Empire State Development Corporation

at

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

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

June 9 - July 7, 2010

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

Notifications & Quantities
Cover Summary

PARADIGM
ENVIRONMENTAL SERVICES, INC.

WWW.PARADIGMENV.COM

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

July 14, 2010

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

Re: Midtown Plaza Asbestos Abatement

Dear Mr. Smith:

This cover letter serves as a formal introduction to the Project and Air Monitoring records for the Midtown Plaza McCurdy's Basement, Work Area B3 at the above referenced project site. All detailed records are attached, grouped and tabulated by major record type. These include: *survey and confirmed removal quantities, applicable variances, daily air logs, daily air sampling reports, miscellaneous bulk sample reports, daily project monitoring logs, maps of sampling locations, and field and lab certifications.* Abatement contractor certifications and signed off work plans are incorporated by reference only. These documents are found in the *containment logs, maintained by LIRO Engineers,* for the dates referenced below.

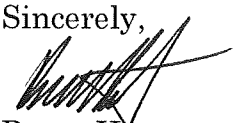
The project containment set up began on June 9, 2010. The project continued until completion of abatement as confirmed by satisfactory air samples and Final Visual Inspection on July 7, 2010.

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

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

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

Sincerely,



Bruce Hoogesteger
Paradigm Environmental Services, Inc.

Asbestos Project Notification

Project Reference Number:	25747002	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.

1123 Beaver Street

Bristol PA 19007

Asbestos License Number: 31019

Mailing Address

Duly Authorized Representative

Ernest M Decaro III, Officer

Phone Number: 215-788-6040

E-mail Address: joycel@beigroup.com

Project Information

Project Start Date: 11/2/2009

Project End Date: 9/2/2010

Project Location County: Monroe

Project Location

Building Name: mccurdy bldg.

Room or Location: all floors

Bridge ID#:

Address Line 1: 285 east main st.

Address Line 2:

City Town or Village: rochester

State: New York

Zip Code: 14604

Building Information

Current Use: Vacant

Prior Use: Other

Approximate Year Built: 1960

Size(sq.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

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	Address Line 1:	5105 lockport rd
Apt./Suite:		City Town or Village:	lockport
Address Line 2:		State:	NY
Province:		Country:	United States
Zip Code:	14094		
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 vehitlation machines, water hoses airless sprayers collapsible showers respirators

Air Monitoring Firm

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

Laboratory Performing Analysis

Name:	ELAP Registration Number:
paradigm	10958

Type of Asbestos Work

Pipe Related:	Yes	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: 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: iesi seneca meadows
Phone Number: 3155395624
Apt./Suite:
Address Line 1: 1786 salcman rd
Address Line 2:
City Town or Village: waterloo
Province:
State: NY
Zip Code: 13165
Country: United States

Type and Amount of Asbestos Containing Material

Friable linear feet:	7660	Friable square feet:	175450
Non-friable linear feet:	6300	Non-friable square feet:	147700

Fee

Total linear feet: 13960.0
Total square feet: 323150.0
Total Fee: 4000.0

Project Fee Schedule

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

Linear Feet:	Fee	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:	26747002	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.

1123 Beaver Street

Bristol PA 19007

Asbestos License Number: 31019

Mailing Address

Duly Authorized Representative

Ernest M Decaro III, Officer

Phone Number: 215-788-6040

E-mail Address: joycel@beigroup.com

Project Information

Project Start Date: 11/2/2009

Project End Date: 9/2/2010

Project Location County: Monroe

Project Location

Building Name: mccurdy bldg.

Room or Location: all floors

Bridge ID#:

Address Line 1: 285 east main st.

Address Line 2:

City Town or Village: rochester

State: New York

Zip Code: 14604

Building Information

Current Use: Vacant

Prior Use: Other

Approximate Year Built: 1960

Size(sq.ft): 460000

Is this fee exempt project?: NO

Reason:

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: iesi seneca meadows
Phone Number: 3155395624
Apt./Suite:
Address Line 1: 1786 salcman rd
Address Line 2:
City Town or Village: waterloo
Province:
State: NY
Zip Code: 13165
Country: United States

Type and Amount of Asbestos Containing Material

Friable linear feet:	7660	Friable square feet:	175450
Non-friable linear feet:	6300	Non-friable square feet:	147700

Fee

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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.

- [x] 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 23-2767309

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? [x] No [ ] Yes

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

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

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)

- [x] Pipe related
- [x] Roofing/flashing
- [x] Caulking/Mastic
- [ ] Clean up
- [x] Vessel covering
- [ ] Siding
- [x] VAT
- [x] Sprayed on insulation
- [x] 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 Salcman Road

City, Town or Village: Waterlou

State: NewYork or Province: _____

Zip Code: 13165

Phone number: 315-539-5624

19. Type and amount of asbestos-containing material involved

Friable linear feet	7,660	Friable square feet	175,450
Non-Friable linear feet +	6,300	Non-Friable square feet +	147,700
Total linear feet	= 13,960	Total square feet	= 323.150

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
[ ] 0 – 259 .....($0)	[ ] 0 – 159 .....($0)
[ ] 260 – 429 ..... ($200)	[ ] 160 – 259 ....($200)
[ ] 430 – 824 ..... ($400)	[ ] 260 – 499 ..... ($400)
[ ] 825 – 1649 ..... ($1,000)	[ ] 500 – 999 .... ($1,000)
[x] 1650 or more ..... ($2,000)	[x] 1000 or more ..... .($2,000)

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

E. Remarks

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

G. 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 cosigns or stamps)

Signature of the Contractor or Duly Authorized Representative — Date: 10-15-09

Print name of the Contractor or Duly 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.

Type of notification		Method of notifying: Written notification	Telephone 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
Amended	Cancelled	At least 1 calendar day prior to initial notification start date	At least 1 calendar day prior to initial notification start date
Amended	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 __X__ 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 **X** No
i. Current function of building: **Vacant**

j. Approximate area (square feet) of building: **500,000** k. Number of stories or height in feet: **6**
l. What is within 25 feet of all four sides (North, South, East, West) of building? i.e. sidewalk, alley, land, another building, etc.:
Sidewalks, alleys and other vacant buildings in Midtown complex

6. **Order To Comply or Notice of Violation.** Attach copy. **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**

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

8. **Work Area Description Table:** Attach additional tables and scale drawings of work area and pictures, as needed.

Work Area Designation	Exterior or Interior	Work/Room Area Dimensions	Type of Asbestos Containing Material (ACM)	Quantity of ACM	Condition of ACM (level of damage)	Friability of ACM (non-friable or friable)	Type of Containment (full, 2-layer tent, single layer tent, open-air, etc.)
			Please refer to attachments for all ACM quantities				

9. **ICR 56 Relief Sought:** List the individual sections of ICR 56 for which relief is sought, for each work area or method used. Provide sufficient detail in an attachment. **see attachments**

10. **Hardship Description:** What is the hardship, (e.g. Limited room for decons, exhaust ducts must be longer than 25 feet, all surfaces are contaminated and cannot be plasticized) for each work area or method used? Provide sufficient detail in an attachment. Include condemnation letter or EPA Approval letter if applicable. **see attachments**

11. **Proposed Abatement Method Description for each work area or method used.** Include scale drawings and pictures as necessary. Lack of sufficient detail will delay issuance of variance decision.
    a. Will proposed abatement methods render non-friable ACM material friable? _____ Yes _____ No
    b. What proposed abatement method, increased engineering controls and detailed procedures will be used to compensate for the relief being sought? (i.e. Increased negative air rate, negative pressure glovebag, negative pressure glovebox, high temperature glovebag, intact component removal, etc.) Include sufficiently detailed procedures to complete the proposed work. **see attachments**

Project Designer Certification

I request that the Commissioner of Labor issue a variance from the requirements of Industrial Code Rule (ICR) 56. This request is based on the information in this application and the attached documents.

I certify that the information contained in this petition is true and accurate.

I understand that if a variance is granted it may be withdrawn by the Commissioner:

- If any of the information provided in this petition is found to be inaccurate or
- If there are violations of Article 30 of the New York State Labor Law or New York State regulations.

I give the Commissioner of Labor permission to provide all of my companies records for Unemployment Insurance (U.I.) reports and contributions to employees of the New York State Department of Labor. This includes information about withholding, wage reporting, U.I. returns, U.I.registration, New Hires, and all records of U.I. delinquencies. This information may only be used for government purposes regarding the licensing and certification of this company as required by Article 30 of the New York State Labor Law and the regulations of the New York State Department of Labor, and for monitoring the company's compliance with Article 30 and ICR 56.

12 a. Project designer name (print): **Robert Barr**

b. Project Design Asbestos Contractor firm name: **56 Services, Inc.**

c. Street: **PO Box 561**

d. City: **Buffalo** e. State: **NY** f. Zip: **14213** g. Phone: **(716) 341 - 8601**

h. Designer certificate number: **93-19183** i. Expiration Date: **04 / 03 / 10**

j. Design Firm Asbestos Contractor License Number **29631** k. Expiration Date: **03 / 31 / 10**

13 a. Project designer signature: _____ b. Date: **10 / 01 / 09**

McEvoy's

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

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

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

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

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

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

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

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

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

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

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

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

56-7.2 (o) Ventilation for Power Tools – Relief from the section is primarily a clarification of the applicability of the ventilation requirement to "powered" equipment that is 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 aforecited Sections of 12 NYCRR 56, the following procedures will preserve the spirit and intent of the regulation by ensuring safety of abatement personnel and the public:

General

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

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

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

Equipment Clarifications

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

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

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

- Hand held power assisted Pneumatic / electric scrapers used for gross removal (shearing) of fireproofing will use continual wetting of friable ACM material.
- All combustion by-products of powered material handling equipment (i.e. fork truck, skid steer, mini-loader, etc.) will be monitored as per current OSHA regulations and control established as necessary for adequate protection of personnel in work area.

Sequencing of Work Area Preparation and Removals

- The work area(s) will be vacated and demarcated utilizing barrier tape and proper signage.
- Attached personal and waste decontamination system enclosures will be constructed in accordance with 56-7.5.
- Critical barriers shall be installed within the work areas over openings, air receptors, operable windows, etc. Where necessary, these barriers will also be mechanically fastened and/or supported. Openings 2" or less in any dimension may be sealed airtight using any effective combination of poly sheeting, tape and/or expanding spray foam.

- Uncontaminated walls that are to remain within the work area will be plasticized with 1 layer of flame retardant 6 mil poly sheeting sealed with glue and tape. Contaminated surfaces and/or components to be demolished will not be plasticized and will instead be removed as contaminated waste or, if non-porous and fully cleanable, cleaned as part of the abatement process.
- Negative air pressure will be established to provide and minimum of eight (8) air changes per hour and -0.02 column inches of water pressure differential relative to pressure outside of the regulated abatement work area. Controlled stairwells will be used to exhaust negative air machines to roof level adhering to 56-7.8 (11) and including conditions and relief granted by AV-A-2.
- After establishing the 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.

- 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.

- 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.

09 0943

APPROVED

JAN 20 2010

New York State Dept. of Labor
Engineering Services Unit

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

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

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

- Set-up OSHA barrier tape and proper signage.
- Set-up large project remote decon.
- Install drop cloth in work area.
- Workers to wear two suits, remove one suit prior to leaving work area.
- 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 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.

