number: _____

Yes ☒ No ☐ Supervisor Completing Visual Inspection (print name): REEH NYSDOL Asbestos Handling Certificate Number: _____ Date: _____

Project Monitor (Print Name): MATT POPEN NYSDOL Asbestos Handling Certificate Number: _____ Date: _____

Site Emergency Phone: 911

Job Type: Class I ☐ Class II ☒ CEILING TILE MASTER

Job Size: Large ☒ Small ☐ Material: _____

Project with Multiple Removals ☐ Sq Ln Ft

Project Monitor Visual Inspection Checklist

Section A				Section B				Section C			
Inspectors Checklist				Visual Inspection				Procedures/ Paperwork			
Equipment				Personal Decontamination Unit				Paperwork & Procedures			
1. Flashlight				22. Clean & Free of Debris & Dust				42. Written Scope of Work (attached)			
2. Knife or pointed object				23. No Visible Pools of Liquid				43. Verbal Scope of Work (see below)			
3. Respirator				24. No condensation				44. Supervisor Present			
4. Hard Hat				25. All Isolation Barriers intact				45. Wait period observed			
5. Safety Glasses				Waste Decontamination Unit				Paperwork & Procedures			
6. Tyvek Suit				26. Clean & Free of Debris & Dust				46. Sign into work area			
7. Gloves				27. No Visible Pools of Liquid				47. Sign out of work area			
Inspection				28. No condensation				48. Entry into Supervisors Log			
8. Enter all Spaces				29. All Isolation Barriers intact				49. Detail Findings			
9. Inspect at Close Range				Regulated Abatement Work Area				50. Enter Full Name			
Areas to Inspect				30. No Visible Pools of Liquid				51. Enter AH Cert. Number			
10. Permanent Fixtures				31. No condensation				52. Worker Present			
11. Light Fixtures				32. All Criticals intact							
12. Ductwork				33. All Isolation Barriers Intact							
13. Elevated Horizontal Surfaces				34. No Unremoved Materials							
14. Pipes				35. No Visible Debris							
15. Ceiling Grids/Sprinkler Heads				36. No Visible Dust							
16. Conduits				37. Examine Contractor Equipment							
17. Houseman Channels				38. Negative Air in Operation							
18. Floor and Wall Penetrations				39. No Debris or Water under Plastic							
19. Creases & Folds in Criticals				40. Completeness of Abatement**							
20. Walls & Corners				41. Completeness of Clean-up**							
21. Floors											

Inspection requires a project monitor review of a written scope of work prior to the visual inspection to assure completeness of abatement and clean up.

Deficiencies, Corrections or notes Briefly list all deficiencies and target compliance dates

1.
2.
3.
4.

Verbal Scope of Work (any verbal scope of work supplied by the contractor must be written below, if materials within the regulated are to remain also state this).

Supervisors Signature _____ Date _____

Project Monitor Signature MATT POPEN Date _____

PASS ☒ Area Cleared to proceed with Clearance Airs FAIL ☐ Area needs Reclean and Reinspection

This report represents the condition of the above mentioned site at the time and date the observations were made.
 Inspection performed by certified project monitor, scope does not include full project monitoring responsibilities as defined by 12 NYCRR Part 56-3.2(d)(8).
 Inspection was performed in accordance with 12NYCRR 56-9.1(d) & (d)(1) and ASTM document E-1386-05, (8.4.1 & 8.4.5). Visual inspections do not include inspections behind, under or above critical or isolation barriers. This inspection is the responsibility of the asbestos abatement's supervisor under subpart 56-9.3 of ICR-56.

Copy delivered to: _____ On Date: _____ By: _____
 FVI form

White - Envoy / Paradigm Yellow - LiRo Pink - Contractor

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒

Air Technician: ☒

Date:

1-8-10

Job Ticket #:

36138

Building / Location:

McCurdys

Work Area:

6D

Shift

(A)

B

C

Project Description

ESDC

Client / Owner (Print Name)

BEI

Client / Owner Representative (Print Name)

John

Client Contact (Print Name)

Mark

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☒

Phase IIB ☐

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☒

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

TRANS. / RE

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check

2nd Check

3rd Check

4th Check

5th Check

Time of air sampling pump check

Notes

ON SITE 0700

Set up @ 0845

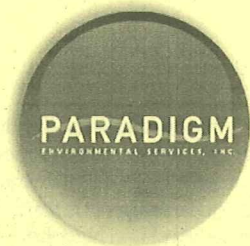
broke down @ 1055

samples to lab

very dusty from demo in area.

Air Technician Signature

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

0402-10

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket #

36138 SM 1-9-10

Empire State Development Corporation

Client

McCurdys

Building/Location

BEI

Contractor

69

Rotometer #

Work Area

Contractor Contact

Cassette Lot #

Client Contact

Mark S. Math P

Air Technician

Client Contact Phone

734-4528

Air Technician Phone

Fax Results To:

Fax #

Transit / R

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☒

Phase IIB ☐

Phase IIC ☐

Phase IIC ☐

*

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	06	07	08	09	010		B1	B2				
Pre-Calibrated Flow Rate	3	3	3	3	3							
Post-Calibrated Flow Rate	3	3	3	3	3							
Average Flow Rate	3	3	3	3	3							
Start Time Military Time	0815	0840	0840	0840	0843							
End Time Military Time	1045	1055	1055	1055	1049							
Duration (Minutes)	130	135	135	135	126							
Sample Volume (Liters)	450	405	405	405	378							

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	755	756	757	758	759	760	761					
Fibers/100 Fields:	7.5	6.5	6.5	8	2	0	0					
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01							

Samples Relinquished By:

M. H. C. Py

Date:

1-8-10

Received in Lab By:

SM

Date:

1-9-10

Analyzed By:

J

Date:

1-10-10

Microscope Make, Model & #:

221113

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments: 06 - remote decan sample same as area 6c because decan was used for both areas today.

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ Math Pofen

Air Technician: ☒ Math Pofen

Date: 1-15-10

Job Ticket #: 36145

Building / Location: McCurdy's

Work Area: 6D

Shift ☒ A ☐ B ☐ C

Project Description

ESDL

Mark's

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

BEI

John

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☒

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

RE / transit windows

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check

2nd Check

3rd Check

4th Check

5th Check

Time of air sampling pump check

Notes

on site 0700

cal/set up 0900

broke down 1300

to lab.



Air Technician Signature

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

0806-10

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket #

36145 SM 1-15-10

Empire State Development Corporation

Client

McCordys

Building/Location

BEI

Contractor

64

Rotometer #

61D

Work Area

John

Contractor Contact

Cassette Lot #

Marks

Client Contact

Client Contact Phone

Math

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Transfer, RI

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

*

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	06	07	08	09	010	011	012		B1	B2		
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3					
Post-Calibrated Flow Rate	3	3	3	3	3	3	3					
Average Flow Rate	3	3	3	3	3	3	3					
Start Time Military Time	0900	0900	0901	0902	0904	0902	0905					
End Time Military Time	1300	1300	1301	1302	1304	1302	1305					
Duration (Minutes)	240	240	240	240	240	240	240					
Sample Volume (Liters)	720	720	720	720	720	720	720					

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	5545	5546	5547	5548	5549	5550	5551		5552	5553		
Fibers/100 Fields:	18	10.5	11.5	15.5	3.5	19	3		0	0		
Fibers/cc:	.012	2.01	2.01	.010	1.01	.012	2.01		N/A	N/A		

Samples Relinquished By:

MALC

Date:

1-15-10

Received in Lab By:

SM

Date:

1-15-10

Analyzed By:

SM

Date:

1-16-10

Microscope Make, Model & #:

221113

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

Verbal to Math. SM 1-16-10 2:00pm

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ Matt Popen
Air Technician: ☒ Matt Popen

Date: 1-16-10

Job Ticket #: 36641

Building / Location: McCurdy's

Work Area: 6D

Shift (A) B C

Project Description

ESDL

Mark

Client / Owner (Print Name)

BEI

Client / Owner Representative (Print Name)

John

Client Contact (Print Name)

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

Map Completed

Rotometer Number

Date of Last Calibration

Project Phase	Phase IB <input type="checkbox"/>	Phase IIA <input type="checkbox"/>	Phase IIB <input type="checkbox"/>	Phase IIC <input type="checkbox"/>	Phase IIC <input checked="" type="checkbox"/>
	Backgrounds	Work Preparation samples	Asbestos Handling Samples	Final Cleaning Samples	Clearance Air Samples
	Class I <input checked="" type="checkbox"/>	Class II <input type="checkbox"/>	Large <input checked="" type="checkbox"/>	Small <input type="checkbox"/>	Minor <input type="checkbox"/>

Job Type

PI, transite, windows

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check

2nd Check

3rd Check

4th Check

5th Check

Time of air sampling pump check

Notes

on site 0830

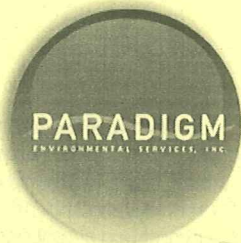
set up 0900

broke down 1100

to lab.

Air Technician Signature

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

0819-10

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket #

366411 SM 1-16-10

Empire State Development Corporation

Client

McCordys

6D

Building/Location

BEI

Work Area

John

Contractor

69

Contractor Contact

Client Contact

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Rotometer #

Cassette Lot #

Materials to be Removed

Project

Phase

Phase IB ☐

Backgrounds

Phase IIA ☐

Work Area Preparation

Phase IIB ☐

Asbestos Handling

Phase IIC ☐

Final Cleaning

Phase IIC ☒

Clearance Airs

* Env. ☐

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	I1	I2	I3	I4	I5	O6	O7	O8	O9	O10	B1	B2
Pre-Calibrated Flow Rate	S	S	S	S	S	S	S	S	S	S		
Post-Calibrated Flow Rate	S	S	S	S	S	S	S	S	S	S		
Average Flow Rate	S	S	S	S	S	S	S	S	S	S		
Start Time Military Time	0900	0900	0900	0901	0901	0903	0903	0904	0904	0905		
End Time Military Time	1100	1100	1100	1101	1101	1103	1103	1104	1104	1105		
Duration (Minutes)	120	120	120	120	120	120	120	120	120	120		
Sample Volume (Liters)	600	600	600	600	600	600	600	600	600	600		

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	6068	6069	6070	6071	6072	6073	6074	6075	6076	6077	6078	6079
Fibers/100 Fields:	10	5.5	5.5	4	8	5	4	7	7	4	0	0
Fibers/cc:	2.01	4.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	NIA	NIA

Samples Relinquished By:

Date:

Received in Lab By:

Date:

Analyzed By:

Date:

Microscope Make, Model & #:

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

Verbal to Math. SM 1-16-10 3:01pm

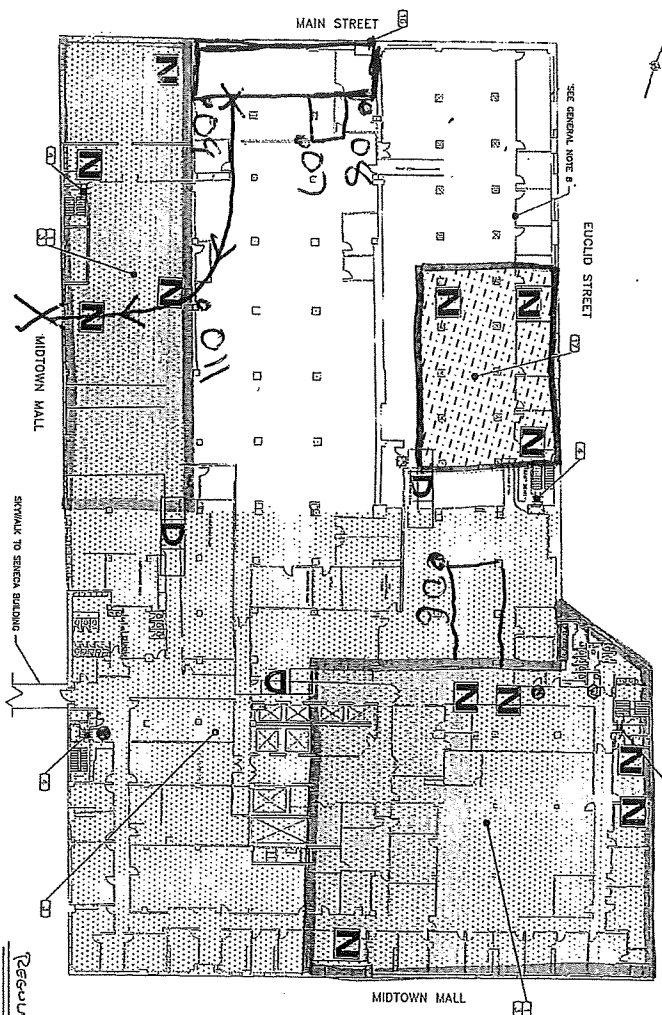
White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

6D Large tent II B



6TH FLOOR ASBESTOS ABATEMENT SCHEDULE



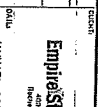
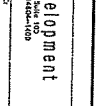
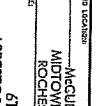
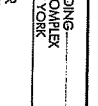

ASBESTOS CONTAINING MATERIAL TO BE REMOVED AND DISPOSED	QUANTITY
SPRAY-ON FIREPROOFING	5,000 SF
CEILING SYSTEMS	41,800 SF
ACROUSTIC TILE	4,000 SF
PIPE INSULATION	4,000 SF
WALLS	4,000 SF
WINDOWS	4,000 SF
WASTE FROM 1X1 CEILING TILES	4,000 SF

LEGEND:
 REMOVAL AREAS
 6-1 13,700 SF
 6-4 4,600 SF
 6-7 5,000 SF

WARNING:
 IT IS A VIOLATION OF SECTION 205A, SUBSECTION 1, OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW TO knowingly or recklessly release any asbestos-containing material into the atmosphere. It is also a violation of the same law to knowingly or recklessly release any asbestos-containing material into the atmosphere of a building or structure. Any person who violates this law shall be liable for a civil penalty of not less than \$5,000 and not more than \$25,000, or imprisonment for not less than 6 months and not more than 5 years, or both such penalty and imprisonment, at the discretion of the court. Any person who violates this law shall also be liable for the costs of any investigation and removal of asbestos-containing material from the building or structure. Any person who violates this law shall also be liable for the costs of any investigation and removal of asbestos-containing material from the building or structure.

