



February 24, 2005

Mr. Joseph Peck
NYSDEC
Remedial Bureau B, Section D
625 Broadway, 12th Floor
Albany, New York 12233

**Subject: Quarterly Interim Remedial Measure Operation & Maintenance and
Indoor Air Quality Monitoring Report
October 20, 2004 through December 21, 2004
Jimmy's Dry Cleaner Site, Roosevelt, New York
NYSDEC Site No. 1-30-080**

Dear Mr. Peck:

Shaw Environmental and Infrastructure Engineering of New York, P.C. (Shaw) has developed this letter report to serve as a Quarterly Operation, Monitoring & Maintenance (O&M) and Indoor Air Quality Report for the Soil Vapor Extraction (SVE) System in operation at the former Jimmy's Dry Cleaner (Site) located in Roosevelt, New York. The SVE system was installed as an Interim Remedial Measure (IRM) to abate volatile organic compounds (VOCs) observed at a business and residences located in the vicinity of the Site. After the startup of the SVE system on August 7, 2002, Shaw implemented an Indoor Air Quality Monitoring program for select sampling locations. Throughout 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. To date, seven O&M letter reports, four Indoor Air Quality letters, and four combined Quarterly Interim Remedial Measure Operation & Maintenance and Indoor Air Quality Monitoring Reports have been submitted to the NYSDEC summarizing the IRM. This report covers the period of October 1, 2004 through December 21, 2004.

Remedial System Operation and Maintenance

To evaluate and adjust the SVE system operating performance, Shaw completed three site visits during the reporting period. 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. Extraction well SVE-2 was not monitored during the October 20 and November 17, 2004 visits and extraction wells SVE-4 and SVE-5 were not monitored during the October 20, 2004 site visit due to access limitations at the extraction well locations. Prior to the November 17, 2004 site visit, extraction wells SVE-4 and SVE-5 became accessible and were monitored for the remainder of the reporting period. Extraction well SVE-2 became accessible for monitoring prior to the December 21, 2004 site visit. Vapor monitoring point VMP-1 was not monitored during site visits due to access limitations at that location. A summary of the monitoring data collected during the monitoring events is presented in **Attachment 2** and summarized below.

The monitoring data revealed elevated VOC concentrations at extraction wells SVE-1 (133.0 parts per million volume (ppmv) to 232.0 ppmv), SVE-3 (19.0 ppmv to 33.2 ppmv) and SVE-4 (10.7 ppmv to 25.5 ppmv). During the current monitoring period, the air flow control valves at the wellheads were opened fully at 100% capacity (with the exception of SVE-1 at 25% capacity and SVE-5 at 80% capacity since November 17, 2004), allowing for maximum VOC extraction from the subsurface. Average air flow and vacuum readings observed during this reporting period at SVE-1 were 13.96 cubic feet per minute (cfm) and 5.0 inches of water column ("W.C.), average air flow and vacuum readings observed at SVE-3 were 8.31 cfm and 3.5" W.C and average air flow and vacuum readings observed at SVE-4 were 15.35 cfm and 4.5" W.C. Average air flow and vacuum readings observed at SVE-5 were 19.25 cfm and 2.65" W.C, average air flow and vacuum readings observed at SVE-6 were 9.43 cfm and 3.83" W.C and average air flow and vacuum readings observed at SVE-7 were 14.68 cfm and 3.83" W.C. The air flow control valve at extraction well SVE-5 was positioned at 100% open at the beginning of the reporting period and was adjusted to 80% open by the end of the reporting period. The adjustment at SVE-5 decreased the vacuum draw from the subsurface source in that area of the site in an attempt to address PCE indoor air concentrations in the deli that were above the ambient indoor air guidelines. The SVE blower operated at an average vacuum of approximately 30." W.C. and an average air flow of 99 cfm during the reporting period.

A total of twelve carbon vessel change outs have occurred prior to this reporting period. Two carbon change outs were completed during this reporting period. During each carbon change out, the lag vessel was moved to the lead position and a new carbon vessel placed in the lag position. Spent carbon was staged on-site pending disposal by an approved waste disposal firm 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 prevent VOC migration while maximizing the life of the carbon vessels.