* Full time Project Monitor to oversee work

Thank you for your help in this matter.

Sincerely,

Robert Barr
NYS Project Designer #93-19183

Daily Logs & Air Data

ENVOY
environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☑ Matt Rogers Date: 6-9-10 Job Ticket #: 40385

Building / Location: McCurdys Work Area: B3 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

Project Phase: Phase IB ☐ Backgrounds; Phase IIA ☑ Work Preparation samples; Phase IIB ☐ Asbestos Handling Samples; Phase IIC ☐ Final Cleaning Samples; Phase IIC ☐ Clearance Air Samples

Job Type: Class I ☑; Class II ☐; Large ☑; Small ☐; Minor ☐

Type of Material: PP 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 0630

Cal / Set up @ 0800

broke down 1710

Air Technician Signature

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

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☐ 1815 Love Road, Grand Island, NY 14072 Office (716)775-5777 Fax (716) 775-5778

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 7776-10
Job Ticket # 410385 SO of 10
Project # 09-1080

7776-10

Empire State Development Corporation

Client MTC Curtys	**Client Contact** ESDC Marks.
Building/Location B3	**Work Area** B1
Contractor	**Contractor Contact**
Rotometer # 69	**Cassette Lot #**
Air Technician Matt P.	**Air Technician Phone**
Fax Results To:	**Fax #**
Materials to be Removed	

Project Phase

△ **Phase IB** ☐ *Background*
☐ **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		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	0800	0800	0801	0802	0805							
End Time Military Time	1710	1710	1711	1712	1715							
Duration (Minutes)	550	550	550	550	550							
Sample Volume (Liters)	1650	1650	1650	1650	1650							

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ *Buf ELAP ID # 11955* ☐ *Roch ELAP ID # 10958*

Lab Sample #	52 147	148	149	150	151		152	153				
Fibers/100 Fields:	8.5	3	9	15	2		0	0				
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01		—	—				

Sampled by: M. H Ryan	Date: 6-9-10
Relinquished by:	Date:
Received in Lab By: SC	Date: 6-9-10
Analyzed By: JS	Date: 6/10/10
Microscope Make, Model & #: 2a1113	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments:

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: ☑ Matt Roper

Date: 6-30-10

Job Ticket #: 40387

Building / Location: McCarthys

Work Area: B3

Shift (A) B C

Project Description

ESDC

Client / Owner (Print Name)

Mark

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 ☐

Map Completed

65

Rotometer Number

Date of Last Calibration

Project Phase

Phase IB ☐ Backgrounds

Phase IIA ☑ Work Preparation samples

Phase IIB ☐ Asbestos Handling Samples

Phase IIC ☐ Final Cleaning Samples

Phase IIC ☐ Clearance Air Samples

Job Type

Class I ☑

Class II ☐

Large ☑

Small ☐

Minor ☐

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 0630

Cal/Set up 0710

broke down 1710

M. Roper

Air Technician Signature

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

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Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 7852-10
Job Ticket # 40387
Project # 09-1080

7852-10

Empire State Development Corporation

Client: McCurdys	Client Contact: Mark S.
Building/Location: B1	Work Area: B3 Rich
Contractor:	Contractor Contact:
Air Technician: Matt P.	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. ☐
Background	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	0708	0708	0709	0710	0704							
End Time Military Time	1708	1708	1709	1710	1704							
Duration (Minutes)	600	600	600	600	600							
Sample Volume (Liters)	1800	1800	1800	1800	1800							

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ Buf ELAP ID # 11955 ☒ Roch ELAP ID # 10958

Lab Sample #	772	773	774	775	776		777	778				
Fibers/100 Fields:	1.5	18	6	15	6		0	0				
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01		—	—				

Sampled by: Matt Pagen	Date: 6-10-10
Relinquished by:	Date:
Received in Lab By: JS	Date: 6/11/10
Analyzed By: JS	Date: 6/11/10
Microscope Make, Model & #: 221113	Turn-around Time: Immed. 24 Hr. 48 Hr.

Comments:

White - Lab Original Yellow - Lab Copy Pink - Project Folder Goldenrod - Technician

ENVOY
environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☒ Matt Popen Date: 6-11-10 Job Ticket #: 40390

Building / Location: McCurdys Work Area: B3 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 ☐ 609
Map Completed Rotometer Number Date of Last Calibration

Project Phase: Phase IB ☐ Backgrounds; Phase IIA ☒ Work Preparation samples; Phase IIB ☐ Asbestos Handling Samples; Phase IIC ☐ Final Cleaning Samples; Phase IIC ☐ Clearance Air Samples

Job Type: Class I ☒; Class II ☐; Large ☒; Small ☐; Minor ☐

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 0530

Cal/Set up 0600

broke down 1430

Air Technician Signature

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

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7913-10

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Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #	7913-10
Job Ticket #	40390
Project #	09-1080

6/11

Empire State Development Corporation

Client	Marks.
Building/Location McCurdys	**Work Area** B3
Contractor BE	**Contractor Contact** Rich
Rotometer # 69	**Cassette Lot #**
Client Contact Matt P.	**Client Contact Phone**
Air Technician	**Air Technician Phone**
Fax Results To:	**Fax #**
Materials to be Removed	

Project Phase

△ **Phase IB** ☐ *Background*
□ **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		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	0608	0608	0609	0609	0604							
End Time Military Time	1438	1438	1439	1439	1434							
Duration (Minutes)	510	510	510	510	510							
Sample Volume (Liters)	1530	1530	1530	1530	1530							

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ *Buf ELAP ID # 11955* ☐ *Roch ELAP ID # 10958*

Lab Sample #	5179	180	181	182	183		184	185				
Fibers/100 Fields:	3	10	6.5	7	2		0	0				
Fibers/cc:	LO.01	LOd	10.01	LO.01	LO.01		—	—				

Sampled by: M. Hogan	Date: 6-11-10
Relinquished by:	Date:
Received in Lab By: Brittany Heathrington	Date: 6/11/10
Analyzed By: JS	Date: 6/12/10
Microscope Make, Model & #: a21113	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments:

White - Lab Original Yellow - Lab Copy Pink - Project Folder Goldenrod - Technician

ENVOY
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Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☑ Matt Popson Date: 6-14-10 Job Ticket #: 40391

Building / Location: McCurdys Work Area: B3 Shift A B C

Project Description

ESDC — Client / Owner (Print Name)
Client / Owner Representative (Print Name)
Mark. — Client Contact (Print Name)

BEI — Abatement Contractor (Print Name)
Rich — Abatement Supervisor (Print Name)
NYSDOL Asbestos Handling Certificate Number

Yes ☑ No ☐ — Map Completed
65 — Rotometer Number
Date of Last Calibration

Project Phase: Phase IB ☐ Backgrounds; Phase IIA ☐ Work Preparation samples; Phase IIB ☑ Asbestos Handling Samples; Phase IIC ☐ Final Cleaning Samples; Phase IIC ☐ Clearance Air Samples

Job Type: Class I ☑; Class II ☐; Large ☑; Small ☐; Minor ☐

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 0630

Col / set up 0700

broke down 1700

Air Technician Signature

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

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Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 71610

Job Ticket # 40391 B

Project # 09-1080

Empire State Development Corporation

Client McCurdys	B3	Mark S.	
Building/Location	**Work Area**	**Client Contact**	**Client Contact Phone**
BE1	Rich	Matt P.	
Contractor	**Contractor Contact**	**Air Technician**	**Air Technician Phone**
68			
Rotometer #	**Cassette Lot #**	**Fax Results To:**	**Fax #**
		Materials to be Removed	

Project Phase

△ **Phase IB** ☐ *Background*
☐ **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	013	014		B1	B2
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0700	0700	0701	0702	0704	0703	0702	0706	0707			
End Time Military Time	1700	1700	1701	1702	1704	1703	1702	1706	1707			
Duration (Minutes)	600	600	600	600	600	600	600	600	600			
Sample Volume (Liters)	1800	1800	1800	1800	1800	1800	1800	1800	1800			

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ *Buf ELAP ID # 11955* ☐ *Roch ELAP ID # 10958*

Lab Sample #	1	2	3	4	5	6	7	8	9		10	11
Fibers/100 Fields:	1	13	8	15	6	4	9	3	4		0	0
Fibers/cc:	<0.001	0.003	0.002	0.004	0.002	<0.001	0.002	<0.001	<0.001			

Sampled by: M.H Poller	Date: 6-14-10
Relinquished by:	Date: 6/14/10
Received in Lab By: M Smith	Date: 6/15/10
Analyzed By: M Smith	Date: 6/15/10
Microscope Make, Model & #: OLY CH2	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments:

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: ☒ Matt Popken Date: 6-15-10 Job Ticket #: 40393

Building / Location: McCurdy's Work Area: B3 Shift (A) B C

Project Description: ESDC Client / Owner (Print Name)

Client / Owner Representative (Print Name): mark Client Contact (Print Name)

Abatement Contractor (Print Name): BE1 Abatement Supervisor (Print Name): Rich NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐ Map Completed Rotometer Number: 69 Date of Last Calibration

Project Phase: Phase IB ☐ Backgrounds Phase IIA ☐ Work Preparation samples Phase IIB ☒ Asbestos Handling Samples Phase IIC ☐ Final Cleaning Samples Phase IIC ☐ Clearance Air Samples

Job Type: Class I ☒ Class II ☐ Large ☒ Small ☐ Minor ☐

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 0630

Cal / set up pumps @ 0700

broke down @ 1700

Air Technician Signature

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

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Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #	8054-10
Job Ticket #	410393
Project #	09-1050

8054-10

Empire State Development Corporation

Client	Marks.
Client Contact / **Client Contact Phone**	
McCurdys	B3
Building/Location	**Work Area**
Matt P.	
Air Technician / **Air Technician Phone**	
BE1	Rich
Contractor	**Contractor Contact**
Fax Results To: / **Fax #**	
69	
Rotometer #	**Cassette Lot #**
Materials to be Removed	

Project Phase

△ **Phase IB** ☐ *Background*
☐ **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	013	014	B1	B2	
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0700	0700	0701	0702	0704	0702	0701	0708	0709			
End Time Military Time	1700	1700	1701	1702	1704	1702	1701	1708	1709			
Duration (Minutes)	600	600	600	600	600	600	600	600	600			
Sample Volume (Liters)	1800	1800	1800	1800	1800	1800	1800	1800				

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ *Buf ELAP ID # 11955* ☒ *Roch ELAP ID # 10958*

Lab Sample #	54102	103	104	105	106	107	108	109	110	111	112	
Fibers/100 Fields:	12	10	8	15	9	7.5	11	16	3	0	0	
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	—	—	

Sampled by: Matt Polen	Date: 6-15-10
Relinquished by:	Date:
Received in Lab By: Brittany Heathingaton	Date: 6/16/10
Analyzed By:	Date: 6.16.10
Microscope Make, Model & #: J35757	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments:

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: ☑ Matt Popen

Date: 6-16-10

Job Ticket #: 40396

Building / Location: McCurdys

Work Area: B3

Shift (A) B C

Project Description

ESDC

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Mark

Client Contact (Print Name)