REVISIONS:

NO.	DATE	DESCRIPTION
1	1/20/09	BD DOCUMENTS

DESIGNER:       

DATE: JANUARY 2008

SCALE: 1" = 20'

PROJECT: **Emmie Stein Development**
 6TH FLOOR
 ASBESTOS ABATEMENT PLAN

MB-A8

GENERAL NOTES:

1. THE INFORMATION IN THESE DRAWINGS ARE FOR GUIDANCE PURPOSES ONLY. THEY MAY NOT BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN CONSENT OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
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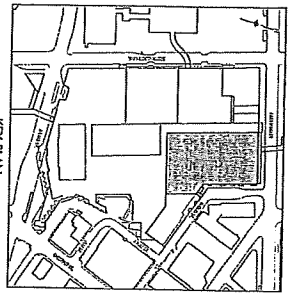
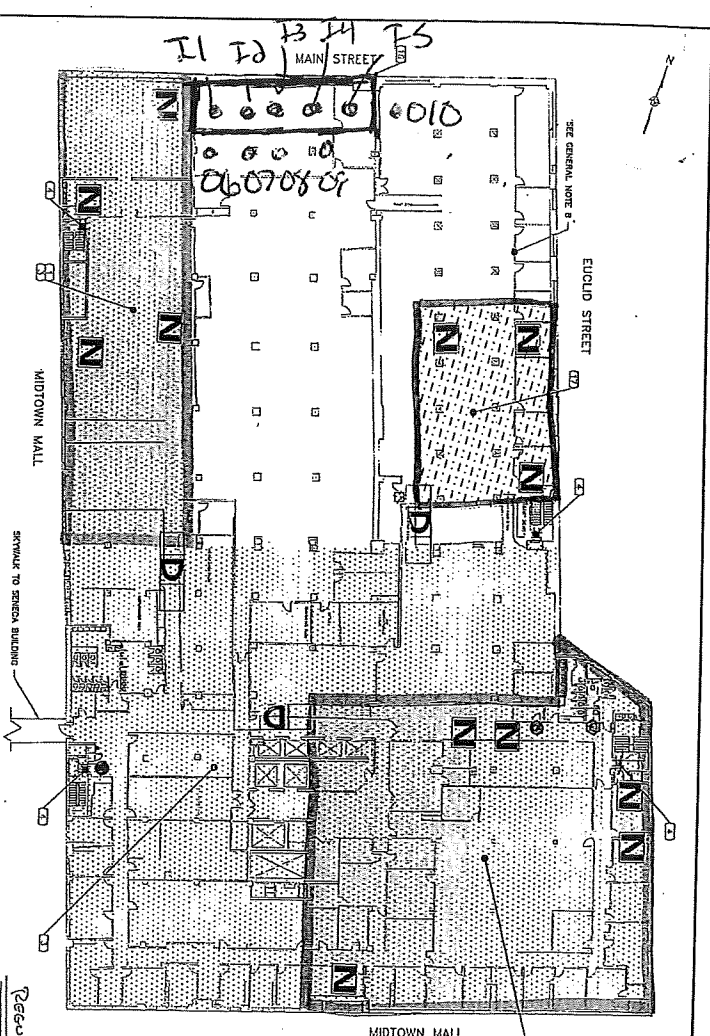
ASBESTOS ABATEMENT NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
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6D II C final

1-16-10

-Pass



ABATEMENT CATEGORY	QUANTITY
CEILING REMOVAL	59,600 SF
CEILING SCULPTURE	41,800 SF
FIRE DOORS	41,800 SF
WALLING MATERIAL	600 SF
PIPE INSULATION	500 SF
WINDUP COILS	4 EACH
WINDUP COILS	8 EACH
MATERIAL FROM 11A CEILING TILES	4,500 SF

LEGEND:
PPE CHARGE

6-1 13,700 SF
6-4 4,600 SF
6-7 5,000 SF

Regulation Areas

WARNING: THIS ASBESTOS ABATEMENT PROJECT IS BEING PERFORMED IN ACCORDANCE WITH THE NEW YORK STATE ASBESTOS ABATEMENT ACT AND THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION'S ASBESTOS ABATEMENT REGULATIONS. IF YOU ARE A RESIDENT OF THE AREA, YOU SHOULD BE ADVISED THAT THE ASBESTOS ABATEMENT PROJECT IS BEING PERFORMED IN ACCORDANCE WITH THE NEW YORK STATE ASBESTOS ABATEMENT ACT AND THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION'S ASBESTOS ABATEMENT REGULATIONS.

NO.	DATE	REVISIONS
1	1/20/08	BD DOCUMENTS
		DESCRIPTION

ASBESTOS ABATEMENT PROJECT

PROJECT LOCATION: 6TH FLOOR, MIDTOWN PLAZA COMPLEX, ROCHSTER, NEW YORK

PROJECT NO.: MB-A8

DATE: JANUARY 2008

SCALE: 1" = 20'

DESIGNED BY: M.A.W.

CHECKED BY: M.A.W.

DATE: JANUARY 2008

SCALE: 1" = 20'

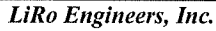
PROJECT NO.: MB-A8

GENERAL NOTES:

1. THE INFORMATION IN THESE DRAWINGS AND VERTICAL DIMENSIONS PURPOSE ONLY. THEY MAY NOT REPRESENT ACTUAL AS-BUILT CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE INFORMATION PROVIDED IN THE PLAN SHEETS WITH THE EXISTING CONDITIONS.
2. THE CHANGES ARE SHOWN AT APPROPRIATE LOCATIONS. NOT ALL PPE CHARGES ARE SHOWN. OTHER PPE CHARGES, OR AS DIRECTED BY THE PROJECT MANAGER, SHALL BE INCLUDED IN THE CONTRACTOR'S BIDDING PRICE.
3. ALL BUILDING BUILDING MATERIALS, INTERIOR COMPONENTS, DEBRIS, AND ALL ITEMS LEFT BY THE CONTRACTOR SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. NOT ALL ITEMS ARE SHOWN.
4. THE CONTRACTOR SHALL PROVIDE A LISTED ASBESTOS REMOVAL CONTRACTOR TO REMOVE, DECONTAMINATE AND DISPOSE OF ALL ASBESTOS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR THE REMOVAL OF ALL ASBESTOS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL ASBESTOS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL ASBESTOS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL ASBESTOS.
5. ALL TEMPORARY ELECTRICAL PANELS AND WIRING REQUIRED BY THE CONTRACTOR SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. NOT ALL ITEMS ARE SHOWN.
6. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CEILING MATERIALS AND DEBRIS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL CEILING MATERIALS AND DEBRIS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL CEILING MATERIALS AND DEBRIS.
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ASBESTOS ABATEMENT NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL ASBESTOS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL ASBESTOS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL ASBESTOS.
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TASK:PM On site

[illegible]



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Matt Popen

DATE: 1-15-10

Contract #

Liro Job #:

HOURS: 0700-1530

TASK: PM On site

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



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Matt Popen

DATE: 1-16-10

Contract #

Liro Job #:

HOURS: 0830-1430

TASK: PM On site

TIME

ACTIVITY *McCurdy's Bldg.*

0830

On site. Began leaf blowing area 6D.

0900

Set up samples in 6D.

1100

Broke down samples in 6D.

1130

Leaf blew small tent A and set up air samples for this areas as well as both minor areas.

1330

Broke down samples for tent A and both minors.

1430

Finished paper work and brought samples to the lab.

Envoy Environmental Consultants Inc.

Empire State Development

Project Monitor Visual Inspection Report



As per 12NYCRR Part 56 amended January 11, 2006

Building & Location: McCurdys 216 D

Job Ticket # 36145

Project Description

Work Area

ESDC

Mark Smith

PROJECT # 09-1080

Client/Owner (Print Name)

Client/Owner Representative (print name)

BEI

X John A. Brooks

9307447

Abatement Contractor:

Supervisor (print name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

Supervisors Visual Inspection Completed?

Supervisor Completing Visual Inspection (print name)

NYSDOL Asbestos Handling Certificate Number

Date

Matt Popen

08-10392

1-15-10

Site Emergency Phone:

Job Type: Class I ☒ Class II ☐ P.I., transite, window glaze.

Job Size: Large ☒ Small ☐ Material

Sq Ln Ft

Project Monitor Visual Inspection Checklist

Project with Multiple Removals ☐

Section A	Section B	Section C
Inspectors Checklist	Visual Inspection	Procedures/ Paperwork
SAT	SAT	SAT
Needs Action	Needs Action	Needs Action
N/A	N/A	N/A
Equipment 1. Flashlight <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 2. Knife or pointed object <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 3. Respirator <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 4. Hard Hat <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 5. Safety Glasses <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 6. Tyvek Suit <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 7. Gloves <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Inspection 8. Enter all Spaces <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 9. Inspect at Close Range <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Areas to Inspect 10. Permanent Fixtures <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 11. Light Fixtures <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 12. Ductwork <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 13. Elevated Horizontal Surfaces <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 14. Pipes <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 15. Ceiling Grids/Sprinkler Heads <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 16. Conduits <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 17. Hauserman Channels <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 18. Floor and Wall Penetrations <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 19. Creases & Folds in Criticals <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 20. Walls & Corners <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 21. Floors <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Personal Decontamination Unit 22. Clean & Free of Debris & Dust <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 23. No Visible Pools of Liquid <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 24. No condensation <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 25. All Isolation Barriers intact <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Waste Decontamination Unit 26. Clean & Free of Debris & Dust <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 27. No Visible Pools of Liquid <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 28. No condensation <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 29. All Isolation Barriers intact <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Regulated Abatement Work Area 30. No Visible Pools of Liquid <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 31. No condensation <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 32. All Criticals intact <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 33. All Isolation Barriers Intact <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 34. No Unremoved Materials <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 35. No Visible Debris <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 36. No Visible Dust <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 37. Examine Contractor Equipment <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 38. Negative Air in Operation <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 39. No Debris or Water under Plastic <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 40. Completeness of Abatement** <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 41. Completeness of Clean-up** <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Paperwork & Procedures 42. Written Scope of Work (attached) <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 43. Verbal Scope of Work (see below) <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 44. Supervisor Present <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 45. Wait period observed <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Paperwork & Procedures 46. Area Asbestos Survey <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 47. Sign into work area <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 48. Sign out of work area <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 49. Entry into Supervisors Log <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 50. Detail Findings <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 51. Enter Full Name <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 52. Enter AH Cert. Number <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 53. Worker Present <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Inspection requires a project monitor review of a written scope of work prior to the visual inspection to assure completeness of abatement and clean up.

Deficiencies, Corrections or notes

Briefly list all deficiencies and target compliance dates

1.
2.
3.
4.

Verbal Scope of Work (any verbal scope of work supplied by the contractor must be written below, if materials within the regulated area to remain also state this).

Supervisors Signature <u>X [Signature]</u>	Date <u>1-15-10</u>
Project Monitor Signature <u>[Signature]</u>	Date <u>1-15-10</u>
PASS <input checked="" type="checkbox"/> Area Cleared to proceed with Clearance Airs FAIL <input type="checkbox"/> Area needs Reclean and Reinspection	

This report represents the condition of the above mentioned site at the time and date the observations were made. Inspection performed by certified project monitor, scope does not include full project monitoring responsibilities as defined by 12 NYCRR Part 56-3.2(d)(8). Inspection was performed in accordance with 12NYCRR 56-9.1(d) & (d)(1) and ASTM document E-1386-05, (8.4.1 & 8.4.5). Visual inspections do not include inspections behind, under or above critical or isolation barriers. This inspection is the responsibility of the asbestos abatement's supervisor under subpart 56-9.3 of ICR-56.

Copy delivered to:

On Date:

By:

FVI form

White - Envoy / Paradigm Yellow - LiRo Pink - Contractor

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ Matt Popen
Air Technician: ☒

Date: 1-19-10

Job Ticket #: 36141

Building / Location: MC Curly's

Work Area: 6E

Shift (A) B C

Project Description

ESDC

Mark

Client / Owner (Print Name)

BEI

Client / Owner Representative (Print Name)

John

Client Contact (Print Name)

Abatement Contractor (Print Name)

Yes ☒ No ☐

Abatement Supervisor (Print Name)

69

NYSDOL Asbestos Handling Certificate Number

Map Completed

Botometer Number

Date of Last Calibration

Project Phase	Backgrounds	Work Preparation samples	Asbestos Handling Samples	Final Cleaning Samples	Clearance Air Samples
Phase IB	<input type="checkbox"/>	Phase IIA <input checked="" type="checkbox"/>	Phase IIB <input type="checkbox"/>	Phase IIC <input type="checkbox"/>	Phase IIC <input type="checkbox"/>
Class I	<input checked="" type="checkbox"/>	Class II <input type="checkbox"/>	Large <input checked="" type="checkbox"/>	Small <input type="checkbox"/>	Minor <input type="checkbox"/>

Job Type

PI, ft

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check

2nd Check

3rd Check

4th Check

5th Check

Time of air sampling pump check

Notes

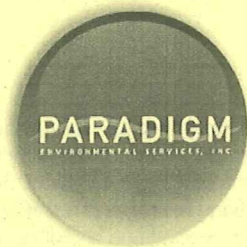
on site 0700

set up 0740

knock down 1040

Air Technician Signature

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job # 1022-10

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket # 36147 SM 1-20-10

Empire State Development Corporation

Client McCurdys 6E
Building/Location BE Work Area John
Contractor GS Contractor Contact
Rotometer # Cassette Lot #

marks.
Client Contact Math Client Contact Phone
Air Technician Air Technician Phone
Fax Results To: PI, Ft Fax #
Materials to be Removed

Project Phase ☒ Phase IB ☐ Phase IIA ☒ Phase IIB ☐ Phase IIC ☐ Phase IIC ☐ Env. ☐
Backgrounds Work Area Preparation Asbestos Handling Final Cleaning Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	06	07	08	09	010		B1	B2				
Pre-Calibrated Flow Rate	3	3	3	3	3							
Post-Calibrated Flow Rate	3	3	3	3	3							
Average Flow Rate	3	3	3	3	3							
Start Time Military Time	0740	0740	0741	0741	0744							
End Time Military Time	1040	1040	1041	1041	1044							
Duration (Minutes)	180	180	180	180	180							
Sample Volume (Liters)	540	540	540	540	540							

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	120	121	122	123	124		125	126				
Fibers/100 Fields:	26.5	18	18	20	7.5		0	0.5				
Fibers/cc:	.024	.016	.016	.018	2.01		N/A	N/A				

Samples Relinquished By: <u>M. H. C</u>	Date: 1-19-10
Received in Lab By: <u>SM</u>	Date: 1-20-10
Analyzed By: <u>SM</u>	Date: 1-20-10
Microscope Make, Model & #: <u>201113</u>	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments:

Left wicemall for Matt. SM 1-20-10 12:16pm

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ Matt Popen
Air Technician: ☒ Matt Popen

Date: 1-20-10

Job Ticket #: 36148

Building / Location: McCurdy's

Work Area: 6E

Shift ☒ A ☐ B ☐ C

Project Description

ESDC

Client / Owner (Print Name)

BEI

Client / Owner Representative (Print Name)

John

Client Contact (Print Name)

Mark

Abatement Contractor (Print Name)

Yes ☒ No ☐

Abatement Supervisor (Print Name)

69

NYSDOL Asbestos Handling Certificate Number

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB <input type="checkbox"/>	Phase IIA <input type="checkbox"/>	Phase IIB <input checked="" type="checkbox"/>	Phase IIC <input type="checkbox"/>	Phase IIC <input type="checkbox"/>	
Project Phase	Backgrounds	Work Preparation samples	Asbestos Handling Samples	Final Cleaning Samples	Clearance Air Samples
Class I <input checked="" type="checkbox"/>	Class II <input type="checkbox"/>	Large <input checked="" type="checkbox"/>	Small <input type="checkbox"/>	Minor <input type="checkbox"/>	

Job Type

PI

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check

2nd Check

3rd Check

4th Check

5th Check

Time of air sampling pump check

Notes

on site 0700

set up 0730

broke down 1700

to lab.

Air Technician Signature

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

1086-10

Job Ticket #

36148

SM

1-21-10

Empire State Development Corporation

Client

Mc Curdys

6E

Building/Location

BE

Work Area

John

Contractor

69

Contractor Contact

Rotometer #

Cassette Lot #

Marks

Client Contact

Client Contact Phone

Math

Air Technician

Air Technician Phone

Fax Results To:

Fax #

PI

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

*

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	06	07	08	09	010	011	012	013		B1	B2	
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3				
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3				
Average Flow Rate	3	3	3	3	3	3	3	3				
Start Time Military Time	0725	0727	0725	0726	0727	0726	0728	0728				
End Time Military Time	1655	1657	1655	1656	1657	1656	1658	1658				
Duration (Minutes)	530	530	530	530	530	530	530	530				
Sample Volume (Liters)	1590	1590	1590	1590	1590	1590	1590	1590				

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	7634	635	636	637	638	639	640	641		642	643	
Fibers/100 Fields:	29	22	21	7	23	13	12			0	0	
Fibers/cc:	1.01	1.01	1.01	1.01	1.01	1.01	1.01			N/A	N/A	

Samples Relinquished By:	MHC	Date:	1-20-10
Received in Lab By:	SM	Date:	1-21-10
Analyzed By:	SM	Date:	1-21-10
Microscope Make, Model & #:	221113	Turn-around Time	Immed. 24 Hr. 48 Hr.

