ecology and environment engineering, p.c.

BUFFALO CORPORATE CENTER
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March 16, 2006

Mr. David Chiusano, Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Construction Services
625 Broadway, 12th Floor
Albany, New York 12233 - 7010

Re: Mr. C's Dry Cleaners Site, Contract # D003493-27.5, Site # 9-15-157
February 2006 Operations, Maintenance, and Monitoring Report

Dear Mr. Chiusano:

Ecology and Environment Engineering, P.C. (EEEPC) is pleased to provide this February 2006 Operation, Maintenance, and Monitoring (OM&M) Report for the Mr. C's Dry Cleaners Site, NYSDEC Site # 9-15-157, located in East Aurora, New York. Copies of weekly inspection reports from EEEPC's subcontractor O&M Enterprises, Inc. (OMEI) are provided as Attachment A. Selected pages from the individual analytical data packages prepared by Severn - Trent Laboratories (STL) from February 6, 2006 and March 1, 2006 is provided as Attachments B-1 and B-2. All analytical results for both periods were analyzed at the lowest detection limits in accordance with the standard method. Remedial treatment system utility costs are provided as Attachment C.

In review of the on-site treatment system operations, monitoring and maintenance for February 2006, EEEPC offers the following comments and highlights:

Operational Summary

- The treatment system was operational for 100.0% of the period between 2/6/06 and 3/6/06. Table 1 is provided to indicate the monthly operational time of the treatment equipment from the time of system startup.
- The effluent totalizer readings for the month of February 2006 indicate that approximately 1,785,570 gallons of groundwater were processed through the treatment system for the period 2/6/06 and 3/6/06. Table 2 provides a summary of groundwater volume treated since system start-up. Historical volumes are based on totalizer readings provided by the O&M subcontractor's weekly inspection forms.
- Filters in the influent bag filter unit were replaced during weekly inspections on 2/20/06, 2/27/06, and 3/6/06.

- Checklists for weekly system inspections from OMEI are provided as Attachment A for 2/13/06, 2/20/06, 2/27/06, and 3/6/06. Weekly system checks indicated that the air stripper differential pressure was between 23 and 26 inches of water during the month of February 2006.
- The feed rate for the sequestering agent remained set at 5.0 ml/min to allow for additional removal of mineral deposits on the stripping trays. This short term adjustment in feed rate will be evaluated during the following month.
- The Agway/Matrix system remains in operation since start up occurred in April 2005. OMEI continues to review the system operations on a weekly basis. The air sparge system continues to be functional except four out of the eight injection points cannot inject air to the lower injection zones. Pressure is still provided throughout the distribution system and to the individual heads, but air cannot be injected due to blockage below grade. No repairs are anticipated at the present time.
- The month of February report for the Agway site is as follows: The vacuum pressure on the air sparge / vapor extraction treatment system maintained 13-15 inches of water vacuum and ranged between 85 and 120 pounds per square inch of air pressure. 4 out of the 8 sparge points were injecting an average of 2.88 standard CFM of air to the remaining operational sparge points. The system remains operational pending further NYSDEC review.
- A temporary repair at a broken monitoring well in front of Mr. C's was made on November 28, 2005. The well was cut even with the top of the sidewalk and capped to prevent injury to passersby. Due to cold temperatures final repairs are not expected until April 2006.
- All system pumps and motors were serviced on February 13, 2006.
- The Air Stripper trays were pressure washed on February 27, 2006.
- The Influent Feed water pump rate was adjusted on March 6, 2006. This adjustment allows a continuous flow of influent to enter the stripper trays instead of batch treatment as been performed previously.
- The March compliance sampling is planned to take place on March 13, 2006 with results in 14 days from receipt of samples.
- A copy of the site utility costs from EEEPC operations from December 2004 to February 2006 are provided as Attachment C.

Analytical Summary – Groundwater

- EEEPC and OMEI personnel collected samples of influent and effluent groundwater for the reporting period 2/13/06 to 3/6/06 on February 6, 2006 as part of the normal weekly O&M services. The analytical results for the February 6, 2006 sampling event are presented in Table 3 with the analytical package provided as Attachment B-1.

- The February 2006 monthly analytical results indicate that the treated groundwater effluent from the February 6, 2006 sample time remained below the site specific Effluent Discharge Limitation Requirements for all compounds except PCE (85 ug/L). Analytical results from the sample compliance period were received on February 23, 2006. Upon review of the results, corrective actions were developed regarding inspection and additional cleaning of the stripper trays and additional consultation with the air stripper manufacturer on March 1, 2006, regarding trouble-shooting issues with the unit. In addition, consultation was performed with the sequestering agent manufacturer to ensure proper use of the current water treatment chemicals. The results from those discussions concluded that the treatment system was being operated on a batch process and that the system should be operated on more of a continuous process basis. The continuous treatment process would keep the trays wet and not allow drying and buildup of residual calcium and iron from the influent on the trays. The amount of sequestering agent added to the influent stream was acceptable, but the REDUX representative was also in agreement with treatment system operations on a continuous basis. OMEI provided recommended treatment system changes on Monday, March 6, 2006. Another round of compliance samples are scheduled to be taken on Monday, March 13, 2006.
- Another round of compliance samples were taken on March 1, 2006. The results from this current round of sampling provided as Attachment B-2. The second round of analytical results indicate that the treated groundwater effluent from the March 1, 2006 sample time remained below the site specific Effluent Discharge Limitation Requirements for all compounds including PCE (2.0 ug/L). The system is back to normal compliance operations.
- Further treatment system operational corrective actions and evaluations will be performed in during the month of March 2006. These include evaluation in level controls for continuous system operations versus batch operations and sequestering product operation and review by the chemical manufacturing representative on Monday, March 27, 2006.
- Regarding the contaminant removal for February 2006, approximately 16.56 pounds of VOCs were removed from the influent groundwater based on calculations using the effluent discharge analytical results during the reporting period. A summary of the calculated pounds of VOC's by month and by date are located in Table 5. These values are calculated based on effluent totalizer readings and assumes that non-detect values given in the analytical data package = 0 µg/L and that the monthly samples are indicative of the influent characteristics and system performance for the entire reporting period.

If you have any questions regarding the February 2006 O&M report summary submitted, please call me a 716-684-8060.

Very Truly Yours,
Ecology and Environment Engineering, P. C.

Michael G. Steffan
Project Manager

cc: D. Szymanski, Region 9, NYSDEC - Buffalo w/ attachments
R. Becken, O&M Enterprises w/ attachments
D. Miller, E&E-Buffalo w/ attachments
CTF- 000699.NY06.05

Table 1
Mr. C's Dry Cleaners Site Remediation
Site #9-15-157
System Operational Time