BEI

Abatement Contractor (Print Name)

Rich

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☑ No ☐

Map Completed

69

Rotometer Number

Date of Last Calibration

Project Phase	Phase IB ☐ Backgrounds	Phase IIA ☐ Work Preparation samples	Phase IIB ☑ Asbestos Handling Samples	Phase IIC ☐ Final Cleaning Samples	Phase IIC ☐ Clearance Air Samples
	Class I ☑	Class II ☐	Large ☑	Small ☐	Minor ☐

Job Type

FP

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 0630

Cal/Set up 0700

Break down 1700

Air Technician Signature

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Lab Job # 72810

Job Ticket # 410396

Project # 09-1080

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Empire State Development Corporation — Client

Mark S. — Client Contact — Client Contact Phone

McCurdys — Building/Location: B3 — Work Area

MaHP — Air Technician — Air Technician Phone

BEI — Contractor: Rich — Contractor Contact

Fax Results To: — Fax #

69 — Rotometer #: — Cassette Lot #:

Materials to be Removed

Project Phase: △ Phase IB ☐ Background; □ 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	013	014		B1	B2
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0700	0700	0701	0702	0705	0702	0701	0706	0709			
End Time Military Time	1700	1700	1701	1702	1705	1702	1701	1706	1709			
Duration (Minutes)	600	600	600	600	600	600	600	600	600			
Sample Volume (Liters)	1800	1800	1800	1800	1800	1800	1800	1800	1800			

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ Buf ELAP ID # 11955 ☐ Roch ELAP ID # 10958

Lab Sample #	1	2	3	4	5	6	7	8	9		10	11
Fibers/100 Fields:	2	17	68	11	13	19	34	8	10		0	0
Fibers/cc:	<0.001	0.004	0.018	0.003	0.003	0.005	0.009	0.002	0.003			

Sampled by: Matt Poffen	Date: 6-16-10
Relinquished by:	Date:
Received in Lab By: M Smith	Date: 6/17/10
Analyzed By: M Smith	Date: 6/17/10
Microscope Make, Model & #: OLY CH2	Turn-around Time: Immed. 24 Hr. (48 Hr.)

Comments:

White - Lab Original Yellow - Lab Copy Pink - Project Folder Goldenrod - Technician

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Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☑ Matt Popen Date: 6-17-10 Job Ticket #: 40347

Building / Location: McCurdys Work Area: B3 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

Project Phase: Phase IB ☐ Backgrounds; Phase IIA ☐ Work Preparation samples; Phase IIB ☑ Asbestos Handling Samples; Phase IIC ☐ Final Cleaning Samples; Phase IIC ☐ Clearance Air Samples

Job Type: Class I ☑; Class II ☐; Large ☑; Small ☐; Minor ☐

Type of Material: PP 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 0630

Cal / Set up @ 0700

brake down @ 1700

Air Technician Signature

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

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Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 8228-10
Job Ticket # 40347 (1/18 BH)
Project # 09-1050

Empire State Development Corporation — Client

Marks — Client Contact / Client Contact Phone

McCurdys — Building/Location
B3 — Work Area

MaHP — Air Technician / Air Technician Phone

BE — Contractor / Contractor Contact

Fax Results To: / Fax #

69 — Rotometer # / Cassette Lot #

Materials to be Removed

Project Phase: △ Phase IB ☐ Background; □ 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	013	014	Blank	Blank	
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0700	0700	0701	0702	0704	0701	0702	0705	0708			
End Time Military Time	1700	1700	1701	1702	1704	1701	1702	1705	1708			
Duration (Minutes)	600	600	600	600	600	600	600	600	600			
Sample Volume (Liters)	1800	1800	1800	1800	1800	1800	1800	1800	1800			

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ Buf ELAP ID # 11955 ☐ Roch ELAP ID # 10958

Lab Sample #	55400	401	402	403	404	405	4060	407	408a	408b	408c	
Fibers/100 Fields:	4	1	11	8.5	7	6	4	1	3	0	0	
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	—		

Sampled by:	Date: 6-17-10
Relinquished by: Matt Poplin	Date:
Received in Lab By: Bethany Heathenrogton	Date: 6/18/10
Analyzed By:	Date: 6-21-10
Microscope Make, Model & #: 23757	Turn-around Time: Immed. 24 Hr. 48 Hr.

Comments:

White - Lab Original Yellow - Lab Copy Pink - Project Folder Goldenrod - Technician

ENVOY
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Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☑ Matt Roffer

Date: 6-18-10

Job Ticket #: 410350

Building / Location: McCurdys

Work Area: B3

Shift (A) B C

Project Description

ESDC

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Mark

Client Contact (Print Name)

BEI

Abatement Contractor (Print Name)

Rich

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☑ No ☐

Map Completed

69

Rotometer Number

Date of Last Calibration

Project Phase	Phase IB ☐ Backgrounds	Phase IIA ☐ Work Preparation samples	Phase IIB ☑ Asbestos Handling Samples	Phase IIC ☐ Final Cleaning Samples	Phase IIC ☐ Clearance Air Samples
Job Type	Class I ☑	Class II ☐	Large ☑	Small ☐	Minor ☐

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 0530

Cal / Set up 0600

broke down 1330

Matthew Roffer

Air Technician Signature

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Lab Job # 8252-10
Job Ticket # 40350
Project # 09-1080

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

8252-10

Empire State Development Corporation — Client

ESDC Mark. — Client Contact / Client Contact Phone

McCurdys — Building/Location: B3 — Work Area

Matt Poplen — Air Technician / Air Technician Phone

BE1 — Contractor: Rich — Contractor Contact

Fax Results To: / Fax #

69 — Rotometer # / Cassette Lot #

Materials to be Removed

Project Phase: △ Phase IB ☐ Background; ☐ 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	013	014		B1	B2
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0600	0600	0601	0601	0604	0601	0602	0604	0608			
End Time Military Time	1330	1330	1331	1331	1334	1331	1332	1334	1338			
Duration (Minutes)	450	450	450	450	450	450	450	450	450			
Sample Volume (Liters)	1350	1350	1350	1350	1350	1350	1350	1350	1350			

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ Buf ELAP ID # 11955 ☐ Roch ELAP ID # 10958

Lab Sample #	5521	522	523	524	525	526	527	528	529		50	571
Fibers/100 Fields:	0.5	10.5	6.5	5.5	6.5	5	7	3	2.5		0	0
Fibers/cc:	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01		N/A	N/A

Sampled by: Matt Poplen	Date: 6-18-10
Relinquished by:	Date:
Received in Lab By:	Date: 6-18-10
Analyzed By: SC	Date: 6-19-10
Microscope Make, Model & #: 235757	Turn-around Time: Immed. 24 Hr. 48 Hr.

Comments:

White - Lab Original Yellow - Lab Copy Pink - Project Folder Goldenrod - Technician

ENVOY
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Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐ / Air Technician: ☒ Matt Popen — Date: 6-21-10 — Job Ticket #: 40352

Building / Location: McCurdys — Work Area: B3 — Shift (A) B C

Project Description: ESDC

Client / Owner (Print Name) | Client / Owner Representative (Print Name): Rich | Client Contact (Print Name): Mark S.

Abatement Contractor (Print Name): BE1 | Abatement Supervisor (Print Name) | NYSDOL Asbestos Handling Certificate Number

Map Completed: Yes ☒ No ☐ | Rotometer Number: 6 | Date of Last Calibration

Project Phase: Phase IB ☐ Backgrounds | Phase IIA ☐ Work Preparation samples | Phase IIB ☒ Asbestos Handling Samples | Phase IIC ☐ Final Cleaning Samples | Phase IIC ☐ Clearance Air Samples

Job Type: Class I ☒ | Class II ☐ | Large ☒ | Small ☐ | Minor ☐

Type of Material: FP. — 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 0650

Cal / Set up @ 0700

broke down @ 1700

Matthew C Popen

Air Technician Signature

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

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75210

Lab Job # 8415-10

Job Ticket # 40352 ✓ MH 6/21

Project # 09-1080

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Empire State Development Corporation

Client McCurdys	B3	Marks.	
Building/Location BE1	**Work Area** Rich	**Client Contact** Matt P	**Client Contact Phone**
Contractor 69	**Contractor Contact**	**Air Technician**	**Air Technician Phone**
Rotometer #	**Cassette Lot #**	**Fax Results To:**	**Fax #**
		Materials to be Removed	

Project Phase

△ **Phase IB** ☐ Background
□ **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	013	014		B1	B2
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0700	0700	0700	0701	0704	0701	0702	0704	0706			
End Time Military Time	1700	1700	1700	1701	1704	1701	1702	1704	1706			
Duration (Minutes)	600	600	600	600	600	600	600	600	600			
Sample Volume (Liters)	1800	1800	1800	1800	1800	1800	1800	1800	1800			

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ Buf ELAP ID # 11955 ☐ Roch ELAP ID # 10958

Lab Sample #	693 694	695	696	697	698	699	700	701	702		703	704
Fibers/100 Fields:	4	12.5	23	14	5	16	8	6	1		0	0
Fibers/cc:	<0.001	0.003	0.006	0.004	<0.001	0.004	0.002	0.002	<0.001			

Sampled by: Matt Pofahl	Date:
Relinquished by:	Date:
Received in Lab By: MPolumbo	Date: 6/21/10
Analyzed By: Matt Smith	Date: 6/22/10
Microscope Make, Model & #: Oly CH2	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments:

White - Lab Original Yellow - Lab Copy Pink - Project Folder Goldenrod - Technician

ENVOY

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Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☐ Matt Popen

Date: 6-22-10 Job Ticket #: 40354

Building / Location: McCurdys

Work Area: B3

Shift (A) B C

Project Description

ESDC
Client / Owner (Print Name)

Rich
Abatement Supervisor (Print Name)

Mark
Client Contact (Print Name)

BEI
Abatement Contractor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☑ No ☐
Map Completed

69
Rotometer Number

Date of Last Calibration

Project Phase: Phase IB ☐ Backgrounds; Phase IIA ☐ Work Preparation samples; Phase IIB ☑ Asbestos Handling Samples; Phase IIC ☐ Final Cleaning Samples; Phase IIC ☐ Clearance Air Samples

Job Type: Class I ☑; Class II ☐; Large ☑; Small ☐; Minor ☐

Type of Material

FP.

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 0630

Cal / set up @ 0700

brake down @ 1700

Air Technician Signature

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Lab Job # 8486070
Job Ticket # 40354
Project # 09-1080

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

8486-1

Empire State Development Corporation — Client

Mark — Client Contact — Client Contact Phone

McCurdys — Building/Location

B3 — Work Area

Matt P. — Air Technician — Air Technician Phone

BEI — Contractor

Rich — Contractor Contact

Fax Results To: — Fax #

69 — Rotometer #

Cassette Lot # —

Materials to be Removed

Project Phase: △ Phase IB ☐ Background; ☐ 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	013	014		B1	B2
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0700	0700	0700	0701	0704	0701	0702	0704	0706			
End Time Military Time	1700	1700	1700	1701	1704	1701	1702	1704	1706			
Duration (Minutes)	600	600	600	600	600	600	600	600	600			
Sample Volume (Liters)	1800	1800	1800	1800	1800	1800	1800	1800	1800			

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ Buf ELAP ID # 11955 ☐ Roch ELAP ID # 10958

Lab Sample #	57 106	107	108	109	110	111	112	113	114		115	116
Fibers/100 Fields:	3.5	13	9.5	6	5	5.5	9.5	2.5	3		0	0
Fibers/cc:	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01		N/A	N/A

Sampled by: Matt Pagen	Date: 6-22-10
Relinquished by:	Date:
Received in Lab By: Meganlynn	Date: 6/23/10
Analyzed By: SC	Date: 6-24-10
Microscope Make, Model & #: 235757	Turn-around Time: Immed. 24 Hr. 48 Hr.