Comments:

Left voicemail for Math, SM 1-21-10 4:30PM

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ Matt Popen

Date: 1-21-10

Job Ticket #: 36149

Building / Location: McCordys

Work Area: 6E

Shift (A) B C

Project Description

ESDC

Mark

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

BEI

John

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

69

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☒

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☒

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

PI

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check

2nd Check

3rd Check

4th Check

5th Check

Time of air sampling pump check

Notes

on site 0700

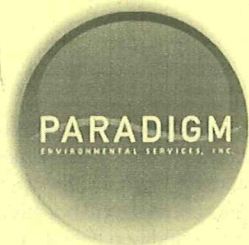
Call set up @ 0730

break down 1700

to lab

Air Technician Signature

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

1146-10

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket #

36149

Empire State Development Corporation

Client

McCurdys

Building/Location

6E

Work Area

Contractor

Contractor Contact

Rotometer #

Cassette Lot #

Client Contact

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☒

Phase IIC ☐

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	06	07	08	09	010	011	012	013		B1	B2	
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3				
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3				
Average Flow Rate	3	3	3	3	3	3	3	3				
Start Time Military Time	0730	0735	0730	0731	0733	0731	0734	0734				
End Time Military Time	1700	1705	1700	1701	1703	1701	1704	1704				
Duration (Minutes)	530	530	530	530	530	530	530	530				
Sample Volume (Liters)	1590	1590	1590	1590	1590	1590	1590	1590				

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	8053	054	055	056	057	058	059	060		061	062	
Fibers/100 Fields:	29.5		37.5	13		12.5	21			1	0	
Fibers/cc:	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01		N/A	N/A	

Samples Relinquished By:

Date:

1-21-10

Received in Lab By:

Date:

1/22/10

Analyzed By:

Date:

1-22-10

Microscope Make, Model & #:

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

Verbal to Math SM 1-22-10 4:01pm

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ Matt Popen

Date: 1-23-10

Job Ticket #: 36153

Building / Location: McCurdy's

Work Area: 6E

Shift ☒ A ☐ B ☐ C

Project Description

ESDC

Mark

Client / Owner (Print Name)

BEI

Client / Owner Representative (Print Name)

Rich

Client Contact (Print Name)

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☐

Phase IIC ☒

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☒

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

RI

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check

2nd Check

3rd Check

4th Check

5th Check

Time of air sampling pump check

Notes

on site 0700

set up @ 1100

broke down @ 1300

to 1445

Air Technician Signature

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

1232-10

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket #

36153 SM 1-23-10

Empire State Development Corporation

Client

McCordys

Building/Location

BEI

Contractor

69

Rotometer #

Work Area

Rich

Contractor Contact

Cassette Lot #

Client Contact

marks
math?

Air Technician

Fax Results To:

PI

Client Contact Phone

Air Technician Phone

Fax #

Materials to be Removed

Project

Phase

Phase IB ☐

Backgrounds

Phase IIA ☐

Work Area Preparation

Phase IIB ☐

Asbestos Handling

Phase IIC ☐

Final Cleaning

Phase IIC ☒

Clearance Airs

* Env. ☐

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	I1	I2	I3	I4	I5	06	07	08	09	010	B1	B2
Pre-Calibrated Flow Rate	5	5	5	5	5	5	5	5	5	5		
Post-Calibrated Flow Rate	5	5	5	5	5	5	5	5	5	5		
Average Flow Rate	5	5	5	5	5	5	5	5	5	5		
Start Time Military Time	1100	1100	1100	1101	1101	1104	1104	1105	1105	1106		
End Time Military Time	1300	1300	1300	1301	1301	1304	1304	1305	1305	1306		
Duration (Minutes)	120	120	120	120	120	120	120	120	120	120		
Sample Volume (Liters)	600	600	600	600	600	600	600	600	600	600		

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	8741	742	743	744	745	746	747	748	749	750	751	752
Fibers/100 Fields:	9	7.5	5	12.5	13	12.5	7	9	18	1	0	0
Fibers/cc:	2.01	2.01	2.01	0.010	0.010	0.010	2.01	2.01	0.014	2.01	N/A	N/A

Samples Relinquished By:

M.H. *[Signature]*

Date:

1-23-10

Received in Lab By:

SM *[Signature]*

Date:

1-23-10

Analyzed By:

SM *[Signature]*

Date:

1-23-10

Microscope Make, Model & #:

221113

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

Verbois to Math. SM 1-23-10 4:06 PM

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ Matt Pafen

Date: 1-24-10

Job Ticket #: 36152

Building / Location: McCurdy's

Work Area: 6E

Shift (A) B C

Project Description

ESDCL

Mark

Client / Owner (Print Name)

BEI

Client / Owner Representative (Print Name)

Rich

Client Contact (Print Name)

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

68

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☐

Phase IIC ☒

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☒

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

PI

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check

2nd Check

3rd Check

4th Check

5th Check

Time of air sampling pump check

Notes

on site 0800

set up

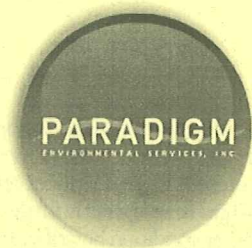
1013

broke down @ 1230

to 1013.

Air Technician Signature

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

1234-10

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket #

36152

Empire State Development Corporation

Client

McClordys

Building/Location

BE1

Contractor

69

Rotometer #

Work Area

RICH

Contractor Contact

Cassette Lot #

Client Contact

marks
matt

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☐

Phase IIC ☒

*

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	I1	I2	I3	I4	I5	O6	O7	O8	O9	O10	B1	B2
Pre-Calibrated Flow Rate	S	S	S	S	S	S	S	S	S	S		
Post-Calibrated Flow Rate	S	S	S	S	S	S	S	S	S	S		
Average Flow Rate	S	S	S	S	S	S	S	S	S	S		
Start Time Military Time	1015	1015	1015	1016	1016	1018	1018	1019	1019	1020		
End Time Military Time	1230	1230	1230	1231	1231	1233	1233	1234	1234	1235		
Duration (Minutes)	135	135	135	135	135	135	135	135	135	135		
Sample Volume (Liters)	675	675	675	675	675	675	675	675	675	675		

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	8761	762	763	764	765	766	767	768	769	770	771	772
Fibers/100 Fields:	6	7.5	9	6.5	5.5	10	11	9.5	8.5	9	0	0
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		

Samples Relinquished By:	Date: 1-24-10
Received in Lab By:	Date: 1-24-10
Analyzed By:	Date: 1-24-10
Microscope Make, Model & #:	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments:

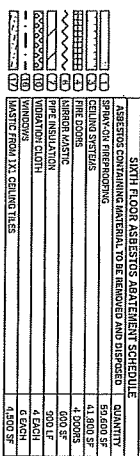
White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

* Old's on roof



SIXTH FLOOR ASBESTOS ABATEMENT SCHEDULE	
ASBESTOS CONTAINING MATERIAL TO BE REMOVED AND DISPOSED	QUANTITY
SPRINKLER FIREPROOFING	59,400 SF
CEILING SYSTEMS	41,800 SF
FIRE DOORS	4 DOORS
ASBESTOS MASTIC	400 SF
PIPE INSULATION	900 LF
WATERFLOO CLOTH	4 EACH
WINDOWS	6 EACH
MASTIC FROM 11C CEILING TIES	4,500 SF

LEGEND:
PIPE CHASE

6-3 19,200 SF
6-5 35 SF

ASBESTOS ABATEMENT NOTES:

- [illegible]

WARNING:

IT IS A VIOLATION OF SECTION 7508, SUBSECTION 6, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON OTHER THAN THE SIGNER TO SIGN OR ALTER THIS DRAWING, TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING, IF AN ITEM IS ALTERED, THE ALTERNATE THEREON SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY FOLLOWED BY THE SIGNATURE AND THE DATE OF SUCH ALTERATION," AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NO.	DATE	DESCRIPTION
1	1/20/09	ADD DOCUMENTS
REVISIONS		

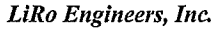


RECORDED BY	M.J.W.
CHICKED BY	R.F.K.
SHAWN D.D.	A.M.K.

EmpireState Development
400 Madison Avenue, Suite 100
Pasadena, NY 10604-1400
Phone: 212-692-1000

McGURDY'S BUILDING
MIDTOWN PLAZA COMPLEX
ROCHESTER, NEW YORK
6TH FLOOR
ASBESTOS ABATEMENT PLAN

UNIT 202 RD :
08-21-104
ELECT 8 9
FIDELITY NO.
MB-A8/



TASK:PM On site

[illegible]



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Matt Popen

DATE: 1-20-10

Contract #

Liro Job #:

HOURS: 0700-1730

TASK: PM On site

TIME

ACTIVITY McCurdy's Bldg. 4B 6E

0700

On site, cal and set up pumps for 4B and 6E.

0800

Spoke with Vtec, tent B on 6 is almost finished. 6E is getting under way, should be done tomorrow. 17 demo workers today, 12 on 5th, 1 cleans, 4 in sub basement. Vtec has 8 workers in 4B, 4 in 6E, 3 in tent B, 4 on 5th beginning exploratory demo on plaster ceilings.

0930

Vtec has requested a FVI for 4B for tomorrow. I walked the floors and observed demo of plaster ceilings on 5th floor. Tent B on 6 is done and looks good. FVI today.

1200

I have been observing the exploratory demo on 5. much of the ceiling system area has no pipes or plaster. I spoke with Ted and Darryl about progress.

1400

Walked Rich around the building to catch him up on progress as he has been away for a week. Told Vtec to fix a loose critical in 6E. got a call from the lab, inside the building air samples continue to come back over loaded from all of the dust.

1530

While plywood floors were being removed on 5, 9x9 brown floor tiles were discovered underneath. These tiles will need to be tested.

1730

In containment 4B from 1530 to 1600, final clean coming along nicely, they are now mopping the floor. Collected all samples, brought to lab.



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Matt Popen

DATE: 1-23-10

Contract #

Liro Job #:

HOURS: 0700-1500

TASK: PM On site

TIME

ACTIVITY McCurdy's Bldg.

0700

Arrived on site and began the leaf blow in 4B.

0800

Set up 4b IIC.

0900

Leaf blow in 6E.

1000

Brown down 4B samples.

1030

Set up fans in 6E.

1100

Set up 6E IIC.

1130

Leaf blow Tent B on 6th floor.

1200

Set up fans and IIC in Tent B.

1300

Broke down 6E samples

1500

Brown down Tent B samples. Brought samples to lab



NAME: *Matt Popen*

DATE: 1-24-10

Contract #

Liro Job #:

HOURS:0800-1230

TASK:PM On site

[illegible]

Envoy Environmental Consultants Inc.

Empire State Development

Project Monitor Visual Inspection Report



As per 12NYCRR Part 56 amended January 11, 2006

Building & Location: McCurdys 6E Job Ticket # 36151

Project Description: ESDC Work Area: mark 5. PROJECT # 09-1080

Client/Owner (Print Name): BEI Client/Owner Representative (print name): Rich Rupertus NYSDOL Asbestos Handling Certificate Number: 09-07919

Abatement Contractor: BEI Supervisor (print name): Rich Rupertus NYSDOL Asbestos Handling Certificate Number: 09-07919

Yes ☒ No ☐ Supervisors Visual inspection Completed? Supervisor: Rich Rupertus NYSDOL Asbestos Handling Certificate Number: 08-10392 Date: 1-22-10

Project Monitor (Print Name): Matt Popen NYSDOL Asbestos Handling Certificate Number: 08-10392 Date: 1-22-10

Site Emergency Phone: _____

Job Type: Class I ☒ Class II ☐ PI, VAX

Job Size: Large ☒ Small ☐ Material: _____

Sq Ln Ft

Project Monitor Visual Inspection Checklist

Project with Multiple Removals ☐

Section A				Section B				Section C			
Inspectors Checklist				Visual Inspection				Procedures/ Paperwork			
Equipment				Personal Decontamination Unit				Paperwork & Procedures			
Not Required				Required to Pass				Required to Pass			
1. Flashlight	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	22. Clean & Free of Debris & Dust	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	42. Written Scope of Work (attached)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Knife or pointed object	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	23. No Visible Pools of Liquid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	43. Verbal Scope of Work (see below)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Respirator	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	24. No condensation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	44. Supervisor Present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Hard Hat	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	25. All Isolation Barriers intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	45. Wait period observed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Safety Glasses	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Waste Decontamination Unit				Paperwork & Procedures			
6. Tyvek Suit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Required to Pass				Not Required			
7. Gloves	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	26. Clean & Free of Debris & Dust	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	45. Area Asbestos Survey	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection				27. No Visible Pools of Liquid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	46. Sign into work area	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Enter all Spaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	28. No condensation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	47. Sign out of work area	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Inspect at Close Range	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	29. All Isolation Barriers intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	48. Entry into Supervisors Log	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Areas to Inspect				Regulated Abatement Work Area				Required to Pass			
Not Required				Required to Pass				Required to Pass			
10. Permanent Fixtures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	30. No Visible Pools of Liquid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	49. Detail Findings	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Light Fixtures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	31. No condensation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	50. Enter Full Name	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Ductwork	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	32. All Criticals intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	51. Enter AH Cert. Number	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Elevated Horizontal Surfaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	33. All Isolation Barriers Intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	52. Worker Present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Pipes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	34. No Unremoved Materials	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Ceiling Grds/Sprinkler Heads	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	35. No Visible Debris	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. Conduits	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	36. No Visible Dust	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Houseman Channels	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	37. Examine Contractor Equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Floor and Wall Penetrations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	38. Negative Air in Operation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. Creases & Folds in Criticals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	39. No Debris or Water under Plastic	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Walls & Corners	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40. Completeness of Abatement**	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Floors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	41. Completeness of Clean-up**	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Inspection requires a project monitor review of a written scope of work prior to the visual inspection to assure completeness of abatement and clean up.

Deficiencies, Corrections or notes

Briefly list all deficiencies and target compliance dates

1.
2.
3.
4.

Verbal Scope of Work (any verbal scope of work supplied by the contractor must be written below, if materials within the regulated area to remain also state this).

Supervisors Signature: <u>[Signature]</u>	Date: <u>1-22-10</u>
Project Monitor Signature: <u>[Signature]</u>	Date: <u>1-22-10</u>
PASS <input checked="" type="checkbox"/> Area Cleared to proceed with Clearance Airs	FAIL <input type="checkbox"/> Area needs Reclean and Reinspection

This report represents the condition of the above mentioned site at the time and date the observations were made.

Inspection performed by certified project monitor, scope does not include full project monitoring responsibilities as defined by 12 NYCRR Part 56-3.2(d)(8).

Inspection was performed in accordance with 12NYCRR 56-9.1(d) & (d)(1) and ASTM document E-1386-05, (8.4.1 & 8.4.5). Visual inspections do not include inspections behind, under or above critical or isolation barriers. This inspection is the responsibility of the asbestos abatement's supervisor under subpart 56-9.3 of ICR-56.

