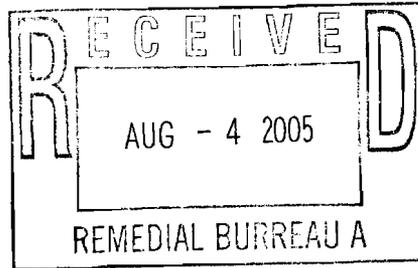




O'BRIEN & GERE

August 2, 2005

Heidi-Marie Dudek, P.E.
NYSDEC
Division of Environmental Remediation
Remedial Bureau A
625 Broadway, 11th Floor
Albany, New York 12233-7015



Re: Quarterly Interim Remedial Measure Operation
& Maintenance and Indoor Air Quality
Monitoring Report
March 24 through June 16, 2005
Jimmy's Dry Cleaner Site, Roosevelt, New York
NYSDEC Site No. 1-30-080

File: 10653/36951 #5

Dear Ms. Dudek:

O'Brien & Gere has developed this letter report to serve as a Quarterly Operation, Monitoring & Maintenance (O&M) and Indoor Air Quality (IAQ) Report for the Soil Vapor Extraction (SVE) System in operation at the former Jimmy's Dry Cleaner (JDC) located at 61 Nassau Road in Roosevelt, New York. The SVE system was installed as an Interim Remedial Measure (IRM) to abate volatile organic compounds (VOCs) observed at businesses and residences located in the vicinity of the Site.

Background

The IRM consists of seven (7) extraction wells, underground piping, a blower, and granular activated carbon (GAC) vessels to treat the effluent air from the system. Refer to **Figure 1**. After the start-up of the SVE system on August 7, 2002, Shaw Environmental & Infrastructure Engineering of New York, P.C. (Shaw) implemented an IAQ Monitoring program for select sampling locations. In June 2005, O'Brien & Gere replaced Shaw and assumed the implementation of the IAQ monitoring program. Throughout Shaw's subsequent monitoring events, an overall decrease in concentrations of tetrachloroethene (PCE) in ambient air at the Deli, KFC, 40 and 44 Dutchess Street sample locations has been observed. This report covers the period of March 24 through June 16, 2005.

Remedial System Operation and Maintenance

To evaluate and adjust the SVE system operating performance, three (3) site visits were completed during the reporting period. During the site visits, VOC concentrations, air flow rates and vacuum readings were observed at extraction wells SVE-1, SVE-2, SVE-3, SVE-4, SVE-5, SVE-6, SVE-7 and at the SVE blower. Air flow rates and VOC concentrations were also observed at the carbon influent, mid carbon and carbon effluent monitoring points. The monitoring data log sheets are presented in **Attachment 1** and a summary of the monitoring data collected during the monitoring events is presented in **Attachment 2**.

The vacuum, airflow, and VOC concentration data are summarized below in Table 1. During the current monitoring period, the air flow control valve at SVE-1 was adjusted from 25% to 10% to 25% for April, May, and June, respectively. The airflow control valve at SVE-5 was adjusted from 80% to 100% to 80% for April, May, and June, respectively.

Location ID	Average Vacuum ("H ₂ O)	Average Air Flow (cfm)	VOC Concentration (ppm)	
			Average	Maximum
SVE-1	6.0	35.1	89.1	93.3
SVE-2	5.5	10.1	0	0
SVE-3	5.6	24.8	10.9	14
SVE-4	5.6	50.2	0.07	0.2
SVE-5	4.7	48	0	0
SVE-6	4.2	30.3	0	0
SVE-7	4.03	13.1	0	0
Total Influent	NA	66.7	8.8	10.2
Carbon Influent	NA	99.3	4.3	5.2
Mid Carbon	NA	84.4	0	0
Carbon Effluent	NA	134	0	0
Blower	24	NA	NA	NA

Notes: "H₂O = inches of water column
cfm = cubic feet per minute
ppm = parts per million
NA = not applicable

The VOC concentrations for March 24 through June 16, 2005 are lower than the VOC concentrations for the previous quarter, December 22, 2004 through March 23, 2005.

A total of thirteen (13) carbon vessel change outs have occurred since system startup. During each carbon change out, the lag vessel was moved to the lead position and a new carbon vessel was placed in the lag position. Four (4) new carbon vessels were delivered to the site on March 22, 2005 and were staged on a pallet located next to the SVE system. Five (5) spent carbon vessels were removed from the site on March 23, 2005 by a waste transportation firm for reactivation at a permitted off-site facility in accordance with Federal, State and local regulations. The rate of carbon usage will be monitored during each site visit to determine the maximum VOC extraction rate that can be accomplished to minimize VOC migration while maximizing the life of the carbon vessels.

Indoor Air Quality Monitoring Results

O'Brien & Gere and Shaw conducted an indoor air quality monitoring event on June 15, 2005 for the Deli, KFC, 40, and 44 Dutchess Street. Passive diffusion dosimeters were used to collect air samples over a 24-hour period. Additional air samples were collected, including a background sample near the Deli and a duplicate sample from KFC for comparative purposes. The samples were analyzed for

August 2, 2005

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the presence of PCE according to New York State Department of Health (NYSDOH) Method 311-9. The laboratory report of analyses is presented as **Attachment 3** and the analytical results are summarized in **Attachment 4**. The analytical results indicated that concentrations of PCE were well below the NYSDOH Ambient Air Guidance Value of 100 $\mu\text{g}/\text{m}^3$ in each of the samples that were collected. The highest PCE concentration observed during this monitoring event was 29 $\mu\text{g}/\text{m}^3$ from the sample collected in the Deli front room. The SVE system will continue to be adjusted during each site visit to minimize the migration of PCE into the Deli. Quarterly monitoring will continue at KFC, the Deli and the residences to verify that PCE is not migrating into these areas at levels above the ambient air guideline.

Following the completion of the next quarter of monitoring events, a letter report summarizing the monitoring events will be prepared by O'Brien & Gere and submitted to the NYSDEC. If you have any questions or comments regarding this information, please contact me at (315) 437-6100, extension 2258.

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.



Marc J. Dent, P.E.
Managing Engineer

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cc: Joseph Yavonditte, P.E. - NYSDEC
Justin Deming, NYSDOH
Joseph DeFranco, NCDOH

ATTACHMENT 1

Monitoring Data Log Sheets

SITE VISIT FORM

Shaw Environmental Inc., 13 British American Blvd, Latham, NY 12110

Project: **824324** Technician: **R Hyde**
 Site: **Jimmy's Dry Cleaner, NYSDEC**
 Proj. Mgr: **Helde Marie Dudek** Site Mgr: **John Skaarup**

PREPARTORY COMMENTS

Visit Date: **4/28/05** Arrival Time: **1000** Departure Time: **1130**

Weather:

Temperature:

Are you in possession of a Health and Safety Plan?

YES	NO
-----	----

Is there a HASP on site permanently?

YES	NO
-----	----

Map to Hospital in HASP current?

YES	NO
-----	----

Have you signed the A&A sheet after reviewing the HASP?

YES	NO
-----	----

Air Monitoring Equipment Unit # (Photolionization Detector):

Date Calibrated:

YOU ARE THE MOST VISIBLE MEMBER OF SHAW ENVIRONMENTAL - PLEASE WORK AND DRIVE SAFELY!!!

System Check - Task/Cost Code No. 05000000 (Monthly)

Is SVE running upon arrival?

YES X	NO
-------	----

Is SVE running upon departure?

YES X	NO
-------	----

If system is down use up to 1 hour and effect repairs to restart the system. List problems with system on attached sheet.

If additional time is required please contact project manager or site manager.

Hours Estimated: _____ Hours Used: _____

Soil Vapor Extraction System - Task/Cost Code No. 05000000 (Monthly)

Perform routine maintenance tasks (filters, oil, etc.)