Indoor Air Quality Monitoring Results

Shaw conducted an indoor air quality monitoring event on December 21, 2004 for the Deli, KFC, 40, and 44 Dutchess Street. Passive diffusion dosimeters were used to collect air samples over a 24 hour period. Several air samples were collected, including a background sample near the Deli and a duplicate sample from KFC for comparative purposes. The laboratory reports of analyses are presented as **Attachment 3** and summarized below. The analytical results for indoor air quality monitoring events performed by the New York State Department of Health (NYSDOH) and Shaw are summarized in **Attachment 4**. The analytical results indicate that concentrations of tetrachloroethene (PCE) are below the NYSDOH Ambient Air Guidance Value ($100 \mu\text{g}/\text{m}^3$). Furthermore, most observed concentrations were below the NYSDOH indoor ambient air goal of ($10 \mu\text{g}/\text{m}^3$) as referenced in the NYSDOH Fact Sheet, PCE in Indoor and Outdoor Air, May 2003. However, an elevated PCE concentration of $31 \mu\text{g}/\text{m}^3$ was observed in the sample collected in the Deli front room. The SVE system will continue to be adjusted during each site visit to minimize and prevent the migration of PCE into the deli. Specifically, the flow control valve at extraction well SVE-1 will be adjusted from 25% open to 10% open. This adjustment will increase the influence at extraction wells SVE-2 and SVE-3 while continuing to address the source area near SVE-1. Monitoring will continue at KFC, the deli and the residences to ensure that PCE is not migrating into these areas at levels above the ambient indoor air guidelines.

Following the completion of the next quarter of monitoring events, a letter report summarizing the monitoring events will be prepared by Shaw and submitted to the NYSDEC.

If you have any questions or comments regarding this information, please contact Shaw at 518-783-1996.

Sincerely,
Shaw E&I Engineering of New York, P.C.



John Skaarup
Project Engineer



Heide-Marie Dudek, P.E.
Project Manager

Shaw E&I Engineering of New York, P.C.