Copy delivered to:

On Date:

By:

FVI form

White - Envoy / Paradigm Yellow - LiRo Pink - Contractor

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒

Air Technician: ☒

Date: 1-25-10

Job Ticket #:

36154

Building / Location:

McCurdy's

Work Area:

GF

Shift

A

B

C

Project Description

ESDC

Client / Owner (Print Name)

BEI

Client / Owner Representative (Print Name)

Rich

Client Contact (Print Name)

Mark

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSOL Asbestos Handling Certificate Number

Yes ☒ No ☐

Map Completed

Rotometer Number

Date of Last Calibration

Project Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☐

Class II ☒

Large ☒

Small ☐

Minor ☐

Job Type

Blue dots

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check

2nd Check

3rd Check

4th Check

5th Check

Time of air sampling pump check

Notes

on site 0700

set up @ 1100

break down @ 1500

Air Technician Signature

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

1314-10

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket #

36154

Empire State Development Corporation

Client

McCurdys

6F

Building/Location

BE1

Work Area

RICH

Contractor

69

Contractor Contact

Client Contact

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Rotometer #

Cassette Lot #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☐

Phase IIC ☐

* Env. ☒

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	E1	E2	E3	E4	E5		B1	B2				
Pre-Calibrated Flow Rate	3											
Post-Calibrated Flow Rate	3											
Average Flow Rate	3											
Start Time Military Time	1108	1108	1109	1109	1104							
End Time Military Time	1508	1508	1509	1509	1504							
Duration (Minutes)	240	240	240	240	240							
Sample Volume (Liters)	720	720	720	720	720							

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	372	373	374	375	376		377	378				
Fibers/100 Fields:	23	17.5	17	10.5	3.5		0	0				
Fibers/cc:	.015	.011	.011	.011	6.01		N/A	N/A				

Samples Relinquished By:

Date:

Received in Lab By:

Date:

Analyzed By:

Date:

Microscope Make, Model & #:

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

verbals to Math. SM 1-27-10

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ Matt Popen
Air Technician: ☒

Date: 1-26-10

Job Ticket #: 36155

Building / Location: McCurdy's

Work Area: 6F

Shift (A) B C

Project Description

ESDC

marks

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

BEI

Rich

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

6F

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☐

Phase IIC ☒

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☐

Class II ☒

Large ☒

Small ☐

Minor ☐

Job Type

Mastic

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check

2nd Check

3rd Check

4th Check

5th Check

Time of air sampling pump check

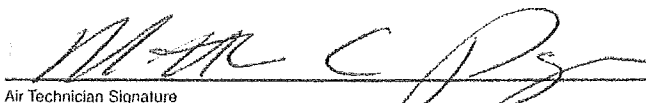
Notes

on site 0300

Call/set up @ 0515

broke down 0645

to lab.



Air Technician Signature

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

1299-10

Asbestos Air Monitoring Chain of Custody

Job Ticket #

36155

Meets NYCRR 56 amended January 11, 2006

Empire State Development Corporation

Client

McCurdy's

Building/Location

BE

Work Area

Rich

Contractor

69

Contractor Contact

Client Contact

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Rotometer #

Cassette Lot #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☐

Phase IIC ☒

* Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	I1	I2	I3	I4	I5	O6	O7	O8	O9	O10	B1	B2
Pre-Calibrated Flow Rate	7	7	7	7	7	7	7	7	7	7		
Post-Calibrated Flow Rate	7	7	7	7	7	7	7	7	7	7		
Average Flow Rate	7	7	7	7	7	7	7	7	7	7		
Start Time Military Time	0515	0515	0515	0516	0516	0517	0517	0517	0518	0518		
End Time Military Time	0645	0645	0645	0646	0646	0647	0647	0647	0648	0648		
Duration (Minutes)	90	90	90	90	90	90	90	90	90	90		
Sample Volume (Liters)	630	630	630	630	630	630	630	630	630	630		

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	9187	88	89	90	91	92	93	94	95	96	97	98
Fibers/100 Fields:	1	05	2	3	1	1.5	1	5	3	3	0	0
Fibers/cc:	20.01	20.01	20.01	20.01	20.01	20.01	20.01	20.01	20.01	20.01		

Samples Relinquished By: <i>M.R.C.P.</i>	Date: 1-26-10
Received in Lab By: <i>[Signature]</i>	Date: 1-26-10
Analyzed By: <i>[Signature]</i>	Date: 1-26-10
Microscope Make, Model & #: 221113	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments:

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Matt Popen

DATE: 1-26-10

Contract #

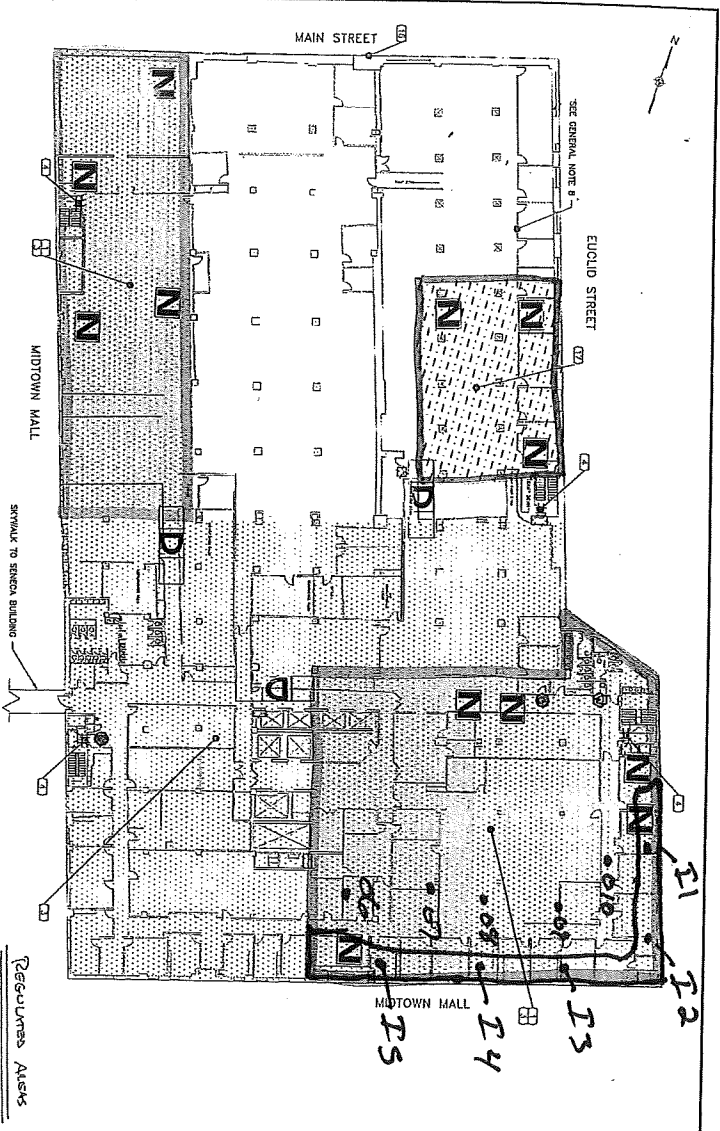
Liro Job #:

HOURS: 0300-1730

TASK: PM On site

mf

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



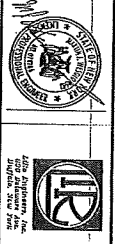
ASBESTOS ABATEMENT SCHEDULE	QUANTITY
SPRAY-ON FIBER GLASS INSULATION TO BE REMOVED AND DISPOSED	41,500 SF
CEILING REMOVAL	41,500 SF
FIRE DOORS	4 DOORS
INTERIOR WASTES	500 SF
PERIMETER INSULATION	500 SF
WINDING COILS	1,500 SF
WINDING COILS	1,500 SF
MASTIC FROM JLT CEILING TILES	4,500 SF

LEGEND:

- G-1 13,700 SF
- G-4 41,400 SF
- G-2 8,000 SF

WARNING:
IT IS A VIOLATION OF FEDERAL, STATE, AND LOCAL LAWS TO REMOVE OR DISPOSE OF ASBESTOS CONTAINING MATERIALS WITHOUT A LICENSED CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR THE PROTECTION OF THE PUBLIC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE PUBLIC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE PUBLIC.

REVISIONS	NO.	DATE	DESCRIPTION
1	1/20/00		END DOCUMENTS



Empire State Development
Midtown Building
6TH FLOOR
ASBESTOS ABATEMENT PLAN
MB-A8

GENERAL NOTES:
1. THE INFORMATION IN THESE DRAWINGS AND ALL INFORMATION HEREON IS FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE PUBLIC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE PUBLIC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE PUBLIC.

Scale: 0 10 20 40

Envoy Environmental Consultants Inc.

Empire State Development

Project Monitor Visual Inspection Report



As per 12NYCRR Part 56 amended January 11, 2006

Building & Location: McCurrys 6f

Job Ticket # 36134

Project Description
ESDC

Work Area
Marks

PROJECT # 09-1080

Client/Owner (Print Name)

Client/Owner Representative (print name)

BEI

Rich Rupertus

09-07919

Abatement Contractor:

Supervisor (print name)

NYSDOL Asbestos Handling Certificate Number

Rich Rupertus

09-07919

Yes ☒ No ☐

Supervisors Visual Inspection Completed?

Supervisor Completing Visual Inspection (print name)

NYSDOL Asbestos Handling Certificate Number

Date

Matt Popen

08-10392

1-25-10

Project Monitor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Date

Site Emergency Phone:

Job Type: Class I ☐ Class II ☒ Mastic

Job Size: Large ☒ Small ☐ Material

Sq Ln Ft

Project Monitor Visual Inspection Checklist

Project with Multiple Removals ☐

Section A	Section B	Section C
Inspectors Checklist	Visual Inspection	Procedures/ Paperwork
SAT	SAT	SAT
Needs Action	Needs Action	Needs Action
N/A	N/A	N/A
Equipment 1. Flashlight <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 2. Knife or pointed object <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 3. Respirator <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 4. Hard Hat <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 5. Safety Glasses <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 6. Tyvek Suit <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 7. Gloves <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Inspection 8. Enter all Spaces <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 9. Inspect at Close Range <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Areas to Inspect 10. Permanent Fixtures <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 11. Light Fixtures <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 12. Ductwork <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 13. Elevated Horizontal Surfaces <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 14. Pipes <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 15. Ceiling Grids/Sprinkler Heads <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 16. Conduits <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 17. Houseman Channels <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 18. Floor and Wall Penetrations <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 19. Creases & Folds in Criticals <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 20. Walls & Corners <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 21. Floors <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Personal Decontamination Unit 22. Clean & Free of Debris & Dust <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 23. No Visible Pools of Liquid <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 24. No condensation <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 25. All Isolation Barriers intact <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Waste Decontamination Unit 26. Clean & Free of Debris & Dust <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 27. No Visible Pools of Liquid <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 28. No condensation <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 29. All Isolation Barriers intact <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Regulated Abatement Work Area 30. No Visible Pools of Liquid <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 31. No condensation <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 32. All Criticals intact <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 33. All Isolation Barriers Intact <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 34. No Unremoved Materials <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 35. No Visible Debris <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 36. No Visible Dust <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 37. Examine Contractor Equipment <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 38. Negative Air in Operation <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 39. No Debris or Water under Plastic <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 40. Completeness of Abatement** <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 41. Completeness of Clean-up** <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Paperwork & Procedures 42. Written Scope of Work (attached) <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 43. Verbal Scope of Work (see below) <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 44. Supervisor Present <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 45. Wait period observed <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Paperwork & Procedures 46. Area Asbestos Survey <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 47. Sign into work area <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 48. Sign out of work area <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 49. Entry into Supervisors Log <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 50. Detail Findings <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 51. Enter Full Name <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 52. Enter AH Cert. Number <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 53. Worker Present <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Inspection requires a project monitor review of a written scope of work prior to the visual inspection to assure completeness of abatement and clean up.

Deficiencies, Corrections or notes

Briefly list all deficiencies and target compliance dates

1.
2.
3.
4.

Verbal Scope of Work (any verbal scope of work supplied by the contractor must be written below, if materials within the regulated area are to remain also state this).

Supervisors Signature

Date

1-25-10

Project Monitor Signature

Date

1-25-10

PASS ☒

Area Cleared to proceed with Clearance Airs

FAIL ☐

Area needs Reclean and Reinspection

This report represents the condition of the above mentioned site at the time and date the observations were made.

Inspection performed by certified project monitor, scope does not include full project monitoring responsibilities as defined by 12 NYCRR Part 56-3.2(d)(8).

Inspection was performed in accordance with 12NYCRR 56-9.1(d) & (d)(1) and ASTM document E-1386-05, (8.4.1 & 8.4.5). Visual inspections do not include inspections behind, under or above critical or isolation barriers. This inspection is the responsibility of the asbestos abatement's supervisor under subpart 56-9.3 of ICR-56.

Copy delivered to:

On Date:

By:

FVI form

White - Envoy / Paradigm

Yellow - LiRo

Pink - Contractor

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ Matt Popen
Air Technician: ☒

Date: 1-16-10

Job Ticket #: 36641

Building / Location: Mc Carols

Work Area: 6 tent A

Shift ☒ A ☐ B ☐ C

Project Description
ESDC

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)
Mark

BEI

John

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB <input type="checkbox"/>	Phase IIA <input type="checkbox"/>	Phase IIB <input type="checkbox"/>	Phase IIC <input type="checkbox"/>	Phase IIC <input checked="" type="checkbox"/>
Project Phase Backgrounds	Work Preparation samples	Asbestos Handling Samples	Final Cleaning Samples	Clearance Air Samples
Class I <input checked="" type="checkbox"/>	Class II <input type="checkbox"/>	Large <input type="checkbox"/>	Small <input checked="" type="checkbox"/>	Minor <input type="checkbox"/>

Job Type

PI

Sq/ft 50Ln/ft

Project with multiple removals ☐

Type of Material

1st Check

2nd Check

3rd Check

4th Check

5th Check

Time of air sampling pump check

Notes

ON site 0830

set up 1130

broke down 1330

to lab

Air Technician Signature

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

0820-10

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket #

36641 SM 1-10-10

Empire State Development Corporation

Client

McCordys

6 tent A

Building/Location

BE 1

Work Area

John

Contractor

69

Contractor Contact

Client Contact

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Rotometer #

Cassette Lot #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☐

Phase IIC ☒

*

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	I1	I2	I3	O6	O7	O8		B1	B2			
Pre-Calibrated Flow Rate	S	S	S	S	S	S						
Post-Calibrated Flow Rate	S	S	S	S	S	S						
Average Flow Rate	S	S	S	S	S	S						
Start Time Military Time	1131	1131	1131	1133	1133	1133						
End Time Military Time	1331	1331	1331	1333	1333	1333						
Duration (Minutes)	120	120	120	120	120	120						
Sample Volume (Liters)	600	600	600	600	600	600						

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	6080	6081	6082	6083	6084	6085		6086	6087			
Fibers/100 Fields:	6	4	4	3	5	6.5		0	0			
Fibers/cc:	2.01	2.01	2.01	2.01	2.01	2.01		N/A	N/A			

Samples Relinquished By:

Date:

1-16-10

Received in Lab By:

Date:

1-16-10

Analyzed By:

Date:

1-16-10

Microscope Make, Model & #:

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

Verhals to Math. SM 1-16-10 3:01pm

White - Lab Original




Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

LEGEND:
PART CLASS

REGGULATED ALGAS

- | | | |
|---|-----|-----------|
|  | G-1 | 13,700 SF |
|  | G-4 | 4,400 SF |
|  | G-2 | 8,000 SF |

[illegible]

NO.	DATE	DESCRIPTION
1	1/20/00	END DOCUMENTS
REVISIONS		



PAGE TWO
MAY
DISPATCHED BY
M.J.W.
DIRECTED BY
H.F.K.
UNATTN BY
A.M.K.

JANUARY 2009
 SCALE: 1" = 20'
 Empire State Development
 410 Ardley Street, Suite 100
 Rochester, New York 14609-1009

2002 TRIC AND TEGANSON
McCURDY'S BUILDING
MIDTOWN PLAZA COMPLEX
ROCHESTER, NEW YORK
6TH FLOOR
ASBESTOS ABATEMENT PLAN
CHANGING BUILDING

USE AND NO.	08-21-104
SNLT	B 9
PROJECT NO	MB-A8

GENERAL NOTES:

- [illegible]



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Matt Popen

DATE: 1-15-10

Contract #

Liro Job #:

HOURS: 0700-1530

TASK: PM On site

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



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Matt Popen

DATE: 1-16-10

Contract #

Liro Job #:

HOURS: 0830-1430

TASK: PM On site

TIME

ACTIVITY McCurdy's Bldg.

0830

On site. Began leaf blowing area 6D.

0900

Set up samples in 6D.

1100

Broke down samples in 6D.

1130

Leaf blew small tent A and set up air samples for this areas as well as both minor areas.

1330

Broke down samples for tent A and both minors.