Month	Reporting Hours	Operational Up-time
September 2002	576	100%
October 2002	744	99.33%
November 2002	720	93.41%
December 2002	744	80.65%
January 2003	744	59.15%
February 2003	672	63.39%
March 2003	744	82.39%
April 2003	720	100%
May 2003	744	100%
June 2003	720	90.00%
July 2003	744	100%
August 2003	744	100%
September 1-4, 2003	96	100%
October 22 -29, 2003	168	100%
October 29 - November 25, 2003	648	99%
November 25 - December 29, 2003	816	100%
December 29, 2003 – January 26, 2004	672	100%
January 26 – February 24, 2004	696	100%
February 24 – March 29, 2004	816	99.97%
March 29 – April 26, 2004	672	99.70%
April 26 – May 24, 2004	696	73.70%
May 24 – June 21, 2004	696	99.43%
June 22 – July 26, 2004	840	100%
July 27 – August 23, 2004	672	100%
August 23 - September 27, 2004	840	97.62%
September 27 - October 25, 2004	672	90.33%
October 25 - November 23, 2004	696	92.17%
November 23 - December 27, 2004	816	97.06%
December 27, 2004 - January 31, 2005	840	100%
January 31, 2005 - February 28, 2005	660	98.20%
February 28, 2005 - April 4, 2005	828	98.60%
April 4, 2005 - May 2, 2005	696	87.50%
May 2, 2005 - June 6, 2005	840	91.43%
June 6, 2005 - July 6, 2005	744	86.60%
July 6, 2005 - August 1, 2005	605.5	97.00%
August 1, 2005 - August 29, 2005	696	100.00%
August 29, 2005 - October 3, 2005	864	100.00%
October 3, 2005 - October 31, 2005	672	100.00%
October 31, 2005 - November 28, 2005	672	98.06%
November 28, 2005 - January 3, 2006	854	98.84%
January 3, 2006 - February 6, 2006	816	100.00%
February 6, 2006 - March 6, 2006	696	100.00%
Average Operational Up-time =		**94.61%**

NOTES:

1. Up-time based as percentage of total reporting hours
2. Treatment system operated by the Tyree Organization Ltd. from 9/02-9/03.
3. Treatment system operated by O&M Enterprises Inc. from 10/03 - present.

Table 2
Mr. C's Dry Cleaners Site Remediation
Site #9-15-157
Monthly Process Water Volumes

Month	Actual Period	Gallons
September 2002[1]	9/5/02 - 10/2/02	4,362,477
October 2002[1]	10/2/02 - 11/4/02	4,290,429
November 2002[1]	11/4/02 - 12/2/02	3,326,126
December 2002[1]	12/2/02 - 1/7/03	3,349,029
January 2003[1]	1/7/03 - 2/3/03	1,973,144
February 2003[1]	2/3/03 - 3/10/03	2,158,771
March 2003[1]	3/10/03 - 4/7/03	3,263,897
April 2003[1]	4/7/03 - 5/2/03	2,574,928
May 2003[1]	5/2/03 - 6/2/03	1,652,538
June 2003[1]	6/2/03 - 6/30/03	2,002,990
July 2003[1]	6/30/03 - 7/29/03	2,543,978
August 2003[1]	7/29/03 - 8/25/03	2,042,424
September 2003[1]	8/25/03 - 10/22/03	370,446
October 2003[2]	10/22/03 - 10/29/03	67,424
November 2003[2]	10/29/03 - 11/25/03	224,278
December 2003[2]	11/25/03 - 12/29/03	1,496,271
January 2004[2]	12/29/03 - 01/26/04	688,034
February 2004[2]	01/26/04 - 02/24/04	736,288
March 2004[2]	02/24/04 - 03/29/04	2,164,569
April 2004[2]	03/29/04 - 04/26/04	1,741,730
May 2004[2]	4/26/2004 - 5/24/2004	1,408,095
June 2004[2]	5/24/2004 - 6/21/2004	972,132
July 2004[2]	6/22/2004 - 7/26/2004	1,858,790
August 2004[2]	7/27/04 - 8/23/04	1,289,960
September 2004[2]	8/23/04 - 9/27/04	1,201,913
October 2004[2]	9/27/04 - 10/25/04	937,560
November 2004[2]	10/25/04 - 11/23/04	1,098,158
December 2004[2]	11/23/04 - 12/27/04	1,556,063
January 2005[2]	12/27/04 - 1/31/05	1,798,238
February 2005[2]	1/31/05 -2/28/05	1,271,562
March 2005[2]	2/28/05 - 4/4/05	1,295,692
April 2005[2]	4/4/05 - 5/2/05	1,652,510
May 2005[2]	5/2/05 - 6/6/05	1,423,099
June 2005[2]	6/6/05 - 7/6/05	877,988
July 2005[2]	7/6/05 - 8/1/05	1,283,302
August 2005[2]	8/1/05 - 8/29/05	1,443,195
September 2005[2]	8/29/05 - 10/3/05	1,591,248
October 2005[2]	10/3/05 - 10/31/05	1,204,074
November 2005[2]	10/31/05 - 11/28/05	1,038,170
December 2005[2]	11/28/05 - 1/3/06	1,182,854
January 2006[2]	1/3/06 - 2/6/06	1,401,821
February 2006[2]	2/6/06 - 3/6/06	1,785,570
	Total	**70,601,765**

NOTES:
1. System operated by Tyree Organization Ltd. From 9/02 - 9/03
2. System operated by O&M Enterprises from 10/03 - present

Table 4
Mr. C's Dry Cleaners Site Remediation
Site #9-15-157
Effluent Discharge Criteria & Analytical Compliance Results

Parameter/Analyte	Daily Maximum[1]	Units	February 6, 2006 Effluent Analytical Values - Compliance	March 1, 2006 Effluent Analytical Values - Compliance
Flow	216,000	gpd	61571 gpd [6]	61571 gpd [6]
pH	6.0 - 9.0	standard units	8.2	8.19
1,1 Dichloroethene	10	µg/L	ND (<1.0)	ND (<1.0)
1,2 Dichloroethane	10	µg/L	ND (<1.0)	ND (<1.0)
Trichloroethene	10	µg/L	1.8	ND (<1.0)
Tetrachloroethene	10	µg/L	85	2.0
Vinyl Chloride	10	µg/L	ND (<1.0)	ND (<1.0)
Benzene	5	µg/L	0.51 J	ND (<1.0)
Ethylbenzene	5	µg/L	ND (<1.0)	ND (<1.0)
Methylene Chloride	10	µg/L	ND (<1.0)	ND (<1.0)
1,1,1 Trichloroethane	10	µg/L	ND (<1.0)	ND (<1.0)
Toluene	5	µg/L	ND (<1.0)	ND (<1.0)
Methyl-t-Butyl Ether (MTBE)	NA	µg/L	ND (<1.0)	ND (<1.0)
o-Xylene[3]	5	µg/L	NA	NA
m, p-Xylene[3]	10	µg/L	NA	NA
Total Xylenes	NA	ug/L	ND (<3.0)	ND (<3.0)
Iron, total	600	µg/L	NA	NA
Aluminum	4,000	µg/L	NA	NA
Copper	48	µg/L	NA	NA
Lead	11	µg/L	NA	NA
Manganese	2,000	µg/L	NA	NA
Silver	100	µg/L	NA	NA
Vanadium	28	µg/L	NA	NA
Zinc	230	µg/L	NA	NA
Total Dissolved Solids	850	mg/L	NA	NA
Total Suspended Solids	20	mg/L	NA	NA
Hardness	N/A	mg/l	446	516
Cyanide, Free	10	µg/L	NA	NA

NOTES:

1. "Daily Maximum" excerpted from Attachment E of Addendum 1 to the Construction Contract Documents.
2. Analytical report did not differentiate between o-Xylene and m, p-Xylene. Total Xylene value reported is given in each line.
3. Shaded cells indicate that analytical value exceeds the "Daily Maximum"
4. "ND" indicates that the compound was not detected and lists the practical quantitation limit in parentheses.
5. "NA" indicates that analyses were not performed and data is unavailable.
6. Average flows based on effluent readings taken February 6, 2006 through March 6, 2006. Total gallons: 1,785,570 divided by 29 operating days.
7. "J" indicates an estimiated value below the detection limit.
8. "B" indicates analyte found in the associated blank.