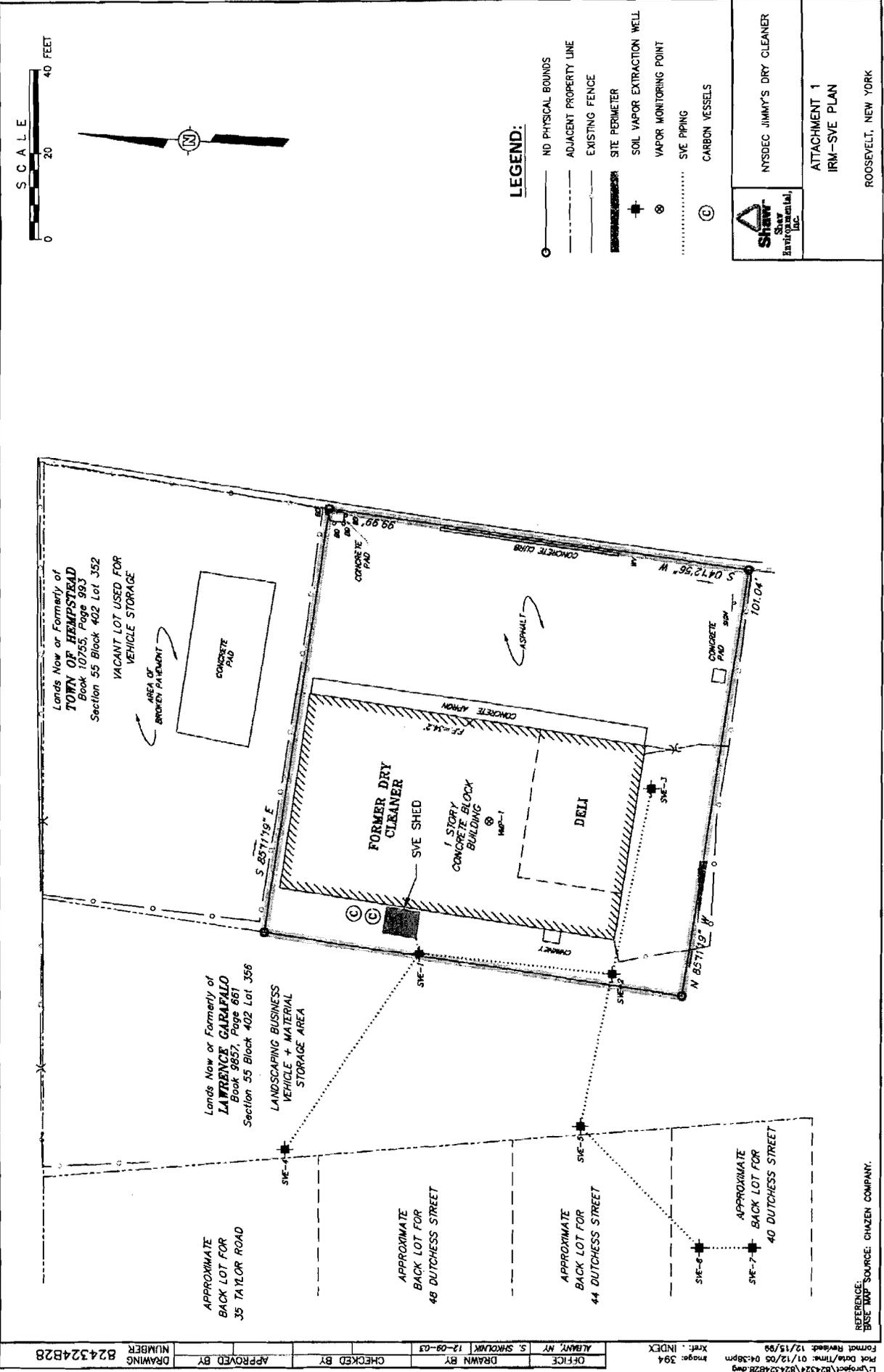


Marc E. Flanagan
Site Supervisor

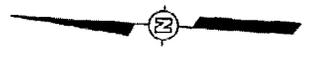
Attachments: 1 SVE Design Plan
2 IRM Parameters
3 Indoor Air Analytical
4 Indoor Air Quality Data

Cc: Robert Cozzy, NYSDEC
Becky Mitchell, NYSDOH
Joseph DeFranco, NCDOH
Margie Gardner, Shaw

ATTACHMENT 1
SVE DESIGN PLAN



SCALE
0 20 40 FEET



LEGEND:

- ND PHYSICAL BOUNDS
- ADJACENT PROPERTY LINE
- - - EXISTING FENCE
- ▬ SITE PERMETER
- ⊕ SOIL VAPOR EXTRACTION WELL
- ⊙ VAPOR MONITORING POINT
- SVE PIPING
- ⊙ CARBON VESSELS



NTSDEC JIMMY'S DRY CLEANER
ATTACHMENT 1
IRM-SVE PLAN
ROOSEVELT, NEW YORK

Lands Now or Formerly of
TOWN OF HEMPSTEAD
Book 10755, Page 993
Section 55 Block 402 Lot 352
VACANT LOT USED FOR
VEHICLE STORAGE

AREA OF
BROKEN PAVEMENT

Lands Now or Formerly of
LAWRENCE GARAPALO
Book 9657, Page 861
Section 55 Block 402 Lot 356
LANDSCAPING BUSINESS
VEHICLE + MATERIAL
STORAGE AREA

APPROXIMATE
BACK LOT FOR
35 TAYLOR ROAD

APPROXIMATE
BACK LOT FOR
48 DUTCHESS STREET

APPROXIMATE
BACK LOT FOR
44 DUTCHESS STREET

APPROXIMATE
BACK LOT FOR
40 DUTCHESS STREET

FORMER DRY
CLEANER

SVE SHED

1 STORY
CONCRETE BLOCK
BUILDING

DELI

REFERENCE:
BUSE MAP SOURCE: CHIZEN COMPANY.