1430

Finished paper work and brought samples to the lab.

Envoy Environmental Consultants Inc.

Empire State Development

Project Monitor Visual Inspection Report



As per 12NYCRR Part 56 amended January 11, 2006

Building & Location: McCordys 6th Tent A

Job Ticket # 36143

Project Description

Work Area

ESDC

Mark Smith

PROJECT # 09-1050

Client/Owner (Print Name)

Client/Owner Representative (print name)

BEI

John A Brooks

9307447

Abatement Contractor:

Supervisor (print name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

John A Brooks

Supervisors Visual Inspection Completed?

Supervisor Completing Visual Inspection (print name)

NYSDOL Asbestos Handling Certificate Number

Date

Mark Ropen

08-10392

1-15-10

Project Monitor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Date

Site Emergency Phone:

Job Type: Class I ☒ Class II ☐ PI

Job Size: Large ☐ Small ☒ Material

Sq Ln Ft

Project Monitor Visual Inspection Checklist

Project with Multiple Removals ☐

Section A <input type="checkbox"/>				Section B <input type="checkbox"/>				Section C <input type="checkbox"/>			
Inspectors Checklist		Needs		Visual Inspection		Needs		Procedures/ Paperwork		Needs	
SAT	Action	N/A		SAT	Action	N/A		SAT	Action	N/A	
Equipment				Personal Decontamination Unit				Paperwork & Procedures			
Not Required				Required to Pass				Required to Pass			
1. Flashlight	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	22. Clean & Free of Debris & Dust	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	42. Written Scope of Work (attached)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Knife or pointed object	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	23. No Visible Pools of Liquid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	43. Verbal Scope of Work (see below)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Respirator	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	24. No condensation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	44. Supervisor Present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Hard Hat	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	25. All Isolation Barriers intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	45. Wait period observed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Safety Glasses	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Waste Decontamination Unit				Paperwork & Procedures			
6. Tyvek Suit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Required to Pass				Not Required			
7. Gloves	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	26. Clean & Free of Debris & Dust	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	45. Area Asbestos Survey	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection				27. No Visible Pools of Liquid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	46. Sign into work area	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Not Required				28. No condensation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	47. Sign out of work area	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Enter all Spaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	29. All Isolation Barriers intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	48. Entry into Supervisors Log	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Inspect at Close Range	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Regulated Abatement Work Area				49. Detail Findings	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Areas to Inspect				Required to Pass				50. Enter Full Name	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Not Required				30. No Visible Pools of Liquid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	51. Enter AH Cert. Number	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Permanent Fixtures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	31. No condensation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	52. Worker Present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Light Fixtures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	32. All Criticals intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Ductwork	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	33. All Isolation Barriers Intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Elevated Horizontal Surfaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	34. No Unremoved Materials	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Pipes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	35. No Visible Debris	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Ceiling Grids/Sprinkler Heads	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	36. No Visible Dust	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. Conduits	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	37. Examine Contractor Equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Houseman Channels	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	38. Negative Air in Operation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Floor and Wall Penetrations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	39. No Debris or Water under Plastic	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. Creases & Folds in Criticals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40. Completeness of Abatement**	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Walls & Corners	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	41. Completeness of Clean-up**	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Floors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Inspection requires a project monitor review of a written scope of work prior to the visual inspection to assure completeness of abatement and clean up.

Deficiencies, Corrections or notes

Briefly list all deficiencies and target compliance dates

1.
2.
3.
4.

Verbal Scope of Work (any verbal scope of work supplied by the contractor must be written below, if materials within the regulated area to remain also state this).

Supervisors Signature <u>John A Brooks</u>	Date <u>1-15-10</u>
Project Monitor Signature <u>M. Ropen</u>	Date <u>1-15-10</u>
PASS <input checked="" type="checkbox"/> Area Cleared to proceed with Clearance Airt	FAIL <input type="checkbox"/> Area needs Reclean and Reinspection

This report represents the condition of the above mentioned site at the time and date the observations were made.

Inspection performed by certified project monitor, scope does not include full project monitoring responsibilities as defined by 12 NYCRR Part 56-3.2(d)(8).

Inspection was performed in accordance with 12NYCRR 56-9.1(d) & (d)(1) and ASTM document E-1386-05, (8.4.1 & 8.4.5). Visual inspections do not include inspections behind, under or above critical or isolation barriers. This inspection is the responsibility of the asbestos abatement's supervisor under subpart 56-9.3 of ICR-56.

Copy delivered to:

On Date:

By:

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White - Envoy / Paradigm Yellow - LiRo Pink - Contractor

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒

Air Technician: ☒

Date: 1-23-10

Job Ticket #: 36153

Building / Location: McCordys

Work Area: Tent B 6th floor

Shift (A) B C

Project Description

ESDC

Mark

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

BEI

Rich

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

69

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☐

Phase IIC ☒

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☒

Class II ☐

Large ☐

Small ☒

Minor ☐

Job Type

RI

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check

2nd Check

3rd Check

4th Check

5th Check

Time of air sampling pump check

Notes

on site 0700

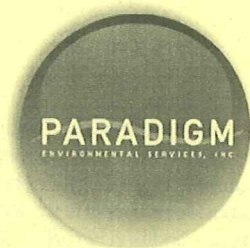
set up @ 1200

broke down @ 1500

to lab.

Air Technician Signature

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

1233-10

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket #

36153 SM 1233-10

Empire State Development Corporation

Client

McCurdy's

Tent B 6th floor

Client Contact

Client Contact Phone

Building/Location

BEI

Work Area

Rich

Air Technician

Air Technician Phone

Contractor

69

Contractor Contact

Fax Results To:

Fax #

Rotometer #

Cassette Lot #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☐

Phase IIC ☒

*

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	I1	I2	I3	O6	O7	O8		B1	B2			
Pre-Calibrated Flow Rate	4	4	4	4	4	4						
Post-Calibrated Flow Rate	4	4	4	4	4	4						
Average Flow Rate	4	4	4	4	4	4						
Start Time Military Time	1201	1201	1201	1203	1203	1204						
End Time Military Time	1501	1501	1501	1503	1503	1504						
Duration (Minutes)	180	180	180	180	180	180						
Sample Volume (Liters)	720	720	720	720	720	720						

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	8753	734	755	750	751	758		759	760			
Fibers/100 Fields:	8	8	13	11	13	10		0	0			
Fibers/cc:	2.01	2.01	2.01	2.01	2.01	2.01		N/A	N/A			

Samples Relinquished By:

Date:

Received in Lab By:

Date:

Analyzed By:

Date:

Microscope Make, Model & #:

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

verbals to Mth. SM 1-23-10 4:00pm

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

SIXTH FLOOR ASBESTOS TO BE REMOVED AND DISPOSED		QUANTITY
ASBESTOS CONTAINING MATERIAL TO BE REMOVED AND DISPOSED		
CEILING, FIBERBOARDING		59,800 SF
CEILING SYSTEMS		51,800 SF
FIRE DOORS		4 DOORS
FIRE DOORS		400 SF
HARBOR PLASTIC		600 SF
PIPE INSULATION		100 LF
WIND TIGHT CLOTH		4 EICH
WINDOVS		6 EICH
WINDSTOPPING MATERIAL		4,500 SF

LEGEND



WARNING
IS A VICTIM OF SECTION 7550, SUBSECTION 2, OF THE NEW YORK STATE EDUCATION LAW FOR NOT RECEIVING AN EDUCATION FOR 12 YEARS OF HIS DREAMS. TO ATTEND IN ANY DAY IN HIS CITY, NO DRIVING, IF HE IS ALONE, THE ATTENDING DRIVERS WILL HAVE TO BE THE ONLY ONE, AND THE NOVIATION, ATTENDED BY TEACHERS, HIS SISTER, AND THE PARENTS OR OTHER ALTERNATIVE, AND A SPECIFIC DESCRIPTION OF THE ALTERNATIVE.

NO.		DATE	DESCRIPTION	REVISIONS
1	1/30/09			



MAINT.	
RECORDS DIV.	
MAILING	
CHECKED BY	
R.F.A.	
BOOKED BY	
DATE	JANUARY 2009
SECT.	1 st & 20 th

McGURDY'S-BUILDING
MIDTOWN PLAZA COMPLEX
ROCHESTER, NEW YORK
6TH FLOOR
ASBESTOS ABATEMENT PLAN

MB-A8A

Scale: 0 10 20 40 Ft

[illegible]



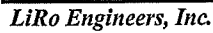
NAME: *Matt Popen*

DATE: 1-22-10

Contract #**Liro Job #:**

HOURS:0700-1530

TASK:PM On site[illegible]



NAME: *Matt Popen*

DATE: 1-23-10

Contract #

Liro Job #:

HOURS:0700-1500

TASK:PM On site

[illegible]

Envoy Environmental Consultants Inc.

Empire State Development

Project Monitor Visual Inspection Report



As per 12NYCRR Part 56 amended January 11, 2006

Building & Location: McCurdy's Tent B 6th floor

Job Ticket # 36151

Project Description
ESDC

Work Area
Mark Smith

PROJECT # 09-1080

Client/Owner (Print Name)

Client/Owner Representative (print name)

BEI

Rich Rupertus

09-07919

Abatement Contractor:

Supervisor (print name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

Rich Rupertus

09-07919

Supervisors Visual Inspection Completed?

Supervisor Completing Visual Inspection (print name)

NYSDOL Asbestos Handling Certificate Number

Date

Math Popen

08-10392

1-22-10

Project Monitor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Date

Site Emergency Phone:

Job Type: Class I ☒ Class II ☐ PI

Job Size: Large ☐ Small ☒ Material

80 Sq 80 Ln Ft

Project Monitor Visual Inspection Checklist

Project with Multiple Removals ☐

Section A		Needs	Action	N/A	Section B		Needs	Action	N/A	Section C		Needs	Action	N/A
Inspectors Checklist					Visual Inspection					Procedures/ Paperwork				
Equipment					Personal Decontamination Unit					Paperwork & Procedures				
Not Required					Required to Pass					Required to Pass				
1. Flashlight	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	22. Clean & Free of Debris & Dust	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	42. Written Scope of Work (attached)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Knife or pointed object	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	23. No Visible Pools of Liquid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	43. Verbal Scope of Work (see below)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Respirator	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	24. No condensation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	44. Supervisor Present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Hard Hat	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	25. All Isolation Barriers intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	45. Wait period observed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Safety Glasses	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Waste Decontamination Unit					Paperwork & Procedures				
6. Tyvek Suit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Required to Pass					Not Required				
7. Gloves	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	26. Clean & Free of Debris & Dust	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	45. Area Asbestos Survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspection					27. No Visible Pools of Liquid					46. Sign into work area				
Not Required					28. No condensation					<input type="checkbox"/>				
8. Enter all Spaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	29. All Isolation Barriers intact					47. Sign out of work area				
9. Inspect at Close Range	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Regulated Abatement Work Area					48. Entry into Supervisors Log				
Areas to Inspect					Required to Pass					49. Detail Findings				
Not Required					30. No Visible Pools of Liquid					<input type="checkbox"/>				
10. Permanent Fixtures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	31. No condensation					<input type="checkbox"/>				
11. Light Fixtures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	32. All Criticals intact					<input type="checkbox"/>				
12. Ductwork	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	33. All Isolation Barriers Intact					<input type="checkbox"/>				
13. Elevated Horizontal Surfaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	34. No Unremoved Materials					<input type="checkbox"/>				
14. Pipes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	35. No Visible Debris					<input type="checkbox"/>				
15. Ceiling Grids/Sprinkler Heads	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	36. No Visible Dust					<input type="checkbox"/>				
16. Conduits	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	37. Examine Contractor Equipment					<input type="checkbox"/>				
17. Hauserman Channels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	38. Negative Air in Operation					<input type="checkbox"/>				
18. Floor and Wall Penetrations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	39. No Debris or Water under Plastic					<input type="checkbox"/>				
19. Creases & Folds in Criticals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40. Completeness of Abatement**					<input type="checkbox"/>				
20. Walls & Corners	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	41. Completeness of Clean-up**					<input type="checkbox"/>				
21. Floors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						<input type="checkbox"/>				

Inspection requires a project monitor review of a written scope of work prior to the visual inspection to assure completeness of abatement and clean up.

Deficiencies, Corrections or notes Briefly list all deficiencies and target compliance dates

1.
2.
3.
4.

Verbal Scope of Work (any verbal scope of work supplied by the contractor must be written below, if materials within the regulated area to remain also state this).

Supervisors Signature <u>[Signature]</u>	Date <u>1-22-10</u>
Project Monitor Signature <u>[Signature]</u>	Date <u>1-22-10</u>
PASS <input checked="" type="checkbox"/> Area Cleared to proceed with Clearance Airs	FAIL <input type="checkbox"/> Area needs Reclean and Reinspection

This report represents the condition of the above mentioned site at the time and date the observations were made.

Inspection performed by certified project monitor, scope does not include full project monitoring responsibilities as defined by 12 NYCRR Part 56-3.2(d)(8).

Inspection was performed in accordance with 12NYCRR 56-9.1(d) & (d)(1) and ASTM document E-1386-05, (8.4.1 & 8.4.5). Visual inspections do not include inspections behind, under or above critical or isolation barriers. This inspection is the responsibility of the asbestos abatement's supervisor under subpart 56-9.3 of ICR-56.

Copy delivered to:

On Date:

By:

FVI form

White - Envoy / Paradigm Yellow - LiRo Pink - Contractor

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ mat Ropen

Air Technician: ☒ mat Ropen

Date: 1-16-10

Job Ticket #: 36641

Building / Location: McCurdy's

Work Area: 6 minor 1

Shift (A) B C

Project Description

ESDC

Client / Owner (Print Name)

BEI

Client / Owner Representative (Print Name)

Donn

Client Contact (Print Name)

mark

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

Map Completed

Rotometer Number

Date of Last Calibration

Project Phase	Phase IB <input type="checkbox"/>	Phase IIA <input type="checkbox"/>	Phase IIB <input type="checkbox"/>	Phase IIC <input type="checkbox"/>	Phase IIC <input checked="" type="checkbox"/>
	Backgrounds	Work Preparation samples	Asbestos Handling Samples	Final Cleaning Samples	Clearance Air Samples
	Class I <input checked="" type="checkbox"/>	Class II <input type="checkbox"/>	Large <input type="checkbox"/>	Small <input type="checkbox"/>	Minor <input checked="" type="checkbox"/>

Job Type

PL

Sq/ft 2 Ln/ft 1 Project with multiple removals ☐

Type of Material

1st Check 2nd Check 3rd Check 4th Check 5th Check

Time of air sampling pump check

Notes

on site 0830

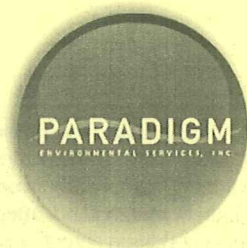
set up 1140

broke down 1340

to 146

Air Technician Signature

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

0821-10

Asbestos Air Monitoring

Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket #

36641 SM

Empire State Development Corporation

Client

MCCurdy's

Geminis I

Building/Location

BEI

Work Area

John

Contractor

69

Contractor Contact

Client Contact

Mark S

Client Contact Phone

Air Technician

Ma H P

Air Technician Phone

Fax Results To:

Fax #

Rotometer #

Cassette Lot #

Materials to be Removed

Project

Phase

Phase IB ☐

Backgrounds

Phase IIA ☐

Work Area Preparation

Phase IIB ☐

Asbestos Handling

Phase IIC ☐

Final Cleaning

Phase IIC ☒

Clearance Airs

*

Env. ☐

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	I1	06		B1	B2						
Pre-Calibrated Flow Rate	S	S									
Post-Calibrated Flow Rate	S	S									
Average Flow Rate	S	S									
Start Time Military Time	1140	1141									
End Time Military Time	1340	1341									
Duration (Minutes)	120	120									
Sample Volume (Liters)	600	600									

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	2088	689		690	691						
Fibers/100 Fields:	2.5	2		0	0						
Fibers/cc:	1.01	1.01		N/A	N/A						

Samples Relinquished By:

MHC

Date:

1-16-10

Received in Lab By:

SM

Date:

1-16-10

Analyzed By:

SM

Date:

1-16-10

Microscope Make, Model & #:

22113

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

Verbal to MHC. SM 1-16-10 3:01pm

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

[illegible]

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INTERIOR DECONTAMINATION ACTIVITIES, INCLUDING ABATEMENT, REMOVAL, AND/OR RESTORATION OF ALL AREAS OF THE BUILDINGS INCLUDING THE INTERIOR SURFACES, INCLUDING THE INTERIOR AIR HANDLING SYSTEMS. THE CONTRACTOR SHALL CONDUCT SITE INSPECTIONS TO VERIFY THE EXTENT AND SCOPE OF THE INTERIOR DECONTAMINATION. THIS WORK SHALL INCLUDE, BUT IS NOT LIMITED TO, THE REMOVAL OF ALL INTERIOR FINISHES, CARPETS, DRAPES, WALLPAPER, PLASTER, ADHESION, PAINTS, GELCOAT, FLOORING, AND NON PEST CONTAMINATED MATERIALS. THE CONTRACTOR SHALL REMOVE ALL CONTAMINATED MATERIALS, ALL RESULTING WASTES SHALL BE DISPOSED OF BY A FACILITY PERMITTED TO HANDLE SUCH WASTE. THE REMOVAL, HANDLING AND DISPOSAL OF THE MATERIAL WASTES SHALL COMPLY WITH ALL APPLICABLE REGULATIONS (FEDERAL, STATE, AND/OR LOCAL).