15 **Indicates non-compliance with the NYSDEC effluent discharge requirements**

Table 3
Mr. C's Dry Cleaners Site Remediation
NYSDEC Site #9-15-157
February 2006 VOC Analytical Summary

Compound	February 6, 2006						March 1, 2006					
	Influent Concentration* (ug/L)		Effluent Concentration* (ug/L)		Cleanup Efficiency (%)		Influent Concentration* (ug/L)		Effluent Concentration* (ug/L)		Cleanup Efficiency (%)	
Acetone	ND (<100)		3.4 (<5.0)	J	NA		ND (<100)		3.1 (<5.0)	J	NA	
Benzene	ND (<20)		ND(<1.0)		NA		ND (<20)		ND(<1.0)		NA	
2-Butanone	ND (<100)		ND (<5.0)		NA		ND (<100)		ND (<5.0)		NA	
cis-1, 2-Dichloroeth	ND (<20)		ND(<1.0)		100%		10	J	ND(<1.0)		100%	
Methylene chloride	ND (<20)		ND(<1.0)		NA		18	J	ND(<1.0)		100%	
Methyl tert-butyl eth	12 (<20)	J	ND(<1.0)		100%		12 (<20)	J	ND(<1.0)		100%	
Tetrachloroethene	1400		85		93.93%		1400		2.0		99.86%	
Toluene	ND (<20)		ND(<1.0)		NA		ND (<20)		ND(<1.0)		NA	
Trichloroethene	40		1.8		95.50%		42		ND(<1.0)		100%	
Total Xylenes	ND (<60)		ND (<3.0)	J	NA		ND (<60)		ND (<3.0)		NA	
TOTAL (in ug/L) =	**1465.0**		**90.20**		**93.84%**		**1482.0**		**5.10**		**99.66%**	

Notes:
1. "NA" = Not applicable
2. "ND" = Non-detect and lists the detection limit in parentheses
3. "J" indicates an estimated value below the practical quantitation limit but above the method detection limit.
4. Non-detect values are assumed to be equal to zero for calculation of monthly average concentrations.
5. "D" = Compounds identified in analysis required secondary dilution factoring.

* (<50) - Detection Limit

Table 5
Mr. C's Dry Cleaners Site Remediation
Site #9-15-157
Monthly VOCs Removed From Groundwater

Month	Actual Period	Influent VOCs (µg/L)	Effluent VOCs (µg/L)	VOCs Removed (lbs.)
September 2002[6]	9/5/02 - 10/2/02	1297	1	47.2
October 2002[6]	10/2/02 - 11/4/02	2000	1	71.6
November 2002[6]	11/4/02 - 12/2/02	1685	0	46.8
December 2002[6]	12/2/02 - 1/7/03	1586	9	44.1
January 2003[6]	1/7/03 - 2/3/03	1803	10	29.5
February 2003[6]	2/3/03 - 3/10/03	1985	3	35.7
March 2003[6]	3/10/03 - 4/7/03	1990	5	54.1
April 2003[6]	4/7/03 - 5/2/03	1656	3	35.5
May 2003[6]	5/2/03 - 6/2/03	1623	7	22.3
June 2003[6]	6/2/03 - 6/30/03	5787	6	96.6
July 2003[6]	6/30/03 - 7/29/03	1356	1	28.8
August 2003[6]	7/29/03 - 8/25/03	1263	3	21.5
September 2003[6]	8/25/03 - 10/22/03	1263	3	3.9
October 2003[7]	10/22/03 - 10/29/03	1693.69	1.47	1.0
November 2003[7]	10/29/03 - 11/25/03	2510.83	4.4	4.7
December 2003[7]	11/25/03 - 12/29/03	503.3	10.5	6.2
January 2004[7]	12/29/03 - 01/26/04	3667	15.8	21.0
February 2004[7]	01/26/04 - 02/24/04	3348.6	26.7	20.4
March 2004[7]	02/24/04 - 03/29/04	1939.3	4.96	34.9
April 2004[7]	03/29/04 - 04/26/04	2255	0.0	32.8
May 2004[7]	4/26/2004 - 5/24/2004	2641	13.3	30.9
June 2004[7]	5/24/2004 - 6/21/2004	1454	1.7	22.5
July 2004[7]	6/22/2004 - 7/26/2004	1313	3.6	20.3
August 2004[7]	7/27/04 - 8/23/04	2305	7.4	24.7
September 2004[7]	8/23/04 - 9/27/04	1453	6.7	14.5
October 2004[7]	9/27/04 - 10/25/04	1504	14.3	11.7
November 2004[7]	10/25/04- 11/23/04	1480	36.42	13.2
December 2004[7, 8]	11/23/04 - 12/27/04	1562	132.21	18.6
January 2005[7]	12/27/04 - 1/31/05	1264	47.5	18.3
February 2005[9]	1/31/05 - 2/28/05	1538	53.2	15.8
March 2005[9]	2/28/05 - 4/4/05	931	56.0	9.5
April 2005[9]	4/4/05 - 5/2/05	1269	111.7	15.96
May 2005[9]	5/2/05 - 6/6/05	1431	319.0	13.20
June 2005[9]	6/6/05 - 7/6/05	1126	12	8.16
July 2005[9]	7/6/05 - 8/1/05	1575	5.90	16.80
August 2005[9]	8/1/05 - 8/29/05	1359	51.26	15.70
September 2005[9]	8/29/05 - 10/3/05	1239	0.47	16.50
October 2005[9]	10/3/05 - 10/31/05	1454	0.81	14.60
November 2005[9]	10/31/05 - 11/28/05	2266	6.80	19.50
December 2005	11/28/05 - 1/3/06	1166	1.30	11.50
January 2006	1/3/06 -2/6/06	1679	11.87	13.62
February 2006	2/6/06 - 3/6/06	1482	5.10	22.01
	Total pounds of VOCs removed from inception =			**1025.77**

NOTES:
1. Calculations are based on monthly water samples and assumes samples are representative of the entire reporting period.
2. Calculations assume that non-detect values = 0 ug/L.
3. Total VOCs summations include estimated "J" values.
4. Calculations are based on effluent totalizer readings.
5. "Influent VOCs" and "Effluent VOCs" values given above is the summation of values for individual compounds given in monthly analytical reports.
6. No samples were collected in September 2003. August 2003 values are used.
7. Treatment system operated by Tyree Organization, Ltd. from 9/02 to 9/03.
8. Treatment system operated by O&M Enterprises from 10/03 to present.

CONVERSIONS:
1 pound = 453.5924 grams
1 gallon = 3.785 liters

Based on the Analytical Results from March 1, 2006:
Pounds of VOCs removed calculated by the following formula:
(1482 ug/L-5.10ug/L)(1g/10^6 ug)*(1 lb/453.5924 g)*1,785,570 gallons*(3.785 L/gallon) – 22.01 lbs*

where 1,785,570 gallons is the monthly process water volume.

Attachment A
OMEI Weekly Inspection Reports
February 2006

Including:

2/6/06

2/13/06

2/20/06

2/27/06

3/6/06

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form

Date/Time 2/6/2006 8:00

Inspection personnel R C Becken

Other personnel on site

Weather Conditions snowing 25 degrees

Are all well pumps operating in auto? (YES) NO
If "NO", provide explanation

Provide water level readings on control panel

RW-1	(ON)	OFF	5	ft
PW-2	ON	(OFF)	7	ft
PW-3	ON	(OFF)	7	ft
PW-4	ON	(OFF)	7	ft
PW-5	(ON)	OFF	8	ft
PW-6	ON	(OFF)	7	ft
PW-7	(ON)	OFF	8	ft
PW-8	(ON)	OFF	6	ft
	Equalization tank		4	ft

Influent Flow Rate 47.26 gpm

Influent Totalizer Reading 5192248 gallons

Sequestering agent drum level ~5" in.

Amount of sequestering agent remaining ~7 gallons

Sequestering agent feed rate 5 ml/min.