Inspect SVE Intake filter. Clean if necessary. Replace if necessary.

Document actions in Notes section.

Bleed Valve % Open: **50%**

Total vacuum @ Blower (inches of water (wc)): **23"**

Total Influent (Before Bleed Valve): Flow (cfm)- **68** PID (ppm)- **8.5**

Total Influent (Carbon Influent): Flow (cfm)- **98** PID (ppm)- **4.7**

Between Carbon Units: Flow (cfm)- **76** PID (ppm)- **0**

Final Effluent: Flow (cfm)- **128** PID (ppm)- **0**

					Previous %			
SVE-1	Vac (wc)-	6	Flow (cfm)-	48	PID (ppm)-	93.3	Valve%Open-	25%
SVE-2	Vac (wc)-	6	Flow (cfm)-	11	PID (ppm)-	0	Valve%Open-	100%
SVE-3	Vac (wc)-	6	Flow (cfm)-	25	PID (ppm)-	12.8	Valve%Open-	100%
SVE-4	Vac (wc)-	6	Flow (cfm)-	50	PID (ppm)-	0	Valve%Open-	100%
SVE-5	Vac (wc)-	4.6	Flow (cfm)-	45	PID (ppm)-	0	Valve%Open-	80%
SVE-6	Vac (wc)-	3.8	Flow (cfm)-	31.5	PID (ppm)-	0	Valve%Open-	100%
SVE-7	Vac (wc)-	3.5	Flow (cfm)-	10.8	PID (ppm)-	0	Valve%Open-	100%
VMP-1	Vac (wc)-	X	Flow (cfm)-	X				

Hours Estimated: _____ Hours Used: _____

SITE VISIT FORM

Shaw Environmental Inc., 13 British American Blvd, Latham, NY 12110

Project: 824324 Technician: R. Hyde
 Site: Jimmy's Dry Cleaner, NYSDEC
 Proj. Mgr: Heide Marie Dudek Site Mgr: John Skaarup

PREPARTORY COMMENTS

Visit Date: 5/31/05 Arrival Time: 0920 Departure Time: 1115
 Weather: Temperature:

Are you in possession of a Health and Safety Plan?
 Is there a HASP on site permanently?
 Map to Hospital in HASP current?
 Have you signed the A&A sheet after reviewing the HASP?
 Air Monitoring Equipment Unit # (Photoionization Detector): 84605
 Date Calibrated: 5/31/05

YES	NO
NO	NO
YES	NO
YES	NO

YOU ARE THE MOST VISIBLE MEMBER OF SHAW ENVIRONMENTAL - PLEASE WORK AND DRIVE SAFELY!!!

System Check - Task/Cost Code No. 05000000 (Monthly)

Is SVE running upon arrival? YES NO
 Is SVE running upon departure? YES NO

If system is down use up to 1 hour and effect repairs to restart the system. List problems with system on attached sheet.

If additional time is required please contact project manager or site manager.

Hours Estimated: Hours Used:

Soil Vapor Extraction System - Task/Cost Code No. 05000000 (Monthly)

Perform routine maintenance tasks (filters, oil, etc.)

Inspect SVE intake filter. Clean if necessary. Replace if necessary.
 Document actions in Notes section.

Bleed Valve % Open: 75%

Total vacuum @ Blower (inches of water (wc)):	22					
Total Influent (Before Bleed Valve): Flow (cfm)-	60.5	PID (ppm)-	7.7			
Total Influent (Carbon Influent): Flow (cfm)-	98	PID (ppm)-	3.1			
Between Carbon Units: Flow (cfm)-	89	PID (ppm)-	0			
Final Effluent: Flow (cfm)-	143	PID (ppm)-	0			
SVE-1 Vac (wc)-	2.5	Flow (cfm)-	7.25	PID (ppm)-	84.6	Valve%Open- 10 Previous % 10%
SVE-2 Vac (wc)-	4.5	Flow (cfm)-	8.8	PID (ppm)-	0	Valve%Open- 100 100%
SVE-3 Vac (wc)-	4.8	Flow (cfm)-	19.5	PID (ppm)-	14	Valve%Open- 100 100%
SVE-4 Vac (wc)-	4.8	Flow (cfm)-	45.6	PID (ppm)-	0.2	Valve%Open- 100 100%
SVE-5 Vac (wc)-		Flow (cfm)-		PID (ppm)-		Valve%Open- 100
SVE-6 Vac (wc)-	4.3	Flow (cfm)-	23	PID (ppm)-	0	Valve%Open- 100 100%
SVE-7 Vac (wc)-	4.1	Flow (cfm)-	15	PID (ppm)-	0	Valve%Open- 100 100%

under wood chipper

sub contractors - disposal, etc

VMP-1 Vac (wc)- Flow (cfm)-

Hours Estimated: Hours Used:

Carbon Unit Change Out Task/Cost Code No. 08000000

Move the lag to lead and place a new carbon in the lag position. Stage drums in proper locations.

Number of "Spent Carbon" Units present on Site: ZERO

Number of new vessels present: FOUR

Take another round of parameters from the influent, mid, and effluent ports.

Total Influent (Before Bleed Valve): Flow (fpm)- PID (ppm)-

Total Influent (Carbon Influent): Flow (fpm)- PID (ppm)-

Between Carbon Units: Flow (fpm)- PID (ppm)-

Final Effluent: Flow (fpm)- PID (ppm)-

FINAL CHECKS

Please ensure that all manhole or vault covers have been secured.

Complete an entry into the onsite log, if present.

Report any significant problems or deficiencies to the Project Manager without delay!!!

TECHNICIANS COMMENTS

Moisture separator needs to be drained - next time
55-gal drums to transfer water to. 3 full
drums outside present w/ moisture separator under

Held 1st of 2 transition meetings w/ OBG

↳ Mark Deat (N/A)
Christ (N/A)

Don (YEE)

Total Hours Estimated -
Travel Time Estimated -

Total Hours Used -
Travel Time Used -

SITE VISIT FORM

Shaw Environmental Inc., 13 British American Blvd, Latham, NY 12110

Project: **824324** Technician: **R Hyde**
 Site: **Jimmy's Dry Cleaner, NYSDEC**
 Proj. Mgr: **Helde Marie Dudek** Site Mgr: **John Skaarup**

PREPARTORY COMMENTS

Visit Date: **6/15/05** Arrival Time: **1000** Departure Time: **1630**

Weather:

Temperature:

Are you in possession of a Health and Safety Plan?

YES	NO
-----	----

Is there a HASP on site permanently?

YES	NO
-----	----

Map to Hospital in HASP current?

YES	NO
-----	----

Have you signed the A&A sheet after reviewing the HASP?

YES	NO
-----	----

Air Monitoring Equipment Unit # (Photoionization Detector):

Date Calibrated:

YOU ARE THE MOST VISIBLE MEMBER OF SHAW ENVIRONMENTAL - PLEASE WORK AND DRIVE SAFELY!!!

System Check - Task/Cost Code No. 05000000 (Monthly)

Is SVE running upon arrival?

YES X	NO
-------	----

Is SVE running upon departure?

YES X	NO
-------	----

If system is down use up to 1 hour and effect repairs to restart the system. List problems with system on attached sheet.

If additional time is required please contact project manager or site manager.

Hours Estimated: _____ Hours Used: _____

Soil Vapor Extraction System - Task/Cost Code No. 05000000 (Monthly)

Perform routine maintenance tasks (filters, oil, etc.)

Inspect SVE Intake filter. Clean if necessary. Replace if necessary. Document actions in Notes section.

