



June 2, 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 3rd Floor, Work Area B at the above referenced project site. All detailed records are attached, grouped and tabulated by major record type. These include: *survey and confirmed removal quantities, applicable variances, daily air logs, daily air sampling reports, miscellaneous bulk sample reports, daily project monitoring logs, maps of sampling locations, and field and lab certifications*. Abatement contractor certifications and signed off work plans are incorporated by reference only. These documents are found in the *containment logs, maintained by LIRO Engineers*, for the dates referenced below.

The project air background samples were taken on September 15, 2009 and project containment set up began on January 27, 2010. The project continued until completion of abatement as confirmed by satisfactory air samples and Final Visual Inspection on February 8, 2010.

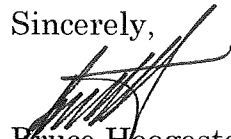
Asbestos removal quantities and material types were monitored during abatement for comparison to the original survey information. A table showing verified quantities and types versus original is provided below.

<u>3rd Floor - Area B</u> <u>Material Type</u> <u>Quantities</u>	<u>Total 3rd Floor</u> <u>Original Survey Quantities</u>	<u>Area B Only</u> <u>Verified Removal</u>
Spray-on Fireproofing	61,800 Square Feet	18,792 Square Feet
Ceiling System	44,600 Square Feet	9,075 Square Feet

Fire Doors are still in place.

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Bruce Hoogesteger', written over the printed name.

Bruce Hoogesteger

Paradigm Environmental Services, Inc.

Notifications & Quantities
Cover Summary



Asbestos Project Notification

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

Contractor Information

FEIN:232767393

Bristol Environmental, Inc.

Mailing Address

1123 Beaver Street

Bristol PA 19007

Asbestos License Number: 31019

Duly Authorized Representative

Ernest M Decaro III, Officer

Phone Number: 215-788-6040

E-mail Address: loycel@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
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Sub-Contractor Details

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

Night/Weekend/Shift Work Details

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

Party for Whom Work Is being Performed

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

Variance Information

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

Procedures and Type of Equipment and Ventilation Systems Used

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

Air Monitoring Firm

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

Laboratory Performing Analysis

Name:	ELAP Registration Number:
paradigm	10958

Type of Asbestos Work

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

Waste Transporter

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

Landfill

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

Type and Amount of Asbestos Containing Material

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

Fee

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

Project Fee Schedule

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

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

Remarks



Asbestos Project Notification

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

Contractor Information

FEIN: 232767393

Bristol Environmental, Inc.

Mailing Address

1123 Beaver Street

Bristol PA 19007

Asbestos License Number: 31019

Duly Authorized Representative

Ernest M Decaro III, Officer

Phone Number: 215-788-6040

E-mail Address: joycel@belgroup.com

Project Information

Project Start Date: 11/2/2009

Project End Date: 9/2/2010

Project Location County: Monroe

Project Location

Building Name: mcurdy bldg.

Room or Location: all floors

Bridge ID#:

Address Line 1: 285 east main st.

Address Line 2:

City Town or Village: rochester

State: New York

Zip Code: 14604

Building Information

Current Use: Vacant

Prior Use: Other

Approximate Year Built: 1960

Size(sq.ft): 460000

Is this fee exempt project?: NO

Reason:

Building Representative/Site Contact

Name: robert kreuzer
 Phone Number: 7168825476
 E-mail Address:
 Cell Phone Number:

Phase Details

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

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

Night/Weekend/Shift Work Details

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

Party for Whom Work is being Performed

First Name: Last Name:
 Organization: cambria contracting Address Line 1: 5105 lockport rd
 Apt./Suite: Address Line 2: 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.
 Individual Variance Petition Number: 09-0943

Procedures and Type of Equipment and Ventilation Systems Used

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

Air Monitoring Firm

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

Laboratory Performing Analysis

Name: paradigm ELAP Registration Number: 10958

Type of Asbestos Work

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

Waste Transporter

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

Landfill

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

Type and Amount of Asbestos Containing Material

Friable linear feet:	7660	Friable square feet:	175450
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825 - 1649 feet:	\$1000	500 - 999 feet:	\$1000
1650 or more feet:	\$2000	1000 or more feet:	\$2000

Remarks



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

Asbestos Project Notification

A. Type of notification

Check only one type of notification below.

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

B. Contractor information

Provide all information requested below.

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

2. Asbestos license number 31019

3. Contractor name and address

4. Mailing address (if different)

Bristol Environmental, Inc.

1123 Beaver Street

Bristol, PA 19007

C. Project site information

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

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

If amended: Starting date _____ Completion date _____

6. Project location: County Monroe

Name of building McCurdy Building

Room or other specific location All floors

Bridge Projects only: Bridge ID Number: _____

Street address 285 East Main Street

City, Town or Village Rochester State NY Zip Code 14604

7. Building information

Current use Vacant Year built _____ Last renovation 1960

Prior use store & offices Building size 460,000 sq. ft.

Is this a Federal building? ☐ No ☐ Yes

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

SH 483 (04-09)

II. Project details

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

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

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

Start date	End date	Location	Scope

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

Name _____ Asbestos Lic. No. _____

Name _____ Asbestos Lic. No. _____

11. Do you anticipate doing: ☒ Night work ☒ Weekend work ☐ Shift work

Days/hours Standard shift, Monday - Friday, 7:00 am to 3:30 pm

May work evenings & weekends to meet schedule

12. The party you are doing the work for: Name Cambria Contracting

Address 5105 Lockport Road

City, Town or Village Lockport, NY 14094

State NY Zip Code 14094

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

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

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

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

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

a) Type of equipment and ventilation systems used: HEPA Vacuums, Negative Air Ventilation Machines, Water
Hoses, Airless Sprayers, Collapsible Showers,
Respirators.

b) Name of air monitoring firm: Envoy Environmental Consultants, Inc.
Asbestos license number: 28454

c) Name of laboratory performing the analysis: Paradigm Environmental Services, Inc.
ELAP Registration number: 10958

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

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

17. Waste transporter name: Riccelli Trucking

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

18. Waste disposal site

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

19. Type and amount of asbestos-containing material involved

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

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

- ☐ 0 - 259 (\$0)
☐ 260 - 429 (\$200)
☐ 430 - 824 (\$400)
☐ 825 - 1649 (\$1,000)
☒ 1650 or more (\$2,000)

b) Square feet

- ☐ 0 - 159 (\$0)
☐ 160 - 259 (\$200)
☐ 260 - 499 (\$400)
☐ 500 - 999 (\$1,000)
☒ 1000 or more (\$2,000)

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

B. Remarks

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

C. Signature

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

Signature of the Contractor or 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.

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

When to file a notification

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

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

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

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

How to file a notification

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

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

Variances



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

Petition for an Asbestos Variance

To apply for an asbestos variance the Project Designer must:

- Complete all of the information on pages one and two of this asbestos variance request. Please type or print.
- Sign and date page two of the certification and all of the attachments.
- Send two copies of the petition and all attachments, with your \$350 fee, to the address at the top of this page.
 - o Make your check or money order payable to the Commissioner of Labor.
- Optional: To speed up the process you may include a self-addressed, stamped, express-mail envelope.

1a. Is this petition related to a safety or health emergency? ____ Yes ☒ No

b. If yes, explain:

2a. Name of Petitioner, (Property Owner): **Empire State Development Corporation**

b. Street Address: **400 Andrews Street - Suite 100**

c. City: **Rochester**

d. State: **NY** e. Zip: **14604**

f. Telephone Number: (**585**) **325-1944**

g. Fax Number: (**585**) **325-6505**

h. Petitioner's Federal Employee Identification Number (FEIN)

3a. Petitioner's Agent (Asbestos Contractor) Firm Name:

Cambria Contracting

b. Street Address: **5105 Lockport Road**

c. City: **Lockport**

d. State: **NY** e. Zip: **14094**

f. Telephone Number: (**716**) **625 - 6690**

g. Fax Number: (**716**) **625- 6693**

4a. Asbestos Contractor License No. **29410**

b. Name of Firm: **Cambria Contracting**

5. Building Description:

a. Affecting premises known as: **The MCCURDY'S Building**

b. These premises are situated on the ____ North, ____ South, ____ East, ____ West side of ____ Street, ____ Ave, ____ Road.

c. County of **Monroe**

d. Street Address: **Main / Broad / Euclid**

e. City **Rochester**

f. State: **NY** g. Zip

h. Is building occupied? Yes ☒ No

i. Current function of building: **Vacant**

j. Approximate area (square feet) of building: **500,000** k. Number of stories or height in feet: **6**

l. What is within 25 feet of all four sides (North, South, East, West) of building? i.e. sidewalk, alley, land, another building, etc.:

Sidewalks, alleys and other vacant buildings in Midtown complex

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

a. Issued to: ____ Owner ____ Asbestos Contractor ____ Operator ____ Other

b. Name on Order or Notice:

c. Date issued: ____ / ____ / ____

d. List the Industrial Code Rule (ICR) citations given on the Order to Comply or Notice of Violation:

7. If a variance has been granted previously for work closely resembling this project list:

a. Variance number: **File No. 07-0501**

b. Date variance granted: **07 / 07 / 07**

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

[illegible]

see attachments

see attachments

see attachments

b. Date: 10/01/09

M. C. Wray

9. Reason for Request

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

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

The McCurdy's Building - Asbestos Containing Materials:

- Spray-on Fireproofing – 417,500 SF
- Ceiling systems – 262,750 SF
- Pipe insulation – 6,990 LF
- Pipe insulation debris – 1000 SF
- Fittings on fiberglass pipe insulation – 670 fittings
- Duct/duct block insulation – 2,550 SF
- Floor tile/mastic – 39,700 SF
- Terrazzo tar paper - 82,500 SF
- Mirror mastic – 12,030 SF
- Transite panels/boards – 2,820 SF
- Transite electrical panel – 9 panel boxes
- Fire doors – 44 doors
- Vibration cloth/expansion joints – 48 each
- Caulk at walk-in cooler – 20 SF
- Windows with ACM caulk/glaze – 34 each
- Mastic from 1x1 ceiling tiles – 4,500 SF
- Transite cooling tower – 20'x20'x15', plus 100 SF of spare transite replacement panels
- Roof flashing – 5,250 LF
- Roof vents - 3 vents
- Coping tar – 500 LF
- Transite pipe – 40 LF
- Elevator components – 7 each

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

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

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

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

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

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

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

77 Prior to pre-abatement activities, limited general removal of components will be
78 completed that will not disturb or impact any ACM. Prior to regulated work area prep,
79 below ceiling demolition of non contaminated wall partitions will be performed as well as
80 removal of doors, trim, furniture, cabinets and other non ACM features of this building.
81 Non-asbestos materials being removed as construction debris will be visually inspected
82 by an on-site project monitor. No materials or wall boards will be disturbed at or above
83 the ceiling systems. No ACM will be disturbed as part of the general removals. At time
84 of inspection, and due in part to the previously existing and implemented O&M program
85 in this facility, no debris from the spray-on fireproofing above was found in spaces below
86 the ceiling system or within interior partition walls.
87
88 Walkways to adjacent noted in the most recent survey are no longer functional and are
89 demarcated with barrier tape and proper signage. Air samples will be taken at this
90 barrier location as per NY CRR56.
91
92 Plaster on exterior overhangs will be removed as part of this abatement project. These
93 exterior areas will all be hard walled and all abatement methods will adhere to NY
94 CRR56.
95
96 Duct block insulation noted in the survey report will be address as part of the Tunnels or
97 McCurdy's. This material was listed in this report because of it's proximity to this
98 structure, but additionally listed in McCurdy's because of its original intended function.
99

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

56-7.2 (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 aforementioned Sections of 12 NYCRR 56, the following procedures will preserve the spirit and intent of the regulation by ensuring safety of abatement personnel and the public:

General

- No dry removal or disturbance will be permitted. Non-hygroscopic materials will be misted with amended water before, during and after removal. Friable material will be saturated.
- Work will comply with all other applicable Sections of 12 NYCRR 56, USEPA and OSHA requirements.
- A copy of the Commissioner's decision will be conspicuously posted at the entrance to the personal decontamination enclosure.