Sequestering agent metering Pump Pressure 1 psi

Bag filter top pressure 7 15 psi

Bag filter bottom pressure 0 0 psi

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form

Influent feed pump in use (#1) #2

Influent Pump Pressure 7 psi

Air stripper blower in use (#1) #2

Air stripper differential pressure 2.5 inches H_2O

Air stripper Pressure 20 inches H_2O

Effluent feed pump in use (#1) #2

Effluent feed pump pressure 7 psi

Effluent flow rate 85.6 gpm

Effluent Totalizer reading 20739404 gallons

Are building heaters in use? (YES) NO

Ambient air temperature 49.9 degrees F

Are any leaks present? YES (NO)

Is sump pump in use? YES (NO)

Water level in sump 4

Is treatment building clean and organized? (YES) NO

Samples collected? YES NO

	Sample ID	Time of Sampling	pH	Turbidity	Temp.
Air stripper influent		10:30	7.31	13.19	53.6
Air stripper effluent		10:40	8.12	8.07	52.8
GAC influent			NA	NA	
GAC effluent			NA	NA	

Is there evidence of tampering/vandalism of wells?	YES	(NO)
Were manholes inspected?	(YES)	NO
Were electrical boxes inspected?	YES	(NO)
Is water present in any manholes or electrical boxes?	(YES)	NO

(If yes, provide manhole/electric box ID and description of any corrective measures on the following page.)

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form

Other observations:

Agway

vacuum 13"
air pressur re 100 psi

Bank 1
SP-1 1 scfm SP-2 3 scfm SP-3 3 scfm SP-4 0 sc scfm

SP-5 0 scfm SP-6 4 scfm SP-7 0scfm SP-8 0 scfm

Describe any other system maintenance performed

Changed filters, started new drum of Redox 380.

Signature Richard C Beeth

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
Piezometer Water Level Log

Date 2/6/2006 Measurements taken by RC Becken

RW-1	22.01 ft	Comments	
PZ-1A	11.34 ft	Comments	
PZ-1B	10.7 ft	Comments	
PZ-1C	12.09 ft	Comments	
PZ-1D	12.21 ft	Comments	
PW-2	21.4 ft	Comments	
PZ-2A	10.83 ft	Comments	
PZ-2B	11.15 ft	Comments	
PZ-2C	10.66 ft	Comments	
PZ-2D	ft	Comments	
PW-3	20.1 ft	Comments	
PZ-3A	11.28 ft	Comments	
PZ-3B	11.31 ft	Comments	
PZ-3C	11.85 ft	Comments	
PZ-3D	11.34 ft	Comments	
PW-4	24.32 ft	Comments	
PZ-4A	11.31 ft	Comments	
PZ-4B	10.82 ft	Comments	
PZ-4C	11.01 ft	Comments	
PZ-4D	10.31 ft	Comments	

RW-1 pump on during measurements?	(YES)	NO
PW-2 pump on during measurements?	YES	(NO)
PW-3 pump on during measurements?	YES	(NO)
PW-4 pump on during measurements?	YES	(NO)

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
Piezometer Water Level Log

Date 2/6/2006 Measurements taken by RC Becken

PW-5	19.27 ft	Comments	
PZ-5A	10.6 ft	Comments	
PZ-5B	10.59 ft	Comments	
PZ-5C	10.19 ft	Comments	
PZ-5D	10.97 ft	Comments	
PW-6	19.56 ft	Comments	
PZ-6A	11.34 ft	Comments	
PZ-6B	11.18 ft	Comments	
PZ-6C	11.47 ft	Comments	
PZ-6D	11.1 ft	Comments	
PW-7	19.8 ft	Comments	
PZ-7A	11.14 ft	Comments	
PZ-7B	11.6 ft	Comments	
PZ-7C	10.8 ft	Comments	
PZ-7D	11.08 ft	Comments	
PW-8	21.01 ft	Comments	
PZ-8A	7.91 ft	Comments	
PZ-8B	7.85 ft	Comments	
PZ-8C	7.45 ft	Comments	
PZ-8D	7.74 ft	Comments	

PW-5 pump on during measurements?	YES	(NO)
PW-6 pump on during measurements?	(YES)	NO
PW-7 pump on during measurements?	YES	(NO)
PW-8 pump on during measurements?	(YES)	NO

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form

Date/Time 2/13/2006 9:20

Inspection personnel R C Becken

Other personnel on site

Weather Conditions overcast 27 degrees

Are all well pumps operating in auto? (YES) NO
If "NO", provide explanation

Provide water level readings on control panel

RW-1	(ON)	OFF	6	ft
PW-2	ON	(OFF)	6	ft
PW-3	ON	(OFF)	5	ft
PW-4	ON	(OFF)	5	ft
PW-5	(ON)	OFF	8	ft
PW-6	ON	(OFF)	7	ft
PW-7	(ON)	OFF	7	ft
PW-8	ON	(OFF)	6	ft
	Equalization tank		4	ft

Influent Flow Rate 59.19 gpm

Influent Totalizer Reading 5694284 gallons

Sequestering agent drum level ~24 in.

Amount of sequestering agent remaining ~45 gallons

Sequestering agent feed rate 5 ml/min.

Sequestering agent metering Pump Pressure 1 psi

Bag filter top pressure 0 12 psi

Bag filter bottom pressure 0 0 psi

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form

Influent feed pump in use (#1) #2

Influent Pump Pressure 7 psi

Air stripper blower in use (#1) #2

Air stripper differential pressure 2 inches H_2O

Air stripper Pressure 23 inches H_2O

Effluent feed pump in use (#1) #2

Effluent feed pump pressure 7 psi

Effluent flow rate 86.3 gpm

Effluent Totalizer reading 210335879 gallons

Are building heaters in use? (YES) NO

Ambient air temperature 50.2 degrees F

Are any leaks present? YES (NO)

Is sump pump in use? YES (NO)

Water level in sump 4

Is treatment building clean and organized? (YES) NO

Samples collected? YES (NO)

	Sample ID	Time of Sampling	pH	Turbidity	Temp.
Air stripper influent					
Air stripper effluent					
GAC influent			NA	NA	
GAC effluent			NA	NA	

Is there evidence of tampering/vandalism of wells?	YES	(NO)
Were manholes inspected?	(YES)	NO
Were electrical boxes inspected?	YES	(NO)
Is water present in any manholes or electrical boxes?	(YES)	NO

(If yes, provide manhole/electric box ID and description of any corrective measures on the following page.)

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form

Other observations:

Agway

vacuum 13"
air pressur re 120 psi

Bank 1
SP-1 1 scfm SP-2 3 scfm SP-3 3 scfm SP-4 0 sc scfm

SP-5 0 scfm SP-6 4 scfm SP-7 0scfm SP-8 0 scfm

Describe any other system maintenance performed

Greased all pumps and motors

Signature

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form

Date/Time 2/20/2006 9:00

Inspection personnel R C Becken

Other personnel on site

Weather Conditions overcast 20 light snow

Are all well pumps operating in auto? (YES) NO
If "NO", provide explanation

Provide water level readings on control panel

RW-1	ON	(OFF)	5	ft
PW-2	ON	(OFF)	5	ft
PW-3	(ON)	OFF	3	ft
PW-4	(ON)	OFF	3	ft
PW-5	(ON)	OFF	7	ft
PW-6	ON	(OFF)	6	ft
PW-7	(ON)	OFF	6	ft
PW-8	ON	(OFF)	7	ft
	Equalization tank		4	ft

Influent Flow Rate 44.7 gpm

Influent Totalizer Reading 6168690 gallons

Sequestering agent drum level ~24 in.