Comments:

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: ☑ Matt Popen Date: 6-23-10 Job Ticket #: 410356

Building / Location: McCurdys Work Area: B3 Shift (A) B C

Project Description
ESDC Mark S.
Client / Owner (Print Name) Client / Owner Representative (Print Name) Client Contact (Print Name)

BE I 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

Project Phase	Phase IB ☐ Backgrounds	Phase IIA ☐ Work Preparation samples	Phase IIB ☑ Asbestos Handling Samples	Phase IIC ☐ Final Cleaning Samples	Phase IIC ☐ Clearance Air Samples
	Class I ☑	Class II ☐	Large ☑	Small ☐	Minor ☐

Job Type
FP. 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 0630

Cal / Set up 0700

broke down 1700

Air Technician Signature

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

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Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #	8588-10
Job Ticket #	403516 (6/23/10)
Project #	09-1080

Empire State Development Corporation

Client		Marks. **Client Contact**	**Client Contact Phone**
McCurdys	B3	Matt P.	
Building/Location	**Work Area**	**Air Technician**	**Air Technician Phone**
BE1	Rich		
Contractor	**Contractor Contact**	**Fax Results To:**	**Fax #**
69			
Rotometer #	**Cassette Lot #**	**Materials to be Removed**	

Project Phase

△ **Phase IB** ☐ *Background* | ☐ **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	013	014		B1	B2
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0700	0700	0700	0701	0704	0701	0702	0704	0706			
End Time Military Time	1700	1700	1700	1701	1704	1701	1702	1704	1706			
Duration (Minutes)	600	600	600	600	600	600	600	600	600			
Sample Volume (Liters)	1800	1800	1800	1800	1800	1800	1800	1800	1800			

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ *Buf ELAP ID # 11955* ☐ *Roch ELAP ID # 10958*

Lab Sample #	57812	813	814	815	816	817	818	819	820		821	822
Fibers/100 Fields:	0	7	8.5	0.5	2.5	3.5	2	2	11		0	0
Fibers/cc:	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01		N/A	N/A

Sampled by: M.H Pofan	Date: 6-23-10
Relinquished by:	Date:
Received in Lab By: Brittany Heathington	Date: 6/23/10
Analyzed By: SC	Date: 6-24-10
Microscope Make, Model & #: 235157	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments:

White - Lab Original Yellow - Lab Copy Pink - Project Folder Goldenrod - Technician

ENVOY

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Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☒ Matt Poplen Date: 6/24/10 Job Ticket #: 40357

Building / Location: McCurdys Work Area: B3 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

Project Phase: Phase IB ☐ Backgrounds; Phase IIA ☐ Work Preparation samples; Phase IIB ☒ Asbestos Handling Samples; Phase IIC ☐ Final Cleaning Samples; Phase IIC ☐ Clearance Air Samples

Job Type: Class I ☒; Class II ☐; Large ☒; Small ☐; Minor ☐

Type of Material: FP 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 0630

Cal / Set up 0700

Broke down 1700

Air Technician Signature

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

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8676-10

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Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 8676-10
Job Ticket # 40357
Project # 09-1080

Empire State Development Corporation

Client	**Client Contact** Mark S. **Client Contact Phone**
Building/Location McCurdys	**Work Area** B3
Contractor BEI	**Contractor Contact** Rich
Rotometer # 69	**Cassette Lot #**
Air Technician MaHP.	**Air Technician Phone**
Fax Results To:	**Fax #**
Materials to be Removed	

Project Phase

△ **Phase IB** ☐ *Background*
☐ **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	013	014		B1	B2
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0700	0700	0700	0701	0705	0701	0704	0705	0708			
End Time Military Time	1700	1700	1700	1701	1705	1701	1704	1705	1708			
Duration (Minutes)	600	600	600	600	600	600	600	600	600			
Sample Volume (Liters)	1800	1800	1800	1800	1800	1800	1800	1800	1800			

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ *Buf ELAP ID # 11955* ☒ *Roch ELAP ID # 10958*

Lab Sample #	538 539	540	541	542	543	544	545	546	547		548	549
Fibers/100 Fields:	1	1.5	3	2	5	1.5	2	1	2		0	0
Fibers/cc:	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01		—	—

Sampled by: M.H Ryan	Date: 6-24-10
Relinquished by:	Date:
Received in Lab By: Brittany Heathenington	Date: 6/25/10
Analyzed By: SS	Date: 6-25-10
Microscope Make, Model & #: 221113	Turn-around Time Immed. 24 Hr. 48 Hr.

Comments:

White - Lab Original Yellow - Lab Copy Pink - Project Folder Goldenrod - Technician

ENVOY
environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐ / Air Technician: ☐ Matt Rogers Date: 6-25-10 Job Ticket #: 40359

Building / Location: McCurdys Work Area: B3 Shift (A) B C

Project Description: ESDC

Client / Owner (Print Name) Client / Owner Representative (Print Name): Rich Client Contact (Print Name): Mark

Abatement Contractor (Print Name): BE1 Abatement Supervisor (Print Name) NYSDOL Asbestos Handling Certificate Number

Yes ☑ No ☐ Map Completed Rotometer Number: 69 Date of Last Calibration

Project Phase	Phase IB ☐ Backgrounds	Phase IIA ☐ Work Preparation samples	Phase IIB ☑ Asbestos Handling Samples	Phase IIC ☐ Final Cleaning Samples	Phase IIC ☐ Clearance Air Samples
	Class I ☑	Class II ☐	Large ☑	Small ☐	Minor ☐

Job Type: F1 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 0530

Cal / Set up 0600

break down 1402

Air Technician Signature

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Lab Job # 8722-10

Job Ticket # 410359 JS 6/26

Project # 09-1080

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Empire State Development Corporation

Client		Mark S.	Client Contact / Client Contact Phone
McCurdys	B3	Matt P.	
Building/Location	Work Area	Air Technician	Air Technician Phone
BEr	Rich		
Contractor	Contractor Contact	Fax Results To:	Fax #
64			
Rotometer #	Cassette Lot #	Materials to be Removed	

Project Phase: △ Phase IB ☐ Background; ☐ 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	013	014		B1	B2
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0600	0600	0600	0601	0604	0601	0602	0604	0607			
End Time Military Time	1400	1400	1400	1401	1404	1401	1402	1404	1407			
Duration (Minutes)	480	480	480	480	480	480	480	480	480			
Sample Volume (Liters)	1440	1440	1440	1440	1440	1440	1440	1440	1440			

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ Buf ELAP ID # 11955 ☒ Roch ELAP ID # 10958

Lab Sample #	58 893	894	895	896	897	898	899	900	901	C	902	903
Fibers/100 Fields:	3.5	9	10	7	5	13	11	6	12		0	0
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			

Sampled by: JS M.H Paper	Date: 6-25-10
Relinquished by:	Date:
Received in Lab By: JS	Date: 6/26/10
Analyzed By: D	Date: 6.28.10
Microscope Make, Model & #: 81-06485	Turn-around Time: Immed. 24 Hr. 48 Hr.

Comments:

White - Lab Original Yellow - Lab Copy Pink - Project Folder Goldenrod - Technician

ENVOY
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Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☑ Matt Pagen — Date: 6-28-10 — Job Ticket #: 40341

Building / Location: McCurdys — Work Area: B3 — Shift A B C

Project Description

ESDC — Mark — Client Contact (Print Name)
Client / Owner (Print Name) — Client / Owner Representative (Print Name)

BE, — Rich — NYSDOL Asbestos Handling Certificate Number
Abatement Contractor (Print Name) — Abatement Supervisor (Print Name)

Yes ☑ No ☐ — 69 — Date of Last Calibration
Map Completed — Rotometer Number

Project Phase: Phase IB ☐ Backgrounds; Phase IIA ☐ Work Preparation samples; Phase IIB ☑ Asbestos Handling Samples; Phase IIC ☐ Final Cleaning Samples; Phase IIC ☐ Clearance Air Samples

Job Type: Class I ☑; Class II ☐; Large ☑; Small ☐; Minor ☐

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 0630

Cal / Set up @ 0700

broke down 1700

off site 1500.

Air Technician Signature

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Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 78410
Job Ticket # 40341
Project # 09-1080

Empire State Development Corporation — *Client*

Mark S. — *Client Contact* / *Client Contact Phone*

McCurdys — *Building/Location*: B3 — *Work Area*

Matt P. — *Air Technician* / *Air Technician Phone*

BE1 — *Contractor*: Rich — *Contractor Contact*

Fax Results To: / *Fax #*

69 — *Rotometer #* / *Cassette Lot #*

Materials to be Removed

Project Phase: △ Phase IB ☐ Background; □ 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	013	014		131	132
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0700	0700	0700	0701	0704	0701	0702	0704	0707			
End Time Military Time	1700	1700	1700	1701	1704	1701	1702	1704	1707			
Duration (Minutes)	600	600	600	600	600	600	600	600	600			
Sample Volume (Liters)	1800	1800	1800	1800	1800	1800	1800	1800	1800			

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ Buf ELAP ID # 11955 ☐ Roch ELAP ID # 10958

Lab Sample #	1	2	3	4	5	6	7	8	9		10	11
Fibers/100 Fields:	1	9	16	3	5	3	2	4	2		0	0
Fibers/cc:	10 / <0.001	0.002	0.004	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			

Sampled by: M. Matt Pyles	*Date:* 6-28-10
Relinquished by:	*Date:*
Received in Lab By: M Smith	*Date:* 6/29/10
Analyzed By: M Smith	*Date:* 6/29/10
Microscope Make, Model & #: OLY CH2	*Turn-around Time* Immed. 24 Hr. 48 Hr.