Equipment Clarifications

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

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

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

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

Sequencing of Work Area Preparation and Removals

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

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

- 212 • Uncontaminated walls that are to remain within the work area will be
213 plasticized with 1 layer of flame retardant 6 mil poly sheeting sealed with
214 glue and tape. Contaminated surfaces and/or components to be demolished
215 will not be plasticized and will instead be removed as contaminated waste
216 or, if non-porous and fully cleanable, cleaned as part of the abatement
217 process.
- 218 • Negative air pressure will be established to provide a minimum of eight
219 (8) air changes per hour and -0.02 column inches of water pressure
220 differential relative to pressure outside of the regulated abatement work
221 area. Controlled stairwells will be used to exhaust negative air machines to
222 roof level adhering to 56-7.8 (11) and including conditions and relief granted
223 by AV-A-2.
- 224 • After establishing the negative pressure regulated abatement work area,
225 remaining partition wall will be removed above the ceiling line to the
226 decking. Non-porous partition components may be cleaned and salvaged as
227 scrap.
- 228 • After removal of uncontaminated wall partitions, carpet will be HEPA-
229 vacuumed, removed and disposed of as demolition debris.
- 230 • After carpet removal is complete, non-ACM floors throughout the work area
231 will be plasticized either with 2 layers of 6 mil flame retardant poly sheeting
232 or fire-retardant spray plastic if necessary, as set forth in 56-7.11.
- 233 • No ACM will be disturbed during the above listed activities. Activities will be
234 observed by a full-time independent project monitor.
- 235 • After the floors are plasticized, suspended lay-in type acoustical ceiling
236 systems will be removed and disposed of.
- 237 • Plaster, masonry and/or sheetrock walls and column wraps that obstruct
238 ACM or contaminated areas will be demolished. Contaminated debris from
239 this process will be containerized and disposed of as regulated friable
240 asbestos waste.
- 241 • Mechanical, electrical and plumbing ("MEP") systems that are specified for
242 demolition will be removed. These components, if non-porous, may be
243 cleaned and salvaged. Other materials (e.g. fiberglass insulation) will be
244 containerized and disposed of as regulated friable asbestos waste.
- 245 • After ceiling, wall and MEP removals are complete, remaining ACM and
246 contaminated materials will be removed and disposed of as regulated friable
247 asbestos waste.

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

- After gross removal of fireproofing by hand and mechanical scraping, a pressure washer will be used to remove the residual asbestos in conjunction with hand cleaning.
- Remaining ACM and contaminated materials will be removed and disposed of as regulated asbestos waste. All materials will have been removed at this point leaving only ACM flooring and mastic. All surfaces will be cleaned (wet methods and HEPA vacuuming) followed by satisfactory project monitor visual inspection.
- Clearance air sampling will be performed.
- After satisfactory air sampling, VAT will be removed and disposed as non-friable asbestos containing waste by applicable legal methods.
- ACM mastic beneath the tile will be removed by a combination of shot-blasted and/or solvent cleaning. Mastic removal waste will be containerized and disposed of as regulated friable asbestos waste.
- Terrazzo flooring will be sawcut so as to not impact the asbestos tar paper below. This will be performed within a regulated negative pressure work area. Once cut, the floors will be manually or mechanically broken up and removed.
- Remaining abatement substrates and other work area surfaces will be cleaned by a combination of HEPA-vacuuming, wet wiping and pressure washing as per 56-9.1(e).
- Subsequent to final cleaning, drying periods, inspections and clearance sampling will be conducted in accordance with 12 NYCRR 56.
- Upon receipt of final clearance results, the isolation barriers and decontamination system enclosures will be removed.

Containerization and Handling

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

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

Large Equipment Decontamination

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

Incidental Disturbance

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

For debris discovered within negative pressure work area:

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

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

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

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

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

Andre:

Per my conversation with my site personnel, you should be finished with the 6th floor, except for the glue dots, by the end of this week. This is good for BEI and Safeside.

You must have the 5th floor complete, including the ceiling systems areas by 2/1/10 to keep with the overall site schedule.

As you are aware, this job is highly political, and as such is under great scrutiny.

The last time we layed off employees, we were reprimanded for laying off crews while being behind schedule. If we do not make the 5th floor complete by 2/1, we will once again be behind schedule.

We are going to lay off 3 Pittsburgh Employees and 2 Rochester Employs. It would be in your best interest to add the local employees to Safeside. We have talked to the workers and they would be happy to do asbestos work for Safeside. Evidently they misunderstood Vito when he asked them about it.

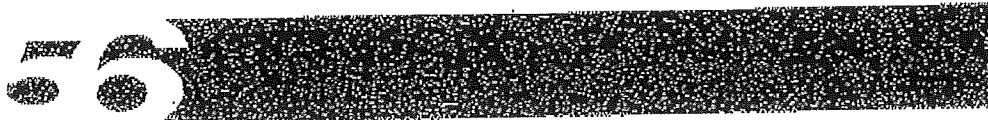
If you do not take the 2 local employees, then we are both in for a bunch of static from the owner. Do you really want to weather this storm? If you are questioning the workers, then you could always add 2 new employees from the union hall, it's your choice.

We will tell them later today of our intentions, please let me know ASAP about taking the employees.

Also I still need your per floor schedule that you promised last week.

Fm:Robert Barr To:Amendment Letter - 56 Services (15194571301)

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



January 18, 2010

09 0943
APPROVED

JAN 20 2010

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

New York State Dept. of Labor
Engineering Services Unit

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

Dear Mr. Alonge,

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

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

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

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

* EAS

* 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: ☒ MAH Popen

Date: 9-15-09

Job Ticket #: 31933

Building / Location: McCurdy's

Work Area: 3rd floor

Shift (A) B C

Project Description

ESDC

marks.

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

Bristol

John

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

412

5-8-09

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☒

Phase IIA ☐

Phase IIB ☐

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☒

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

ACM

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check

2nd Check

3rd Check

4th Check

5th Check

Time of air sampling pump check

Notes

on site 0700

set up pumps @ 0705

pump check @ 0830

break down @ 0945

to lab end of day.

Air Technician Signature

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

PARADIGM

PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Asbestos Air Monitoring
Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

11191-09

08-1080

Job Ticket #

31933

ESDC

Client

McCord's

Building/Location

Bristol

Contractor

42

Rotometer #

Project

Phase

Phase IB ☒Phase IIA ☐Phase IIB ☐Phase IIC ☐Phase IIC ☐Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

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

Field Sample #	I1	I2	I3	I4	I5	O6	O7	O8	O9	O10	B1	B2
Pre-Calibrated Flow Rate	41											
Post-Calibrated Flow Rate	41											
Average Flow Rate	41											
Start Time Military Time	0705	0705	0705	0714	0712	0707	0709	0708	0707	0710		
End Time Military Time	0935	0735	0735	0912	0912	0717	0757	0928	0938	0740		
Duration (Minutes)	150											
Sample Volume (Liters)	600											

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	645	646	647	648	649	650	651	652	653	654	655	656
Fibers/100 Fields:	2	0	1	0	0	1	1	0	1	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	N/A	N/A

Samples Relinquished By:

M.H. C. P.

Date:

9-15-09

Received in Lab By:

P. J. C.

Date:

9/16/09

Analyzed By:

N.I.E.T.

Date:

9/18/09

Microscope Make, Model & #:

Q35757

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: ☒ M. Porew Date: 1-27-10 Job Ticket #: 36156

Air Technician: ☒ M. Porew Work Area: 3B Shift ☒ A ☐ B ☐ C

Building / Location: McCurdy's

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

Abatement Contractor (Print Name): BEI Abatement Supervisor (Print Name): Rich

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

Map Completed: 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: E.P. Sq/ft Ln/ft Project with multiple removals ☐

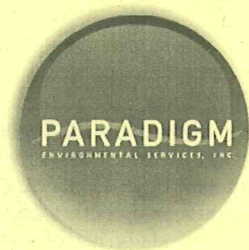
Type of Material: 1st Check 2nd Check 3rd Check 4th Check 5th Check

Time of air sampling pump check: Notes:

on site 0500
cal/set up pumps @ 0725
broke down @ 1705
to lab

Air Technician Signature: [Signature]

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

1439-10

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket #

36156 SM

Empire State Development Corporation

Client

McChady's

Building/Location

BEI

Contractor

69

Rotometer #

3B

Work Area

Rich

Contractor Contact

Cassette Lot #

MARK S

Client Contact

M. Popen

Air Technician

Fax Results To:

F.P.

Client Contact Phone

Air Technician Phone

Fax #

Materials to be Removed

Project

Phase

Phase IB ☐

Backgrounds

Phase IIA ☒

Work Area Preparation

Phase IIB ☐

Asbestos Handling

Phase IIC ☐

Final Cleaning

Phase IIC ☐

Clearance Airs

*

Env. ☐

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

Field Sample #	0-6	0-7	0-8	0-9	0-10		B-1	B-2				
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	0726	0728	0727	0727	0734							
End Time Military Time	1706	1708	1707	1707	1714							
Duration (Minutes)	580	580	580	580	580							
Sample Volume (Liters)	1740	1740	1740	1740	1740							

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	10	314	315	316	317	318	319	320				
Fibers/100 Fields:	5	13	20	19	7		1	0				
Fibers/cc:	1.01	1.01	1.01	1.01	1.01		NIA	NIA				

Samples Relinquished By:

M. Popen

Date:

1-27-10

Received in Lab By:

SM

Date:

1-28-10

Analyzed By:

SM

Date:

1-28-10

Microscope Make, Model & #:

221113

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: ☒

Date:

1-28-10

Job Ticket #:

36157

Building / Location:

McCurdy's

Work Area:

3B

Shift

A

B

C

Project Description

ESDL

Client / Owner (Print Name)

BEI

Client / Owner Representative (Print Name)

Pich

Client Contact (Print Name)

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

Phase IB ☐

Phase IIA ☒

Phase IIB ☐

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☒

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

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

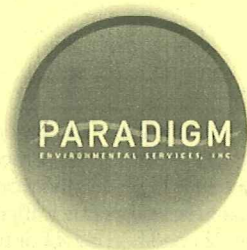
0700

Cal/set up @ 0727

broke down @ 1647

Air Technician Signature

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



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ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

1521-10

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket #

36157 SM 1-29-10

Empire State Development Corporation

Client

McCurdys

3B

Building/Location

BE1

Work Area

Rich

Contractor

64

Contractor Contact

Client Contact

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Rotometer #

Cassette Lot #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☒

Phase IIB ☐

Phase IIC ☐

Phase IIC ☐

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

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

Field Sample #	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	0727	0728	0729	0730	0740							
End Time Military Time	1647	1648	1649	1650	1708							
Duration (Minutes)	560	560	560	560	560							
Sample Volume (Liters)	1680	1680	1680	1680	1680							

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	10	941	942	943	944	945		946	947			
Fibers/100 Fields:	9	22.5	18		7			1	0			
Fibers/cc:	2.01	2.01	2.01	verbaled	2.01			N/A	N/A			

Samples Relinquished By:

M. Popen

Date:

1-28-10

Received in Lab By:

SM

Date:

1-29-10

Analyzed By:

SM

Date:

1-29-10

Microscope Make, Model & #:

221113

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

Verbals to Matt. SM 1-29-10 12:40pm

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ Matt Popen

Date: 1-29-10

Job Ticket #: 36158

Building / Location: McCordys

Work Area: 3B

Shift ☒ A ☐ B ☐ C

Project Description

ESDL

Client / Owner (Print Name)

BEI

Client / Owner Representative (Print Name)

Rich

Client Contact (Print Name)

Mark

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

61

Map Completed

Rotometer Number

Date of Last Calibration

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

Job Type

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

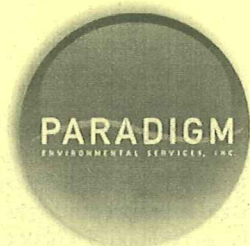
on site 0700

cal/set up 0735

broke down 1305

Technician Signature

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

1588-10

Job Ticket #

36158

Empire State Development Corporation

Client

McCordys

Building/Location

BEI

Work Area

Rick

Contractor

69

Contractor Contact

Client Contact

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Rotometer #

Cassette Lot #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

* Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

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

Field Sample #	06	07	08	09	010	011	012		B1	B2		
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3					
Post-Calibrated Flow Rate	3	3	3	3	3	3	3					
Average Flow Rate	3	3	3	3	3	3	3					
Start Time Military Time	0741	0740	0741	0742	0730	0732	0733					
End Time Military Time	1541	1540	1541	1542	1530	1532	1533					
Duration (Minutes)	480	480	480	480	480	480	480					
Sample Volume (Liters)	1440	1440	1440	1440	1440	1440	1440					

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	473	474	475	476	477	478	479		480	481		
Fibers/100 Fields:	17	8	18.5	5	20	10			1	0		
Fibers/cc:	1.01	2.01	2.01	2.01	2.01	2.01	2.01		NIA	NIA		

Samples Relinquished By:

Date:

1-29-10

Received in Lab By:

Date:

1-30-10

Analyzed By:

Date:

1-30-10

Microscope Make, Model & #:

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

Left voicemail for Math. SM 1-30-10 4:40pm

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ Matt Popen
Air Technician: ☒

Date: 2-1-10

Job Ticket #: 36160

Building / Location: McCordys

Work Area: 3B

Shift ☒ A ☐ B ☐ C

Project Description

ESDL

Client / Owner (Print Name)

BEI

Client / Owner Representative (Print Name)

Rich

Client Contact (Print Name)

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

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

Job Type

ff

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 0500

Cal / set up 0735

broke down 1705

Air Technician Signature

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

1721-10

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket #

36160 No job ticket required. SM 2-2-10

Empire State Development Corporation

Client

B McCurdy

33

Client Contact

Client Contact Phone

Building/Location

BEI

Work Area

Rich

Air Technician

Air Technician Phone

Contractor

69

Contractor Contact

Fax Results To:

Fax #

Rotometer #

Cassette Lot #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

*

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

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

Field Sample #	06	07	08	09	010	011	012		B1	B2		
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3					
Post-Calibrated Flow Rate	3	3	3	3	3	3	3					
Average Flow Rate	3	3	3	3	3	3	3					
Start Time Military Time	0741	0740	0741	0741	0730	0731	0732					
End Time Military Time	1711	1710	1711	1711	1700	1701	1702					
Duration (Minutes)	570	570	570	570	570	570	570					
Sample Volume (Liters)	1710	1710	1710	1710	1710	1710	1710					

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	12	229	230	231	232	233	234	235		236	237		
Fibers/100 Fields:	10					3.5	10.5	7		0	0		
Fibers/cc:	1.01	overloaded	overloaded	overloaded		1.01	1.01	1.01		NIA	NIA		

Samples Relinquished By:

M. McCurdy

Date:

2-1-10

Received in Lab By:

SM

Date:

2-2-10

Analyzed By:

SM

Date:

2-2-10

Microscope Make, Model & #:

221113

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

Left voicemail for Matt. SM

2-2-10 11:09 am

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ Matt Popen

Date: 2-2-10

Job Ticket #: 36161

Building / Location: McCordys

Work Area: 3B

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 ☐

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☒

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

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 0700

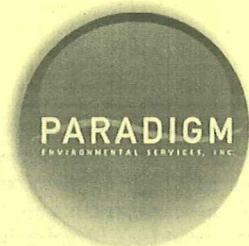
Cal / set up @ 0735

break down 1635

Matt Popen

Air Technician Signature

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

1778-10

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket #

36161 SM

Empire State Development Corporation

Client

McCurdys

33

Building/Location

BE1

Work Area

Rich

Contractor

69

Contractor Contact

Client Contact

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Rotometer #

Cassette Lot #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☒

Phase IIC ☐

Phase IIC ☐

*

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

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

Field Sample #	06	07	08	09	010	011	012		B1	B2		
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3					
Post-Calibrated Flow Rate	3	3	3	3	3	3	3					
Average Flow Rate	3	3	4.3	4.3	3	3	3					
Start Time Military Time	0735	0737	0737	0738	0730	0731	0732					
End Time Military Time	1635	1637	1637	1638	1630	1631	1632					
Duration (Minutes)	540	540	540	540	540	540	540					
Sample Volume (Liters)	1620	1620	1620	1620	1620	1620	1620					

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	575	576	577	578	579	580	581		582	583		
Fibers/100 Fields:	12	10	14	Over-load	8	6.5	5.5		0	0		
Fibers/cc:	<0.01	<0.01	<0.01	UNC	<0.01	<0.01	<0.01					

Samples Relinquished By:

Date:

2-2-10

Received in Lab By:

Date:

2-3-10

Analyzed By:

Date:

2-3-10

Microscope Make, Model & #:

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

Verbal to Matt P. @ 2:45pm 2-4-10

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ Matt Pagen
Air Technician: ☒

Date: 2-3-10

Job Ticket #: 36162

Building / Location: McCurdy's

Work Area: 3B

Shift ☒ A ☐ B ☐ C

Project Description

ESDL

Marks

Client / Owner (Print Name)

BEI

Client / Owner Representative (Print Name)

Rich

Client Contact (Print Name)

Abatement Contractor (Print Name)

Yes ☒ No ☐

Abatement Supervisor (Print Name)

69

NYSDOL Asbestos Handling Certificate Number

Map Completed

Rotometer Number

Date of Last Calibration

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

Job Type

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 0500

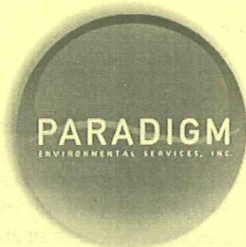
cal / set up @ 0735

broke down @ 1635

to lab

Air Technician Signature

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

1850-10

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket #

36162

SM 2-4-10

Empire State Development Corporation

Client

McCurdy's

Building/Location

Bt.

Work Area

Rich

Contractor

69

Contractor Contact

Client Contact

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Rotometer #

Cassette Lot #

Materials to be Removed

Project

Phase

Phase IB ☐

Backgrounds

Phase IIA ☐

Work Area Preparation

Phase IIB ☒

Asbestos Handling

Phase IIC ☐

Final Cleaning

Phase IIC ☐

Clearance Airs

* Env. ☐

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

Field Sample #	06	07	08	09	010	011	012		B1	B2		
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3					
Post-Calibrated Flow Rate	3	3	3	3	3	3	3					
Average Flow Rate	3	3	3	3	3	3	3					
Start Time Military Time	0741	0742	0741	0740	0735	0736	0737					
End Time Military Time	1641	1640	1641	1640	1633	1636	1637					
Duration (Minutes)	540	540	540	540	540	540	540					
Sample Volume (Liters)	1620	1620	1620	1620	1620	1620	1620					

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	13											
	089	090	091	092	093	094	095		0910	097		
Fibers/100 Fields:	7.5	11.0	11.5	17.5	4	18	6.5		0	0		
Fibers/cc:	2.01	2.01	2.01	2.01	2.01	2.01	2.01		N/A	N/A		

Samples Relinquished By:

M. H. C. B.

Date:

2-3-10

Received in Lab By:

SM

Date:

2-4-10

Analyzed By:

SM

Date:

2-5-10

Microscope Make, Model & #:

221113

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: ☒ Matt Popen
Air Technician: ☒

Date: 2-4-10

Job Ticket #: 36163

Building / Location: McCordys

Work Area: 3B

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 ☐

65

Map Completed

Rotometer Number

Date of Last Calibration

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

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 0700

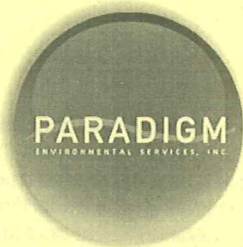
Cal/set up @ 0730

broke down @ 1700

to lab.

Air Technician Signature

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Lab Job #

1906-10

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Job Ticket #

36163 SM 2-5-10

Empire State Development Corporation

Client

McCordys

3B

Building/Location

BE

Work Area

Rich

Contractor

69

Contractor Contact

Client Contact

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Rotometer #

Cassette Lot #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☒

Phase IIC ☐

*

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

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

Field Sample #	06	07	08	09	010	011	012		B1	B2		
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3					
Post-Calibrated Flow Rate	3	3	3	3	3	3	3					
Average Flow Rate	3	3	3	3	3	3	3					
Start Time Military Time	0736	0735	0736	0737	0738	0739	0740					
End Time Military Time	1706	1705	1706	1707	1708	1709	1710					
Duration (Minutes)	570	570	570	570	570	570	570					
Sample Volume (Liters)	1710	1710	1710	1710	1710	1710	1710					

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	13	502	503	504	505	506	507	508	509	510		
Fibers/100 Fields:	10	6	13	Over 1000	7.5	15	5.5		0	0		
Fibers/cc:	<0.01	<0.01	<0.01	Unc.	<0.01	<0.01	<0.01					

Samples Relinquished By:	Date:
Received in Lab By:	Date:
Analyzed By:	Date:
Microscope Make, Model & #:	Turn-around Time

Comments:

V.M. to M.H. @ 4:30pm 2-5-10 B (over 1000)

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: ☒ JARROD MINER

Date: 2/5/10

Job Ticket #: 36770

Building / Location:

Work Area: 3B

Shift ☒ A ☐ B ☐ C

Project Description

ESDC

Client / Owner (Print Name)

Client / Owner Representative (Print Name)

Client Contact (Print Name)

BEI

RICH

MARK SMITH

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

69

10-13-09

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☒

Phase IIC ☐

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☒

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

FP

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check

0715

2nd Check

0900

3rd Check

1100

4th Check

1230

5th Check

1423

Time of air sampling pump check

Notes

ON SITE @ 0700

CAL/SET-UP PUMPS @ 0923

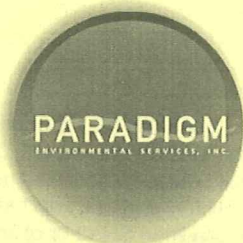
CHECKED PUMPS AT CORRESPONDING TIMES ABOVE. ALL FINE.

RE-CAL/BROKE DOWN PUMPS @ 1423

TOOK SAMPLES TO LAB

Air Technician Signature

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

1969-10

Job Ticket #

36770

Empire State Development Corporation

Client

McCurdy's

Building/Location

Bei

Contractor

69

Rotometer #

Work Area

Rich

Contractor Contact

Cassette Lot #

MARK S.