Amount of sequestering agent remaining ~45 gallons

Sequestering agent feed rate 5 ml/min.

Sequestering agent metering Pump Pressure 1 psi

Bag filter top pressure 12 20 psi

Bag filter bottom pressure 0 0 psi

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form

Influent feed pump in use (#1) #2

Influent Pump Pressure 7 psi

Air stripper blower in use (#1) #2

Air stripper differential pressure 3 inches H_2O

Air stripper Pressure 24 inches H_2O

Effluent feed pump in use (#1) #2

Effluent feed pump pressure 5.5 psi

Effluent flow rate 85.6 gpm

Effluent Totalizer reading 21317269 gallons

Are building heaters in use? (YES) NO

Ambient air temperature 50.7 degrees F

Are any leaks present? YES (NO)

Is sump pump in use? YES (NO)

Water level in sump 4

Is treatment building clean and organized? (YES) NO

Samples collected? YES (NO)

	Sample ID	Time of Sampling	pH	Turbidity	Temp.
Air stripper influent					
Air stripper effluent					
GAC influent			NA	NA	
GAC effluent			NA	NA	

Is there evidence of tampering/vandalism of wells?	YES	(NO)
Were manholes inspected?	(YES)	NO
Were electrical boxes inspected?	YES	(NO)
Is water present in any manholes or electrical boxes?	(YES)	NO

(If yes, provide manhole/electric box ID and description of any corrective measures on the following page.)

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form

Other observations:

Agway

vacuum 12"
air pressur re 110 psi

Bank 1
SP-1 0 scfm SP-2 3 scfm SP-3 3 scfm SP-4 0 sc scfm

SP-5 0 scfm SP-6 .4 scfm SP-7 0scfm SP-8 0 scfm

Describe any other system maintenance performed

Changed filters afterwhich the influent flow increased to 82 .75

Signature Richard C Becker

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form

Date/Time 2/27/2006 9:20

Inspection personnel R C Becken

Other personnel on site

Weather Conditions overcast 17 light snow

Are all well pumps operating in auto? (YES) NO
If "NO", provide explanation

Provide water level readings on control panel

RW-1	(ON)	OFF	8	ft
PW-2	ON	(OFF)	7	ft
PW-3	ON	(OFF)	5	ft
PW-4	ON	(OFF)	7	ft
PW-5	(ON)	OFF	8	ft
PW-6	(ON)	OFF	3	ft
PW-7	(ON)	OFF	8	ft
PW-8	(ON)	OFF	4	ft
	Equalization tank		4	ft

Influent Flow Rate 43.25 gpm

Influent Totalizer Reading 6648132 gallons

Sequestering agent drum level ~15 in.

Amount of sequestering agent remaining ~23 gallons

Sequestering agent feed rate 5 ml/min.

Sequestering agent metering Pump Pressure 1 psi

Bag filter top pressure 20 20 psi

Bag filter bottom pressure 0 0 psi

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form

Influent feed pump in use (#1) #2

Influent Pump Pressure 7 psi

Air stripper blower in use (#1) #2

Air stripper differential pressure 3 inches H_2O

Air stripper Pressure 23 inches H_2O

Effluent feed pump in use (#1) #2

Effluent feed pump pressure 6 psi

Effluent flow rate 84.2 gpm

Effluent Totalizer reading 21602691 gallons

Are building heaters in use? (YES) NO

Ambient air temperature 48.4 degrees F

Are any leaks present? YES (NO)

Is sump pump in use? YES (NO)

Water level in sump 4

Is treatment building clean and organized? (YES) NO

Samples collected? YES (NO)

	Sample ID	Time of Sampling	pH	Turbidity	Temp.
Air stripper influent					
Air stripper effluent					
GAC influent			NA	NA	
GAC effluent			NA	NA	

Is there evidence of tampering/vandalism of wells?	YES	(NO)
Were manholes inspected?	(YES)	NO
Were electrical boxes inspected?	YES	(NO)
Is water present in any manholes or electrical boxes?	(YES)	NO

(If yes, provide manhole/electric box ID and description of any corrective measures on the following page.)

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form

Other observations:

Agway

vacuum 14
air pressur re 85 psi

Bank 1
SP-1 0 scfm SP-2 3 scfm SP-3 3 scfm SP-4 0 sc scfm

SP-5 0 scfm SP-6 4 scfm SP-7 0scfm SP-8 0 scfm

Describe any other system maintenance performed

Changed filters afterwhich the influent flow increase d to 77.34

Pressure washed stripper trays

Signature

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form

Date/Time 3/6/2006 8:45

Inspection personnel R C Becken

Other personnel on site

Weather Conditions overcast 24 degrees

Are all well pumps operating in auto? (YES) NO
If "NO", provide explanation

Provide water level readings on control panel

RW-1	(ON)	OFF	6	ft
PW-2	ON	(OFF)	7	ft
PW-3	ON	(OFF)	6	ft
PW-4	(ON)	OFF	3	ft
PW-5	(ON)	OFF	8	ft
PW-6	ON	(OFF)	7	ft
PW-7	(ON)	OFF	7	ft
PW-8	(ON)	OFF	6	ft
	Equalization tank		4	ft

Influent Flow Rate 50.15 gpm

Influent Totalizer Reading 7119084 gallons

Sequestering agent drum level ~3 in.

Amount of sequestering agent remaining ~5 gallons

Sequestering agent feed rate 5 ml/min.

Sequestering agent metering Pump Pressure 1 psi

Bag filter top pressure 5 5 psi

Bag filter bottom pressure 0 0 psi

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form

Influent feed pump in use #1 (#2)

Influent Pump Pressure 4 psi

Air stripper blower in use #1 (#2)

Air stripper differential pressure 4.5 inches H_2O

Air stripper Pressure 26 inches H_2O

Effluent feed pump in use #1 (#2)

Effluent feed pump pressure 7 psi

Effluent flow rate 81.7 gpm

Effluent Totalizer reading 2188370 gallons

Are building heaters in use? (YES) NO

Ambient air temperature 52.1 degrees F

Are any leaks present? YES (NO)

Is sump pump in use? YES (NO)

Water level in sump 4

Is treatment building clean and organized? (YES) NO

Samples collected? YES (NO)

	Sample ID	Time of Sampling	pH	Turbidity	Temp.
Air stripper influent					
Air stripper effluent					
GAC influent			NA	NA	
GAC effluent			NA	NA	

Is there evidence of tampering/vandalism of wells?	YES	(NO)
Were manholes inspected?	(YES)	NO
Were electrical boxes inspected?	YES	(NO)
Is water present in any manholes or electrical boxes?	(YES)	NO

(If yes, provide manhole/electric box ID and description of any corrective measures on the following page.)

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form

Other observations:

Agway

vacuum 15
air pressur re 105 psi

Bank 1
SP-1 0 scfm SP-2 3 scfm SI P-3 4 scfm SP-4 4 scfm

SP-5 0 scfm SP-6 4 scfm SP-7 0scfm SP-8 0 scfm

Describe any other system maintenance performed

Changed filters afterwhich the influent flow increase d to 70.56

Slowed water flow from influent feed pump so that there is a continueous flow of water entering the stripper tray instead of batch treating of the water. Received two drums of Redox 380.