QUANTITY, TYPE, LOCATION, EXIST OR CEILING DESIGN, BEAMS, COLUMNS, WALLS, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING AND RECORDING INCLUDING DISCREPANCY. THE CONTRACTOR SHALL REMOVE ALL ITEMS IDENTIFIED AS DISCREPANCY AND REPAIR OR REPLACE AS REQUIRED TO ACCESS AND REMOVE AND DISPOSE OF ALL SPILLAGE, DEBRIS, AND MATERIALS INCLUDING DISCREPANCY AND ANY AND ALL BUILDING AGENTS IN ACCORDANCE WITH FEDERAL, STATE AND SPECIFICATION SECTION 02390.

WALKERS ARE INSTALLED THROUGHOUT THE FLOOR LEVEL, ON WALLS, CHIMNEYS, ETC. AND ARE NOT TO BE USED AS A MEANS OF EGRESS. THE CONTRACTOR SHALL PROVIDE THE FOLLOWING:

[illegible]

PER MEAL, AN ABANDONED SHALL INCLUDE THE ABANDONED REMOVAL, AND DISPOSAL, OF ALL PAPER INSULATION AND OTHER MATERIALS FROM INSULATION UNLESS OTHERWISE AUTHORIZED BY THE PROJECT MONITOR. DUE TO PRECIPITATING MATERIALS, THE FOLLOWING ARE THE ONLY AREAS AND NON-DAZED SECTIONS OF PRECIPITATING MATERIALS. IT IS THE INTENT OF THE INSULATION REMOVAL, TO INSURE ALL AND INSULATION IS PROPERLY REMOVED.

CHANGING THE MASTER RECORDS, SHALL INCLUDE ABANDONMENT, REMOVAL, AND DISPOSAL, OF THE MASTER, RECORDS AND RECORDS, SHALL BE DISPOSED IN CONTACT WITH THE MASTER, SHOULD THE SUBSTANCE NOT BE CLEARED AS OTHERWISE.

SIXTH FLOOR ASBESTOS ABATEMENT SCHEDULE	
ASBESTOS CONTAINMENT MATERIAL TO BE REMOVED AND DISPOSED	QUANTITY
1) 5' x 10' x 1/2" SHEET PILING	59,400 SF
2) 5' x 10' x 1/2" SHEET PILING	41,800 SF
3) CEILING SYSTEMS	4,000 SF
4) FINE DOORS	800 SF
5) MASONRY MASONIC	900 LF
6) PIPE INSULATION	1,000 LF
7) VIBRATION CLOTH	1,000 LF
8) 5' x 10' x 1/2" SHEET PILING	6,000 SF
9) MASONRY MASONIC	4,500 SF

LEGEND

6-1	13,700 SF
6-4	4,400 SF
6-2	8,000 SF

[illegible]

NO.	DATE	BID DOCUMENT DESCRIPTION
REVISIONS		



0000000000
 R.F.K.
 0000000000
 0000000000

EmpireState Development
400 Amsterdam Avenue, Suite 102
New York, New York 10022-1402
Tel: 212-692-1402

6TH FLOOR
MIDTOWN PLAZA COMPLEX
ROCHESTER, NEW YORK

MB-A8

Scale:  0 10 20 40
F



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Matt Popen

DATE: 1-15-10

Contract #

Liro Job #:

HOURS: 0700-1530

TASK: PM On site

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



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Matt Popen

DATE: 1-16-10

Contract #

Liro Job #:

HOURS: 0830-1430

TASK: PM On site

TIME

ACTIVITY McCurdy's Bldg.

0830

On site. Began leaf blowing area 6D.

0900

Set up samples in 6D.

1100

Broke down samples in 6D.

1130

Leaf blew small tent A and set up air samples for this areas as well as both minor areas.

1330

Broke down samples for tent A and both minors.

1430

Finished paper work and brought samples to the lab.

Envoy Environmental Consultants Inc.

Empire State Development

Project Monitor Visual Inspection Report



As per 12NYCRR Part 56 amended January 11, 2006

Building & Location: McCurrys 6th Minor 1 Job Ticket # 36145

Project Description: ESDC Work Area: Mark S. PROJECT # 9307447

Client/Owner (Print Name): BEI Client/Owner Representative (print name): John A Brooker

Abatement Contractor: John A Brooker Supervisor (print name): John A Brooker NYSDOL Asbestos Handling Certificate Number: 08-10392

Yes ☒ No ☐ Supervisors Visual inspection Completed? Supervisor Completing Visual Inspection (print name): John A Brooker NYSDOL Asbestos Handling Certificate Number: 08-10392 Date: 1-15-10

Project Monitor (Print Name): Math Popen NYSDOL Asbestos Handling Certificate Number: 08-10392 Date: 1-15-10

Site Emergency Phone: _____

Job Type: Class I ☒ Class II ☐ PI Minor Material ☐ Sq Ln Ft

Job Size: Large ☐ Small ☐ Project with Multiple Removals ☐

Section A				Section B				Section C			
Inspectors Checklist				Visual Inspection				Procedures/ Paperwork			
Equipment				Personal Decontamination Unit				Paperwork & Procedures			
1. Flashlight				22. Clean & Free of Debris & Dust				42. Written Scope of Work (attached)			
2. Knife or pointed object				23. No Visible Pools of Liquid				43. Verbal Scope of Work (see below)			
3. Respirator				24. No condensation				44. Supervisor Present			
4. Hard Hat				25. All Isolation Barriers intact				45. Wait period observed			
5. Safety Glasses				Waste Decontamination Unit				Paperwork & Procedures			
6. Tyvek Suit				26. Clean & Free of Debris & Dust				45. Area Asbestos Survey			
7. Gloves				27. No Visible Pools of Liquid				46. Sign into work area			
Inspection				28. No condensation				47. Sign out of work area			
8. Enter all Spaces				29. All Isolation Barriers intact				48. Entry into Supervisors Log			
9. Inspect at Close Range				Regulated Abatement Work Area				49. Detail Findings			
Areas to Inspect				30. No Visible Pools of Liquid				50. Enter Full Name			
10. Permanent Fixtures				31. No condensation				51. Enter AH Cert. Number			
11. Light Fixtures				32. All Criticals intact				52. Worker Present			
12. Ductwork				33. All Isolation Barriers Intact							
13. Elevated Horizontal Surfaces				34. No Unremoved Materials							
14. Pipes				35. No Visible Debris							
15. Ceiling Grids/Sprinkler Heads				36. No Visible Dust							
16. Conduits				37. Examine Contractor Equipment							
17. Houseman Channels				38. Negative Air in Operation							
18. Floor and Wall Penetrations				39. No Debris or Water under Plastic							
19. Creases & Folds in Criticals				40. Completeness of Abatement**							
20. Walls & Corners				41. Completeness of Clean-up**							
21. Floors											

Inspection requires a project monitor review of a written scope of work prior to the visual inspection to assure completeness of abatement and clean up.

Deficiencies, Corrections or notes Briefly list all deficiencies and target compliance dates

1.
2.
3.
4.

Verbal Scope of Work (any verbal scope of work supplied by the contractor must be written below. if materials within the regulated are to remain also state this).

Supervisors Signature: <u>John A Brooker</u>	Date: <u>1-15-10</u>
Project Monitor Signature: <u>Math Popen</u>	Date: <u>1-15-10</u>
PASS <input checked="" type="checkbox"/> Area Cleared to proceed with Clearance Airs FAIL <input type="checkbox"/> Area needs Reclean and Reinspection	

This report represents the condition of the above mentioned site at the time and date the observations were made.
 Inspection performed by certified project monitor, scope does not include full project monitoring responsibilities as defined by 12 NYCRR Part 56-3.2(d)(8).
 Inspection was performed in accordance with 12NYCRR 56-9.1(d) & (d)(1) and ASTM document E-1386-05, (8.4.1 & 8.4.5). Visual inspections do not include inspections behind, under or above critical or isolation barriers. This inspection is the responsibility of the asbestos abatement's supervisor under subpart 56-9.3 of ICR-56.

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ Matt Popen

Date: 1-16-10

Job Ticket #: 36641

Air Technician: ☒

Work Area: 6 minor 2

Shift ☒ A ☐ B ☐ C

Building / Location: McCurdy's

Project Description

ESDL

Client / Owner (Print Name)

BEI

Client / Owner Representative (Print Name)

John

Client Contact (Print Name)

Mark

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB <input type="checkbox"/>	Phase IIA <input type="checkbox"/>	Phase IIB <input type="checkbox"/>	Phase IIC <input type="checkbox"/>	Phase IIC <input checked="" type="checkbox"/>
Backgrounds	Work Preparation samples	Asbestos Handling Samples	Final Cleaning Samples	Clearance Air Samples
Class I <input checked="" type="checkbox"/>	Class II <input type="checkbox"/>	Large <input type="checkbox"/>	Small <input type="checkbox"/>	Minor <input checked="" type="checkbox"/>

Job Type

PI

Sq/ft 2 Ln/ft

Project with multiple removals ☐

Type of Material

1st Check

2nd Check

3rd Check

4th Check

5th Check

Time of air sampling pump check

Notes

on site 0830

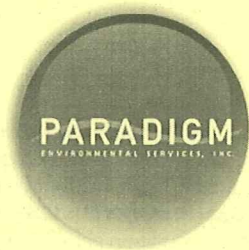
set up 1145

broke down 1345

to 1015

Air Technician Signature

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

0822-10

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket #

36641 SM 1-16-10

Empire State Development Corporation

Client

McCordys

6 minor 2

Building/Location

BEI

Work Area

John

Contractor

69

Contractor Contact

Client Contact

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Rotometer #

Cassette Lot #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☐

Phase IIC ☒

*

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	I1	06		B1	B2						
Pre-Calibrated Flow Rate	S	S									
Post-Calibrated Flow Rate	S	S									
Average Flow Rate	S	S									
Start Time Military Time	1144	1145									
End Time Military Time	1344	1345									
Duration (Minutes)	120	120									
Sample Volume (Liters)	600	600									

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	5092	693		694	695						
Fibers/100 Fields:	3.5	4		0	0						
Fibers/cc:	6.01	6.01		N/A	N/A						

Samples Relinquished By:

M. H. C. P.

Date:

1-16-10

Received in Lab By:

SM

Date:

1-16-10

Analyzed By:

SM

Date:

1-16-10

Microscope Make, Model & #:

221113

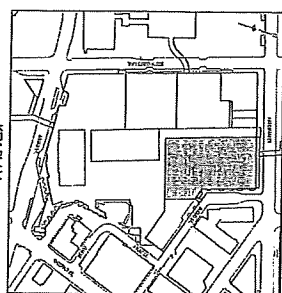
Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

Verbal to M.H. SM 1-16-10 3:01pm

1
PSS



LEGEND

Regulus Aq. 545

- GENERAL NOTES:**
1. THE INFORMATION IN THESE DRAWINGS AND ALL RELATED ADDENDUMS ONLY, THEY MAY NOT REPRESENT ACTUAL, AS-BUILT CONDITIONS AND SPEC. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE INFORMATION PROVIDED IN THE PLAN VIEWS WITH THE EXISTING CONDITIONS.
 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Matt Popen

DATE: 1-15-10

Contract #

Liro Job #:

HOURS: 0700-1530

TASK: PM On site

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



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Matt Popen

DATE: 1-16-10

Contract #

Liro Job #:

HOURS: 0830-1430

TASK: PM On site

TIME

ACTIVITY McCurdy's Bldg.

0830

On site. Began leaf blowing area 6D.

0900

Set up samples in 6D.

1100

Broke down samples in 6D.

1130

Leaf blew small tent A and set up air samples for this areas as well as both minor areas.

1330

Broke down samples for tent A and both minors.

1430

Finished paper work and brought samples to the lab.

Envoy Environmental Consultants Inc.

Empire State Development

Project Monitor Visual Inspection Report



As per 12NYCRR Part 56 amended January 11, 2006

Building & Location: McCurlys 6th minor a Job Ticket # 36415

Project Description: ESDC Work Area: Mark S. PROJECT # 09-1080

Client/Owner (Print Name): BEI Client/Owner Representative (print name): John A. Brooks 93 07447

Abatement Contractor: John A. Brooks NYSDOL Asbestos Handling Certificate Number: 08-10392

Supervisors Visual inspection Completed? ☒ Yes ☐ No Supervisor Completing Visual Inspection (print name): John A. Brooks NYSDOL Asbestos Handling Certificate Number: 08-10392 Date: 1-15-10

Project Monitor (Print Name): Math Pagen NYSDOL Asbestos Handling Certificate Number: 08-10392 Date: 1-15-10

Site Emergency Phone: _____

Job Type: Class I ☒ Class II ☐ PI minor

Job Size: Large ☐ Small ☐ Material ☐ Sq Ln Ft

Project Monitor Visual Inspection Checklist

Project with Multiple Removals ☐

Section A				Section B				Section C			
Inspectors Checklist		Needs Action N/A		Visual Inspection		Needs Action N/A		Procedures/ Paperwork		Needs Action N/A	
Equipment				Personal Decontamination Unit				Paperwork & Procedures			
1. Flashlight <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				22. Clean & Free of Debris & Dust <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				42. Written Scope of Work (attached) <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
2. Knife or pointed object <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				23. No Visible Pools of Liquid <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				43. Verbal Scope of Work (see below) <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
3. Respirator <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				24. No condensation <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				44. Supervisor Present <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
4. Hard Hat <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				25. All Isolation Barriers intact <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				45. Wait period observed <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
5. Safety Glasses <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Waste Decontamination Unit				Paperwork & Procedures			
6. Tyvek Suit <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				26. Clean & Free of Debris & Dust <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				45. Area Asbestos Survey <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
7. Gloves <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				27. No Visible Pools of Liquid <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				46. Sign into work area <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
Inspection				28. No condensation <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				47. Sign out of work area <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
8. Enter all Spaces <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				29. All Isolation Barriers intact <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				48. Entry into Supervisors Log <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
9. Inspect at Close Range <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Regulated Abatement Work Area				49. Detail Findings <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
Areas to Inspect				30. No Visible Pools of Liquid <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				50. Enter Full Name <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
10. Permanent Fixtures <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				31. No condensation <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				51. Enter AH Cert. Number <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
11. Light Fixtures <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				32. All Criticals intact <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				52. Worker Present <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
12. Ductwork <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				33. All Isolation Barriers Intact <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
13. Elevated Horizontal Surfaces <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				34. No Unremoved Materials <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
14. Pipes <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				35. No Visible Debris <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
15. Ceiling Grids/Sprinkler Heads <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				36. No Visible Dust <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
16. Conduits <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				37. Examine Contractor Equipment <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
17. Houseman Channels <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				38. Negative Air in Operation <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
18. Floor and Wall Penetrations <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				39. No Debris or Water under Plastic <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
19. Creases & Folds in Criticals <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				40. Completeness of Abatement** <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
20. Walls & Corners <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				41. Completeness of Clean-up** <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
21. Floors <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>											

Inspection requires a project monitor review of a written scope of work prior to the visual inspection to assure completeness of abatement and clean up.