Comments:

White - Lab Original Yellow - Lab Copy Pink - Project Folder Goldenrod - Technician

ENVOY
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Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☑ Matt Popen Date: 6-29-10 Job Ticket #: 410360

Building / Location: McCurdys Work Area: B3 Shift A B C

Project Description
ESDC

Client / Owner (Print Name) Client / Owner Representative (Print Name) Client Contact (Print Name)
BEI Rich Mark

Abatement Contractor (Print Name) Abatement Supervisor (Print Name) NYSDOL Asbestos Handling Certificate Number

Yes ☑ No ☐ 69
Map Completed Rotometer Number Date of Last Calibration

Project Phase: Phase IB ☐ Backgrounds; Phase IIA ☐ Work Preparation samples; Phase IIB ☑ Asbestos Handling Samples; Phase IIC ☐ Final Cleaning Samples; Phase IIC ☐ Clearance Air Samples

Job Type: Class I ☑; Class II ☐; Large ☑; Small ☐; Minor ☐

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 0630

Cal / set up 0700

broke down @ 1700

Matthew C Popen
Air Technician Signature

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Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 8903-10
Job Ticket # 40360
Project # 09-1080

8903

Empire State Development Corporation

Client	Marks.
McCuddys	Client Contact / Client Contact Phone: Matt
Building/Location: BE1	Work Area: B3
Air Technician	Air Technician Phone
Contractor	Contractor Contact: Rich
Fax Results To:	Fax #
Rotometer #: 69	Cassette Lot #
Materials to be Removed	

Project Phase: △ Phase IB ☐ Background; □ 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	013	014		B1	B2
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0700	0700	0700	0701	0704	0701	0702	0704	0706			
End Time Military Time	1700	1700	1700	1701	1704	1701	1702	1704	1706			
Duration (Minutes)	600	600	600	600	600	600	600	600	600			
Sample Volume (Liters)	1800	1800	1800	1800	1800	1800	1800	1800	1800			

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ Buf ELAP ID # 11955 ☑ Roch ELAP ID # 10958

Lab Sample #	60 253	254	255	256	257	258	259	260	261		262	263
Fibers/100 Fields:	8	5.5	12	4	13	9.5	11	6	7		0	0
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			

Sampled by: Matt Pyden	Date: 6-29-10
Relinquished by:	Date:
Received in Lab By: ngardner	Date: 6-30-10
Analyzed By:	Date: 6.30.10
Microscope Make, Model & #: 81-0645	Turn-around Time: Immed. 24 Hr. 48 Hr.

Comments:

White - Lab Original Yellow - Lab Copy Pink - Project Folder Goldenrod - Technician

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Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☒ Matt Popen Date: 6-30-10 Job Ticket #: 40361

Building / Location: McCurdys Work Area: B3 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

Project Phase: Phase IB ☐ Backgrounds; Phase IIA ☐ Work Preparation samples; Phase IIB ☐ Asbestos Handling Samples; Phase IIC ☒ Final Cleaning Samples; Phase IIC ☐ Clearance Air Samples

Job Type: Class I ☒; Class II ☐; Large ☒; Small ☐; Minor ☐

FP 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 0630

Cal / Set up @ 0700

break down 1700

off site 1800

Air Technician Signature

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Lab Job # 78510

Asbestos Air Monitoring

Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket # 40361

09-1050

Empire State Development Corps.	Mark S.
Client	**Client Contact** / **Client Contact Phone**
McCurdys / B3	Matt Poren
Building/Location / **Work Area**	**Air Technician** / **Air Technician Phone**
BE1 / Rich	
Contractor / **Contractor Contact**	**Fax Results To:** / **Fax #**
69	
Rotometer # / **Cassette Lot #**	**Materials to be Removed**

Project Phase

Phase IB ☐ Backgorunds **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	013	014		B1	B2
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0700	0700	0700	0701	0704	0701	0702	0704	0707			
End Time Military Time	1700	1700	1700	1701	1704	1701	1702	1704	1707			
Duration (Minutes)	600	600	600	600	600	600	600	600	600			
Sample Volume (Liters)	1800	1800	1800	1800	1800	1800	1800	1800	1800			

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ELAP ID # 10958

Lab Sample #	1	2	3	4	5	6	7	8	9		10	11
Fibers/100 Fields:	9	16	18	7	6	4	8	3	6		0	0
Fibers/cc:	0.002	0.004	0.005	0.002	0.002	<0.001	0.002	<0.001	0.002			

Samples Relinquished By: Matt Poren	**Date:** 6-30-10
Received in Lab By: M Smith	**Date:** 7/1/10
Analyzed By: M Smith	**Date:** 7/1/10
Microscope Make, Model & #: OLY CH2	**Turn-around Time** Immed. 24 Hr. 48 Hr.

Comments:

ENVOY
environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☐
Air Technician: ☑ Matt Paden Date: 7-1-10 Job Ticket #: 40362

Building / Location: McCurdy's Work Area: B3 Shift (A) B C

Project Description

ESDC Mark

Client / Owner (Print Name) Client / Owner Representative (Print Name) Client Contact (Print Name)

RE1 Rich

Abatement Contractor (Print Name) Abatement Supervisor (Print Name) NYSDOL Asbestos Handling Certificate Number

Yes ☑ No ☐ 69 Date of Last Calibration

Map Completed Rotometer Number

Project Phase	Phase IB ☐ Backgrounds	Phase IIA ☐ Work Preparation samples	Phase IIB ☐ Asbestos Handling Samples	Phase IIC ☑ Final Cleaning Samples	Phase IIC ☐ Clearance Air Samples
Job Type	Class I ☑	Class II ☐	Large ☑	Small ☐	Minor ☐

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 0630

Cal / Set up 0700

bore down 1700

off site 1800

Air Technician Signature

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Lab Job # 9088-10
Job Ticket # 410362 JS 7/2
Project # 09-1080

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

9088-10

Empire State Development Corporation

Client: McCurdys	Client Contact: Marks.
Building/Location: BE1	Work Area: B3
Contractor: 69	Contractor Contact: Rich
Rotometer #	Cassette Lot #
Client Contact Phone: Math P.	
Air Technician	Air Technician Phone
Fax Results To:	Fax #
Materials to be Removed	

Project Phase:
△ Phase IB ☐ Background
☐ 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	013	014		B1	B2
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0700	0700	0700	0701	0704	0701	0702	0704	0707			
End Time Military Time	1700	1700	1700	1701	1704	1701	1702	1704	1707			
Duration (Minutes)	600	—	—	—	—	—	—	—	>			
Sample Volume (Liters)	1800	—	—	—	—	—	—	—	→			

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ Buf ELAP ID # 11955 ☑ Roch ELAP ID # 10958

Lab Sample #	01 582	583	584	585	586	587	588	589	590		591	592
Fibers/100 Fields:	1	17	13.5	0	1	2	10	6.5	10		0	0
Fibers/cc:	L0.01	L0.01	L0.01	L0.01	L0.01	L0.01	L0.01	L0.01	L0.01		—	—

Sampled by: Math Papen	Date: 7-1-10
Relinquished by:	Date:
Received in Lab By: JS	Date: 7/2/10
Analyzed By: JS	Date: 7/3/10
Microscope Make, Model & #: 235757	Turn-around Time: Immed. 24 Hr. 48 Hr.

Comments:

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: ☑ Matt Popen

Date: 7-2-10

Job Ticket #: 40272

Building / Location: McCurdys

Work Area: B3

Shift (A) B C

Project Description

ESPC

Client / Owner (Print Name)

Mark

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 ☐

Map Completed

61

Rotometer Number

Date of Last Calibration

Project Phase	Phase IB ☐ Backgrounds	Phase IIA ☐ Work Preparation samples	Phase IIB ☐ Asbestos Handling Samples	Phase IIC ☑ Final Cleaning Samples	Phase IIC ☐ Clearance Air Samples
Job Type	Class I ☑	Class II ☐	Large ☑	Small ☐	Minor ☐

FP

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 0430

Cal / set up @ 0500

brake down 1200

off site 1300

Air Technician Signature

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

57 Ambrose Street • Rochester, New York 14608 • 585.454.1060 • fax 585.454.1062

PARADIGM
ENVIRONMENTAL SERVICES, INC.

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

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job # 9089-10
Job Ticket # 40272 JS 7/2
Project # 09-1050

9089-10

Empire State Development Corporation

Client	Marks.
Client Contact / Client Contact Phone	
McCurdys / B3	Matt P.
Building/Location / Work Area	Air Technician / Air Technician Phone
RE1 / Rich	
Contractor / Contractor Contact	Fax Results To: / Fax #
69	
Rotometer # / Cassette Lot #	Materials to be Removed

Project Phase: △ Phase IB ☐ Background; □ 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	013	014		B1	B2
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0500	0500	0500	0501	0504	0501	0502	0504	0507			
End Time Military Time	1200	1200	1200	1201	1204	1201	1202	1204	1207			
Duration (Minutes)	420	420	420	420	420	420	420	420	420			
Sample Volume (Liters)	1260	1260	1260	1260	1260	1260	1260	1260	1260			

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ Buf ELAP ID # 11955 ☑ Roch ELAP ID # 10958

Lab Sample #	591 593	594	595	596	597	598	599	600	601		602	603
Fibers/100 Fields:	1	4	7.5	0	0.5	0	4	0.5	1		0	0
Fibers/cc:	L0.01	L0.01	L0.01	L0.01	L0.01	L0.01	L0.01	L0.01	L0.01			

Sampled by: M. Hart / Rich	Date: 7-2-10
Relinquished by:	Date:
Received in Lab By: JS	Date: 7/2/10
Analyzed By: JS	Date: 7/3/10
Microscope Make, Model & #: 235757	Turn-around Time: Immed. 24 Hr. 48 Hr.

Comments:

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: ☑ Matt Popen Date: 2-6-10 Job Ticket #: 40276

Building / Location: McCurdys Work Area: B3 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 Date of Last Calibration

Map Completed Rotometer Number

Project Phase: Phase IB ☐ Backgrounds Phase IIA ☐ Work Preparation samples Phase IIB ☐ Asbestos Handling Samples Phase IIC ☑ Final Cleaning Samples Phase IIC ☐ Clearance Air Samples

Job Type: Class I ☑ Class II ☐ Large ☑ Small ☐ Minor ☐

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 0630

Col / Set up 0700

brake down 1700

off Site 1810

Air Technician Signature

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Lab Job # 9219-10

Job Ticket # 40276 IS-7

Project # 09-1080

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

9217-10

Empire State Development Corporation — Client

Marks. — Client Contact — Client Contact Phone

McCurdys. — Building/Location: B3 — Work Area

Matt — Air Technician — Air Technician Phone

BE1 — Rich — Contractor — Contractor Contact

Fax Results To: — Fax #

69 — Rotometer # — Cassette Lot #

Materials to be Removed

Project Phase: △ Phase IB ☐ Background; ☐ 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	013	014		B1	B2
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Post-Calibrated Flow Rate	3	3	3	3	3	3	3	3	3			
Average Flow Rate	3	3	3	3	3	3	3	3	3			
Start Time Military Time	0700	0700	0700	0701	0704	0701	0702	0704	0707			
End Time Military Time	1700	1700	1700	1701	1704	1701	1702	1704	1707			
Duration (Minutes)	600	600	600	600	600	600	600	600	600			
Sample Volume (Liters)	1800	1800	1800	1800	1800	1800	1800	1800	1800			

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ Buf ELAP ID # 11955 ☒ Roch ELAP ID # 10958

Lab Sample #	562 563	566	567	568	569	570	571	572	573		574	575
Fibers/100 Fields:	2.5	5	8	3	6	4.5	7	5	4		0	0
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		—	—

Sampled by: Matt Pofen	Date: 7-6-10
Relinquished by:	Date:
Received in Lab By: TS	Date: 7/7/10
Analyzed By: B	Date: 7.7.10
Microscope Make, Model & #: BHO6485	Turn-around Time: Immed. 24 Hr. 48 Hr.