Bleed Valve % Open: 25%

Total vacuum @ Blower (inches of water (wc)): 28"

Total Influent (Before Bleed Valve): Flow (cfm)- 71.5 PID (ppm)- 10.2

Total Influent (Carbon Influent): Flow (cfm)- 102 PID (ppm)- 5.2

Between Carbon Units: Flow (cfm)- 88.2 PID (ppm)- 0

Final Effluent: Flow (cfm)- 131 PID (ppm)- 0

					Previous %	
SVE-1	Vac (wc)-	6	Flow (cfm)-	50 PID (ppm)-	89.4 Valve%Open-	25%
SVE-2	Vac (wc)-	6	Flow (cfm)-	10.5 PID (ppm)-	0 Valve%Open-	100%
SVE-3	Vac (wc)-	6	Flow (cfm)-	30 PID (ppm)-	5.9 Valve%Open-	100%
SVE-4	Vac (wc)-	6	Flow (cfm)-	55 PID (ppm)-	0 Valve%Open-	100%
SVE-5	Vac (wc)-	4.8	Flow (cfm)-	51 PID (ppm)-	0 Valve%Open-	80%
SVE-6	Vac (wc)-	4.5	Flow (cfm)-	36.3 PID (ppm)-	0 Valve%Open-	100%
SVE-7	Vac (wc)-	4.5	Flow (cfm)-	13.6 PID (ppm)-	0 Valve%Open-	100%
VMP-1	Vac (wc)-	X	Flow (cfm)-	X		

Hours Estimated: _____ Hours Used: _____

ATTACHMENT 2

IRM Parameters

**Attachment 2
IRM Parameters
NYSDEC - Jimmy's Dry Cleaners**

Sample Location	4/28/05				5/31/05				6/15/05			
	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open
SVE - 1	6.0	48	93.3	25%	>5	7.25	84.6	10%	6.0	50	89.4	25%
SVE - 2	6.0	11	0	100%	4.5	8.8	0	100%	6.0	10.5	0	100%
SVE - 3	6.0	25	12.8	100%	4.8	19.5	14	100%	6.0	30	5.9	100%
SVE - 4	6.0	50	0	100%	4.8	45.6	0.2	100%	6.0	55	0	100%
SVE - 5	4.6	45	0	80%	NS	NS	NS	100%	4.8	51	0	80%
SVE - 6	3.8	31.5	0	100%	4.3	23	0	100%	4.5	36.3	0	100%
SVE - 7	3.5	10.8	0	100%	4.1	15	0	100%	4.5	13.6	0	100%
VMP - 1	NS	NS	NS	NA	NS	NS	NS	NA	NS	NS	NS	NA
Before blower	NA	68	8.5	NA	NA	60.5	7.7	NA	NA	71.5	10.2	NA
Influent	NA	98	4.7	NA	NA	98	3.1	NA	NA	102	5.2	NA
Mid	NA	76	0	NA	NA	89	0	NA	NA	88.2	0	NA
Effluent	NA	128	0	NA	NA	143	0	NA	NA	131	0	NA

Notes:
 NS = Not sampled, well head not accessible.
 NA = Not applicable.
 Influent = Before carbon.
 Mid = Between carbon.
 Over = Greater than meter capacity.



**Attachment 2
IRM Parameters
NYSDEC - Jimmy's Dry Cleaner**

Sample Location	August 7, 2002				August 12, 2002				August 21, 2002			
	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open
SVE - 1	7.0	30.0	326.0	100%	3.5	18.8	449.0	25%	7.0	31.7	925.0	25%
SVE - 2	6.0	10.0	64.4	100%	4.0	9.5	32.4	100%	7.0	17.9	68.9	100%
SVE - 3	5.5	25.0	695.0	100%	4.0	17.7	221.0	50%	7.0	23.0	521.0	50%
SVE - 4	6.0	39.0	36.4	100%	5.0	34.5	28.0	100%	8.0	25.2	37.1	100%
SVE - 5	NS	NS	NS	100%	NS	NS	NS	100%	NS	NS	NS	100%
SVE - 6	5.0	17.0	0.0	100%	4.0	20.5	0.0	100%	6.0	11.4	0.0	100%
SVE - 7	5.0	10.5	0.0	100%	4.0	22.0	0.0	100%	6.0	9.3	0.0	100%
VMP - 1	0.0	NA	283.0	NA	0.0	NA	50.6	NA	0.0	NA	NS	NA
Before blower	NA	98.0	157.0	NA	NA	80.0	132.0	50%	NA	73.5	178.0	50%
Influent	NA	113.0	162.0	NA	NA	105.0	96.5	NA	NA	115.0	145.0	NA
Mid	NA	97.5	0.0	NA	NA	99.0	0.0	NA	NA	102.0	163.0	NA
Effluent	NA	110.0	0.0	NA	NA	110.0	0.0	NA	NA	108.0	0.0	NA
Open bleed air valve 10%.												
Before blower	NA	95.0	156.0	NA								
Influent	NA	113.0	143.0	NA								
Mid	NA	95.0	0.0	NA								
Effluent	NA	104.0	0.0	NA								
Notes:												
NA = not applicable.				Mid = Between carbon.								
NS = not sampled due to access issues.				Effluent = After carbon.								
Influent = Before carbon.												

Attachment 2
IRM Parameters
NYSDEC - Jimmy's Dry Cleaner

Sample Location	September 12, 2002				Sept. 12, 2002 (After adjustments)				September 18, 2002			
	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open
SVE - 1	1.0	9.7	>2000	10%	NA	NA	NA	0%	NA	NA	NA	0%
SVE - 2	3.0	20.4	682.0	100%	2.0-3.0	12.3	668.0	50%	3.5	8.0	68.1	100%
SVE - 3	2.0-3.0	8.6	>2000	50%	2.0	6.8	>2000	30%	3.2	3.0	368.0	30%
SVE - 4	2.0-3.0	21.9	410.0	100%	3.0	17.2	276.0	50%	3.7	10.2	54.5	50%
SVE - 5	NS	NS	NS	100%	NS	NS	NS	100%	NS	NS	NS	100%
SVE - 6	2.0-3.0	14.7	0.0	100%	NS	NS	NS	100%	3.0	16.5	0.0	100%
SVE - 7	2.0-3.0	21.5	0.0	100%	NS	NS	NS	100%	3.0	8.5	0.0	100%
VMP - 1	0.0	NA	>2000	NA	NS	NA	NS	NA	0.0	NA	0.0	NA
Before blower	NA	32.8	>2000	75%	NA	30.3	626.0	75%	NA	34.0	69.2	75%
Influent	NA	98.5	711.0	NA	NA	98.0	153.0	NA	NA	106.0	16.5	NA
Mid	NA	84.5	763.0	NA	NA	78	494.0	NA	NA	94.5	48.6	NA
Effluent	NA	130.0	0.0	NA	NA	115.0	0.0	NA	NA	94.0	46.3	NA

Following carbon vessel change out.			
Before blower	36.1	67.1	NA
Influent	110.0	16.1	NA
Mid	94.5	43.7	NA
Effluent	104.0	0.0	NA

Notes:
NA = not applicable.
NS = not sampled due to access issues.
Influent = Before carbon.
Mid = Between carbon.
Effluent = After carbon.

**Attachment 2
IRM Parameters
NYSDEC - Jimmy's Dry Cleaner**

Sample Location	September 30, 2002				October 14, 2002				November 1, 2002			
	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open
SVE - 1	NA	NA	NA	0%	NA	NA	NA	0%	NA	NA	NA	0%
SVE - 2	NS	NS	NS	50%	NS	NS	NS	50%	NS	NS	NS	50%
SVE - 3	3-4	6.4	>2000	30%	3.5	10.8	513.0	30%	3.0	8.8	369.0	50%
SVE - 4	2-3	24.5	1245.0	50%	4.5	38.5	109.0	50%	3.5	17.0	105.0	100%
SVE - 5	NS	NS	NS	100%	NS	NS	NS	100%	NS	NS	NS	100%
SVE - 6	2-3	21.1	0.0	100%	2.5	11.8	0.0	100%	<1.0	2.0	0.0	100%
SVE - 7	2.0	8.3	0.0	100%	3.0	3.07	0.0	100%	<1.0	9.40	0.0	100%
VMP - 1	0.0	NA	620.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA
Before blower	NA	31.5	1350.0	NA	NA	40.4	95.4	NA	NA	53.0	140.0	NA
Influent	NA	106.0	240.0	NA	NA	113.0	7.4	NA	NA	118.0	16.5	NA
Mid	NA	94.5	144.0	NA	NA	95.0	0.0	NA	NA	97.0	10.5	NA
Effluent	NA	114.0	0.0	NA	NA	113.0	0.0	NA	NA	102.0	0.0	NA

Notes:

NA = not applicable.
NS = not sampled due to access issues.
Influent = Before carbon.
Mid = Between carbon.
Effluent = After carbon.