Deficiencies, Corrections or notes

Briefly list all deficiencies and target compliance dates

1.
2.
3.
4.

Verbal Scope of Work (any verbal scope of work supplied by the contractor must be written below, if materials within the regulated area to remain also state this).

Supervisors Signature: <u>John A. Brooks</u>	Date: <u>1-15-10</u>
Project Monitor Signature: <u>Math Pagen</u>	Date: <u>1-15-10</u>
PASS <input checked="" type="checkbox"/> Area Cleared to proceed with Clearance Airs	FAIL <input type="checkbox"/> Area needs Reclean and Reinspection

This report represents the condition of the above mentioned site at the time and date the observations were made. Inspection performed by certified project monitor, scope does not include full project monitoring responsibilities as defined by 12 NYCRR Part 56-3.2(d)(8). Inspection was performed in accordance with 12NYCRR 56-9.1(d) & (d)(1) and ASTM document E-1386-05, (8.4.1 & 8.4.5). Visual inspections do not include inspections behind, under or above critical or isolation barriers. This inspection is the responsibility of the asbestos abatement's supervisor under subpart 56-9.3 of ICR-56.

Copy delivered to:

On Date:

By:

FVI form

White - Envoy / Paradigm Yellow - LiRo Pink - Contractor

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ Matt Pofen
Air Technician: ☒

Date: 1-26-10

Job Ticket #: 36155

Building / Location: McCurdy's

Work Area: Minor 3 6th

Shift (A) B C

Project Description: ESDC

Mark S

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

BEI

Rich

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

69

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☐

Phase IIC ☒

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☒

Class II ☐

Large ☐

Small ☐

Minor ☒

Job Type

PF

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check

2nd Check

3rd Check

4th Check

5th Check

Time of air sampling pump check

Notes

on site 0300

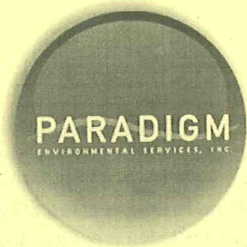
cal/set up @ 0345

broke down 0705

to lab

Air Technician Signature

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

1300-10

Asbestos Air Monitoring Chain of Custody

Job Ticket #

36155

Meets NYCRR 56 amended January 11, 2006

Empire State Development Corporation

Client

McCurdy's minor 3 6th floor

Building/Location

BEI

Work Area

RICH

Contractor

BS

Contractor Contact

Rotometer #

Cassette Lot #

Client Contact

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Materials to be Removed

Project
Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☐

Phase IIC ☒

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	I1	06		B1	B2							
Pre-Calibrated Flow Rate	3	3										
Post-Calibrated Flow Rate	3	3										
Average Flow Rate	3	3										
Start Time Military Time	0345	0346										
End Time Military Time	0705	0706										
Duration (Minutes)	200	200										
Sample Volume (Liters)	600	600										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	999	200		01	02							
Fibers/100 Fields:	2	7		0	0							
Fibers/cc:	20.01	20.01										

Samples Relinquished By:

M. McCurdy

Date:

1-26-10

Received in Lab By:

John V.

Date:

1-26-10

Analyzed By:

Date:

1-26-10

Microscope Make, Model & #:

22113

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

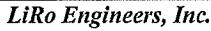
Verfals to Math - 1-26-10 0345

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician



NAME: *Matt Popen*

Contract #

HOURS: 0700-1730

TIME

0700

0800

0900

1130

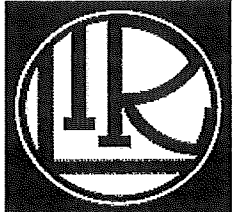
1230

1330

1530

1730

FVI on Minor 3 elbows, area is perfect, no PI remains. Pipe is clean and containment is clean, as well. I then did the FVI on 6F. All glue dots removed completely. Area is clean. All visuals pass, finals tomorrow before the work day. Samples collected and brought to lab.



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Matt Popen

DATE: 1-26-10

Contract #

Liro Job #:

HOURS: 0300-1730

TASK: PM On site

mfp

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

Envoy Environmental Consultants Inc.

Empire State Development

Project Monitor Visual Inspection Report



As per 12 NYCRR Part 56 amended January 11, 2006

Building & Location: McLundys Mines tent 3 6th Job Ticket # 36134

Project Description: ESDC Work Area: mark 5 PROJECT # 09-1050

Client/Owner (Print Name): BEI Client/Owner Representative (print name): Rich Rupertus NYSDOL Asbestos Handling Certificate Number: 09-07919

Abatement Contractor: Yes ☒ No ☐ Supervisor (print name): Rich Rupertus NYSDOL Asbestos Handling Certificate Number: 09-07919

Supervisors Visual Inspection Completed? Yes ☒ No ☐ Supervisor Completing Visual Inspection (print name): Rich Rupertus NYSDOL Asbestos Handling Certificate Number: 08-10392 Date: 1-25-10

Project Monitor (Print Name): Matt Ropen NYSDOL Asbestos Handling Certificate Number: 08-10392 Date: 1-25-10

Site Emergency Phone: _____

Job Type: Class I ☒ Class II ☐ Minor PI elbows.

Job Size: Large ☐ Small ☐ Material 6 Sq Ln Ft

Project Monitor Visual Inspection Checklist

Project with Multiple Removals ☐

Section A				Section B				Section C			
		Needs				Needs				Needs	
		SAT	Action	N/A				SAT	Action	N/A	
Inspectors Checklist				Visual Inspection				Procedures/ Paperwork			
Equipment				Personal Decontamination Unit				Paperwork & Procedures			
1. Flashlight <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				22. Clean & Free of Debris & Dust <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				42. Written Scope of Work (attached) <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
2. Knife or pointed object <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				23. No Visible Pools of Liquid <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				43. Verbal Scope of Work (see below) <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>			
3. Respirator <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				24. No condensation <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				44. Supervisor Present <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
4. Hard Hat <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				25. All Isolation Barriers intact <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				45. Wait period observed <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
5. Safety Glasses <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Waste Decontamination Unit				Paperwork & Procedures			
6. Tyvek Suit <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				26. Clean & Free of Debris & Dust <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				45. Area Asbestos Survey <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
7. Gloves <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				27. No Visible Pools of Liquid <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				46. Sign into work area <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
Inspection				28. No condensation <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				47. Sign out of work area <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
8. Enter all Spaces <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				29. All Isolation Barriers intact <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				48. Entry into Supervisors Log <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
9. Inspect at Close Range <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Regulated Abatement Work Area				49. Detail Findings <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
Areas to Inspect				30. No Visible Pools of Liquid <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				50. Enter Full Name <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
10. Permanent Fixtures <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				31. No condensation <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				51. Enter AH Cert. Number <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
11. Light Fixtures <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				32. All Criticals intact <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				52. Worker Present <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
12. Ductwork <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				33. All Isolation Barriers Intact <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
13. Elevated Horizontal Surfaces <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				34. No Unremoved Materials <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
14. Pipes <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				35. No Visible Debris <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
15. Ceiling Grids/Sprinkler Heads <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				36. No Visible Dust <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
16. Conduits <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				37. Examine Contractor Equipment <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
17. Houseman Channels <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				38. Negative Air in Operation <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
18. Floor and Wall Penetrations <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				39. No Debris or Water under Plastic <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
19. Creases & Folds in Criticals <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				40. Completeness of Abatement** <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
20. Walls & Corners <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				41. Completeness of Clean-up** <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
21. Floors <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>											

Inspection requires a project monitor review of a written scope of work prior to the visual inspection to assure completeness of abatement and clean up.

Deficiencies, Corrections or notes Briefly list all deficiencies and target compliance dates

1.
2.
3.
4.

Verbal Scope of Work (any verbal scope of work supplied by the contractor must be written below, if materials within the regulated area to remain also state this).

Supervisors Signature <u>Rich Rupertus</u>	Date <u>1-25-10</u>
Project Monitor Signature <u>M. Ropen</u>	Date <u>1-25-10</u>
PASS <input checked="" type="checkbox"/> Area Cleared to proceed with Clearance Airs FAIL <input type="checkbox"/> Area needs Reclean and Reinspection	

This report represents the condition of the above mentioned site at the time and date the observations were made.
 Inspection performed by certified project monitor, scope does not include full project monitoring responsibilities as defined by 12 NYCRR Part 56-3.2(d)(8).
 Inspection was performed in accordance with 12 NYCRR 56-9.1(d) & (d)(1) and ASTM document E-1386-05, (8.4.1 & 8.4.5). Visual inspections do not include inspections behind, under or above critical or isolation barriers. This inspection is the responsibility of the asbestos abatement's supervisor under subpart 56-9.3 of ICR-56.

Copy delivered to:

On Date:

By:

FVI form

White - Envoy / Paradigm Yellow - LiRo Pink - Contractor

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ Math Popen
Air Technician: ☒ Math Popen

Date: 1-27-10

Job Ticket #: 36156

Building / Location: McCurdy's

Work Area: Minors 4 6th

Shift ☒ A ☐ B ☐ C

Project Description

ESDL

marks

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

BEI

Rch

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

69

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☐

Phase IIC ☒

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☒

Class II ☐

Large ☐

Small ☐

Minor ☒

Job Type

PS

Sq/ft

Ln/ft

15

Project with multiple removals ☐

Type of Material

1st Check

2nd Check

3rd Check

4th Check

5th Check

Time of air sampling pump check

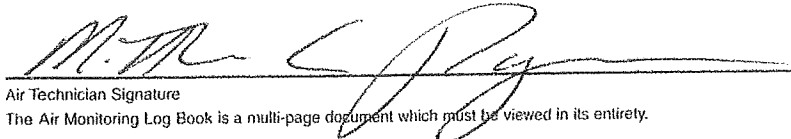
Notes

on site 0500

Cal / set pp @ 0530 74pm

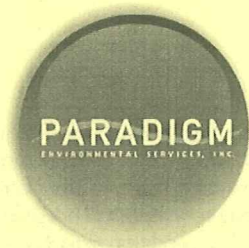
broke down @ 0700

to 10h 0800



Air Technician Signature

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

1358-10

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket #

36156

NO Job
Ticket
Received
1-27-10

Empire State Development Corporation

Client

McCurrys

Building/Location

BE

Contractor

69

Rotometer #

Work Area

Rich

Contractor Contact

Cassette Lot #

Client Contact

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☐

Phase IIC ☒

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

Field Data and Sampling Provided By: Envoy Environmental Consultants, Inc.

Field Sample #	I1	06		B1	B2							
Pre-Calibrated Flow Rate	7	7										
Post-Calibrated Flow Rate	7	7										
Average Flow Rate	7	7										
Start Time Military Time	0530	0531										
End Time Military Time	0700	0701										
Duration (Minutes)	90	90										
Sample Volume (Liters)	630	630										

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	9759	7600		7601	7602							
Fibers/100 Fields:	2	3.5		0	0							
Fibers/cc:	2.01	2.01		NIA	NIA							

Samples Relinquished By:

M. H. C. P. J.

Date:

1-27-10

Received in Lab By:

SM

Date:

1-27-10

Analyzed By:

SM

Date:

1-27-10

Microscope Make, Model & #:

22113

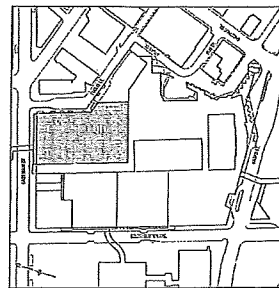
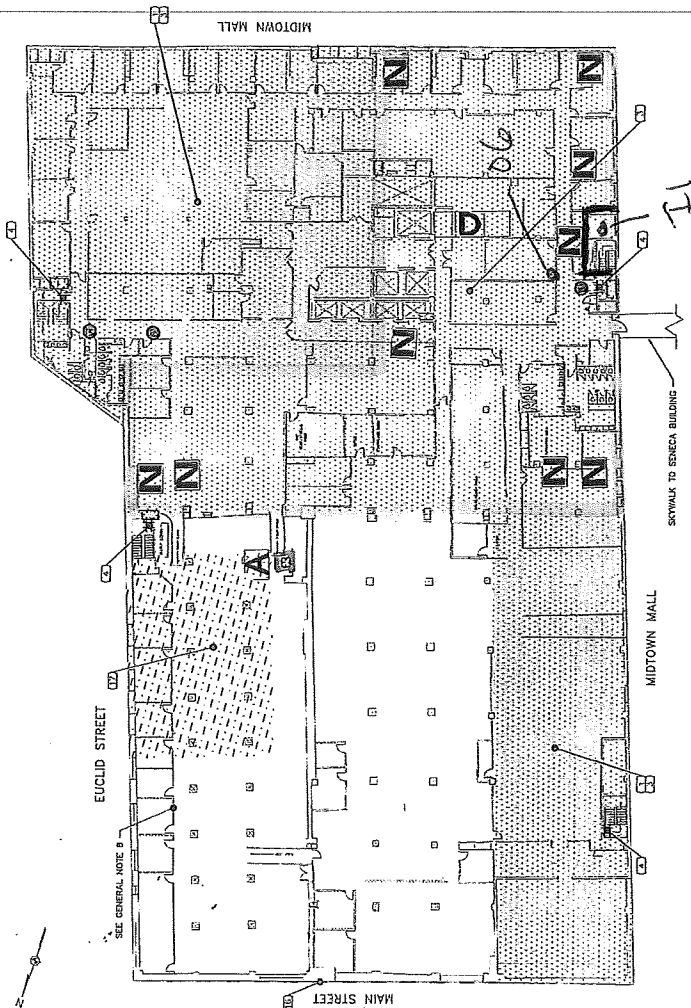
Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

Verbal to M.H. SM 1-27-10 8:53 am

0102



SIXTH FLOOR ASBESTOS ABATEMENT SCHEDULE	
ASBESTOS CONTAMINATED MATERIAL TO BE REMOVED AND DISPOSED	QUANTITY
INTERFLOOR	375.00 SF
CEILING STUDS	41.800 SF
INTER DOORS	6.000 SF
MINOR MASTIC	4.000 SF
PIPE INSULATION	900 LF
CEILING DROPPED CLOTH	4 DASH
WINDOWS	G EACH
MASTIC FROM 1X1 CEILING TILES	4,500 SF

LEGEND:
PIPE CHASE

KEY PLAN

WARNING

IT IS A VIOLATION OF SECTION 2709, SUBSECTION 2, OF THE NEW YORK STATE REGULATION LAW FOR ANY PERSON, OTHER THAN THE DESIGNER, TO REPRODUCE OR ALTER THIS DRAWING, TO ALTER IN ANY WAY ANY ITEM ON THIS DRAWING, OR TO REPRODUCE OR ALTER ANY ITEM ON THIS DRAWING. ANY SUCH ALTERATION, REPRODUCTION OR ALTERATION SHALL BE FOLLOWED BY THE DESIGNER, AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



Auto Engineers, Inc.
620 Delaware Ave.