Comments:

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: ☑ Matt Popen Date: 7-7-10 Job Ticket #: 40277

Building / Location: McCurdy's Work Area: B3 Shift (A) B C

Project Description
ESDC

Client / Owner (Print Name) Client / Owner Representative (Print Name): Rich Client Contact (Print Name): Mark

Abatement Contractor (Print Name): BEI Abatement Supervisor (Print Name) NYSDOL Asbestos Handling Certificate Number

Map Completed: Yes ☑ No ☐ Rotometer Number: 69 Date of Last Calibration

Project Phase: Phase IB ☐ Backgrounds Phase IIA ☐ Work Preparation samples Phase IIB ☐ Asbestos Handling Samples Phase IIC ☐ Final Cleaning Samples Phase IIC ☑ Clearance Air Samples

Job Type: Class I ☑ Class II ☐ Large ☑ Small ☐ Minor ☐

Type of Material: FP / PF. 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 0630

Cal / Set up pumps 1010

brake down 1110

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.

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☐ 1815 Love Road, Grand Island, NY 14072 Office (716)775-5777 Fax (716) 775-5778

Lab Job # 9249-10
Job Ticket # 40277
Project # 09-1050

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

9249-10

Empire State Development Corporation

Client	
McCurdys	B3
Building/Location	**Work Area**
BEI	Rich
Contractor	**Contractor Contact**
Rotometer #	**Cassette Lot #**

Mark	
Client Contact	**Client Contact Phone**
Matt P.	739-4528
Air Technician	**Air Technician Phone**
Fax Results To:	**Fax #**
Materials to be Removed	

Project Phase

△ **Phase IB** ☐ *Background*
☐ **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	10	10	10	10	10	10	10	10	10	10		
Post-Calibrated Flow Rate	10	10	10	10	10	10	10	10	10	10		
Average Flow Rate	10	10	10	10	10	10	10	10	10	10		
Start Time Military Time	1010	1010	1011	1011	1011	1013	1013	1013	1014	1014		
End Time Military Time	1110	1110	1111	1111	1111	1113	1113	1113	1114	1114		
Duration (Minutes)	60	60	60	60	60	60	60	60	60	60		
Sample Volume (Liters)	600	600	600	600	600	600	600	600	600	600		

Laboratory analysis Performed by: Paradigm Environmental Services, Inc. ☐ *Buf ELAP ID # 11955* ☒ *Roch ELAP ID # 10958*

Lab Sample #	7756	757	758	759	760	761	762	763	764	765	766	767
Fibers/100 Fields:	0	4	0.5	2	0.5	0	1	1	3	2	0	0
Fibers/cc:	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		

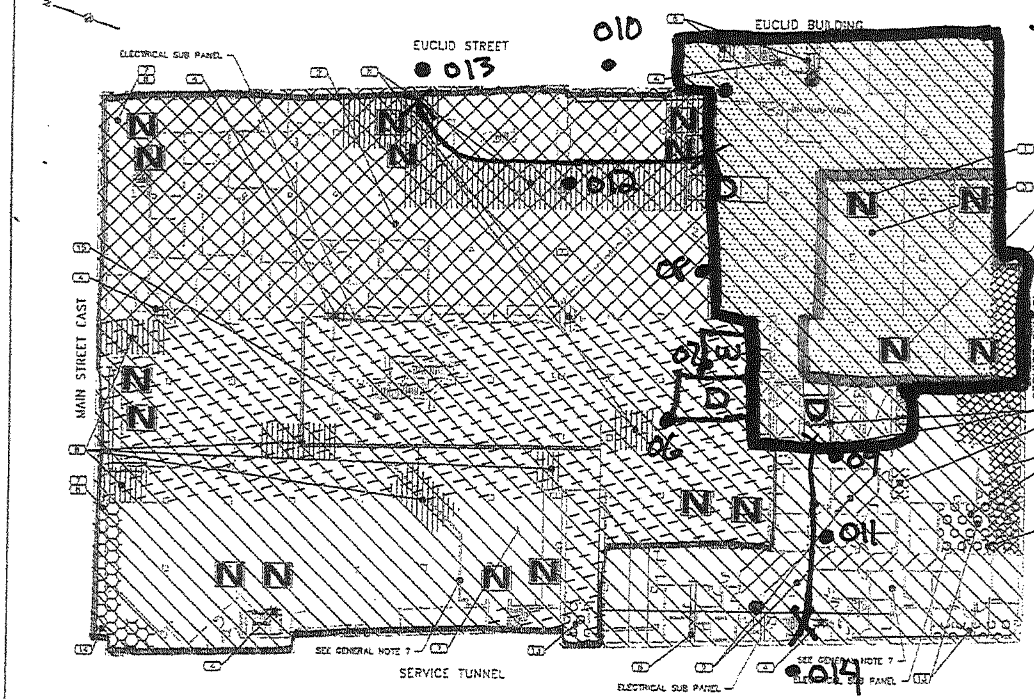
Sampled by: M.H Ryan	Date: 7-7-10
Relinquished by:	Date:
Received in Lab By: JS	Date: 7/7/10
Analyzed By: JS	Date: 7/7/10
Microscope Make, Model & #: 235757	Turn-around Time: Immed. 24 Hr. 48 Hr.

Comments: called MP @ 1:43pm by JS 7/7

White - Lab Original Yellow - Lab Copy Pink - Project Folder Goldenrod - Technician

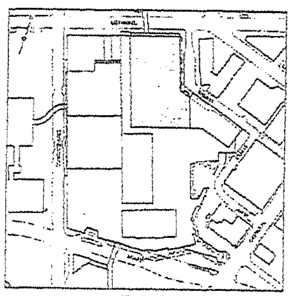
Sample Locations & Maps

B3 IIB / IIC Final Clean



Regulated Areas

B3 41,200 SF
B1 5,000 SF



KEY PLAN
N.T.S.

BASEMENT ASBESTOS ABATEMENT SCHEDULE		
	ASBESTOS CONTAINING MATERIAL TO BE REMOVED AND DISPOSED	QUANTITY
1	SPRAY-ON FIREPROOFING	35,500 SF
2	FLOOR TILES/MASTIC	17,000 SF
3	CEILING SYSTEMS	16,500 SF
4	FIRE DOORS	6 DOORS
6	MIRROR MASTIC	300 SF
7	PIPE INSULATION	1,300 LF
9	FITTINGS ON FIBERGLASS PIPE INSULATION	290 EACH
10	VIBRATION CLOTH	8 EACH
11	DUCT INSULATION	200 SF
12	DUCT INSULATION BLOCKS	1,500 SF
13	TRANSITE CEILING PANELS	700 SF
14	TRANSITE WALL BOARD	20 SF
15	TERRAZZO TAR PAPER	16,500 SF
25	CAULK AT WALK-IN COOLERS	<20 SF

LEGEND:

PIPE CHASE

GENERAL NOTES:

1. THE INFORMATION IN THESE DRAWINGS ARE FOR GUIDANCE PURPOSES ONLY. THEY MAY [...] AS-BUILT DIMENSIONS AND SIZES. NO ADDITIONAL PAYMENT WILL BE MADE TO THE CONTR[...] PROVIDED IN THE PLAN VARIES WITH THE EXISTING CONDITIONS.

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

3. ALL REMAINING BUILDING FURNISHINGS, INTERNAL COMPONENTS DEBRIS, AND ALL ITEMS LEFT BY THE OWNER [...] BE REMOVED AND DISPOSED OF AS NECESSARY FOR THE CONTRACTOR TO PERFORM THE INDICATED WORK. NOT ALL ITEMS ARE SHOWN.

4. THE CONTRACTOR SHALL PROVIDE A LICENSED ELECTRICIAN TO EVALUATE, DE-ENERGIZE AND REROUTE 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 BID.

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

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

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INTERIOR DEMOLITION ACTIVITIES. THE CONTACTOR 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 SITE INSPECTIONS TO VERIFY THE EXTENT AND COMPLEXITY OF THE INTERIOR DEMOLITION. THIS WORK SHALL INCLUDE BUT IS NOT LIMITED TO THE REMOVAL OF ALL INTERIOR SOFT MATERIALS, WOOD, DRYWALL, PLASTER, FLOOR COVERINGS, MULTIPLE CEILINGS, FIXED AND NON FIXED CABINETS, DISPLAY CASES AND REMAINING SITE DEBRIS THROUGH-OUT THE PROJECT BUILDINGS. ALL RESULTING WASTES SHALL BE DISPOSED OF AT A FACILITY PERMITTED TO ACCEPT SUCH WASTE. THE REMOVAL HANDLING AND DISPOSAL OF THE MATERIAL WASTES SHALL COMPLY WITH ALL APPLICABLE REGULATIONS (NYSDOL, NYSDEC AND USEPA).

ASBESTOS ABATEMENT NOTES:

1 SPRAY-ON FIRE PROOFING EXISTS ON CEILING DECKING, 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 BONDING AGENTS IN ACCORDANCE WITH NYSDOL ICR 56 AND SPECIFICATION SECTION 02080.

3 CEILING SYSTEM ABATEMENT AND REMOVAL SHALL INCLUDE ABATEMENT, REMOVAL AND DISPOSAL OR DECONTAMINATION OF ALL MATERIALS ABOVE THE DROP CEILINGS/PLASTER CEILINGS, INCLUDING THE CEILINGS. THE CONTRACTOR SHALL NOTE THAT MULTIPLE CEILINGS EXIST THROUGHOUT THE BUILDINGS. ADDITIONALLY, EXTENSIVE HVAC DUCT WORK AND EQUIPMENT ALONG WITH PIPING SYSTEMS, CONDUITS, LIGHT AND OTHER OBSTRUCTIONS EXIST. THE CONTRACTOR SHALL ASSUME THAT ALL MATERIALS HAVE BEEN CONTAMINATED WITH ACM. THE CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT AND MATERIALS REQUIRED TO ABATE, REMOVE AND DISPOSE OF OR DECONTAMINATE, REMOVE AND DISPOSE OF ALL MATERIAL ENCOUNTERED IN ACCORDANCE WITH SECTION 02080.

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

7 PIPE INSULATION ABATEMENT SHALL INCLUDE THE ABATEMENT REMOVAL AND DISPOSAL OF ALL PIPE INSULATION AND FITTINGS INCLUDING FIBERGLASS INSULATION UNLESS OTHERWISE APPROVED BY THE PROJECT MONITOR. DUE TO PREVIOUS MAINTENANCE ACTIVITIES PIPING RUNS CONTAIN BOTH ACM AND NON-ACM SECTIONS OF INSULATING MATERIAL. IT IS THE INTENT OF THIS PROJECT TO REMOVE AND DISPOSE OF ALL PIPE INSULATING MATERIAL TO INSURE ALL ACM INSULATION IS PROPERLY REMOVED.

9 PIPING RUNS ARE CONTAINED WITHIN WALLS, PIPE CHASES AND ABOVE SUSPENDED CEILINGS, DUCT WORK AND OTHER MECHANICAL SYSTEMS THROUGHOUT ENTIRE FLOOR LEVEL. THE CONTRACTOR SHALL REMOVE ALL CEILINGS, DUCT WORK AND OTHER OBSTRUCTIONS AND PERFORM ALL DEMOLITION NECESSARY TO EXPOSE ALL PIPING. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL A DEMOLITION PLAN PROPOSING THE MEANS AND METHODS FOR DEMOLITION ACTIVITIES AND PROCEDURES TO ENSURE ACM IS NOT DISTURBED DURING DEMOLITION ACTIVITIES. ALL MATERIALS GENERATED DURING DEMOLITION ACTIVITIES SHALL BE DISPOSED OF BY THE CONTRACTOR.