Carbon change out performed.

**Attachment 2
IRM Parameters
NYSDEC - Jimmy's Dry Cleaner**

Sample Location	January 6, 2003				January 13, 2003				January 31, 2003			
	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open
SVE - 1	4.0	3.0	900.0	30%	3.0	13.0	823.0	30%	4.0	8.0	425.0	30%
SVE - 2	NS	NS	NS	50%	NS	NS	NS	50%	NS	NS	NS	50%
SVE - 3	~1.0	2.4	78.2	50%	1.25	1.10	72.0	50%	0-1	1.00	10.0	50%
SVE - 4	NS	NS	NS	100%	NS	NS	NS	100%	NS	NS	NS	100%
SVE - 5	3.0	4.1	0.0	100%	NS	NS	NS	100%	NS	NS	NS	100%
SVE - 6	~2.0	5.8	0.0	100%	3.0	8.15	0.0	100%	2-3	6.00	0.0	100%
SVE - 7	~2.0	4.6	0.0	100%	2.0	4.70	0.0	100%	2-3	5.10	0.0	100%
VMP - 1	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA
Before blower	NA	40.1	180.0	NA	NA	120.0	210.0	NA	NA	17.0	525.0	NA
Influent	NA	NS	NS	NA	NA	103.0	36.0	NA	NA	115.0	38.6	NA
Mid	NA	91.0	24.0	NA	NA	93.0	12.0	NA	NA	96.0	28.0	NA
Effluent	NA	111.0	0.0	NA	NA	118.0	1.5	NA	NA	112.0	0.0	NA
** = Well under water, could not bail out fast enough.				Carbon change out performed.								
Notes: NA = not applicable. Effluent = After carbon. NS = not sampled due to access issues. Influent = Before carbon. Mid = Between carbon.												

**Attachment 2
IRM Parameters
NYSDEC - Jimmy's Dry Cleaner**

Sample Location	April 5, 2003				April 14, 2003				May 1, 2003			
	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open
SVE - 1	NA	NA	NA	0%	NA	NA	NA	0%	NA	NA	NA	0%
SVE - 2	7.5	7.2	0.5	100%	9.0	11.5	10.8	100%	NA	NA	NA	100%
SVE - 3	7.0**	9.8**	131.0**	100%	9.0	5.0	85.0	100%	8.0	22.1	89.2	100%
SVE - 4	NS	NS	NS	100%	NS	NS	NS	100%	NS	NS	NS	100%
SVE - 5	7.0	21.3	0.0	100%	NS	NS	NS	100%	NS	NS	NS	100%
SVE - 6	6.5	13.1	0.0	100%	8.0	55.0	0.0	100%	7.0	40.5	0.0	100%
SVE - 7	6.0	9.5	0.0	100%	9.0	34.0	0.0	100%	7.0	43.4	0.0	100%
VMP - 1	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA
Before blower	NA	46.0	36.6	NA	NA	93.0	36.4	NA	NA	59.0	24.5	NA
Influent	NA	120.0	9.7	NA	NA	118.0	15.6	NA	NA	109.5	15.1	NA
Mid	NA	96.1	0.6	NA	NA	94.0	5.5	NA	NA	101.0	20.5	NA
Effluent	NA	105.0	0.0	NA	NA	106.0	0.0	NA	NA	111.0	0.0	NA
Changed the extraction rate at SVE-3 to 100%.												
SVE - 3	7.0	10.6	144	100%								
Notes:												
NA = not applicable.				Mid = Between carbon.								
NS = not sampled due to access issues.				Effluent = After carbon.								
Influent = Before carbon.												

Attachment 2
IRM Parameters
NYSDEC - Jimmy's Dry Cleaner

Sample Location	May 14, 2003				May 27, 2003				June 11, 2003			
	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open
SVE - 1	NA	NA	NA	0%	NA	NA	NA	0%	NA	NA	NA	0%
SVE - 2	NS	NS	NS	100%	8.5	83.0	14.5	100%	NS	NS	NS	100%
SVE - 3	>5	5.35	101.0	100%	NS	NS	NS	100%	NS	NS	NS	100%
SVE - 4	>5	15.7	35.9	100%	NS	NS	NS	100%	NS	NS	NS	100%
SVE - 5	NS	NS	NS	100%	8.0	71.5	5.6	100%	NS	NS	NS	100%
SVE - 6	>5	21.7	0.0	100%	8.0	46.8	0.0	100%	<5	23.3	0.0	100%
SVE - 7	>5	16.0	0.0	100%	8.0	25.3	0.0	100%	<5	18.3	0.0	100%
VMP - 1	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA
Before blower	NA	74.5	31.6	NA	NA	140.0	35.5	NA	NA	71.5	6.6	NA
Influent	NA	104.0	17.5	NA	NA	105.0	16.2	NA	NA	81.5	0.0	NA
Mid	NA	90.5	14.6	NA	NA	25.6	26.2	NA	NA	86.5	0.0	NA
Effluent	NA	122.0	0.0	NA	NA	106.0	0.0	NA	NA	128.0	0.0	NA

Notes:

NA = not applicable.

NS = not sampled due to access issues.

Influent = Before carbon.

Mid = Between carbon.

Effluent = After carbon.

**Attachment 2
IRM Parameters
NYSDEC - Jimmy's Dry Cleaner**

Sample Location	June 30, 2003				July 16, 2003				July 29, 2003			
	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open
SVE - 1	NA	NA	NA	0%	NA	NA	NA	0%	NA	NA	NA	0%
SVE - 2	5.0	23.5	0.0	100%	NS	NS	NS	100%	5.0	15.6	0.0	100%
SVE - 3	6.0	25.0	76.8	100%	5.5	NS	3.0	100%	6.0	6.0	0.0	100%
SVE - 4	NS	NS	NS	100%	NS	NS	NS	100%	5	29.9	0	100%
SVE - 5	NS	NS	NS	100%	NS	NS	NS	100%	4.5	10.0	0.0	100%
SVE - 6	6.0	43.2	0.0	100%	4.0	NS	3.2	100%	4.0	7.6	0.0	100%
SVE - 7	5.5	19.2	0.0	100%	4.0	NS	1.6	100%	5.0	13.0	0.0	100%
VMP - 1	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA
Before blower	NA	62.5	7.0	NA	NA	NS	31.0	NA	NA	65.0	34.9	NA
Influent	NA	96.0	0.0	NA	NA	NS	21.6	NA	NA	108.0	18.3	NA
Mid	NA	89.5	7.0	NA	NA	NS	22.0	NA	NA	91.5	11.5	NA
Effluent	NA	121.3	20.6	NA	NA	NS	16.4	NA	NA	121.0	7.6	NA

Notes:			
NA = not applicable.	Unable to change out carbon units due to access issues.		
NS = not sampled due to access issues.	Flow meter not working.		
Influent = Before carbon.			
Mid = Between carbon.			
Effluent = After carbon.			