Client Contact

J. MINER

Air Technician

Fax Results To:

Client Contact Phone

313-9801

Air Technician Phone

Fax #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☒

Phase IIC ☐

*

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

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

Field Sample #	0-6	0-7	0-8	0-9	0-10	0-11	0-12		B-1	B-2		
Pre-Calibrated Flow Rate	3	3	3	3	3	3	3					
Post-Calibrated Flow Rate	3	3	3	3	3	3	3					
Average Flow Rate	3	3	3	3	3	3	3					
Start Time Military Time	0725	0723	0724	0726	0731	0733	0734					
End Time Military Time	1425	1423	1424	1426	1431	1433	1434					
Duration (Minutes)	420	420	420	420	420	420	420					
Sample Volume (Liters)	1260	1260	1260	1260	1260	1260	1260					

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	13933	934	935	936	937	938	939		940	941		
Fibers/100 Fields:	12.5				7.5	20.5	8.5		0.5	0		
Fibers/cc:	1.01	overload	overload	overload	1.01	1.01	1.01		NIA	NIA		

Samples Relinquished By:

J. MINER

Date:

2/5/10

Received in Lab By:

JS

Date:

2-5-10

Analyzed By:

SM

Date:

2-6-10

Microscope Make, Model & #:

221113

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

Left voicemail for Jared. SM 2-6-10 4:21 pm

White - Lab Original

Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

ENVOY

environmental consultants, inc.

Air Sampling Log Book

As per 12NYCRR amended January 11, 2006

Project Monitor: ☒ Math Popen

Date: 2-9-10

Job Ticket #: 36165

Building / Location: McCurlys

Work Area: 3B

Shift (A) B C

Project Description

ESDC

MARKS.

Client / Owner (Print Name)

BEI

Client / Owner Representative (Print Name)

Rich

Client Contact (Print Name)

Abatement Contractor (Print Name)

Abatement Supervisor (Print Name)

NYSDOL Asbestos Handling Certificate Number

Yes ☒ No ☐

61

Map Completed

Rotometer Number

Date of Last Calibration

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☐

Phase IIC ☒

Project Phase

Backgrounds

Work Preparation samples

Asbestos Handling Samples

Final Cleaning Samples

Clearance Air Samples

Class I ☒

Class II ☐

Large ☒

Small ☐

Minor ☐

Job Type

FR

Sq/ft

Ln/ft

Project with multiple removals ☐

Type of Material

1st Check

2nd Check

3rd Check

4th Check

5th Check

Time of air sampling pump check

Notes

on site

0800

leaf

blow

/ fans

-

0620

set up

pumps

@

0630

broke down

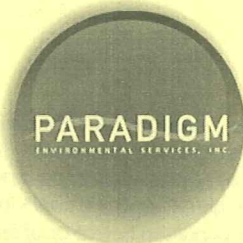
@

0740

to lab.

Air Technician Signature

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



PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

Asbestos Air Monitoring Chain of Custody

Meets NYCRR 56 amended January 11, 2006

Lab Job #

2134-10

Job Ticket #

36165

NO JOB
ticket received.
SM 2-9-10

Empire State Development Corporation

Client

McCurdy's

3B

Building/Location

BEI

Work Area

Rich

Contractor

61

Contractor Contact

Client Contact

Mark S.
Math P.

Client Contact Phone

Air Technician

Air Technician Phone

Fax Results To:

Fax #

Rotometer #

Cassette Lot #

Materials to be Removed

Project

Phase

Phase IB ☐

Phase IIA ☐

Phase IIB ☐

Phase IIC ☐

Phase IIC ☒

Env. ☐

Backgrounds

Work Area Preparation

Asbestos Handling

Final Cleaning

Clearance Airs

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

Field Sample #	I1	I2	I3	I4	I5	O6	O7	O8	O9	O10	B1	B2
Pre-Calibrated Flow Rate	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	0630	0630	0630	0631	0631	0633	0633	0633	0634	0634		
End Time Military Time	0740	0740	0740	0741	0741	0743	0743	0743	0744	0744		
Duration (Minutes)	70	70	70	70	70	70	70	70	70	70		
Sample Volume (Liters)	700	700	700	700	700	700	700	700	700	700		

Laboratory analysis Performed by: Paradigm Environmental Services, Inc.

ELAP ID # 10958

Lab Sample #	15 135	136	137	138	139	140	141	142	143	144	145	146
Fibers/100 Fields:	3.5	3	3	3.5	3	5	4	3	3	2	0	0
Fibers/cc:	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	NIA	NIA

Samples Relinquished By:

Date:

Received in Lab By:

Date:

Analyzed By:

Date:

Microscope Make, Model & #:

Turn-around Time

Immed. 24 Hr. 48 Hr.

Comments:

Verbal to Math. SM 2-9-10 9:13 am

White - Lab Original

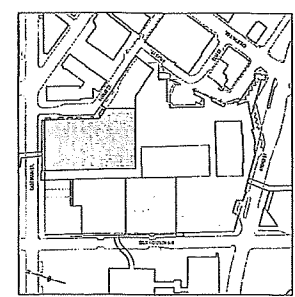
Yellow - Lab Copy

Pink - Project Folder

Goldenrod - Technician

Sample Locations & Maps

- * O10 on Roof
- * O11 vented up stair well to Roof,



THIRD FLOOR ASBESTOS ABATEMENT SCHEDULE		
	ASBESTOS CONTAINING MATERIAL TO BE REMOVED AND DISPOSED	QUANTITY
SPRAY ON FIBERGLASS		61,800 SF
FLOOR THERMASTIC		44,000 SF
CEILING THERMASTIC		44,000 SF
FIRE DOORS		4 DOORS
MARRIOTT MASTIC		2-4,000 SF
PIPE INSULATION		340 LF
CEILING		1,000 SF
VIBRATION CLOTH		4 BUSH
CEILING PANELS		12 BUSH
WALLS		12 BUSH
WINDSHIELD		12 BUSH

LEGEND:
PIPE CHASE

Requiescat Anima

- | | |
|-----|-----------|
| 3-1 | 13,200 SF |
| 3-2 | 8,000 SF |
| 3-4 | 35 SF |
| 3-5 | 35 SF |
| 3-6 | 35 SF |

[illegible]

ASBESTOS ABATEMENT NOTES:

- [illegible]

DATE AND NO.	08-21-104
PROJECT OF	5 9
PARTIAL NO.	MB-A5

3RD FLOOR
 ASBESTOS ABATEMENT PLAN

Empire State Development

DATE	DESCRIPTION	AMOUNT	BALANCE
1900	TO BALANCE	100.00	100.00
1901	BY SALES	200.00	300.00
1902	TO BALANCE	100.00	400.00
1903	BY SALES	200.00	600.00
1904	TO BALANCE	100.00	700.00
1905	BY SALES	200.00	900.00
1906	TO BALANCE	100.00	1000.00
1907	BY SALES	200.00	1200.00
1908	TO BALANCE	100.00	1300.00
1909	BY SALES	200.00	1500.00
1910	TO BALANCE	100.00	1600.00
1911	BY SALES	200.00	1800.00
1912	TO BALANCE	100.00	1900.00
1913	BY SALES	200.00	2100.00
1914	TO BALANCE	100.00	2200.00
1915	BY SALES	200.00	2400.00
1916	TO BALANCE	100.00	2500.00
1917	BY SALES	200.00	2700.00
1918	TO BALANCE	100.00	2800.00
1919	BY SALES	200.00	3000.00
1920	TO BALANCE	100.00	3100.00
1921	BY SALES	200.00	3300.00
1922	TO BALANCE	100.00	3400.00
1923	BY SALES	200.00	3600.00
1924	TO BALANCE	100.00	3700.00
1925	BY SALES	200.00	3900.00
1926	TO BALANCE	100.00	4000.00
1927	BY SALES	200.00	4200.00
1928	TO BALANCE	100.00	4300.00
1929	BY SALES	200.00	4500.00
1930	TO BALANCE	100.00	4600.00
1931	BY SALES	200.00	4800.00
1932	TO BALANCE	100.00	4900.00
1933	BY SALES	200.00	5100.00
1934	TO BALANCE	100.00	5200.00
1935	BY SALES	200.00	5400.00
1936	TO BALANCE	100.00	5500.00
1937	BY SALES	200.00	5700.00
1938	TO BALANCE	100.00	5800.00
1939	BY SALES	200.00	6000.00
1940	TO BALANCE	100.00	6100.00
1941	BY SALES	200.00	6300.00
1942	TO BALANCE	100.00	6400.00
1943	BY SALES	200.00	6600.00
1944	TO BALANCE	100.00	6700.00
1945	BY SALES	200.00	6900.00
1946	TO BALANCE	100.00	7000.00
1947	BY SALES	200.00	7200.00
1948	TO BALANCE	100.00	7300.00
1949	BY SALES	200.00	7500.00
1950	TO BALANCE	100.00	7600.00
1951	BY SALES	200.00	7800.00
1952	TO BALANCE	100.00	7900.00
1953	BY SALES	200.00	8100.00
1954	TO BALANCE	100.00	8200.00
1955	BY SALES	200.00	8400.00
1956	TO BALANCE	100.00	8500.00
1957	BY SALES	200.00	8700.00
1958	TO BALANCE	100.00	8800.00
1959	BY SALES	200.00	9000.00
1960	TO BALANCE	100.00	9100.00
1961	BY SALES	200.00	9300.00
1962	TO BALANCE	100.00	9400.00
1963	BY SALES	200.00	9600.00
1964	TO BALANCE	100.00	9700.00
1965	BY SALES	200.00	9900.00
1966	TO BALANCE	100.00	10000.00
1967	BY SALES	200.00	10200.00
1968	TO BALANCE	100.00	10300.00
1969	BY SALES	200.00	10500.00
1970	TO BALANCE	100.00	10600.00
1971	BY SALES	200.00	10800.00
1972	TO BALANCE	100.00	10900.00
1973	BY SALES	200.00	11100.00
1974	TO BALANCE	100.00	11200.00
1975	BY SALES	200.00	11400.00
1976	TO BALANCE	100.00	11500.00
1977	BY SALES	200.00	11700.00
1978	TO BALANCE	100.00	11800.00
19			

JULY 2000

R.F.C.	DATE:
STAMP BY:	

No Engineers, Inc.
100 Delaware Ave.





pn

BID DOCUMENT	DESCRIPTION
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[illegible]

1	1/30/01	DATE
NO.		