Signature

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
Piezometer Water Level Log

Date 3/6/2006 Measurements taken by RC Becken

RW-1	22.9	ft	Comments	
PZ-1A	11.7	ft	Comments	
PZ-1B	11.36	ft	Comments	
PZ-1C	12.53	ft	Comments	
PZ-1D	12.66	ft	Comments	
PW-2	23.1	ft	Comments	
PZ-2A	11.11	ft	Comments	
PZ-2B		ft	Comments	could not find well
PZ-2C	10.86	ft	Comments	
PZ-2D		ft	Comments	
PW-3	19.05	ft	Comments	
PZ-3A	11.69	ft	Comments	
PZ-3B	11.71	ft	Comments	
PZ-3C	12.24	ft	Comments	
PZ-3D		ft	Comments	could not find well
PW-4	24.92	ft	Comments	
PZ-4A	11.74	ft	Comments	
PZ-4B	11.21	ft	Comments	
PZ-4C	11.43	ft	Comments	
PZ-4D	10.72	ft	Comments	

RW-1 pump on during measurements?	(YES)	NO
PW-2 pump on during measurements?	YES	(NO)
PW-3 pump on during measurements?	(YES)	NO
PW-4 pump on during measurements?	YES	(NO)

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
Piezometer Water Level Log

Date 3/6/2006 Measurements taken by RC Becken

PW-5	20.51	ft	Comments	
PZ-5A	11.03	ft	Comments	
PZ-5B	11.1	ft	Comments	
PZ-5C		ft	Comments	could not find well
PZ-5D		ft	Comments	could not find well
PW-6	19.1	ft	Comments	
PZ-6A		ft	Comments	could not find well
PZ-6B	11.7	ft	Comments	
PZ-6C		ft	Comments	could not find well
PZ-6D	11.61	ft	Comments	
PW-7	20.4	ft	Comments	
OW-C	11.65	ft	Comments	
PZ-7B	12.14	ft	Comments	
MPI-6S	11.3	ft	Comments	
PZ-7D	11.56	ft	Comments	
PW-8	21.47	ft	Comments	
PZ-8A	8.45	ft	Comments	
PZ-8B	8.4	ft	Comments	
PZ-8C	7	ft	Comments	
PZ-8D	8.04	ft	Comments	

PW-5 pump on during measurements? YES (NO)
PW-6 pump on during measurements? (YES) NO
PW-7 pump on during measurements? (YES) NO
PW-8 pump on during measurements? YES (NO)

Attachment B-1
Analytical Report from
Severn-Trent Laboratory
Analytical Data Package #A06-0307
Sampled: February 6, 2006

SEVERN TRENT STL

STL Buffalo
10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

ANALYTICAL REPORT

Job#: A06-1343

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby
Task: Mr. C's Site-000699.NY06

Mr. Mike Steffan
Ecology and Environment
368 Pleasant View Drive
Lancaster, NY 14086

STL Buffalo

Tony Bogolin
Anthony E. Bogolin
Project Manager

02/21/2006

STL Buffalo
Current Certifications

As of 12/28/2005

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USACE	USACE	
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C254
West Virginia	CWA,RCRA	252
Wisconsin	CWA	998310390

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6134301	Effluent	WATER	02/06/2006	10:40	02/06/2006	11:15
A6134302	Influent	WATER	02/06/2006	10:30	02/06/2006	11:15
A6134303	TRIP BLANK	WATER	02/06/2006		02/06/2006	11:15

METHODS SUMMARY

Job#: A06-1343

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby

PARAMETER	ANALYTICAL METHOD
METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
pH	MCAWW 150.1
Total Hardness	MCAWW 130.2

MCAWW "Methods for Chemical Analysis of Water and Wastes",EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A06-1343

SIL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A06-1343
Sample Cooler(s) were received at the following temperature(s); 3.0 °C
All samples were received in good condition.

GC/MS Volatile Data

No deviations from protocol were encountered during the analytical procedures.

Wet Chemistry Data

The recovery of sample Influent Matrix Spike exhibited results below the quality control limits for Total Hardness as CaCO3. However, the LCS was acceptable.

****

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
Influent	A6134302	8260	20.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

SEVERN TRENT STL

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample ID: Effluent
Lab Sample ID: A6134301
Date Collected: 02/06/2006
Time Collected: 10:40

Date Received: 02/06/2006
Project No: NY5A9393.3
Client No: 397714
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
1,1,2,2-Tetrachloroethane	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
1,1,2-Trichloroethane	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
1,1-Dichloroethane	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
1,1-Dichloroethene	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
1,2,4-Trichlorobenzene	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
1,2-Dibromo-3-chloropropane	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
1,2-Dibromoethane	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
1,2-Dichlorobenzene	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
1,2-Dichloroethane	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
1,2-Dichloropropane	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
1,3-Dichlorobenzene	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
1,4-Dichlorobenzene	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
2-Butanone	ND		5.0	UG/L	8260	02/07/2006 00:27	TLC
2-Hexanone	ND		5.0	UG/L	8260	02/07/2006 00:27	TLC
4-Methyl-2-pentanone	ND		5.0	UG/L	8260	02/07/2006 00:27	TLC
Acetone	3.4	J	5.0	UG/L	8260	02/07/2006 00:27	TLC
Benzene	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
Bromodichloromethane	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
Bromoform	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
Bromomethane	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
Carbon Disulfide	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
Carbon Tetrachloride	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
Chlorobenzene	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
Chloroethane	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
Chloroform	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
Chloromethane	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
cis-1,2-Dichloroethene	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
cis-1,3-Dichloropropene	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
Cyclohexane	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
Dibromochloromethane	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
Dichlorodifluoromethane	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
Ethylbenzene	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
Isopropylbenzene	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
Methyl acetate	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
Methyl-t-Butyl Ether (MTBE)	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
Methylcyclohexane	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
Methylene chloride	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
Styrene	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
Tetrachloroethene	85		1.0	UG/L	8260	02/07/2006 00:27	TLC
Toluene	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
Total Xylenes	ND		3.0	UG/L	8260	02/07/2006 00:27	TLC
trans-1,2-Dichloroethene	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
trans-1,3-Dichloropropene	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
Trichloroethene	1.8		1.0	UG/L	8260	02/07/2006 00:27	TLC
Trichlorofluoromethane	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC
Vinyl chloride	ND		1.0	UG/L	8260	02/07/2006 00:27	TLC

Sample ID: Effluent
Lab Sample ID: A6134301
Date Collected: 02/06/2006
Time Collected: 10:40

Date Received: 02/06/2006
Project No: NY5A9393.3
Client No: 397714
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Wet Chemistry Analysis							
pH	8.20		0.500	S.U.	150.1	02/07/2006 09:55	LRM
Total Hardness	446		2.0	MG/L	130.2	02/07/2006 11:54	LRM

Sample ID: Influent
Lab Sample ID: A6134302
Date Collected: 02/06/2006
Time Collected: 10:30