Following carbon vessel change out.			
Before blower	71.5	31.2	NA
Influent	100.0	14.0	NA
Mid	92.0	0.0	NA
Effluent	114.0	0.0	NA

**Attachment 2
IRM Parameters
NYSDEC - Jimmy's Dry Cleaner**

Sample Location	August 26, 2003				September 24, 2003				October 21, 2003			
	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open
SVE - 1	NA	NA	NA	0%	NA	NA	NA	0%	NA	NA	NA	0%
SVE - 2	NS	NS	NS	100%	5.0	10.8	1026.0	100%	NS	NS	NS	100%
SVE - 3	5.0	36.5	157.0	100%	4.0	28.1	82.5	100%	3.0	13.7	101.0	100%
SVE - 4	5.0	26.3	50.2	100%	5.0	20.2	127.0	100%	3.0	25.2	53.8	100%
SVE - 5	NS	NS	NS	100%	NS	NS	NS	100%	NS	NS	NS	100%
SVE - 6	4.0	19.0	0.0	100%	3.5	24.5	0.0	100%	2.0	27.2	0.0	100%
SVE - 7	4.0	23.6	0.0	100%	4.0	16.9	0.0	100%	2.0	24.4	0.0	100%
VMP - 1	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA	0.0	NA
Before blower	NA	120.0	43.0	NA	NA	52.0	478.0	NA	NA	101.0	46.2	NA
Influent	NA	125.0	20.2	NA	NA	119.0	139.0	NA	NA	114.0	17.0	NA
Mid	NA	102.0	0.0	NA	NA	98.5	53.0	NA	NA	97.5	0.0	NA
Effluent	NA	110.0	0.0	NA	NA	99.5	67.0	NA	NA	87.0	0.0	NA

Notes:

NA = not applicable.

NS = not sampled due to access issues.

Influent = Before carbon.

Mid = Between carbon.

Effluent = After carbon.

**Attachment 2
IRM Parameters
NYSDEC - Jimmy's Dry Cleaner**

Sample Location	November 24, 2003				December 17, 2003				January 6, 2004			
	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open
SVE - 1	NA	NA	NA	0%	NA	NA	NA	0%	NS	NS	NS	0%
SVE - 2	4.5	4.7	67.9	100%	NS	NS	NS	100%	NS	NS	NS	100%
SVE - 3	3.5	6.9	185.0	100%	0.0	0.0	19.9	100%	NS	NS	NS	100%
SVE - 4	5.0	16.4	46.7	100%	NS	NS	NS	100%	NS	NS	NS	100%
SVE - 5	3.2	12.5	3.4	100%	NS	NS	NS	100%	NS	NS	NS	100%
SVE - 6	3.0	8.4	0.0	100%	0.0	0.0	0.0	100%	NS	NS	NS	100%
SVE - 7	2.5	10.5	0.0	100%	0.0	0.0	0.0	100%	NS	NS	NS	100%
VMP - 1	0.0	0.0	NA	NA	0.0	0.0	NA	NA	NS	NS	NS	NA
Before blower	NA	218.0	39.2	NA	NA	160.0	136.0	NA	NS	NS	NS	NA
Influent	NA	75.0	3.6	NA	NA	86.0	12.7	NA	NS	NS	NS	NA
Mid	NA	83.0	0.0	NA	NA	81.5	1.5	NA	NS	NS	NS	NA
Effluent	NA	132.0	0.0	NA	NA	126.0	0.0	NA	NS	NS	NS	NA

Notes:

NA = not applicable.
NS = not sampled due to access issues.
Influent = Before carbon.
Mid = Between carbon.
Effluent = After carbon.

NS = System not sampled due to maintenance, standing water in lines, changed SVE filter.

**Attachment 2
IRM Parameters
NYSDEC - Jimmy's Dry Cleaner**

Sample Location	February 9, 2004				March 30, 2004				April 28, 2004			
	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open
SVE - 1	NA	NA	NA	0%	2.0	10.0	0.0	10%	7.0	9.7	97.4	10%
SVE - 2	NS	NS	NS	100%	6.0	47.0	5.0	100%	NS	NS	NS	100%
SVE - 3	2.0	4.4	42.3	100%	5.0	30.0	60.0	100%	1.2	0.9	2.2	100%
SVE - 4	NS	NS	NS	100%	5.0	24.0	15.0	100%	6.0	17.7	7.3	100%
SVE - 5	0.1	1.0	18.8	100%	5.0	22.0	10.0	100%	NS	NS	NS	100%
SVE - 6	0.0	0.9	0.0	100%	4.0	24.0	0.0	100%	0.08	0.88	0.0	100%
SVE - 7	0.0	0.1	0.0	100%	4.0	32.0	0.0	100%	0.05	2.97	0.01	100%
VMP - 1	0.0	0.0	NA	NA	NS	NS	NA	NA	NS	NS	NA	NA
Before blower	NA	6.3	19.5	NA	NA	45.0	33.0	NA	NA	18.8	42.5	NA
Influent	NA	101.0	0.0	NA	NA	128.0	14.0	NA	NA	82.0	7.1	NA
Mid	NA	88.0	0.0	NA	NA	103.0	5.0	NA	NA	96.5	4.1	NA
Effluent	NA	133.0	0.0	NA	NA	100.0	0.0	NA	NA	130.0	1.1	NA
Notes: NA = not applicable. NS = Not sampled, well head under water. Influent = Before carbon. Mid = Between carbon. Effluent = After carbon.				Notes: Carbon change out performed.				Following carbon vessel change out.				
								Before blower	36.0	35.7	NA	
								Influent	128.0	6.3	NA	
								Mid	106.0	1.1	NA	
								Effluent	100.0	0.0	NA	

**Attachment 2
IRM Parameters
NYSDEC - Jimmy's Dry Cleaner**

Sample Location	May 24, 2004				June 22, 2004				July 28, 2004			
	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open
SVE - 1	2.6	18.8	120.0	10%	2.0	27.0	212.0	20%	3.5	65.5	77.5	25%
SVE - 2	NS	NS	NS	100%	4.0	38.0	0.0	100%	NS	NS	NS	100%
SVE - 3	2.9	2.1	69.7	100%	3.0	19.0	83.0	100%	3.0	5.0	86.8	100%
SVE - 4	NS	NS	NS	100%	NS	NS	NS	100%	NS	NS	NS	100%
SVE - 5	NS	NS	NS	100%	NS	NS	NS	100%	NS	NS	NS	100%
SVE - 6	2.60	9.00	0.0	100%	3.00	15.00	0.0	100%	2.75	55.5	0.0	100%
SVE - 7	2.50	12.70	0.00	100%	3.00	22.00	0.00	100%	2.75	66.0	0.00	100%
VMP - 1	NS	NS	NS	NA	NS	NS	NS	NA	NS	NS	NS	NA
Before blower	NA	33.5	32.6	NA	NA	39.0	53.0	NA	NA	42.4	19.9	NA
Influent	NA	92.5	10.6	NA	NA	114.0	8.0	NA	NA	109.0	2.0	NA
Mid	NA	85.0	0.0	NA	NA	89.0	0.0	NA	NA	83.5	1.5	NA
Effluent	NA	126.0	0.0	NA	NA	91.0	0.0	NA	NA	136.0	0.0	NA
Notes:	Changed SVE-1 to 20% open				Changed SVE-1 to 25%							
NS = Not sampled, well head not accessible. NA = not applicable. Influent = Before carbon. Mid = Between carbon. Effluent = After carbon.												