THOSE WHOSE SEAL APPEARED
ON THIS DRAWING. IF AN
AFFIX TO THE ITEM HAS SEAL
HIS SIGNATURE AND THE DATE

TO ALTER IN ANY WAY AN ITEM
THE ALTERING ENGINEER SHALL
"ALTERED BY" FOLLOWED BY

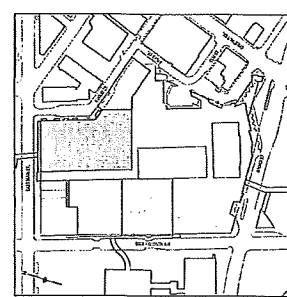
ON THIS DRAWING,
ITEM IS ALTERED, 1
AND THE NOTATION

[illegible][illegible]

1. **PREPARE THE PREPARATION SCHEDULE IN FIELDS BELOW. ITEMS, SUCH AS, ETC., THE QUALITY OF THE WORK, THE TYPE OF MATERIALS, THE TYPE OF EQUIPMENT, ETC., THE CONTRACTOR SHALL PROVIDE ALL LATER MATERIALS AND EQUIPMENT AND PERSONNEL ALL WORK REQUIRED TO COMPLY WITH THE SPECIFICATIONS AND REQUIREMENTS OF THE PROJECT. THE CONTRACTOR SHALL PROVIDE ALL LABORING AGENTS IN ACCORDANCE WITH NYSDOT, LCR 55 AND ENVIRONMENTAL SECTION 00505.**
2. **COLOR SYSTEM ABANDONMENT AND REMOVAL SHALL INCLUDE MATERIALS, REMOVAL AND DISPOSAL OR DECONTAMINATION OF ALL MATERIALS ABOVE THE DROP CEILING/ PLASTER CEILING, INCLUDING THE CEILING, WALLS, FLOORS, AND FURNITURE. THE CONTRACTOR SHALL REMOVE ALL MATERIALS WITHIN THE AREA, REMOVE AND DISPOSE OF OR DECONTAMINATE AND DISPOSAL OF ALL MATERIAL ENCOUNTERED IN ACCORDANCE WITH SECTION 00505.**
3. **MIRRORS ARE INSTALLED THROUGHOUT THE FLOOR LEVEL, ON WALLS, COLUMNS, ETC. THE CONTRACTOR SHALL REMOVE AND DISPOSAL OF ALL MIRRORS AS WELL. THE CONTRACTOR SHALL REMOVE ALL LABOR, EQUIPMENT AND MATERIALS REQUIRED TO REMOVE AND DISPOSAL OF THE MIRRORS. THE CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT AND MATERIALS REQUIRED TO REMOVE AND DISPOSAL OF THE CONTAINING MATERIAL WASTE SHALL BE DECONTAMINATED TO THE SATISFACTION OF THE PROJECT MONITOR. SHOULD THE SUBMITTAL NOT BE CLAMOROUS AS RECOMMENDED BY THE PROJECT MONITOR, THE CONTRACTOR SHALL REMOVE AND DISPOSAL OF THE SUBMITTAL AS WELL AT AN ADDITIONAL COST TO THE CONTRACT.**
4. **Pipe insulation, abandonment shall include the ABANDONMENT, REMOVAL AND DISPOSAL OF ALL PIPE INSULATION AND FITTINGS INCLUDING FIREGLASS INSULATION UNLESS OTHERWISE APPROVED BY THE PROJECT MONITOR. DUE TO PREVIOUS MAINTENANCE ACTIVITIES PIPING BENEATH CONTAIN BOTH ABOVE AND BELOW THE FLOOR. THE CONTRACTOR SHALL REMOVE AND DISPOSAL OF ALL PIPE INSULATING MATERIAL TO INSURE ALL ASB INSULATION IS PROPERLY REMOVED.**

3-1	13,200 SF
3-2	8,000 SF
3-4	3,550 SF
3-5	3,550 SF
3-6	3,550 SF

THIRD FLOOR ASBESTOS ABATEMENT SCHEDULE	
ASBESTOS CONTAINING MATERIAL TO BE REMOVED AND DISPOSED	QUANTITY
SPRAY-ON FIREPROOFING	61,800 SF
FLOOR TILE MASTIC	18,000 SF
CEILING TILES	44,600 SF
FIRE DOORS	4 DOORS
MARBLE MASTIC	2,400 SF
PIPE INSULATION	340 LF
VIBRATION CLOTH	4 E/CH
TRANSITE PANELS	1,000 SF
HYDROIDS	12 EACH



LEGEND:

PIPE CHASE

[illegible]

P.M. Logs & FVI
Misc. Sampling



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Matt Popen

DATE: 1-27-10

Contract #

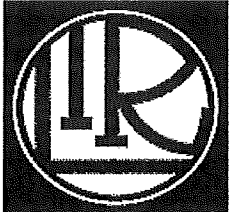
Liro Job #:

HOURS: 0500-1730

TASK: PM On site

MP

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



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Matt Popen

DATE: 1-29-10

Contract #

Liro Job #:

HOURS: 0700-1630

TASK: PM On site

mg

TIME

ACTIVITY McCurdy's Bldg. SB1, 3B, 5D, 5E

0700

Arrived on site. Cal/setup pumps for SB1, 3B, 5D. Workers hung a few sheets of poly yesterday at the end of the day for area 5E, Large tent. They are not working on that area yet today. 3B is ready to begin ceiling systems, 5D is beginning plaster removal, then they will glove bag PI. SB1 still in prep phase. 4A ready for FVI this morning. Vtec is in there now with 9 workers making sure it is perfect.

0830

9 Bristol crew, 1 cleans, 2 SB1, 6 on 4th floor demo. 21 abatement crew, 9 with Vtec in 4A, 5 in 5D, 7 in 3B about to start ceiling removal.

0930

Checked on the progress of the sub-basement. They are working on the boiler room. I told Vtec that he needs to remove the metal vent cover that his negative air from 3B is moving through. He said he will do it. I did the FVI for 4A from 0920 to 0955. The area was exceptionally clean. I found one small amount of debris on a column which was cleaned immediately. 4A passes inspection and will be sampled tomorrow. I spoke with Billy at 1030. He is worried about the amount of dust from the chute. I told Vtec they need to use more water at the top and bottom of the chute. ACM waste trailer is here and is being prepared. I have to watch them to make sure they do this correctly.

1200

Vtec is loading the trailer, he has also resumed prep for 5E. I set up samples around this area. Both 5D and 5E are using 4A decon as remote decon. 5D is in glove bag process and moving along well. Vtec hopes to complete this today, we will see. I checked in on them before lunch, they are almost finished already and are cleaning.

1400

Spoke with Mike. He is planning to walk the 6th today. I spoke with Vtec again, they are cleaning 5D. He says FVI by the end of the day. 24 boxes and 425 bags ACM waste taken off site today.

1630

FVI at 1500 for area 5D. All PI removed, pipes and ceilings clean. Floors are clean, area looks good. I collected my pumps for all 4 areas. I will take final airs tomorrow.



TASK:PM On site

[illegible]



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Matt Popen

DATE: 2-2-10

Contract #

Liro Job #:

HOURS: 0700-1730

TASK: PM On site

TIME	ACTIVITY <i>McCurdy's Bldg. SB1, 5E and 3B</i>
0700	On site, cal/set up pumps for areas SB1, 5E, and 3B.
0800	10 Bristol workers, 4 SB1 build waste decon/prep. 6 Demo on 3 rd floor. 18 workers for Vtec, 10 in 3B, 4 cleaning 5E/abating minor tents 5F and 5G. 4 are on the 4 th floor doing ceilings in non ACM fireproofing area.
0930	Ted asked me to quantify 4 th floor FP for him, I had to have him show me how to do this.
1000	Dumpster exchange.
1200	I have been quantifying/measuring FP areas. 4A is an extremely difficult area to measure as all beams are different sizes and shapes. I spoke with Ted and he wants to go over these numbers with me later.
1215	Dumpster exchange.
1230	Lunch Break
1330	Dumpster exchange/broke down samples for 5E as they are finished with final clean.
1430	I did the FVI's for areas 5E, 5F, and 5G. F and G are minor glove bag areas of 12 Linear Feet of PI each. Both minor tents looked good. In 5E there were a few areas that were around pipes that I had them Hepa Vac for dust. Pipes look clean, no residue. All 3 areas pass inspection and will be sampled tomorrow.
1530	FVI forms filled out/signed. I discussed options for running power into cont. SB1 with Rich. In SB1 to observe prep, pointed out a few criticals they missed. 1500-1530 Vtec has begun removal of FP in 3B.
1730	Spoke with Vtec, he thinks they will finish 3B removal tomorrow or Thursday and will clean until at least Monday. Began setting up for finals tomorrow, collected samples and brought to lab.



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Matt Popen

DATE: 2-3-10

Contract #

Liro Job #:

HOURS: 0500-1730

TASK: PM On site

TIME	ACTIVITY McCurdy's Bldg. 5E, 5F, 5G, 3B, SB1
0500	On site, leaf blow 5E, cal/set up pumps at 0830 at 7 LPM.
0730	Finals for 5E, F, and G collected. I began setting up IIB in 3B and IIA in SB1.
0830	Finals to the lab. 21 abatement workers. 13 in 3B, 8 on 4 th Floor non ACM FP. 12 Bristol workers 4 SB1, 8 demo 3 rd floor.
0930	Spoke with Ted and Mike about spike in exhaust fumes in tunnel yesterday. Rich said he has several dumpster exchanges today.
1100	In containment 3B from 1000 until 1045. I was called out for a dumpster exchange. Plenty of water being used in containment. They are about 50% finished with removal. ACM being cleaned up as they go along. I Will check back in later today. Finals from this morning all passed.
1200	I checked the progress of prep in the Sub basement, they are almost done.
1400	Dumpster exchange at 1230. Another at 1300. I observed both. Spoke with Vtec, they are finished breaking down containments on 5. I also spoke with him about needing a containment for the floor tile removal on the 5 th floor.
1430	Lissa has been working on additional hazmat materials. She gave me a list of everything turned over to Cambria today. All ballasts/bulbs will be moved to Cambria's area on Monday via Bobcat.
1530	Turned in hazmat sheet to Mike in Liro office, he asked me for 4 th floor FP quantities, I told him I still need to go over the numbers with Ted. Began paper work.
1730	In containment 1545-1615. Removal is finished, they are going to begin final clean tomorrow. I also turned quantities of FP for 4 th floor in to Ted. Samples collected and taken to the lab.



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Matt Popen

DATE: 2-4-10

Contract #

Liro Job #:

HOURS: 0700-1730

TASK: PM On site

TIME	ACTIVITY <i>McCurdy's Bldg. 3B, SB1</i>
0700	On site, cal/set up pumps for area 3B.
0800	3B is in final clean stage. 4 th floor exploratory demo of plaster ceiling to find ACM pipes has begun. Bristol has 12 workers, 4 Prep in SB1, 8 demo/load out from lower floors. 20 abatement workers, 12 in 3B, 4 demo/load out non ACM FP area on 4 th Floor, 4 exploratory demo.
1000	I noticed that a critical was loose in the stairwell that Vtec is using to vent negative air from 3B. I told Vtec and he had the leak fixed as well as the critical right away. Both areas were cleaned. I also spent some time with Mike and Ted going through the 4 th and 5 th floor ACM quantities.
1200	Dumpster exchange at 1030. I checked to make sure the leak on 2 was fixed, it has been. In containment 1050-1130 observing final clean. ACM bagged up/removed. Beams power washed. They are scrubbing the decking and cleaning the hangers.
1330	Observed exploratory demo on 4 th floor. They are about 1/3 of the way and have only found 1 pipe so far. I also explained to the crew in SB1 how they have to seal up the negative air exhaust tubes from their containment once they get them hooked up.
1500	Spoke with Rich about criticals in stairwell for negative air from SB1. I also continued observing exploratory on 4 th floor. They still have only found 1 pipe, no more than 50 feet so far. Got a call from the lab, overloaded/high samples again yesterday, demo dust continues to effect air samples. Demo today continues on 3 rd floor and will effect samples.
1730	In containment from 1550 to 1625. Observed washing, scrubbing beams. I told them to make sure not to skip the hangers and sprinklers. Spoke with Vtec about a FVI Monday. I also spoke with Darryl and Rich about the next work area. They are getting ready to remove the non ACM FP on 4. Samples collected for 3B and brought to lab.