Date Received: 02/06/2006
Project No: NY5A9393.3
Client No: 397714
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		20	UG/L	8260	02/07/2006 00:03	TLC
1,1,2,2-Tetrachloroethane	ND		20	UG/L	8260	02/07/2006 00:03	TLC
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	UG/L	8260	02/07/2006 00:03	TLC
1,1,2-Trichloroethane	ND		20	UG/L	8260	02/07/2006 00:03	TLC
1,1-Dichloroethane	ND		20	UG/L	8260	02/07/2006 00:03	TLC
1,1-Dichloroethene	ND		20	UG/L	8260	02/07/2006 00:03	TLC
1,2,4-Trichlorobenzene	ND		20	UG/L	8260	02/07/2006 00:03	TLC
1,2-Dibromo-3-chloropropane	ND		20	UG/L	8260	02/07/2006 00:03	TLC
1,2-Dibromoethane	ND		20	UG/L	8260	02/07/2006 00:03	TLC
1,2-Dichlorobenzene	ND		20	UG/L	8260	02/07/2006 00:03	TLC
1,2-Dichloroethane	ND		20	UG/L	8260	02/07/2006 00:03	TLC
1,2-Dichloropropane	ND		20	UG/L	8260	02/07/2006 00:03	TLC
1,3-Dichlorobenzene	ND		20	UG/L	8260	02/07/2006 00:03	TLC
1,4-Dichlorobenzene	ND		20	UG/L	8260	02/07/2006 00:03	TLC
2-Butanone	ND		100	UG/L	8260	02/07/2006 00:03	TLC
2-Hexanone	ND		100	UG/L	8260	02/07/2006 00:03	TLC
4-Methyl-2-pentanone	ND		100	UG/L	8260	02/07/2006 00:03	TLC
Acetone	ND		100	UG/L	8260	02/07/2006 00:03	TLC
Benzene	ND		20	UG/L	8260	02/07/2006 00:03	TLC
Bromodichloromethane	ND		20	UG/L	8260	02/07/2006 00:03	TLC
Bromoform	ND		20	UG/L	8260	02/07/2006 00:03	TLC
Bromomethane	ND		20	UG/L	8260	02/07/2006 00:03	TLC
Carbon Disulfide	ND		20	UG/L	8260	02/07/2006 00:03	TLC
Carbon Tetrachloride	ND		20	UG/L	8260	02/07/2006 00:03	TLC
Chlorobenzene	ND		20	UG/L	8260	02/07/2006 00:03	TLC
Chloroethane	ND		20	UG/L	8260	02/07/2006 00:03	TLC
Chloroform	ND		20	UG/L	8260	02/07/2006 00:03	TLC
Chloromethane	ND		20	UG/L	8260	02/07/2006 00:03	TLC
cis-1,2-Dichloroethene	ND		20	UG/L	8260	02/07/2006 00:03	TLC
cis-1,3-Dichloropropene	ND		20	UG/L	8260	02/07/2006 00:03	TLC
Cyclohexane	ND		20	UG/L	8260	02/07/2006 00:03	TLC
Dibromochloromethane	ND		20	UG/L	8260	02/07/2006 00:03	TLC
Dichlorodifluoromethane	ND		20	UG/L	8260	02/07/2006 00:03	TLC
Ethylbenzene	ND		20	UG/L	8260	02/07/2006 00:03	TLC
Isopropylbenzene	ND		20	UG/L	8260	02/07/2006 00:03	TLC
Methyl acetate	ND		20	UG/L	8260	02/07/2006 00:03	TLC
Methyl-t-Butyl Ether (MTBE)	12	J	20	UG/L	8260	02/07/2006 00:03	TLC
Methylcyclohexane	ND		20	UG/L	8260	02/07/2006 00:03	TLC
Methylene chloride	ND		20	UG/L	8260	02/07/2006 00:03	TLC
Styrene	ND		20	UG/L	8260	02/07/2006 00:03	TLC
Tetrachloroethene	1400		20	UG/L	8260	02/07/2006 00:03	TLC
Toluene	ND		20	UG/L	8260	02/07/2006 00:03	TLC
Total Xylenes	ND		60	UG/L	8260	02/07/2006 00:03	TLC
trans-1,2-Dichloroethene	ND		20	UG/L	8260	02/07/2006 00:03	TLC
trans-1,3-Dichloropropene	ND		20	UG/L	8260	02/07/2006 00:03	TLC
Trichloroethene	40		20	UG/L	8260	02/07/2006 00:03	TLC
Trichlorofluoromethane	ND		20	UG/L	8260	02/07/2006 00:03	TLC
Vinyl chloride	ND		20	UG/L	8260	02/07/2006 00:03	TLC

Sample ID: Influent
Lab Sample ID: A6134302
Date Collected: 02/06/2006
Time Collected: 10:30

Date Received: 02/06/2006
Project No: NY5A9393.3
Client No: 397714
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Wet Chemistry Analysis							
pH	7.58		0.500	S.U.	150.1	02/07/2006 09:55	LRM
Total Hardness	446		2.0	MG/L	130.2	02/07/2006 11:54	LRM

Sample ID: TRIP BLANK
Lab Sample ID: A6134303
Date Collected: 02/06/2006
Time Collected: :

Date Received: 02/06/2006
Project No: NY5A9393.3
Client No: 397714
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
1,1,2,2-Tetrachloroethane	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
1,1,2-Trichloroethane	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
1,1-Dichloroethane	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
1,1-Dichloroethene	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
1,2,4-Trichlorobenzene	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
1,2-Dibromo-3-chloropropane	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
1,2-Dibromoethane	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
1,2-Dichlorobenzene	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
1,2-Dichloroethane	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
1,2-Dichloropropane	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
1,3-Dichlorobenzene	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
1,4-Dichlorobenzene	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
2-Butanone	ND		5.0	UG/L	8260	02/06/2006 23:38	TLC
2-Hexanone	ND		5.0	UG/L	8260	02/06/2006 23:38	TLC
4-Methyl-2-pentanone	ND		5.0	UG/L	8260	02/06/2006 23:38	TLC
Acetone	ND		5.0	UG/L	8260	02/06/2006 23:38	TLC
Benzene	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
Bromodichloromethane	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
Bromoform	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
Bromomethane	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
Carbon Disulfide	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
Carbon Tetrachloride	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
Chlorobenzene	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
Chloroethane	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
Chloroform	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
Chloromethane	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
cis-1,2-Dichloroethene	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
cis-1,3-Dichloropropene	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
Cyclohexane	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
Dibromochloromethane	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
Dichlorodifluoromethane	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
Ethylbenzene	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
Isopropylbenzene	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
Methyl acetate	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
Methyl-t-Butyl Ether (MTBE)	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
Methylcyclohexane	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
Methylene chloride	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
Styrene	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
Tetrachloroethene	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
Toluene	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
Total Xylenes	ND		3.0	UG/L	8260	02/06/2006 23:38	TLC
trans-1,2-Dichloroethene	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
trans-1,3-Dichloropropene	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
Trichloroethene	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
Trichlorofluoromethane	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC
Vinyl chloride	ND		1.0	UG/L	8260	02/06/2006 23:38	TLC

Attachment B-2
Analytical Report from
Severn-Trent Laboratory
Analytical Data Package #A06-2233
Sampled: March 1, 2006

SEVERN TRENT STL

STL Buffalo
10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

ANALYTICAL REPORT

Job#: A06-2233

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby
Task: Mr. C's Site-000699.NY06

Mr. Mike Steffan
Ecology and Environment
368 Pleasant View Drive
Lancaster, NY 14086

STL Buffalo

Anthony E. Bogolin
Project Manager

03/06/2006

STL Buffalo
Current Certifications

As of 12/28/2005

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USACE	USACE	
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C254
West Virginia	CWA,RCRA	252
Wisconsin	CWA	998310390

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6223301	Effluent	WATER	03/01/2006	09:15	03/02/2006	08:20
A6223302	Influent	WATER	03/01/2006	09:00	03/02/2006	08:20

METHODS SUMMARY

Job#: A06-2233

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby

PARAMETER	ANALYTICAL METHOD
METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
pH	MCAWW 150.1
Total Hardness	MCAWW 130.2

MCAWW "Methods for Chemical Analysis of Water and Wastes",EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A06-2233

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A06-2233
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

No deviations from protocol were encountered during the analytical procedures.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

****

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
Influent	A6223302	8260	20.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

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DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample ID: Effluent
Lab Sample ID: A6223301
Date Collected: 03/01/2006
Time Collected: 09:15