Attachment 2
IRM Parameters
NYSDEC - Jimmy's Dry Cleaner

Sample Location	August 20, 2004				September 29, 2004			
	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open
SVE - 1	7.0	43.0	153.0	25%	6.0	7.1	145.0	25%
SVE - 2	NS	NS	NS	100%	NS	NS	NS	100%
SVE - 3	4.0	23.0	75.0	100%	2.0	6.5	31.9	100%
SVE - 4	NS	NS	NS	100%	NS	NS	NS	100%
SVE - 5	NS	NS	NS	100%	NS	NS	NS	100%
SVE - 6	4.00	35.00	0.0	100%	4.60	7.90	0.0	100%
SVE - 7	4.00	18.00	0.00	100%	4.80	5.75	0.00	100%
VMP - 1	NS	NS	NS	NA	NS	NS	NS	NA
Before blower	NA	48.0	49.0	NA	NA	145.0	23.7	NA
Influent	NA	122.0	34.0	NA	NA	91.0	9.0	NA
Mid	NA	98.0	33.0	NA	NA	86.0	0.0	NA
Effluent	NA	107.0	31.0	NA	NA	127.0	0.0	NA
Notes: NS = Not sampled, well head not accessible. NA = not applicable. Influent = Before carbon. Mid = Between carbon. Effluent = After carbon.	Following carbon vessel change out.							
	Before blower	48.0	53.0	NA				
	Influent	122.0	33.0	NA				
	Mid	98.0	0.0	NA				
Effluent	107.0	0.0	NA					

**Attachment 2
IRM Parameters
NYSDEC - Jimmy's Dry Cleaner**

Sample Location	October 20, 2004				November 17, 2004				December 21, 2004			
	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open
SVE - 1	5.0	13.4	133.0	25%	6.5	26.6	175.0	25%	3.5	1.89	232.0	25%
SVE - 2	NS	NS	NS	NA	NS	NS	NS	NA	2.0	17.50	1.4	100%
SVE - 3	3.0	13.9	33.2	100%	5.0	7.5	19.8	100%	2.5	3.53	19.0	100%
SVE - 4	NS	NS	NS	100%	6.0	18.7	25.5	100%	3.0	12.0	10.7	100%
SVE - 5	NS	NS	NS	100%	3.0	28.2	0.0	80%	2.3	10.30	0.0	80%
SVE - 6	4.00	8.90	0.0	100%	4.5	10.00	0.0	100%	3.00	9.38	0.0	100%
SVE - 7	4.00	8.85	0.0	100%	4.5	19.00	0.0	100%	3.00	16.20	0.0	100%
VMP - 1	NS	NS	NS	NA	NS	NS	NS	NA	NS	NS	NS	NA
Before blower	NA	218.0	23.5	NA	NA	214+	23.7	NA	NA	Over	36.2	NA
Influent	NA	89.0	7.3	NA	NA	110.0	9.0	NA	NA	97.0	11.5	NA
Mid	NA	84.5	0.10	NA	NA	97.0	0.0	NA	NA	78.0	4.1	NA
Effluent	NA	134.0	0.0	NA	NA	128.0	0.0	NA	NA	106.0	2.6	NA
Notes: NS = Not sampled, well head not accessible. NA = Not applicable. Influent = Before carbon. Mid = Between carbon. Over = Greater than meter capacity.				Following carbon vessel change out.				Following carbon vessel change out.				
				Before blower	204.0	25.6	NA	Before blower	85.5	33.9	NA	
				Influent	113.0	9.3	NA	Influent	115.0	16.7	NA	
				Mid	102.0	0.0	NA	Mid	80.5	6.6	NA	
				Effluent	132.0	0.0	NA	Effluent	130.0	0.0	NA	

**Attachment 2
IRM Parameters
NYSDEC - Jimmy's Dry Cleaner**

Sample Location	January 20, 2005				January 27, 2005				February 2, 2005			
	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open
SVE - 1					5.5	73.0	NA	10%	6.0	9.60	300.0	10%
SVE - 2					3.8	34.1	NA	100%	2.5	6.35	0.0	100%
SVE - 3					1.5	3.5	NA	100%	1.0	2.77	12.9	100%
SVE - 4					2.8	12.8	NA	100%	0.8	9.3	0.0	100%
SVE - 5					3.3	4.2	NA	100%	2.6	27.00	0.0	80%
SVE - 6					3.0	6.85	NA	100%	2.00	6.85	0.0	100%
SVE - 7					3.0	7.25	NA	100%	1.80	1.90	0.0	100%
VMP - 1					NS	NS	NS	NA	NS	NS	NS	NA
Before blower					NA	40.0	NA	NA	NA	200.0	57.3	NA
Influent					NA	130.0	NA	NA	NA	112.0	14.8	NA
Mid					NA	NA	NA	NA	NA	94.0	0.0	NA
Effluent					NA	101.0	NA	NA	NA	140.0	0.0	NA
Notes:	System shut down due to frozen moisture knockout and ice observed in trunk line.				System restarted, lag vessel frozen; taken out of service. System operating with lead vessel only.				Installed lag vessel; two vessels now in service.			
NS = Not sampled, well head not accessible. NA = Not applicable. Influent = Before carbon. Mid = Between carbon. Over = Greater than meter capacity.												

Attachment 2
IRM Parameters
NYSDEC - Jimmy's Dry Cleaner

Sample Location	February 10, 2005				February 17, 2005				February 22, 2005			
	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open
SVE - 1	6.0	17.5	29.9	10%	6.0	16.8	30.1	10%				
SVE - 2	1.8	3.1	0.0	100%	1.8	2.97	0.0	100%				
SVE - 3	2.0	2.6	11.0	100%	2.6	3.08	17.0	100%				
SVE - 4	NS	NS	NS	NS	2.0	1.7	0.8	100%				
SVE - 5	1.5	30.2	0.0	80%	1.8	35.0	0.0	80%				
SVE - 6	1.20	6.75	0.0	100%	1.5	7.05	0.0	100%				
SVE - 7	1.80	5.40	0.0	100%	2.0	5.50	0.0	100%				
VMP - 1	NS	NS	NS	NA	NS	NS	NS	NA				
Before blower	NA	30.0	2.7	NA	NA	28.5	3.7	NA				
Influent	NA	102.0	0.0	NA	NA	107.0	0.0	NA				
Mid	NA	86.5	0.00	NA	NA	82.5	0.0	NA				
Effluent	NA	104.0	0.0	NA	NA	112.0	0.0	NA				

Notes:

NS = Not sampled, well head not accessible.

NA = Not applicable.

Influent = Before carbon.

Mid = Between carbon.

Over = Greater than meter capacity.

Brief visit to confirm system operation and check for water accumulation in moisture separator.
System OK.

**Attachment 2
IRM Parameters
NYSDEC - Jimmy's Dry Cleaner**

Sample Location	March 2, 2005				March 22, 2005				March 23, 2005			
	Vac (inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (Inches of water)	Flow (cfm)	PID (ppm)	Valve % Open	Vac (Inches of water)	Flow (cfm)	PID (ppm)	Valve % Open
SVE - 1	NS	NS	NS	NS	7.0	26.1	128.0	10%	5.0	7.15	NA	10%
SVE - 2	3.5	12.3	1.6	100%	0.0	0.5	2.6	100%	4.0	12.70	NA	100%
SVE - 3	NS	NS	NS	100%	3.0	19.5	11.5	100%	NA	NA	NA	100%
SVE - 4	4.0	25.5	16.4	100%	5.5	34.2	23.5	100%	4.5	39.2	NA	100%
SVE - 5	3.0	13.0	0.6	100%	0.0	0.2	0.0	100%	3.3	18.20	NA	100%
SVE - 6	2.00	10.80	0.0	100%	0.0	0.13	0.0	100%	3.00	7.60	NA	100%
SVE - 7	2.50	10.70	0.0	100%	0.0	0.13	0.0	100%	3.00	17.00	NA	100%
VMP - 1	NS	NS	NS	NA	NS	NS	NS	NA	NS	NS	NS	NA
Before blower	NA	214.0	124.2	NA	NA	210.0	25.5	NA	NA	NA	NA	NA
Influent	NA	114.0	10.4	NA	NA	113.0	8.4	NA	NA	NA	NA	NA
Mid	NA	88.0	0.80	NA	NA	88.0	1.8	NA	NA	NA	NA	NA
Effluent	NA	113.0	0.0	NA	NA	117.0	0.0	NA	NA	NA	NA	NA
Notes: NS = Not sampled, well head not accessible. NA = Not applicable. Influent = Before carbon. Mid = Between carbon. Over = Greater than meter capacity.				Following carbon vessel change out.								
				Before blower	Over	17.2	NA					
				Influent	110.0	9.1	NA					
				Mid	91.5	0.0	NA					
				Effluent	121.0	0.0	NA					