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Jarrod Miner

DATE: 2/5/10

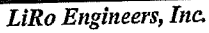
Contract #

Liro Job #: 09-1080

HOURS: 0700 - 1530

TASK: PM

TIME	ACTIVITY - McCurdy's
0700	On site.
0715	Calibrated and set up pumps for Phase IIA in SB1 and Phase IIC (Final Cleaning) in 3B. All pumps up and running at 3 LPM. No issues during set up. 12 guys in 3B, 4 workers in SB1, 4 workers doing demo on 4 th floor ceiling plaster, 4 workers moving decon on 4 th floor to 3 rd floor, and a few guys cleaning 1 st and 4 th floors (sweeping, etc.)
0800	Talked with Jim C and Rich about how Marcor would be able to get to 2 nd floor containment in Seneca since stairs they used to use are being polyed off for neg. air in SB1. Informed him his workers could use the elevator in McCurdy's.
0900	Checked pumps in SB1 and 3B. All still working properly, no problems so far.
1000	Helped Rich guide waste out truck into tunnel so boxes could be loaded in and removed off site. Observed removal of waste-out boxes into truck in order to ensure nothing happened. 416 bags and 24 boxes were loaded into truck.
1100	Checked pumps in SB1 and 3B. All still working properly, no problems so far.
1130	Went over to Liro office to grab paperwork. Informed Darryl of number of abatement workers and demo workers in McCurdy's.
1230	Talked with Rich briefly – both crews intend to work straight through lunch in order to leave sooner due to snow storm hitting in p.a.
1300	Checked pumps in SB1 and 3B. All still working properly, no problems so far.
1430	Re-calibrated and started breaking down pumps in SB1 and 3B. All pumps still running at 3 LPM. No issues throughout the day.
1500	Finished up paperwork and took samples to the lab.



NAME: *Matt Popen*

DATE: 2-8-10

Contract #

Liro Job #:

HOURS:0700-1730

TASK:PM On site

[illegible]



LiRo Engineers, Inc.

Midtown Plaza Complex Asbestos Abatement Daily Summary Report

NAME: Jarrod Miner

DATE: 2/9/10

Contract #

Liro Job #:

HOURS: 0700-1730

TASK: PM On site

TIME	ACTIVITY <i>McCurdy's Bldg.</i>
0700	Arrived on site.
0730	Went to pump room to gather more high volume pumps to setup in various work areas that were being prepped today. Helped Matt move pumps from 3B to 3A in order to run samples for Phase IIA in work area 3A.
0815	Helped Matt setup pumps in 4C so he could run prep samples.
0900	Began setting up pumps for phase IIA in work area 4D. Supervisor has no intention of beginning removal today – is going to prep both locations and begin abatement tomorrow. Setup samples for 4D. All pumps working properly and running at 3 LPM.
0945	Calibrated and setup samples in work area 5H for phase IIB. All pumps working properly and running at 3 LPM. No issues during setup.
1030	Helped Matt and Anthony (BEi) quantify pipe insulation and plaster ceiling in 4C and 4D. Also took pictures of the areas for reference.
1130	Checked pumps in 4D and 5H. All pumps still running properly. Obtained worker counts for the building – 17 abatement workers on floors 3, 4, and 5. 9 Demo workers setting up tents in Sub-basement and doing perimeter demo work on 1 st floor.
1200	Took lunch.
1230	Went and checked out the progress of the tents in sub-basement. Also talked with Rich to see what the plan is for the sub-basement. Plan is to complete the tent areas this week and continue on work area SB1 next week.
1330	Checked pumps in both work areas – all okay.
1400	Went to Liro office to grab paperwork and make copiers of floor plans in order to draw maps of work areas.
1515	Checked pumps in 4D and 5H. All still okay. Vtec should have removal on 5H completed by the end of the day. No issues so far.
1700	Re-calibrated and broke down samples. All pumps still running at 3 LPM. No issues throughout the day.
1730	Took samples to the lab.



NAME: Matt Popen

DATE: 2-9-2010

Contract #

Liro Job #:

HOURS:0500-1730

TASK:PM On site

TIME	ACTIVITY
	McCurdy's Bldg. 3B, 3A, 4C, 5H and Sub-Basement
0500	On site, began aggressive air sampling procedure.
0630	Cal/set up pumps for 3B finals.
0740	Broke down pumps for 3B. Set up for IIA in 3A and 4C.
0830	I brought the finals to the lab at 0800. Jarrod continues to set up prep samples. We had to move all of our equipment as well as gather several more pumps. 3A, 4C, 5H all under prep. Bristol workers continue bathroom demo in SB, no abatement today on this floor.
0845	4C prep setup.
1030	Walked floors with Rich, calculated quantities on PI on 4 th Floor.
1200	Walked with Mike, Bill, Darryl, Bob on 6 th floor for Punch List.
1400	All FT and mastic removed with plywood materials being bagged and wrapped up. Minor tents being constructed in the sub-basement. Mostly fittings and elbows in bathroom walls and ceilings. Spoke with Rich and SB1 plan, they will do 4 minor tents first, then abate SB1.
1530	Filled out maps/paperwork for all new areas. Spoke with Ted about some samples Liro asked him to take on the 6 th floor.
1600	FVI in 5H for Vtec. All VAT removed with plywood, area washed/vacuumed clean. Area looks good, FVI passes.
1730	Discussed tomorrows plans with Rich and Vtec and Jarrod. Collected samples and brought to lab.

Envoy Environmental Consultants Inc.

Empire State Development

Project Monitor Visual Inspection Report



As per 12NYCRR Part 56 amended January 11, 2006

Building & Location: McCurdys 3B Job Ticket # 36164

Project Description: ESDC Work Area: Mark's PROJECT # 09-1080

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

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

Yes ☒ No ☐ Supervisors Visual Inspection Completed? Supervisor Completing Visual Inspection (print name): Rich Rupertus NYSDOL Asbestos Handling Certificate Number: 08-10392 Date: 2-8-10

Project Monitor (Print Name): Matt Popen NYSDOL Asbestos Handling Certificate Number: 08-10392 Date: 2-8-10

Site Emergency Phone: _____

Job Type: Class I ☒ Class II ☐ FP

Job Size: Large ☒ Small ☐ Material ☐

Sq Ln Ft

Project Monitor Visual Inspection Checklist

Project with Multiple Removals ☐

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

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

Deficiencies, Corrections or notes

Briefly list all deficiencies and target compliance dates

1.
2.
3.
4.

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

Supervisors Signature: <u>Rich Rupertus</u>	Date: <u>2-8-10</u>
Project Monitor Signature: <u>M. M. C. Popen</u>	Date: <u>2-8-10</u>
PASS <input checked="" type="checkbox"/> Area Cleared to proceed with Clearance Airs FAIL <input type="checkbox"/> Area needs Reclean and Reinspection	

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

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

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

Copy delivered to:

On Date:

By:

FVI form

White - Envoy / Paradigm Yellow - LiRo Pink - Contractor

Certifications

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



JARROD D MINER
CLASS(EXPIRES)
C ATEC(06/11) H PM (06/11)



CERT# 10-00223
DMV# 845680311

MUST BE CARRIED ON ASBESTOS PROJECTS

STATE OF NEW YORK - DEPARTMENT OF LABOR

ASBESTOS CERTIFICATE



MATTHEW O'POPEN
CLASS(EXPIRES)
C-ATEC(07/10) R-PM (07/10)



CERT# 08-10392
DMV# 724826626

MUST BE CARRIED ON ASBESTOS PROJECTS

New York State Department of Health Certificate of Asbestos Safety Training

This form is the official record of successful completion of a New York State accredited asbestos safety training course.

Certificate No. **552573**

I - To be completed by Trainee

Name of Trainee (print) <u>Matthew C. Popen</u>	NYS Depart. of Motor Vehicles ID (DMV ID) ¹ <u>724 826 626</u>	
Signature of Trainee <u><i>Matthew C. Popen</i></u>	Telephone Number <u>585-731-1528</u>	Date of Birth ¹ <u>07-20-1985</u>
Address (Street or PO Box) <u>235 Rte 29</u> (City) <u>Brookport</u> (State) <u>NY</u> (Zip Code) <u>14420</u>		

II - To be completed by Training Sponsor

Provider's Name <u>Cornerstone Training Institute</u>	Telephone Number <u>585-319-3025</u>
Address <u>1680 Lyell Avenue Suite 200</u>	Course <u>ASBESTOS</u>
Zip Code <u>Rochester, NY 14606</u>	Location: <u>SAME</u>

Course Title: Project Monitor ☐ Initial ☒ Refresher ☐ NYS DOH use only
DOH Equivalency²

Training Language: ☒ English ☐ Other: _____ Exam Grade/Date: 88.5 6/3/09

Dates of Training: From: 6/3/09 To: 6/3/09 Expires: 6/3/10

I certify that the asbestos safety training course given on the above date complied with both 10 NYCRR Part 73 and TSCA Title II; was consistent with the curriculum and instructors approved by the New York State Department of Health, and the trainee receiving this certificate completed the training course and successfully passed the examination.

Training Director²: Darren Yehl (Print) *[Signature]* (Signature)

Concentra Medical Centers (NY)687 Lee Rd Suite 208 Rochester, NY 14606
Phone: (585) 458-7910 Fax: (585) 458-7507**EMPLOYER AUTHORIZATION AND INFORMATION FOR RESPIRATORY EVALUATION****EMPLOYER TO COMPLETE THE FOLLOWING :**Employee Name: Popen, MathewEmployer: Envoy Environmental Services

Check Type of Respirator(s) To Be Used (Check ☒ ALL that apply)

☐ Air-purifying (non-powered) ☐ Air-purifying (powered)
☐ Atmosphere supplying Respirator
☐ Combination air-line and SCBA
☐ Continuous-Flow Respirator
☐ Supplied-Air Respirator
☐ Open Circuit SCBA ☐ Closed Circuit SCBA
☐ Dust Mask ☐ 1/2 Face with Canisters ☐ Full Face with Canisters

Make: _____ Model: _____ Cartridge: _____

Special Work Conditions
(Check ☒ ALL That Apply When Wearing Respirator)

☐ High Places ☐ Enclosed Places ☐ Protective Clothing
☐ Temperature Extremes ☐ Mostly Cold ☐ Mostly Hot
☐ Other: _____

Questionnaire will be: ☐ HAND CARRIED ☐ MAILED ☐ OTHER

DO NOT WRITE BELOW THIS LINE

Address:

235 Root RdBROCKPORT NY 14420Employee SSN: XXX-XX-3797**Extent of Usage** (Check ☒ ALL that apply)

☐ On a daily basis _____ Total Hours
☐ Occasionally - but not more than twice a week _____ Total Hours
☐ Rarely - or for Emergency situations only _____ Total Hours

Expected Physical Effort Required (Check ☒ ALL that apply)

☐ Light ☐ Moderate ☐ Heavy

Exposure to Hazardous Materials (Check ☒ ALL that apply)

☐ Arsenic ☐ Benzene
☐ Coke Oven ☐ Cotton Seed / Dust
☐ Cadmium ☐ Formaldehyde
☐ Methylene Chloride ☐ Lead
☐ Textiles ☐ Chromium

Other(s): _____

EVALUATION AUTHORIZATION BY: _____

Signature of Employer Representative

DO NOT WRITE BELOW THIS LINE

PLHCP¹ WRITTEN STATEMENT for RESPIRATORS (EMPLOYER)**PHYSICIAN WILL COMPLETE THE FOLLOWING**

This report may contain confidential medical information and is intended for the designated employer contact only. The Americans with Disabilities Act (ADA) imposes very strict limitations on the use of information obtained during physical examination of qualified individuals with disabilities. All information must be collected and maintained on separate forms, in separate files, and must be treated as a confidential medical record, with the following exceptions:

- Supervisors and managers may be informed about necessary restrictions on the work or duties of an employee and necessary accommodations.
- First aid and safety personnel may be informed, when appropriate, if the disability might require emergency treatment.

Based upon my findings, I have determined that this individual (Check ☒ ALL that apply)

☐ Employee must schedule a medical examination with Concentra Medical Centers (NY) prior to respirator approval and usage.