FILED INFO:	CHECKED:
M.J.W.	
RECORDED BY:	DATE:
M.J.W.	
CHECKED BY:	
R.F.K.	
BRAN BY:	

EmpireState Development
400 Andrew Street, Suite 100
Rutherford, N.J. 07070-1405

DIAMOND TITLE	NO.	DATE	TIME	LOCATION

McGURDY'S-BUILDING TOWN PLAZA COMPLEX CHESTER, NEW YORK	UNIT AND NO. 08-21-104
6TH FLOOR	SHEET 8 OF 9
	DESIGN NO. MB-A8A

GENERAL NOTES:

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

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

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

4. THE CONTRACTOR SHALL PROVIDE A LICENSED ELECTRICIAN TO EVALUATE, DE-LISTEN/AL AND RE-ROUTE ELECTRICAL DISTRIBUTION LINES NECESSARY SO THAT ASBESTOS ABATEMENT AND DEMOLITION ACTIVITIES CAN OCCUR WITHOUT THE INTERRUPTION OF ELECTRICAL SERVICE TO OTHER PORTIONS OF THE SITE. ALL ELECTRICAL WORK SHALL BE INCLUDED IN THE CONTRACTORS LUMP SUM PRICE.

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

THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CEILINGS, INTERIOR WALLS AND PARTITIONS. ALL MATERIALS AND DEBRIS DEMOLISHED OR REMOVED BY THE CONTRACTOR SHALL BE DISPOSED OF AS ACM OR SHALL BE DECONTAMINATED AND DISPOSED OF AS CAD MATERIALS.

THE CONTRACTOR SHALL REFER TO THE HAZARDOUS MATERIALS SURVEY FOR FLOOR LEVEL. THE CONTRACTOR SHALL REFER TO THE HAZARDOUS MATERIALS SURVEY FOR DESCRIPTIONS AND QUANTITIES TO BE REMOVED AND DISPOSED OF. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL HOUSEHOLD, UNIVERSAL AND HAZARDOUS MATERIALS IN ACCORDANCE WITH THE SPECIFICATIONS.

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INTERIOR DEMOLITION ACTIVITIES. THE CONTRACTOR SHALL PERFORM INTERIOR DEMOLITION ACTIVITIES ON ALL AREAS OF THE BUILDINGS INCLUDING AREAS WHERE ACM AND HAZARDOUS MATERIALS REMOVAL IS NOT REQUIRED. THE CONTRACTOR SHALL CONDUCT SHL INSPECTIONS TO VERIFY THE EXTENT AND COMPLETENESS OF THE

THIS WORK SHALL INCLUDE BUT IS NOT LIMITED TO THE REMOVAL OF ALL EXISTING INTERIOR SOFT MATERIALS, WOOD, DRYWALL, PLASTER, FLOOR COVERINGS, MULTIPLE CEILINGS, PROJECT CASES AND NON FIXED CABINETS, DISPLAY CASES AND REMAINING SITE DEBRIS THROUGHOUT THE PROJECT BUILDINGS. ALL RESULTING WASTES SHALL BE DISPOSED OF AT A FACILITY PERMITTED TO ACCEPT SUCH WASTE. THE REMOVAL HANDING AND DISPOSAL OF THE MATERIAL WASTES SHALL COMPLY WITH ALL APPLICABLE REGULATIONS.

ASBESTOS ABATEMENT NOTES:

SPRAY-ON FIRE PROOFING COSTS ON CEILING DURING, BEAMS, COLUMNS, WALLS, ETC., THE QUANTITY INCLUDES ALL SPRAY-ON FIRE PROOFING ENCOUNTERED INCLUDING OVERSPRAY. THE CONTRACTOR SHALL PROVIDE ALL LABOR MATERIALS AND EQUIPMENT AND PERFORM ALL WORK REQUIRED TO ACCESS AND REMOVE AND DISPOSE OF ALL SPRAY-ON FIRE PROOFING INCLUDING OVERSPRAY AND ANY AND ALL BINDING AGENTS IN ACCORDANCE WITH NYSOCL ICR 56 AND

CEILING SYSTEM ABATEMENT AND REMOVAL SHALL INCLUDE ABATEMENT, REMOVAL AND DISPOSAL OR RECONSTRUCTION OF ALL MATERIALS ABOVE THE CEILINGS/PLASTER CEILINGS, INCLUDING THE CEILING SYSTEMS. THE CONTRACTOR SHALL NOTE THAT ALL WORK SHALL BE COMPLETED PRIOR TO THE SPECIFICATION SECTION 02080.

THE CONTRACTOR SHALL NOTIFY THE FACILITY OWNERS AT LEAST THIRTY DAYS BEFORE THE COMMENCEMENT OF WORK. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY ACCESS TO THE FACILITY AND EQUIPMENT ALONG WITH PIPING AND ELECTRICAL SYSTEMS. ADDITIONALLY, EXTENSIVE HVAC DUCT WORK AND PIPING WILL BE REQUIRED FOR THE REMEDIATION OF THE BUILDINGS. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR OBTAINING ALL NECESSARY PERMITS AND CONSTRUCTION APPROVALS. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONTAMINATED MATERIALS IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS. THE CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT AND MATERIALS REQUIRED TO ABATE, REMOVE AND DISPOSE OF ALL CONTAMINATION.

MIRRORS ARE INSTALLED THROUGHOUT THE FLOOR LEVEL ON WALLS, COLUMNS, ETC. NOT ALL MIRRORS ARE SHOWN. THE MAJOR WASTIC ASSOCIATED WITH THE MIRRORS IS ADM. THE SECTION 02060.

CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL MIRRORS AS ACM. THE QUANTITY OF MIRROR PLASTER SHALL BE BASED ON THE ACTUAL AREA OF MIRROR ENCOUNTERED. THE CONTRACTOR SHALL REMOVE ALL LABOR, EQUIPMENT AND MATERIALS REQUIRED TO REMOVE AND DISPOSE OF THE MIRROR PLASTER AND THE MIRROR MASTIC IN ACCORDANCE WITH HYDROLIC 50. ALL SUBSTRATES CONTAINING MIRROR MASTIC SHALL BE DECONTAMINATED TO THE SATISFACTION OF THE PROJECT

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SATISFACTION OF THE PROJECT OWNER. SHOULD THE SUBSTRATE NOT BE CLEANABLE AS DETERMINED BY THE PROJECT MONITOR, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE SUBSTRATE AS ACH AT NO ADDITIONAL COST TO THE CONTRACT.

[illegible]

REMOVING TILE MASTIC REMOVAL SHALL INCLUDE ABRASION, REMOVAL AND DISPOSAL OF THE MASTIC, GRINDING TILES AND DECONTAMINATION OF ALL SUBSTRATES IN CONTACT WITH THE MASTIC. SHOULD THE SUBSTRATE NOT BE CLEANABLE AS DETERMINED BY THE PROJECT MONITOR THEN THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE SUBSTRATE AS ACTUALLY NO. APPROVED FIRST IN

THE CONTRACT:

A vertical number line with tick marks at 0, 10, 20, and 40.

LIBRARY NO. _____
DATE _____

SCORE: _____ FL _____

TITLE AND LOCATION _____
McCURDY'S BUILDING _____

MIDTOWN PLAZA COMPLEX
 ROCHESTER, NEW YORK

MB-A8A	8TH FLOOR ASBESTOS ABATEMENT PLAN
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LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Matt Popen

DATE: 1-26-10

Contract #

Liro Job #:

HOURS: 0300-1730

TASK: PM On site

mp

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



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Matt Popen

DATE: 1-27-10

Contract #

Liro Job #:

HOURS: 0500-1730

TASK: PM On site

MP

TIME	ACTIVITY
	McCurdy's Bldg. Minor 4, SB1, 4A, 3B
0500	Arrived on site. Cal/Set up finals for Minor 4 on the 6 th Floor.
0530	Samples Running.
0545	Set up backgrounds SB
0700	Broke down finals
0715	Broke down backgrounds
0730	Cal/Set up pumps for IIB 4A, IIA SB1, IIA 3B
0830	Brought finals and backgrounds to lab
1030	Jarrold Miner on site. I helped him unload equipment and cassettes. Lab called, overloaded samples from Monday 4A. Demo outside work area causing dust problems. Env. Samples from outside 5C and 6F glue dot areas were high due to dusty conditions. Wet methods were used but other demo on these floors was causing dust around.
1300	Dumpster exchange. I spoke with Vtec about floor tile on 5 th floor. There is 535 ft ² . Extra FP is not yet measured.
1500	Removed/finished in 4A this afternoon. They are cleaning now. Prep continues in SB1 and 3B. Exploratory demo now complete, they will begin prep work for tent set up. 4 th floor decon being used as remote decon.
1730	Collected samples. Vtec ready to prep tents for 5 th floor PI above plaster ceilings. Collected samples. Jarrold Miner will be on site again tomorrow to learn the building and help out.

Envoy Environmental Consultants Inc.

Empire State Development

Project Monitor Visual Inspection Report



As per 12NYCRR Part 56 amended January 11, 2006

Building & Location: McCuehys minor 4 6th Job Ticket # 36155

Project Description: ESDC Work Area: marks. PROJECT # 09-1080

Client/Owner (Print Name): BEI Client/Owner Representative (print name): Rich Rupertus NYSDOL Asbestos Handling Certificate Number: 09-07919

Abatement Contractor: Rich Rupertus Supervisor (print name): Rich Rupertus NYSDOL Asbestos Handling Certificate Number: 09-07919

Yes ☒ No ☐ Supervisors Visual Inspection Completed? Supervisor Completing Visual Inspection (print name): 08-10392 NYSDOL Asbestos Handling Certificate Number: 1-26-10

Project Monitor (Print Name): Matt Popen NYSDOL Asbestos Handling Certificate Number: 1-26-10

Site Emergency Phone: _____

Job Type: Class I ☒ Class II ☐ minor PI

Job Size: Large ☐ Small ☐ Material 15 Sq 10 Ft

Project Monitor Visual Inspection Checklist

Section A				Section B				Section C			
Inspectors Checklist				Visual Inspection				Procedures/ Paperwork			
Needs				Needs				Needs			
SAT Action N/A				SAT Action N/A				SAT Action N/A			
Equipment Not Required				Personal Decontamination Unit Required to Pass				Paperwork & Procedures Required to Pass			
1. Flashlight <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				22. Clean & Free of Debris & Dust <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				42. Written Scope of Work (attached) <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
2. Knife or pointed object <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				23. No Visible Pools of Liquid <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				43. Verbal Scope of Work (see below) <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>			
3. Respirator <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				24. No condensation <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				44. Supervisor Present <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
4. Hard Hat <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				25. All Isolation Barriers intact <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				45. Wait period observed <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
5. Safety Glasses <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Waste Decontamination Unit Required to Pass				Paperwork & Procedures Not Required			
6. Tyvek Suit <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				26. Clean & Free of Debris & Dust <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				45. Area Asbestos Survey <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
7. Gloves <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				27. No Visible Pools of Liquid <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				46. Sign into work area <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
Inspection Not Required				28. No condensation <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				47. Sign out of work area <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
8. Enter all Spaces <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				29. All Isolation Barriers intact <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				48. Entry into Supervisors Log <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
9. Inspect at Close Range <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Regulated Abatement Work Area Required to Pass				49. Detail Findings <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
Areas to Inspect Not Required				30. No Visible Pools of Liquid <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				50. Enter Full Name <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
10. Permanent Fixtures <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				31. No condensation <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				51. Enter AH Cert. Number <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
11. Light Fixtures <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				32. All Criticals intact <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				52. Worker Present <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
12. Ductwork <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				33. All Isolation Barriers Intact <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
13. Elevated Horizontal Surfaces <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				34. No Unremoved Materials <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
14. Pipes <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				35. No Visible Debris <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
15. Ceiling Grids/Sprinkler Heads <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				36. No Visible Dust <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
16. Conduits <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				37. Examine Contractor Equipment <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
17. Houseman Channels <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				38. Negative Air in Operation <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
18. Floor and Wall Penetrations <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				39. No Debris or Water under Plastic <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
19. Creases & Folds in Criticals <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				40. Completeness of Abatement** <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
20. Walls & Corners <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				41. Completeness of Clean-up** <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
21. Floors <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>											

Inspection requires a project monitor review of a written scope of work prior to the visual inspection to assure completeness of abatement and clean up.

Deficiencies, Corrections or notes Briefly list all deficiencies and target compliance dates

1.
2.
3.
4.

Verbal Scope of Work (any verbal scope of work supplied by the contractor must be written below, if materials within the regulated area to remain also state this).

Supervisors Signature <u>Rich Rupertus</u>	Date <u>1-26-10</u>
Project Monitor Signature <u>M. M. Popen</u>	Date <u>1-26-10</u>
PASS <input checked="" type="checkbox"/> Area Cleared to proceed with Clearance Airs FAIL <input type="checkbox"/> Area needs Reclean and Reinspection	

This report represents the condition of the above mentioned site at the time and date the observations were made. Inspection performed by certified project monitor, scope does not include full project monitoring responsibilities as defined by 12 NYCRR Part 56-3.2(d)(8). Inspection was performed in accordance with 12NYCRR 56-9.1(d) & (d)(1) and ASTM document E-1386-05, (8.4.1 & 8.4.5). Visual inspections do not include inspections behind, under or above critical or isolation barriers. This inspection is the responsibility of the asbestos abatement's supervisor under subpart 56-9.3 of ICR-56.

Copy delivered to: _____ On Date: _____ By: _____

FVI form

White - Envoy / Paradigm Yellow - LiRo Pink - Contractor

Certifications

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

ASBESTOS HANDLING LICENSE

Envoy Environmental Consultants, Inc.

57 Ambrose Street

Rochester, NY 14608

FILE NUMBER: 0240527
LICENSE NUMBER: 28454
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 05/26/2010
EXPIRATION DATE: 06/30/2011

Duly Authorized Representative: Geoffrey M. Reed

This license has been issued in accordance with applicable provisions of Article 80 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 asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

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

Maureen A. Cox

Maureen A. Cox, Director
FOR THE COMMISSIONER OF LABOR

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

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.





National Voluntary
Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Paradigm Environmental Services, Inc.
179 Lake Avenue
Rochester, NY 14608
Mr. Bruce Hoogesteger
Phone: 585-647-2530 Fax: 585-647-3311
E-Mail: bhoogesteger@paradigmenv.com
URL: <http://www.paradigmenv.com>

BULK ASBESTOS FIBER ANALYSIS (PLM)

NVLAP LAB CODE 200530-0

NVLAP Code Designation / Description

18/A01 EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

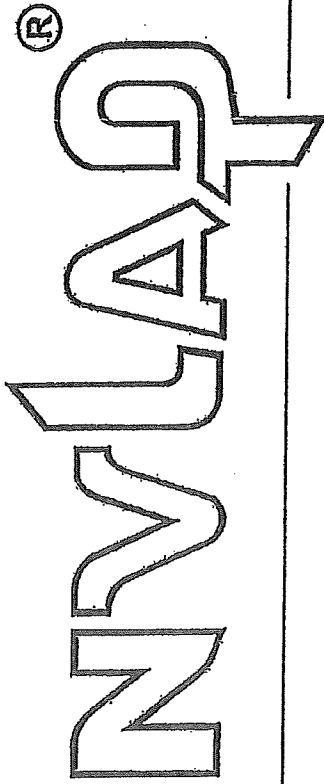
2009-07-01 through 2010-06-30

Effective dates

Sally A. Bruce

For the National Institute of Standards and Technology

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

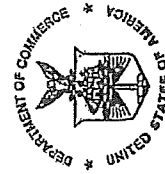
NVLAP LAB CODE: 200530-0

Paradigm Environmental Services, Inc.
Rochester, NY

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

BULK ASBESTOS FIBER ANALYSIS

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



2009-07-01 through 2010-06-30

Effective dates

Dolly J. Bruce
For the National Institute of Standards and Technology

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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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

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STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



MATTHEW Q. POPEN
CLASS (EXPIRES)
G-ATEC (07/10) H-PM (07/10)



CERT# 08-10392
DMV# 724826626

MUST BE CARRIED ON ASBESTOS PROJECTS

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



JARROD D. MINER
CLASS (EXPIRES)
O-ATEC (06/11) H-PM (06/11)



CERT# 10-00223
DMV# 845680311

MUST BE CARRIED ON ASBESTOS PROJECTS