ATTACHMENT 3

Indoor Air Analytical

Galson Laboratories

6601 Kirkville Rd. E. Syracuse, NY 13057

LABORATORY ANALYSIS REPORT

Client : Shaw Environmental & Infrastructure
 Site : Jimmy's Dry Cleaner
 Project No. : 824324

Date Sampled : 15-JUN-05
 Date Received : 17-JUN-05
 Date Analyzed : 13-JUN-05

Account No.: 14965
 Login No. : L119713

Perchloroethylene

Sample ID	Lab ID	Time minutes	Total ug	Conc ug/m3
BACKGROUND	L119713-1	1440	0.48	11
DUPA	L119713-2	1440	0.71	17
DELI	L119713-3	1355	1.16	29
KFC	L119713-4	1440	0.28	6.7
J	L119713-5	1440	0.7	17
G	L119713-6	1440	0.52	12
TRIP BLANK	L119713-7	NA	0.51	NA

COMMENTS: Total ug corrected for a desorption efficiency of 103%.
 Sample results were corrected for the in-house media blank value.
 Sample results have not been corrected for the client blank value.

Level of quantitation: 0.03 ug	Submitted by: RAF
Analytical Method : mod. NYS DOH 311-9	Approved by : dk
OSHA PEL (TWA) : 100 ppm	Date : 24-JUN-05 NYS DOH # : 11626
Collection Media : OVM	QC by: Lyndi Mott

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	

ATTACHMENT 4

Indoor Air Quality Data

Attachment 4
Indoor Air Quality Data
NYSDEC - Jimmy's Dry Cleaners
61 Nassau Road, Roosevelt, New York

Sample Location	Units	NYSDOH		6/15/05				
		Guidance Value						
KFC - Kitchen	µg/m ³	100		6.7				
40 Dutchess (Bsmt. Living. Rm)	µg/m ³	100		NS				
40 Dutchess (Bsmt. Bdrm/baby rm)	µg/m ³	100		12				
40 Dutchess (Kitchen/First Floor)	µg/m ³	100		NS				
Deli - Front Room	µg/m ³	100		29				
Deli - Storage Room (Back)	µg/m ³	100		NS				
DUPA (KFC)	µg/m ³	100		17				
Dupe 1 (Deli - Front Room)	µg/m ³	100		NS				
Dupe 2 (40 Dutchess.Bsmt)	µg/m ³	100		NS				
Dupe 3 (Deli - Front Room)	µg/m ³	100		NS				
Dupe 4 (KFC)	µg/m ³	100		NS				
44 Dutchess (Jackson Bsmt./Family Rm)	µg/m ³	100		17				
44 Dutchess (First Floor/Kitchen)	µg/m ³	100		NS				
34 Dutchess (Bsmt. Rec Room)	µg/m ³	100		NS				
34 Dutchess (Bsmt. Bdrm)	µg/m ³	100		NS				
34 Dutchess (First Floor/Kitchen)	µg/m ³	100		NS				
MSUP - Bld. 1 Basement, store room	µg/m ³	100		NS				
MSUP - Bld. 1 First floor, southwest corner	µg/m ³	100		NS				
MSUP - Bld. First floor, northwest corner	µg/m ³	100		NS				
MSUP - Bld. 2 First floor, front room	µg/m ³	100		NS				
MSUP - Bld. 2 First floor, rear room	µg/m ³	100		NS				
MSUP - Bld. 3 Basement, computer room	µg/m ³	100		NS				
MSUP - Bld. 3 First floor, office	µg/m ³	100		NS				
MSUP - Play area southwest of Bld. 1	µg/m ³	100		NS				
Background	µg/m ³	100		11				

Notes:

Bold = Value exceeds NYSDOH guidance value.

MSUP = Miss Shelly's School - 66 Nassau Road.

KFC = 497 North Main Street.

All samples were sampled for Tetrachloroethene by NYSDOH Method 311-9.

NYSDOH Guidance Value references NYSDOH's "Tetrachloroethene in Indoor and Outdoor Air", May, 2003.

NS = Not sampled.

NA = Data not available.

ND = Non - Detect.

(PL) = value detected less than the reported value.

5 (PL)/5 (PL) = Indicates that the NYSDOH collected a duplicate sample from this location.



Attachment 4
Indoor Air Quality Data
NYSDEC - Jimmy's Dry Cleaner
61 Nassau Road, Roosevelt, New York

Sample Location	Units	NYSDOH					
		Guidance Value	09/29/98	01/05/99	08/17/00	08/28/01	05/09/02
KFC - Kitchen	ug/m ³	10	NS	NS	NS	10	70
40 Dutchess (Bsmt. Living. Rm)	ug/m ³	10	NS	NS	NS	5 (PL)	NS
40 Dutchess (Bsmt. Bdrm/baby rm)	ug/m ³	10	NS	NS	NS	5 (PL)	490
40 Dutchess (Kitchen/First Floor)	ug/m ³	10	NS	NS	NS	5 (PL)	280
Deli - Front Room	ug/m ³	10	1250/1400	400/400	510/480	108	900/870
Deli - Storage Room (Back)	ug/m ³	10	930/970	400/400	490/480	NS	NS
DUPA (KFC)	ug/m ³	10	NS	NS	NS	NS	NS
Dupe 1 (Deli - Front Room)	ug/m ³	10	NS	NS	NS	NS	NS
Dupe 2 (40 Dutchess.Bsmt)	ug/m ³	10	NS	NS	NS	NS	NS
Dupe 3 (Deli - Front Room)	ug/m ³	10	NS	NS	NS	NS	NS
Dupe 4 (KFC)	ug/m ³	10	NS	NS	NS	NS	NS
44 Dutchess (Jackson Bsmt./Family Rm)	ug/m ³	10	NS	NS	NS	NS	NS
44 Dutchess (First Floor/Kitchen)	ug/m ³	10	NS	NS	NS	NS	NS
34 Dutchess (Bsmt. Rec Room)	ug/m ³	10	NS	NS	NS	5 (PL)/5 (PL)	NS
34 Dutchess (Bsmt. Bdrm)	ug/m ³	10	NS	NS	NS	5 (PL)	NS
34 Dutchess (First Floor/Kitchen)	ug/m ³	10	NS	NS	NS	5 (PL)	NS
MSUP - Bld. 1 Basement, store room	ug/m ³	10	NS	NS	NS	ND	ND
MSUP - Bld. 1 First floor, southwest corner	ug/m ³	10	NS	NS	NS	ND/ND	5 (PL)
MSUP - Bld. First floor, northwest corner	ug/m ³	10	NS	NS	NS	ND	5 (PL)
MSUP - Bld. 2 First floor, front room	ug/m ³	10	NS	NS	NS	ND	5 (PL)
MSUP - Bld. 2 First floor, rear room	ug/m ³	10	NS	NS	NS	ND	ND
MSUP - Bld. 3 Basement, computer room	ug/m ³	10	NS	NS	NS	ND	5 (PL)/5 (PL)
MSUP - Bld. 3 First floor, office	ug/m ³	10	NS	NS	NS	ND	ND
MSUP - Play area southwest of Bld. 1	ug/m ³	10	NS	NS	NS	ND/ND	5 (PL)
Background	ug/m ³	10	NS	NS	NS	NA	NA

Notes:

Bold = Value exceeds NYSDOH guidance value.