15 AN ACM TERRAZZO TAR PAPER EXISTS BENEATH THE TERRAZZO FLOOR. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED TO REMOVE AND DISPOSE OF THE TERRAZZO FLOOR TO ACCESS THE TAR PAPER. THE CONTRACTOR SHALL DECONTAMINATE THE TERRAZZO FLOOR PRIOR TO DISPOSAL OR DISPOSE OF THE TERRAZZO FLOOR AS ACM. NO GUARANTEE IS MADE TO THE CONTRACTOR THAT THE TAR PAPER CAN BE REMOVED FROM THE TERRAZZO FLOOR. THE CONTRACTOR SHALL DEMONSTRATE TO THE SATISFACTION OF THE PROJECT MONITOR THAT THE TERRAZZO FLOOR IS DECONTAMINATED. SHOULD THE CONTRACTOR FAIL TO DEMONSTRATE THAT THE FLOOR IS DECONTAMINATED THEN THE CONTRACTOR SHALL DISPOSE OF THE TERRAZZO FLOOR AS ACM AT NO ADDITIONAL COST TO THE CONTRACT. ADDITIONALLY THIS ITEM SHALL INCLUDE THE REMOVAL OF ALL BONDING/ADHESIVES THAT MAY EXIST BETWEEN THE TAR PAPER AND TERRAZZO FLOOR AND/OR CONCRETE FLOOR SLAB.

Scale: 0 10 20 40 Ft.

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

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

REVISIONS

LiRo Engineers, Inc.
690 Delaware Ave
Buffalo, New York

Empire State Development

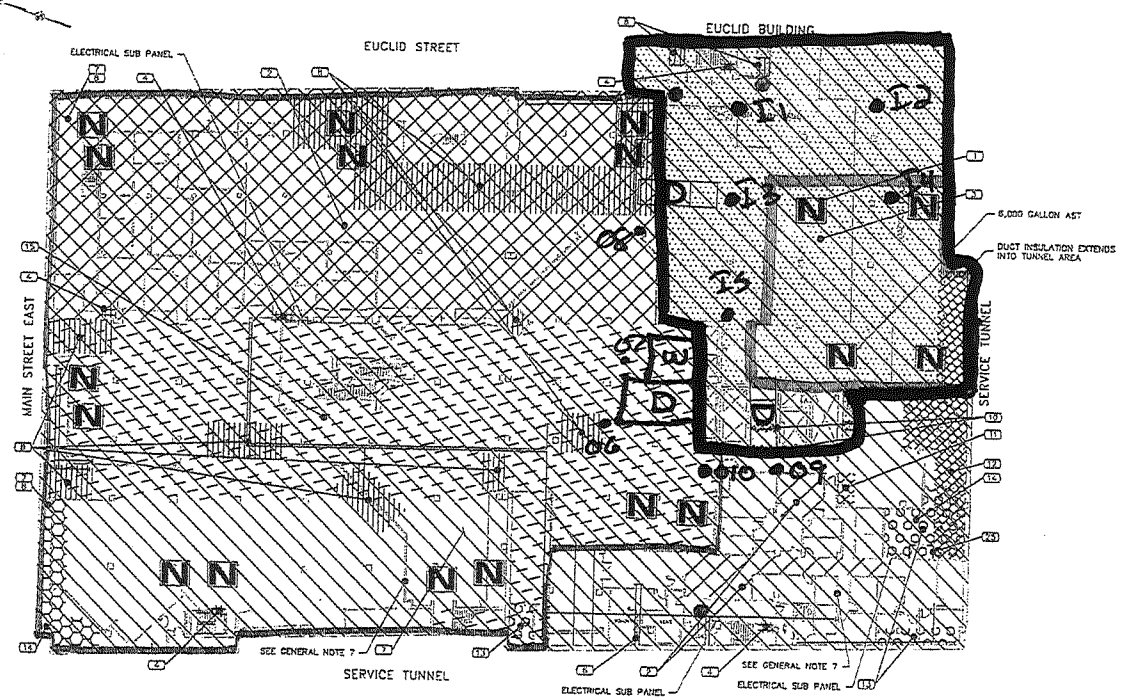
JANUARY 2009 — 1" = 20'

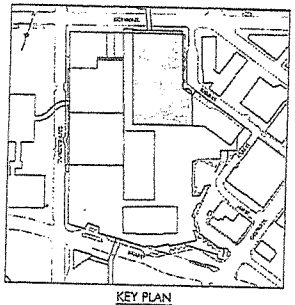
McCURDY'S BUILDING
MIDTOWN PLAZA COMPLEX
ROCHESTER, NEW YORK

BASEMENT
ASBESTOS ABATEMENT PLAN

08-21-104
SHEET 7 OF 9
MB-A2

B3 II C Finals





KEY PLAN
N.T.S.

REGULATED AREAS

B3	41,800 S.F.
B1	5,000 S.F.

BASEMENT ASBESTOS ABATEMENT SCHEDULE

		ASBESTOS CONTAINING MATERIAL TO BE REMOVED AND DISPOSED	QUANTITY
	1	SPRAY-ON FIREPROOFING	39,500 SF
	2	FLOOR TILES/MASTIC	17,000 SF
	3	CEILING SYSTEMS	16,500 SF
	4	FIRE DOORS	6 DOORS
	6	MIRROR MASTIC	300 SF
	7	PIPE INSULATION	1,300 LF
	9	FITTINGS ON FIBERGLASS PIPE INSULATION	290 EACH
	10	VIBRATION CLOTH	8 EACH
	11	DUCT INSULATION	200 SF
	12	DUCT INSULATION BLOCKS	1,500 SF
	13	TRANSITE CEILING PANELS	700 SF
	14	TRANSITE WALL BOARD	20 SF
	15	TERRAZZO TAR PAPER	16,500 SF
	25	CAULK AT WALK-IN COOLERS	~20 SF

LEGEND:
PIPE CHASE

GENERAL NOTES:

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

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

3. ALL REMAINING BUILDING FURNISHINGS, INTERNAL COMPONENTS DEBRIS, AND ALL ITEMS LEFT BY THE OWNER SHALL BE REMOVED AND DISPOSED OF AS NECESSARY FOR THE CONTRACTOR TO PERFORM THE INDICATED WORK. NOT ALL ITEMS ARE SHOWN.

4. THE CONTRACTOR SHALL PROVIDE A LICENSED ELECTRICIAN TO EVALUATE, DE-ENERGIZE AND REROUTE 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 BID.

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

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

7. 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 SITE INSPECTIONS TO VERIFY THE EXTENT AND COMPLEXITY OF THE INTERIOR DEMOLITION. THIS WORK SHALL INCLUDE BUT IS NOT LIMITED TO THE REMOVAL OF ALL INTERIOR SOFT MATERIALS, WOOD, DRYWALL, PLASTER, FLOOR COVERINGS, MULTIPLE CEILINGS, FIXED AND NON FIXED CABINETS, DISPLAY CASES AND REMAINING SITE DEBRIS THROUGHOUT THE PROJECT FACILITIES. ALL RESULTING WASTES SHALL BE DISPOSED OF AT A FACILITY PERMITTED TO ACCEPT SUCH WASTE. THE REMOVAL, HANDLING AND DISPOSAL OF THE MATERIAL WASTES SHALL COMPLY WITH ALL APPLICABLE REGULATIONS (NYSDOL, NYSDEC AND USEPA).

ASBESTOS ABATEMENT NOTES:

(1) SPRAY-ON FIRE PROOFING EXISTS ON CEILING DECKING, 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 BONDING AGENTS IN ACCORDANCE WITH NYSDOL ICR 56 AND SPECIFICATION SECTION 02080.

(2) CEILING SYSTEM ABATEMENT AND REMOVAL SHALL INCLUDE ABATEMENT, REMOVAL AND DISPOSAL OR DECONTAMINATION OF ALL MATERIALS ABOVE THE DROP CEILINGS/PLASTER CEILINGS, INCLUDING THE CEILINGS. THE CONTRACTOR SHALL NOTE THAT MULTIPLE CEILINGS EXIST THROUGHOUT THE BUILDINGS. ADDITIONALLY, EXTENSIVE HVAC DUCT WORK AND EQUIPMENT ALONG WITH PIPING SYSTEMS, CONDUITS, LIGHT AND OTHER OBSTRUCTIONS EXIST. THE CONTRACTOR SHALL ASSUME THAT ALL MATERIALS HAVE BEEN CONTAMINATED WITH ACM. THE CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT AND MATERIALS REQUIRED TO ABATE, REMOVE AND DISPOSE OF OR DECONTAMINATE, REMOVE AND DISPOSE OF ALL MATERIAL ENCOUNTERED IN ACCORDANCE WITH SECTION 02080.

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

(7) PIPE INSULATION ABATEMENT SHALL INCLUDE THE ABATEMENT REMOVAL AND DISPOSAL OF ALL PIPE INSULATION AND FITTINGS INCLUDING FIBERGLASS INSULATION UNLESS OTHERWISE APPROVED BY THE PROJECT MONITOR. DUE TO PREVIOUS MAINTENANCE ACTIVITIES PIPING RUNS CONTAIN BOTH ACM AND NON-ACM SECTIONS OF INSULATING MATERIAL. IT IS THE INTENT OF THIS PROJECT TO REMOVE AND DISPOSE OF ALL PIPE INSULATING MATERIAL TO INSURE ALL ACM INSULATION IS PROPERLY REMOVED.

(8) PIPING RUNS ARE CONTAINED WITHIN WALLS, PIPE CHASES AND ABOVE SUSPENDED CEILINGS, DUCT WORK AND OTHER MECHANICAL SYSTEMS THROUGHOUT ENTIRE FLOOR LEVEL. THE CONTRACTOR SHALL REMOVE ALL CEILINGS, DUCT WORK AND OTHER OBSTRUCTIONS AND PERFORM ALL DEMOLITION NECESSARY TO EXPOSE ALL PIPING. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL A DEMOLITION PLAN PROPOSING THE MEANS AND METHODS FOR DEMOLITION ACTIVITIES AND PROCEDURES TO ENSURE ACM IS NOT DISTURBED DURING DEMOLITION ACTIVITIES. ALL MATERIALS GENERATED DURING DEMOLITION ACTIVITIES SHALL BE DISPOSED OF BY THE CONTRACTOR.

(15) AN ACM TERRAZZO TAR PAPER EXISTS BENEATH THE TERRAZZO FLOOR. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED TO REMOVE AND DISPOSE OF THE TERRAZZO FLOOR TO ACCESS THE TAR PAPER. THE CONTRACTOR SHALL DECONTAMINATE THE TERRAZZO FLOOR PRIOR TO DISPOSAL OR DISPOSE OF THE TERRAZZO FLOOR AS ACM. NO GUARANTEE IS MADE TO THE CONTRACTOR THAT THE TAR PAPER CAN BE REMOVED FROM THE TERRAZZO FLOOR. THE CONTRACTOR SHALL DEMONSTRATE TO THE SATISFACTION OF THE PROJECT MONITOR THAT THE TERRAZZO FLOOR IS DECONTAMINATED. SHOULD THE CONTRACTOR FAIL TO DEMONSTRATE THAT THE FLOOR IS DECONTAMINATED THEN THE CONTRACTOR SHALL DISPOSE OF THE TERRAZZO FLOOR AS ACM AT NO ADDITIONAL COST TO THE CONTRACT. ADDITIONALLY THIS ITEM SHALL INCLUDE THE REMOVAL OF ALL BONDING/ADHESIVES THAT MAY EXIST BETWEEN THE TAR PAPER AND TERRAZZO FLOOR AND/OR CONCRETE FLOOR SLAB.