ATTACHMENT 2
IRM PARAMETERS

**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

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

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

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	November 15, 2002				December 4, 2002				December 16, 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%	3.0	10.4	29.1	30%	NS	NS	NS	30%
SVE - 2	NS	NS	NS	50%	NS	NS	NS	50%	NS	NS	NS	50%
SVE - 3	-1.0	5.2	0.0	50%	2-3	17.0	225.0	50%	0.5	1.6	117.0	50%
SVE - 4	NS	NS	NS	100%	4.0	12.0	97.1	100%	1.5	1.3	126.0	100%
SVE - 5	NS	NS	NS	100%	3-4	3.2	0.0	100%	1.0	1.3	0.0	100%
SVE - 6	-2.0	11.8	0.0	100%	2.0	4.5	0.0	100%	1.0	0.5	0.0	100%
SVE - 7	-2.0	5.0	0.0	100%	2.0	4.7	0.0	100%	1.0	0.5	0.0	100%
VMP - 1	0.0	NA	0.0	NA	0.0	NA	8.7	NA	0.0	NA	0.0	NA
Before blower	NA	High	92.9	NA	NA	47.9	120.0	NA	NA	40.5	190.0	NA
Influent	NA	82.5	25.2	NA	NA	110.0	15.0	NA	NA	98.1	26.4	NA
Mid	NA	84.0	17.0	NA	NA	86.5	4.5	NA	NA	91.1	39.0	NA
Effluent	NA	126.0	0.0	NA	NA	107.5	0.0	NA	NA	132.9	0.0	NA

** = Well under water, could not bail out fast enough.

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	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	February 10, 2003				March 5, 2003				March 18, 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	8.0	28.7	350.0	30%	NA	NA	NA	0%	NA	NA	NA	0%
SVE - 2	NS	NS	NS	50%	<1	0.3	7.7	100%	2.0	3.6	0.0	100%
SVE - 3	0.0	0.0	0.0	50%	<1	0.0	0.0	50%	2.0	4.6	46.1	50%
SVE - 4	NS	NS	NS	100%	NS	NS	NS	100%	NS	NS	NS	100%
SVE - 5	NS	NS	NS	100%	<1	0.2	2.7	100%	2.5	11.3	0.0	100%
SVE - 6	0.0	0.0	0.0	100%	0.0	0.0	0.0	100%	2.5	3.9	0.0	100%
SVE - 7	0.0	0.0	0.0	100%	0.0	0.0	0.0	100%	3.0	10.9	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	30.0	165.0	NA	NA	44.0	0.0	NA	NA	54.0	2.6	NA
Influent	NA	15.3	109.0	NA	NA	106.0	0.0	NA	NA	113.0	0.0	NA
Mid	NA	92.5	3.3	NA	NA	88.6	22.3	NA	NA	85.0	0.0	NA
Effluent	NA	126.0	0.0	NA	NA	115.0	0.0	NA	NA	121.0	0.0	NA
Close valve at SVE -1 to 0%				Open valve at SVE -2 to 100%				Carbon Change out performed				

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

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

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

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

ATTACHMENT 3
INDOOR AIR ANALYTICAL



6601 KIRKVILLE ROAD
EAST SYRACUSE, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

Ms. Heide Dudek
Shaw Environmental & Infrastructure
13 British American Blvd.
Latham, NY 12110

January 03, 2005

DOH ELAP# 11626

Account# 14965

Login# L113232

Dear Ms. Dudek:

Enclosed are the analytical results of the samples received by our laboratory December 23, 2004. All test results meet the quality control requirements of AIHA and NELAC unless otherwise stated in this report.

Results in this report are based on the sampling data provided by the client and refer only to items tested. Unless otherwise requested, all samples will be discarded thirty days from the date of this report.

Please contact client services at (888) 432-5227, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories

F. Joseph Unangst
Laboratory Director

Enclosure(s)



6601 Kirkville Rd
 East Syracuse, NY 13057-9672
 Tel: 315-437-5227
 888-432-LABS(5227)
 Fax: 315-437-0571
 www.galsonlabs.com

Check if change of address

New Client? yes no

Client Account #: _____

Report To: Heidi Dudek, P.E.
Shaw Environmental, Inc.
13 British American Blvd.
Latham NY 12110