MSUP = Miss Shelly's School - 66 Nassau Road.

KFC = 497 North Main Street.

All samples were sampled for Tetrachloroethene by NYSDOH Method 311-9.

NYSDOH Guidance Value references NYSDOH's "Tetrachloroethene in Indoor and Outdoor Air", May, 2003.

NS = Not sampled.

NA = Data not available.

ND = Non - Detect.

(PL) = value detected less than the reported value.

5 (PL)/5 (PL) = Indicates that the NCDOH collected a duplicate sample from this location.

Attachment 4
Indoor Air Quality Data
NYSDEC - Jimmy's Dry Cleaner
61 Nassau Road, Roosevelt, New York

Sample Location	Units	NYSDOH					
		Guidance Value	07/01/02	11/25/02	01/13/03	03/05/03	05/01/03
KFC - Kitchen	ug/m ³	10	NS	18	6.4	3.3	42
40 Dutchess (Bsmt. Living. Rm)	ug/m ³	10	5 (PL)	NS	NS	NS	NS
40 Dutchess (Bsmt. Bdrm/baby rm)	ug/m ³	10	5	1.0	5.2	24	NS
40 Dutchess (Kitchen/First Floor)	ug/m ³	10	NS	NS	NS	NS	NS
Deli - Front Room	ug/m ³	10	230	67	48	119	69
Deli - Storage Room (Back)	ug/m ³	10	NS	NS	NS	NS	NS
DUPA (KFC)	ug/m ³	10	NS	NS	NS	NS	NS
Dupe 1 (Deli - Front Room)	ug/m ³	10	NS	NS	49	NS	NS
Dupe 2 (40 Dutchess.Bsmt)	ug/m ³	10	NS	NS	NS	20	NS
Dupe 3 (Deli - Front Room)	ug/m ³	10	NS	NS	NS	NS	69
Dupe 4 (KFC)	ug/m ³	10	NS	NS	NS	NS	NS
44 Dutchess (Jackson Bsmt./Family Rm)	ug/m ³	10	14	7.4	NS	2.6	NS
44 Dutchess (First Floor/Kitchen)	ug/m ³	10	5 (PL)	NS	NS	NS	NS
34 Dutchess (Bsmt. Rec Room)	ug/m ³	10	NS	NS	NS	NS	NS
34 Dutchess (Bsmt. Bdrm)	ug/m ³	10	NS	NS	NS	NS	NS
34 Dutchess (First Floor/Kitchen)	ug/m ³	10	NS	NS	NS	NS	NS
MSUP - Bld. 1 Basement, store room	ug/m ³	10	NS	NS	NS	NS	NS
MSUP - Bld. 1 First floor, southwest corner	ug/m ³	10	NS	NS	NS	NS	NS
MSUP - Bld. First floor, northwest corner	ug/m ³	10	NS	NS	NS	NS	NS
MSUP - Bld. 2 First floor, front room	ug/m ³	10	NS	NS	NS	NS	NS
MSUP - Bld. 2 First floor, rear room	ug/m ³	10	NS	NS	NS	NS	NS
MSUP - Bld. 3 Basement, computer room	ug/m ³	10	NS	NS	NS	NS	NS
MSUP - Bld. 3 First floor, office	ug/m ³	10	NS	NS	NS	NS	NS
MSUP - Play area southwest of Bld. 1	ug/m ³	10	NS	NS	NS	NS	NS
Background	ug/m ³	10	NS	1.7	2.4	4.0	15

Notes:

Bold = Value exceeds NYSDOH guidance value.

MSUP = Miss Shelly's School - 65 Nassau Road.

KFC = 497 North Main Street.

All samples were sampled for Tetrachloroethene by NYSDOH Method 311-9.

NYSDOH Guidance Value references NYSDOH's "Tetrachloroethene in Indoor and Outdoor Air", May, 2003.

NS = Not sampled.

NA = Data not available.

ND = Non - Detect.

(PL) = value detected less than the reported value.

5 (PL)/5 (PL) = Indicates that the NCDOH collected a duplicate sample from this location.

Attachment 4

Indoor Air Quality Data

NYSDEC - Jimmy's Dry Cleaner

61 Nassau Road, Roosevelt, New York

Sample Location	Units	NYSDOH	09/23/03	3/30/2004	6/22/2004	9/30/2004	12/21/2004	3/22/2005
KFC - Kitchen	ug/m ³	10	5.9	5.5	4.3	19	6.2	8.8
40 Dutchess (Bsmt. Living. Rm)	ug/m ³	10	NS	NS	NS	NS	NS	NS
40 Dutchess (Bsmt. Bdrm/baby rm)	ug/m ³	10	6.2	10.0	6.2	2.8	4.0	6.4
40 Dutchess (Kitchen/First Floor)	ug/m ³	10	NS	NS	NS	NS	NS	NS
Dell - Front Room	ug/m ³	10	26	14.0	54	27	31	36
Dell - Storage Room (Back)	ug/m ³	10	NS	NS	NS	NS	NS	NS
DUPA (KFC)	ug/m ³	10	NS	5.2	7.1	20	5.7	9.0
Dupe 1 (Dell - Front Room)	ug/m ³	10	NS	NS	NS	NS	NS	NS
Dupe 2 (40 Dutchess, Bsmt)	ug/m ³	10	NS	NS	NS	NS	NS	NS
Dupe 3 (Dell - Front Room)	ug/m ³	10	NS	NS	NS	NS	NS	NS
Dupe 4 (KFC)	ug/m ³	10	5.2	NS	NS	NS	NS	NS
44 Dutchess (Jackson Bsmt./Family Rm)	ug/m ³	10	NS	5.0	NS	5.2	NS	5.9
44 Dutchess (First Floor/Kitchen)	ug/m ³	10	NS	NS	NS	NS	NS	NS
34 Dutchess (Bsmt. Rec Room)	ug/m ³	10	NS	3.6	NS	NS	NS	NS
34 Dutchess (Bsmt. Bdrm)	ug/m ³	10	NS	NS	NS	NS	NS	NS
34 Dutchess (First Floor/Kitchen)	ug/m ³	10	NS	NS	NS	NS	NS	NS
MSUP - Bid. 1 Basement, store room	ug/m ³	10	NS	NS	NS	NS	NS	NS
MSUP - Bid. 1 First floor, southwest corner	ug/m ³	10	NS	NS	NS	NS	NS	NS
MSUP - Bid. First floor, northwest corner	ug/m ³	10	NS	NS	NS	NS	NS	NS
MSUP - Bid. 2 First floor, front room	ug/m ³	10	NS	NS	NS	NS	NS	NS
MSUP - Bid. 2 First floor, rear room	ug/m ³	10	NS	NS	NS	NS	NS	NS
MSUP - Bid. 3 Basement, computer room	ug/m ³	10	NS	NS	NS	NS	NS	NS
MSUP - Bid. 3 First floor, office	ug/m ³	10	NS	NS	NS	NS	NS	NS
MSUP - Play area southwest of Bid. 1	ug/m ³	10	NS	NS	NS	NS	NS	NS
Background	ug/m ³	10	6.2	4.8	4.3	4.0	4.8	4.2

Notes:

Bid = Value exceeds NYSDOH guidance value.

MSUP = Miss Shelly's School - 66 Nassau Road.

KFC = 497 North Main Street.

All samples were sampled for Tetrachloroethene by NYSDOH Method 311-9.

NYSDOH Guidance Value references NYSDOH's "Tetrachloroethene

5 (PL)/5 (PL) = Indicates that the NCDOH collected a duplicate sample from this location.

NS = Not sampled.

NA = Data not available.

ND = Non - Detect.

(PL) = value detected less than the reported value.