☒ Class I - No Restrictions on Respirator Use

☐ Class II - Some Specific Use Restrictions

☐ Class III - Respirator Use is NOT PERMITTED

☐ Further Testing / Evaluation is Required. ²

☐ Fit Test Required

☐ Fit Test Performed Satisfactorily

☐ Fit Test Performed Unsatisfactorily

☐ Fit Test NOT Performed at: Concentra Medical Centers (NY)

☐ Special prescription eyewear needed to accommodate respirator

☐ Special prescription eyewear needed to accommodate respirator

☐ Facial hair needs to be shaved to assure tight seal on certain face masks.

¹ Physician or other Licensed Healthcare Professional

² Employee must seek further medical evaluation by a private physician who must submit a report to Concentra Medical Centers (NY) of his/her findings to

(Check ☒ ALL that apply)

☒ The above individual HAS been examined for respirator fitness in accordance with 29 CFR 1910.134. This limited evaluation is specific to respirator use only. Employees should be instructed to report any difficulties in using respirators or change of any physical status to their supervisor or physician. This evaluation included the Respiratory Questionnaire outlined in 29 CFR 1910.134.

☐ The above individual HAS NOT been examined by me for respirator fitness. The employee's medical evaluation consisted of a review of OSHA's Medical Evaluation Questionnaire in Appendix C Part A Section 2. In accordance with 29 CFR 1910.134, this limited evaluation is specific to respirator use only. Employees would be instructed to report any difficulties in using respirators or change of any physical status to their supervisor or physician. This evaluation included the Respiratory Questionnaire outlined in 29 CFR 1910.134.

☐ In accordance with specific OSHA requirements, I have informed the above named individual of the results of this evaluation and of any medical conditions resulting from exposures that may require further explanation or treatment. Where applicable, the above named individual has been informed of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos, lead and/or other chemical exposure(s).

Physician's Signature

Physician's License Number (Optional in Most States)

Physician's Name (Printed)

Date of Exam

Expires On

Service Date: 06/04/2009

Concentra Medical Centers (NY)

687 Lee Rd Suite 208 Rochester, NY 14608
Phone: (585) 458-7910 Fax: (585) 458-7507

Medical Surveillance - Asbestos

Patient: Popen, Matthew

SSN: XXX-XX-3797

DOB: 07/20/1985

Gender: M

Marital Status: S

Address: 235 Root Rd

BROCKPORT, NY 14420

Home Phone: (585) 739-4528

Work Phone: _____ **Ext.:** _____

Job Title:

Employer: Envoy Environmental Services

Address: 57 Ambrose St

Rochester, NY 146081215

Job Contact: Shawn House

Role: Primary Contact

Phone: (585) 454-1060 Ext.:

Fax: (585) 454-1062

Race: ASIAN BLACK HISPANIC INDIAN WHITE OTHER

The above individual was seen on 06/04/2009 in accordance with: 29 CFR 1926.1101.
40 CFR 763.121.

The following was performed:

- ☒ Completion and review of the standardized medical questionnaire and work history with special emphasis directed to the pulmonary, cardiovascular, and gastrointestinal systems per Appendix D in 1926.1101.
- ☒ Review of the employer's description of: this employee's duties as they relate to the employee's exposure, the employee's representative or anticipated exposure level, and personal protection equipment to be utilized by the employee.
- ☐ Review of information from previous medical examinations if available.
- ☒ A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems.
- ☒ A pulmonary function test of forced vital capacity (FVC) and forced expiratory volume at one second (FEV₁) in accordance with NIOSH and ATS standards.
- ☐ A chest roentgenogram, posterior-anterior, 14x17 inches (or current film on file) with interpretation in accordance with 29 CFR 1926.1101. (M)(2)(ii)(C).
- ☒ NOTE: According to 29 CFR 1926.1101 (M)(2)(ii)(C), it is up to the discretion of the physician whether or not a chest X-ray is required.
- ☒ The employee was informed by the physician of the results of the exam and of any medical conditions that may result from asbestos exposure including the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

Unless otherwise noted below, this evaluation indicates that there are no detected medical conditions that would place the employee at an increased risk of material health impairment from exposure to asbestos, and there are no recommended limitations on the employee concerning the use of personal protective equipment or respirator.

Comments or limitations (if any):

Provider Signature _____

Date _____

RESPIRATOR FIT - TEST RECORD

Employee's Name: MATT Popper

Employee's Social Security Number: 3797

Fit Test Date: 5-18-09 Person Conducting Fit-Test: D. Huc

Respirator Selected for Test: 1/2 FACE

Manufacture: Mettl Model: 7700

Respirator Size: L

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

Was Rainbow Passage Used: Yes: ☒ No: ☐

Was Face Piece to Face Seal Obtained: Yes: ☒ No: ☐

Signature of Person Performing Fit Test: D. Huc

RESPIRATOR FIT - TEST RECORD

Employee's Name: Matt Peden

Employee's Social Security Number: 3797

Fit Test Date: 12-27-09 Person Conducting Fit-Test: T. TRUNNINGS

Respirator Selected for Test: Full Face


Manufacture: Worn Model: 7600

Respirator Size: Med

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

Was Rainbow Passage Used: Yes: ☒ No: ☐

Was Face Piece to Face Seal Obtained: Yes: ☒ No: ☐

Signature of Person Performing Fit Test: 

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE




THEODORE A. TRONNES
CLASS (EXPIRES)
DATEC (06/10) D INSP (06/10)
N-PM (06/10)



CERT# 07-00223
DMV# 775062693

MUST BE CARRIED ON ASBESTOS PROJECTS

I - To be completed by Trainee

Name of Trainee (print) <u>TRONNES, Theodore A.</u>	NYS Depart. of Motor Vehicles ID (DMV ID) ¹ <u>775-062-693</u>	
Signature of Trainee 	Telephone Number <u>(585) 202-5733</u>	Date of Birth ¹ <u>06/21/1979</u>
Address <u>320 ENGLISH RD. ROCHESTER, N.Y. 14616</u> (Street or PO Box) (City) (State) (Zip Code)		

II - To be completed by Training Sponsor

Provider's Name <u>Cornerstone Training Institute</u>	Telephone Number <u>585-319-3025</u>
Address <u>1680 Lyell Avenue Suite 200</u>	Course Location: <u>SAME</u>
Zip Code <u>Rochester, NY 14606</u>	

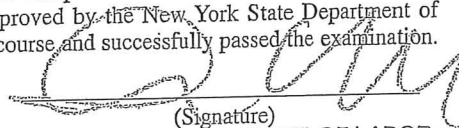
Course Title: Protect Monitor ☐ Initial ☒ Refresher ☐ NYS DOH use only DOH Equivalency²

Training Language: ☒ English ☐ Other: _____ Exam Grade/Date: 96.5-6/3/09


Dates of Training: From: 6/3/09 To: 6/3/09 Expires: 6/3/10

I certify that the asbestos safety training course given on the above date complied with both 10 NYCRR Part 73 and TSCA Title II, was consistent with the curriculum and instructors approved by the New York State Department of Health, and the trainee receiving this certificate completed the training course and successfully passed the examination.

Training Director²: Darren Uehl
(Print)


(Signature) DEPT. OF LABOR

I - To be completed by Trainee

Name of Trainee (print)	NYS Depart. of Motor Vehicles ID (DMV ID) ¹	
<u>TRONNES, Theodore A.</u>	<u>775-062-693</u>	
Signature of Trainee	Telephone Number	Date of Birth ¹
	<u>(583) 202-5733</u>	<u>06/21/1979</u>
Address <u>320 ENGLISH RD. ROCHESTER, N.Y. 14616</u>		
(Street or PO Box)	(City)	(State) (Zip Code)

II - To be completed by Training Sponsor

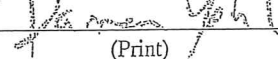
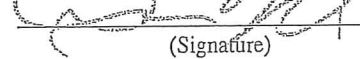
Provider's Name	Telephone Number
<u>Cornerstone Training Inst.</u>	<u>585-319-3625</u>
Address	Course
<u>1680 LYON AVE</u>	Location: <u>same</u>
Zip Code	
<u>14606</u>	

Course Title: INSPECTOR REFRESHER ☐ Initial ☒ Refresher ☐ NYS DOH use only
☐ DOH Equivalency²

Training Language: ☒ English ☐ Other: _____ Exam Grade/Date: 96 to 4/5/09

Dates of Training: From: 4/5/09 To: 4/5/09 Expires: 4/5/10

I certify that the asbestos safety training course given on the above date complied with both 10 NYCRR Part 73 and TSCA Title II, was consistent with the curriculum and instructors approved by the New York State Department of Health, and the trainee receiving this certificate completed the training course and successfully passed the examination.

Training Director²:  (Print)  (Signature)

Concentra Medical Centers (NY)

687 Lee Rd Suite 208 Rochester, NY 14606
Phone: (585) 458-7910 Fax: (585) 458-7507

EMPLOYER AUTHORIZATION AND INFORMATION FOR RESPIRATORY EVALUATION

EMPLOYER TO COMPLETE THE FOLLOWING :

Employee Name: Tronnes, Theodore A.

Employer: Envoy Environmental Services

Check Type of Respirator(s) To Be Used (Check ☒ ALL that apply)

☐ Air-purifying (non-powered) ☐ Air-purifying (powered)
☐ Atmosphere supplying Respirator
☐ Combination air-line and SCBA
☐ Continuous-Flow Respirator
☐ Supplied-Air Respirator
☐ Open Circuit SCBA ☐ Closed Circuit SCBA
☐ Dust Mask ☐ 1/2 Face with Canisters ☐ Full Face with Canisters

Make: _____ Model: _____ Cartridge: _____

Special Work Conditions (Check ☒ ALL That Apply When Wearing Respirator)

☐ High Places ☐ Enclosed Places ☐ Protective Clothing
☐ Temperature Extremes ☐ Mostly Cold ☐ Mostly Hot
☐ Other: _____

Questionnaire will be: ☐ HAND CARRIED ☐ MAILED ☐ OTHER

Address:

320 English Rd

ROCHESTER NY 14616

Employee SSN: XXX-XX-5897

Extent of Usage (Check ☒ ALL that apply)

☐ On a daily basis _____ Total Hours
☐ Occasionally - but not more than twice a week _____ Total Hours
☐ Rarely - or for Emergency situations only _____ Total Hours

Expected Physical Effort Required (Check ☒ ALL that apply)

☐ Light ☐ Moderate ☐ Heavy

Exposure to Hazardous Materials (Check ☒ ALL that apply)

☐ Arsenic ☐ Benzene
☐ Coke Oven ☐ Cotton Seed / Dust
☐ Cadmium ☐ Formaldehyde
☐ Methylene Chloride ☐ Lead
☐ Textiles ☐ Chromium

Other(s): _____

EVALUATION AUTHORIZATION BY: _____

Signature of Employer Representative

DO NOT WRITE BELOW THIS LINE

DO NOT WRITE BELOW THIS LINE

DO NOT WRITE BELOW THIS LINE

PLHCP¹ WRITTEN STATEMENT for RESPIRATORS (EMPLOYER)

PHYSICIAN WILL COMPLETE THE FOLLOWING

This report may contain confidential medical information and is intended for the designated employer contact only. The Americans with Disabilities Act (ADA) imposes very strict limitations on the use of information obtained during physical examination of qualified individuals with disabilities. All information must be collected and maintained on separate forms. In separate files, and must be treated as a confidential medical record, with the following exceptions.

- Supervisors and managers may be informed about necessary restrictions on the work or duties of an employee and necessary accommodations.
- First aid and safety personnel may be informed, when appropriate, if the disability might require emergency treatment.

Based upon my findings, I have determined that this individual (Check ☒ ALL that apply)

☐ Employee must schedule a medical examination with Concentra Medical Centers (NY) prior to respirator approval and usage.