Phone No.: 11 ←

Invoice To: Same

Phone No.: 518-783-1996

Fax No.: 518-783-8397

Site Name: NYSDEC - Jimmy's Dry Clean Project

Sampled By: John Skarup

Need Results By:	(surcharge)
<input checked="" type="checkbox"/> 5 Business Days	0%
<input type="checkbox"/> 4 Business Days	35%
<input type="checkbox"/> 3 Business Days	50%
<input type="checkbox"/> 2 Business Days	75%
<input type="checkbox"/> Next Day by 6pm	100%
<input type="checkbox"/> Next Day by Noon	150%
<input type="checkbox"/> Same day	200%

Verbal Authorization: _____

Purchase Order No.: will call

Credit Card No.: _____ Card Holder Name: _____ Exp.: _____

Fax Results To: Heidi Dudek Fax No.: 518-783-8397

Email Results To: heidi-mare@dudek@shawgrp.com

Sample Identification	Date Sampled	Collection Medium	*Air Volume (liters)/ Passive Monitors (Min)	Analysis Requested	Method Reference	Specific DL Needed
<u>G</u>	<u>12/21/04</u>	<u>35080VM</u>	<u>1440 min</u>	<u>tetrachloroethene</u>	<u>NYSDOH/31-9</u>	<u>10 ug/m³</u>
<u>Background</u>	↓	↓	↓	↓	↓	↓
<u>Deli</u>	↓	↓	↓	↓	↓	↓
<u>KFC</u>	↓	↓	↓	↓	↓	↓
<u>DUPA</u>	↓	↓	↓	↓	↓	↓
<u>Trip Blank</u>	↓	↓	↓	↓	↓	↓

IF YOU DO NOT WANT A LABORATORY BLANK ADDED PLEASE CHECK BOX. If blanks are not submitted or box is not checked, our policy states that a laboratory blank will be added for each analyte and it will be charged at normal rate.

List description of industry or process/ interferences present in sampling area: None

Chain of Custody	Print Name	Signature	Date/Time
Relinquished by:	<u>John Skarup</u>	<u>John Skarup</u>	<u>12/22/04 12:15 PM</u>
Received by LAB:	<u>Kelly A. Mareszko</u>	<u>Kelly A. Mareszko</u>	<u>12-23-04 A10:02 IN</u>
Login #: <u>L113232</u>	Samples received after 3pm will be considered as next day's business		*Collection Time(min) X LPM = Air Vol. (L)

AA



LABORATORY ANALYSIS REPORT

6601 KIRKVILLE ROAD
EAST SYRACUSE, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

Client : Shaw Environmental & Infrastructure
Site : NYS DEC-Jimmy's Dry Cleaner

Date Sampled : 21-DEC-04
Date Received : 23-DEC-04
Date Analyzed : 28-DEC-04

Account No.: 14965
Login No. : L113232

Perchloroethylene

Table with 5 columns: Sample ID, Lab ID, Time minutes, Total ug, Conc ug/m3. Rows include G, BACKGROUND, DELI, KFC, DUP A, and TRIP BLANK.

COMMENTS: Results corrected for a desorption efficiency of 103% in the ppm calculation.
Sample results have not been corrected for the blank value.

Level of quantitation: 0.03 ug
Analytical Method : NYS DOH 311-9
OSHA PEL (TWA) : 100 ppm
Collection Media : OVM
Submitted by: AS
Approved by : dk
Date : 03-JAN-05
NYS DOH # : 11626
QC by: JW

< -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 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 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	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 - 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	09/23/03	3/30/2004	6/22/2004	9/30/2004	12/21/2004
KFC - Kitchen	ug/m ³	10	5.9	5.5	4.3	19	6.2
40 Dutchess (Bsmt. Living. Rm)	ug/m ³	10	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
40 Dutchess (Kitchen/First Floor)	ug/m ³	10	NS	NS	NS	NS	NS
Deli - Front Room	ug/m ³	10	26	14.0	54	27	31
Deli - Storage Room (Back)	ug/m ³	10	NS	NS	NS	NS	NS
DUPA (KFC)	ug/m ³	10	NS	5.2	7.1	20	5.7
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	5.2	NS	NS	NS	NS
44 Dutchess (Jackson Bsmt./Family Rm)	ug/m ³	10	NS	5.0	NS	5.2	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	3.6	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	6.2	4.8	4.3	4.0	4.8

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.

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a duplicate sample from this location.