Scale: 0 10 20 40 Ft.

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

REVISIONS

LaBella Engineers, P.C.
300 Delaware Ave.
Buffalo, New York

PROJ. ENGR.: M.J.W.
DESIGNED BY: M.J.W.
CHECKED BY: R.P.K.
DRAWN BY: A.M.K.
DATE: JANUARY 2009
SCALE: 1" = 20'

CLIENT: Empire State Development
450 Andrews Street, Suite 100
Rochester, New York 14604-1009

JOB TITLE AND LOCATION: McCURDYS BUILDING
MIDTOWN PLAZA COMPLEX
ROCHESTER, NEW YORK

DRAWING TITLE: BASEMENT
ASBESTOS ABATEMENT PLAN

LABELLA JOB NO.: 08-21-104
SHEET: 7 OF 9
FIGURE NO.: MB-A2

P.M. Logs & FVI
Misc. Sampling

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

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

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

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

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

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

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

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

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

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

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

TIME	*ACTIVITY McCurdy's Bldg. B3, 1C*
0630	On site.
0700	Cal/setup pumps for B3 and 1C.
0830	All workers come out of 1C. There is tar paper residue on the wood floor and also a vapor barrier under the floor. Bristol wants this tested. Rich is going to talk to Tom and get permission to get this and the mastic on the wood tested.
0930	1C samples taken down and Veto has 6 workers move to the roof to do the transite panels. Byron took bulk samples to the lab from 1C. I looked at the materials in question.
1130	Observed work on roof. Workers take down transite panels, intact removal.
1330	Transite removal complete, all ACM bagged out. They will now begin the flashing around the roof.
1600	In B3 from 1400-1600. Observed above ceiling demo. They are preparing to remove plaster ceiling and dry wall. Area neg air is good. All criticals intact.
1800	Samples collected at 1700, workers shower out. Samples to lab. We are still waiting for the okay to have the bulks samples read from 1C.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

NAME: Matt Popen	*DATE: 6/15/2010*
Contract #	*Liro Job #:*
HOURS:0630-1800	*TASK:PM On site*

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

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

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

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

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

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

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

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

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

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

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

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

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

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

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

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

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

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

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

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

NAME: Matt Popen	*DATE: 6/24/2010*
Contract #	*Liro Job #:*
HOURS:0630-1800	*TASK:PM On site*

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

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

NAME: Matt Popen	*DATE: 6/25/2010*
Contract #	*Liro Job #:*
HOURS:0530-1500	*TASK:PM On site*

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

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

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

TIME	*ACTIVITY McCurdy's Bldg. B3*
0630	On site
0700	Cal/set up pumps for B3.
0800	Checked the tunnel, no leaks. 8 workers in B3, 1 outside making boxes, Kevin is doing gen. clean up.
0900	Continued to monitor the tunnel for leaks. Cont B3 is holding up fine.
0930	In cont B3 0930-1130. Water being used, all ACM being bagged.
1200	Lunch.
1330	Began walking the 6th floor to Mark and identify sampled negative materials for Mike as per his request.
1400	In cont B3 from 1400-1500. They are still removing the FP from the beams and ceiling. They are working on the hard to reach places. All ACM being bagged up.
1700	Broke down samples. Spoke with Vtec, they still have a small amount of FP to remove from hard to reach areas.
1800	Off site.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

NAME: Matt Popen	*DATE: 6/29/2010*
Contract #	*Liro Job #:*
HOURS:0630-1800	*TASK:PM On site*

TIME	*ACTIVITY McCurdy's Bldg. B3*
0630	On site.
0700	Cal/set up pumps for area B3.
0800	12 workers in B3, 2 workers outside area for bag out. Last remaining areas of FP being removed today. Much of todays work will be cleaning and bag out.
0930	In cont B3 from 0930-1130. Water being used to remove/clean FP off of beams and decking. All debris being cleaned off floors.
1200	Lunch
1330	In cont B3 from 1330-1430. They have completed removal of FP and are cleaning up all debris. Filters have been changed. All ACM is wet, workers wearing PPE.
1600	Continued to monitor the tunnel for any leaks.
1800	All samples have been collected. I have also been working on marking the non ACM materials on the 6th floor with green paint.

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

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

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

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

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

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

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

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

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

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

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

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

LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement
Daily Summary Report

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

TIME	*ACTIVITY McCurdy's Bldg. B3, 1C*
0630	On site.
0730	Spoke with Rich and Vtec about FVI today in B3.
0930	I performed FVI in area and passed it. I showed them a few areas to touch up, they complied immediately. All areas are clean. I began aggressive air sampling techniques after inspection.
1030	All finals have been set up for B3.
1130	Finals have been taken down.
1200	Delivered finals to the lab.
1330	Finals passed. Workers have been relocating equipment and panels for 1C to resume.
1430	After trying to lift the wood floor Rich has determined that this method will not work. They are going to try something else tomorrow.
1800	B3 being broken down, they will finish this tomorrow and resume work in 1C. They have decided to clean the wood instead of rip it up.

Envoy Environmental Consultants Inc.

Empire State Development

Project Monitor Visual Inspection Report

As per 12NYCRR Part 56 amended January 11, 2006

Building & Location: McCurdys B3 (Project Description / Work Area) — Job Ticket # 40277

ESDC (Client//Owner (Print Name)) — Mark S. (Client/Owner Representative (print name)) — PROJECT # 09-1080

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

Yes ☑ No ☐ (Supervisors Visual inspection Completed?) — Rich Rupertus (Supervisor Completing Visual Inspection (print name)) — 09-07919 (NYSDOL Asbestos Handling Certificate Number) — Date

Matt Poplen (Project Monitor (Print Name)) — 08-10392 (NYSDOL Asbestos Handling Certificate Number) — 7-7-10 (Date)

Site Emergency Phone:

Job Type: Class I ☑ Class II ☐ — FP / PI (Material)

Job Size: Large ☑ Small ☐

Sq Ln Ft

Project Monitor Visual Inspection Checklist

Project with Multiple Removals ☐

Section A ☐ Inspectors Checklist	SAT	Needs Action	N/A
Equipment	*Not Required*		
1. Flashlight	☑	☐	☐
2. Knife or pointed object	☑	☐	☐
3. Respirator	☑	☐	☐
4. Hard Hat	☑	☐	☐
5. Safety Glasses	☑	☐	☐
6. Tyvex Suit	☑	☐	☐
7. Gloves	☑	☐	☐
Inspection	*Not Required*		
8. Enter all Spaces	☑	☐	☐
9. Inspect at Close Range	☑	☐	☐
Areas to Inspect	*Not Required*		
10. Permanent Fixtures	☑	☐	☐
11. Light Fixtures	☑	☐	☐
12. Ductwork	☑	☐	☐
13. Elevated Horizontal Surfaces	☑	☐	☐
14. Pipes	☑	☐	☐
15. Ceiling Grids/Sprinkler Heads	☑	☐	☐
16. Conduits	☑	☐	☐
17. Hauserman Channels	☐	☐	☑
18. Floor and Wall Penetrations	☑	☐	☐
19. Creases & Folds in Criticals	☑	☐	☐
20. Walls & Corners	☑	☐	☐
21. Floors	☑	☐	☐

Section B ☐ Visual Inspection	SAT	Needs Action	N/A
Personal Decontamination Unit	*Required to Pass*		
22. Clean & Free of Debris & Dust	☑	☐	☐
23. No Visible Pools of Liquid	☑	☐	☐
24. No condensation	☑	☐	☐
25. All Isolation Barriers intact	☑	☐	☐
Waste Decontamination Unit	*Required to Pass*		
26. Clean & Free of Debris & Dust	☑	☐	☐
27. No Visible Pools of Liquid	☑	☐	☐
28. No condensation	☑	☐	☐
29. All Isolation Barriers intact	☑	☐	☐
Regulated Abatement Work Area	*Required to Pass*		
30. No Visible Pools of Liquid	☑	☐	☐
31. No condensation	☑	☐	☐
32. All Criticals intact	☑	☐	☐
33. All Isolation Barriers Intact	☑	☐	☐
34. No Unremoved Materials	☑	☐	☐
35. No Visible Debris	☑	☐	☐
36. No Visible Dust	☑	☐	☐
37. Examine Contractor Equipment	☑	☐	☐
38. Negative Air in Operation	☑	☐	☐
39. No Debris or Water under Plastic	☑	☐	☐
40. Completeness of Abatement**	☑	☐	☐
41. Completeness of Clean-up**	☑	☐	☐

Section C ☐ Procedures/ Paperwork	SAT	Needs Action	N/A
Paperwork & Procedures	*Required to Pass*		
42. Written Scope of Work (attached)	☑	☐	☐
43. Verbal Scope of Work (see below)	☐	☐	☑
44. Supervisor Present	☑	☐	☐
45. Wait period observed	☑	☐	☐
Paperwork & Procedures	*Not Required*		
45. Area Asbestos Survey	☐	☐	☐
46. Sign into work area	☐	☐	☐
47. Sign out of work area	☐	☐	☐
48. Entry into Supervisors Log	☐	☐	☐
49. Detail Findings	☐	☐	☐
50. Enter Full Name	☐	☐	☐
51. Enter AH Cert. Number	☐	☐	☐
52. Worker Present	☐	☐	☐

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 7-7-10

Project Monitor Signature — Date 7-7-10

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 crtical or isolation barriers. This inpsection is the responsiblity of the asbestos abatement's supervior 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: 02-0527
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 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

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

Maureen A. Cox, Director
FOR THE COMMISSIONER OF LABOR

SH 432 (4-07)

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

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Maureen A. Cox, Director
FOR THE COMMISSIONER OF LABOR

SH 432 (4-07)

NVLAP® National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

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

BULK ASBESTOS FIBER ANALYSIS (PLM) **NVLAP LAB CODE 200530-0**

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

2009-07-01 through 2010-06-30
Effective dates

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

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

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200530-0

Paradigm Environmental Services, Inc.

Rochester, NY

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

BULK ASBESTOS FIBER ANALYSIS

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

2009-07-01 through 2010-06-30

Effective dates

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

Sally S. Bruce

For the National Institute of Standards and Technology

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

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
RICHARD F. DAINES, M.D.

Expires 12:01 AM April 01, 2011
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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

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.

STATE OF NEW YORK - DEPARTMENT OF LABOR

ASBESTOS CERTIFICATE

MATTHEW O POPEN
CLASS(EXPIRES)
C ATEC(07/10) H PM (07/10)

CERT# 08-10392
DMV# 724826626

MUST BE CARRIED ON ASBESTOS PROJECTS