☒ Class I - No Restrictions on Respirator Use

☐ Class II - Some Specific Use Restrictions

☐ Class III - Respirator Use is NOT PERMITTED

☐ Further Testing / Evaluation is Required. ²

☐ Fit Test Required

☐ Fit Test Performed Unsatisfactorily

☐ Special prescription eyewear needed to accommodate respirator

☐ Facial hair needs to be shaved to assure tight seal on certain face masks.

¹ Physician or other Licensed Healthcare Professional

² Employee must seek further medical evaluation by a private physician who must submit a report to Concentra Medical Centers (NY) of his/her findings to

(Check ☒ ALL that apply)

☒ The above individual HAS been examined for respirator fitness in accordance with 29 CFR 1910.134. This limited evaluation is specific to respirator use only. Employees should be instructed to report any difficulties in using respirators or change of any physical status to their supervisor or physician. This evaluation included the Respiratory Questionnaire outlined in 29 CFR 1910.134.

☐ The above individual HAS NOT been examined by me for respirator fitness. The employee's medical evaluation consisted of a review of OSHA's Medical Evaluation Questionnaire in Appendix C Part A Section 2. In accordance with 29 CFR 1910.134, this limited evaluation is specific to respirator use only. Employees would be instructed to report any difficulties in using respirators or change of any physical status to their supervisor or physician. This evaluation included the Respiratory Questionnaire outlined in 29 CFR 1910.134.

☐ In accordance with specific OSHA requirements, I have informed the above named individual of the results of this evaluation and of any medical conditions resulting from exposures that may require further explanation or treatment. Where applicable, the above named individual has been informed of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos, lead and/or other chemical exposure(s).

Physician's Signature

DOUGLAS MINCES, R.P.A. - C.

N.Y. LIC # 2228

Physician's License Number (Optional in Most States)

Physician's Name (Printed)

Date of Exam

Expires On

r_plhpc_stmt_resp_employer

RESPIRATOR FIT - TEST RECORD

Employee's Name: TED. TROANES

Employee's Social Security Number: 5897

Fit Test Date: 4-16-09 Person Conducting Fit-Test: D. Huc

Respirator Selected for Test: Full Face

Manufacture: North Model: 5400

Respirator Size: Large

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

Was Rainbow Passage Used: Yes: ☒ No: ☐

Was Face Piece to Face Seal Obtained: Yes: ☒ No: ☐

Signature of Person Performing Fit Test: D. Huc

Patient: Tronnes, Theodore A.
SSN: XXX-XX-5897
DOB: 06/21/1979
Gender: M
Marital Status: S
Address: 320 English Rd
ROCHESTER, NY 14616
Home Phone: (585) 202-5733
Work Phone: Ext.:

Job Title:
Employer: Envoy Environmental Services
Address: 57 Ambrose St
Rochester, NY 146081215
Job Contact: Shawn House
Role: Primary Contact
Phone: (585) 454-1060 Ext.:
Fax: (585) 454-1062
Race: ASIAN BLACK HISPANIC INDIAN WHITE OTHER

The above individual was seen on 05/07/2009 in accordance with: 29 CFR 1926.1101.
40 CFR 763.121.

The following was performed:

- ☒ Completion and review of the standardized medical questionnaire and work history with special emphasis directed to the pulmonary, cardiovascular, and gastrointestinal systems per Appendix D in 1926.1101.
- ☒ Review of the employer's description of: this employee's duties as they relate to the employee's exposure, the employee's representative or anticipated exposure level, and personal protection equipment to be utilized by the employee.
- ☒ Review of information from previous medical examinations if available.
- ☒ A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems.
- ☒ A pulmonary function test of forced vital capacity (FVC) and forced expiratory volume at one second (FEV 1) in accordance with NIOSH and ATS standards.
- ☒ A chest roentgenogram, posterior-anterior, 14x17 inches (or current film on file) with interpretation in accordance with 29 CFR 1926.1101. (M)(2)(ii)(C).
- ☒ NOTE: According to 29 CFR 1926.1101 (M)(2)(ii)(C), it is up to the discretion of the physician whether or not a chest X-ray is required.
- ☒ The employee was informed by the physician of the results of the exam and of any medical conditions that may result from asbestos exposure including the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

Unless otherwise noted below, this evaluation indicates that there are no detected medical conditions that would place the employee at an increased risk of material health impairment from exposure to asbestos, and there are no recommended limitations on the employee concerning the use of personal protective equipment or respirator.

Comments or limitations (if any):

Provider Signature

Date

NEW YORK STATE DEPARTMENT OF LABOR

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

ASBESTOS HANDLING LICENSE

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

FILE NUMBER: 0240527
LICENSE NUMBER: 28454
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 06/19/2009
EXPIRATION DATE: 06/30/2010

Duly Authorized Representative: Geoffrey M. Reed

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 59). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

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

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



**National Voluntary
Laboratory Accreditation Program**



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Paradigm Environmental Services, Inc.

179 Lake Avenue

Rochester, NY 14608

Mr. Bruce Hoogesteger

Phone: 585-647-2530 Fax: 585-647-3311

E-Mail: bhoogesteger@paradigmenv.com

URL: <http://www.paradigmenv.com>

BULK ASBESTOS FIBER ANALYSIS (PLM)

NVLAP LAB CODE 200530-0

NVLAP Code Designation / Description

18/A01

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

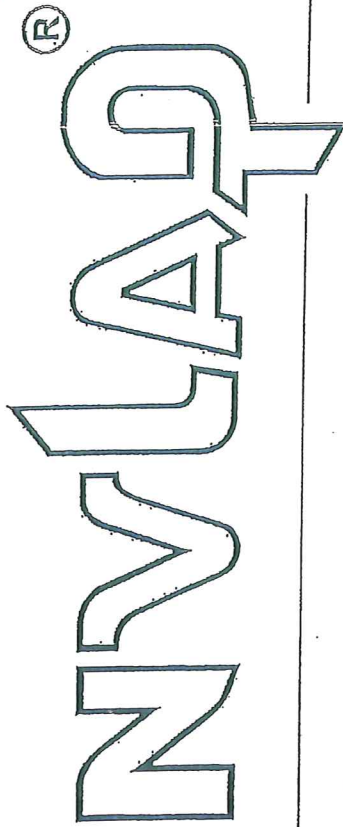
2009-07-01 through 2010-06-30

Effective dates

Sally A. Bruce

For the National Institute of Standards and Technology

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200530-0

Paradigm Environmental Services, Inc.
Rochester, NY

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

BULK ASBESTOS FIBER ANALYSIS

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

2009-07-01 through 2010-06-30

Effective dates



Dolly S. Buce
For the National Institute of Standards and Technology

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



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

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

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

NY Lab Id No: 10958
EPA Lab Code: NY01287

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

Miscellaneous

Asbestos in Friable Material	EPA 600/M4/82/020 Item 198.1 of Manual
Asbestos in Non-Friable Material-PLM	Item 198.6 of Manual (NOB by PLM)
Asbestos in Non-Friable Material-TEM	ITEM 198.4 OF MANUAL
Lead in Dust Wipes	EPA 6010B
Lead in Paint	EPA 6010B

Sample Preparation Methods

EPA 3050B

Serial No.: 40520

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

NEW YORK STATE DEPARTMENT OF LABOR

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

ASBESTOS HANDLING LICENSE

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

FILE NUMBER: 0240527
LICENSE NUMBER: 28454
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 06/19/2009
EXPIRATION DATE: 06/30/2010

Duly Authorized Representative: Geoffrey M. Reed

This license has been issued in accordance with applicable provisions of Article 80 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

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

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

SH 432 (4-07)

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



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

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

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

NY Lab Id No: 10958
EPA Lab Code: NY01287

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

Miscellaneous Air

Asbestos

Fibers

NIOSH 7402

YAMATE, AGARWAL GIBB

NIOSH 7400 A RULES

Serial No.: 40521

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

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



Expires 12:01 AM April 01, 2010
Issued April 01, 2009

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

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

NY Lab Id No: 10958
EPA Lab Code: NY01287

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards for the category:
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:*

Metals I

Iron, Total	EPA 6010B
Lead, Total	EPA 6010B
Magnesium, Total	EPA 6010B
Manganese, Total	EPA 6010B
Nickel, Total	EPA 6010B
Potassium, Total	EPA 6010B
Silver, Total	EPA 6010B
Sodium, Total	EPA 6010B

Metals II

Aluminum, Total	EPA 6010B
Antimony, Total	EPA 6010B
Arsenic, Total	EPA 6010B
Beryllium, Total	EPA 6010B
Mercury, Total	EPA 7471A
Selenium, Total	EPA 6010B
Vanadium, Total	EPA 6010B
Zinc, Total	EPA 6010B

Metals III

Cobalt, Total	EPA 6010B
Thallium, Total	EPA 6010B

Miscellaneous

Asbestos in Friable Material	EPA 600/M4/82/020
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
Hydrogen Ion (pH)	EPA 9045C

Nitroaromatics and Isophorone

2,4-Dinitrotoluene	EPA 8270C
2,6-Dinitrotoluene	EPA 8270C
Isophorone	EPA 8270C
Nitrobenzene	EPA 8270C
Pyridine	EPA 8270C

Nitrosoamines

N-Nitrosodimethylamine	EPA 8270C
N-Nitrosodi-n-propylamine	EPA 8270C
N-Nitrosodiphenylamine	EPA 8270C

Petroleum Hydrocarbons

Diesel Range Organics	EPA 8015 B
Gasoline Range Organics	EPA 8015 B

Phthalate Esters

Benzyl butyl phthalate	EPA 8270C
Bis(2-ethylhexyl) phthalate	EPA 8270C
Diethyl phthalate	EPA 8270C
Dimethyl phthalate	EPA 8270C
Di-n-butyl phthalate	EPA 8270C
Di-n-octyl phthalate	EPA 8270C

Polychlorinated Biphenyls

PCB-1016	EPA 8082
PCB-1221	EPA 8082
PCB-1232	EPA 8082
PCB-1242	EPA 8082
PCB-1248	EPA 8082
PCB-1254	EPA 8082

Serial No.: 39167

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





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Laboratory Accreditation Program**



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Paradigm Environmental Services, Inc.

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E-Mail: bhoogesteger@paradigmenv.com

URL: <http://www.paradigmenv.com>

AIRBORNE ASBESTOS FIBER ANALYSIS (TEM)

NVLAP LAB CODE 200530-0

NVLAP Code Designation / Description

18/A02

U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

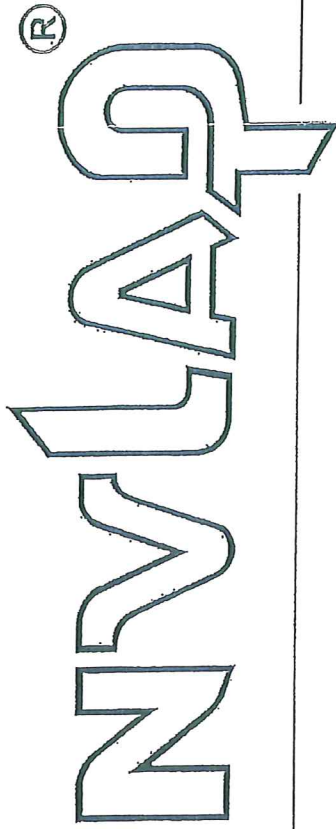
2009-07-01 through 2010-06-30

Effective dates

Bruce S. Hoogesteger
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



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200530-0

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Rochester, NY

is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
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AIRBORNE ASBESTOS FIBER ANALYSIS

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

2009-07-01 through 2010-06-30

Effective dates



Dolly S. Buice
For the National Institute of Standards and Technology

Pictures