Date Received: 03/02/2006
Project No: NY5A9393.3
Client No: 397714
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
1,1,2,2-Tetrachloroethane	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
1,1,2-Trichloroethane	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
1,1-Dichloroethane	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
1,1-Dichloroethene	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
1,2,4-Trichlorobenzene	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
1,2-Dibromo-3-chloropropane	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
1,2-Dibromoethane	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
1,2-Dichlorobenzene	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
1,2-Dichloroethane	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
1,2-Dichloropropane	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
1,3-Dichlorobenzene	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
1,4-Dichlorobenzene	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
2-Butanone	ND		5.0	UG/L	8260	03/03/2006 01:47	JLG
2-Hexanone	ND		5.0	UG/L	8260	03/03/2006 01:47	JLG
4-Methyl-2-pentanone	ND		5.0	UG/L	8260	03/03/2006 01:47	JLG
Acetone	3.1	J	5.0	UG/L	8260	03/03/2006 01:47	JLG
Benzene	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
Bromodichloromethane	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
Bromoform	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
Bromomethane	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
Carbon Disulfide	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
Carbon Tetrachloride	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
Chlorobenzene	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
Chloroethane	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
Chloroform	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
Chloromethane	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
cis-1,2-Dichloroethene	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
cis-1,3-Dichloropropene	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
Cyclohexane	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
Dibromochloromethane	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
Dichlorodifluoromethane	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
Ethylbenzene	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
Isopropylbenzene	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
Methyl acetate	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
Methyl-t-Butyl Ether (MTBE)	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
Methylcyclohexane	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
Methylene chloride	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
Styrene	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
Tetrachloroethene	2.0		1.0	UG/L	8260	03/03/2006 01:47	JLG
Toluene	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
Total Xylenes	ND		3.0	UG/L	8260	03/03/2006 01:47	JLG
trans-1,2-Dichloroethene	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
trans-1,3-Dichloropropene	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
Trichloroethene	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
Trichlorofluoromethane	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG
Vinyl chloride	ND		1.0	UG/L	8260	03/03/2006 01:47	JLG

Sample ID: Effluent
Lab Sample ID: A6223301
Date Collected: 03/01/2006
Time Collected: 09:15

Date Received: 03/02/2006
Project No: NY5A9393.3
Client No: 397714
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Wet Chemistry Analysis							
pH	8.19		0.500	S.U.	150.1	03/02/2006 11:27	LRM
Total Hardness	516		2.0	MG/L	130.2	03/03/2006 13:15	LRM

Sample ID: Influent
Lab Sample ID: A6223302
Date Collected: 03/01/2006
Time Collected: 09:00

Date Received: 03/02/2006
Project No: NY5A9393.3
Client No: 397714
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		20	UG/L	8260	03/03/2006 02:15	JLG
1,1,2,2-Tetrachloroethane	ND		20	UG/L	8260	03/03/2006 02:15	JLG
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	UG/L	8260	03/03/2006 02:15	JLG
1,1,2-Trichloroethane	ND		20	UG/L	8260	03/03/2006 02:15	JLG
1,1-Dichloroethane	ND		20	UG/L	8260	03/03/2006 02:15	JLG
1,1-Dichloroethene	ND		20	UG/L	8260	03/03/2006 02:15	JLG
1,2,4-Trichlorobenzene	ND		20	UG/L	8260	03/03/2006 02:15	JLG
1,2-Dibromo-3-chloropropane	ND		20	UG/L	8260	03/03/2006 02:15	JLG
1,2-Dibromoethane	ND		20	UG/L	8260	03/03/2006 02:15	JLG
1,2-Dichlorobenzene	ND		20	UG/L	8260	03/03/2006 02:15	JLG
1,2-Dichloroethane	ND		20	UG/L	8260	03/03/2006 02:15	JLG
1,2-Dichloropropane	ND		20	UG/L	8260	03/03/2006 02:15	JLG
1,3-Dichlorobenzene	ND		20	UG/L	8260	03/03/2006 02:15	JLG
1,4-Dichlorobenzene	ND		20	UG/L	8260	03/03/2006 02:15	JLG
2-Butanone	ND		100	UG/L	8260	03/03/2006 02:15	JLG
2-Hexanone	ND		100	UG/L	8260	03/03/2006 02:15	JLG
4-Methyl-2-pentanone	ND		100	UG/L	8260	03/03/2006 02:15	JLG
Acetone	ND		100	UG/L	8260	03/03/2006 02:15	JLG
Benzene	ND		20	UG/L	8260	03/03/2006 02:15	JLG
Bromodichloromethane	ND		20	UG/L	8260	03/03/2006 02:15	JLG
Bromoform	ND		20	UG/L	8260	03/03/2006 02:15	JLG
Bromomethane	ND		20	UG/L	8260	03/03/2006 02:15	JLG
Carbon Disulfide	ND		20	UG/L	8260	03/03/2006 02:15	JLG
Carbon Tetrachloride	ND		20	UG/L	8260	03/03/2006 02:15	JLG
Chlorobenzene	ND		20	UG/L	8260	03/03/2006 02:15	JLG
Chloroethane	ND		20	UG/L	8260	03/03/2006 02:15	JLG
Chloroform	ND		20	UG/L	8260	03/03/2006 02:15	JLG
Chloromethane	ND		20	UG/L	8260	03/03/2006 02:15	JLG
cis-1,2-Dichloroethene	10	J	20	UG/L	8260	03/03/2006 02:15	JLG
cis-1,3-Dichloropropene	ND		20	UG/L	8260	03/03/2006 02:15	JLG
Cyclohexane	ND		20	UG/L	8260	03/03/2006 02:15	JLG
Dibromochloromethane	ND		20	UG/L	8260	03/03/2006 02:15	JLG
Dichlorodifluoromethane	ND		20	UG/L	8260	03/03/2006 02:15	JLG
Ethylbenzene	ND		20	UG/L	8260	03/03/2006 02:15	JLG
Isopropylbenzene	ND		20	UG/L	8260	03/03/2006 02:15	JLG
Methyl acetate	ND		20	UG/L	8260	03/03/2006 02:15	JLG
Methyl-t-Butyl Ether (MTBE)	12	J	20	UG/L	8260	03/03/2006 02:15	JLG
Methylcyclohexane	ND		20	UG/L	8260	03/03/2006 02:15	JLG
Methylene chloride	18	J	20	UG/L	8260	03/03/2006 02:15	JLG
Styrene	ND		20	UG/L	8260	03/03/2006 02:15	JLG
Tetrachloroethene	1400		20	UG/L	8260	03/03/2006 02:15	JLG
Toluene	ND		20	UG/L	8260	03/03/2006 02:15	JLG
Total Xylenes	ND		60	UG/L	8260	03/03/2006 02:15	JLG
trans-1,2-Dichloroethene	ND		20	UG/L	8260	03/03/2006 02:15	JLG
trans-1,3-Dichloropropene	ND		20	UG/L	8260	03/03/2006 02:15	JLG
Trichloroethene	42		20	UG/L	8260	03/03/2006 02:15	JLG
Trichlorofluoromethane	ND		20	UG/L	8260	03/03/2006 02:15	JLG
Vinyl chloride	ND		20	UG/L	8260	03/03/2006 02:15	JLG

Sample ID: Influent
Lab Sample ID: A6223302
Date Collected: 03/01/2006
Time Collected: 09:00

Date Received: 03/02/2006
Project No: NY5A9393.3
Client No: 397714
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Wet Chemistry Analysis							
pH	7.60		0.500	S.U.	150.1	03/02/2006 11:27	LRM
Total Hardness	490		2.0	MG/L	130.2	03/03/2006 13:15	LRM

Attachment C
Summary of Site Utility Costs and Projections
October 2004 to February 2006

Mr. C's Dry Cleaners Site - Remedial Treatment Utility Costs

ATTACHMENT C

NYSDEC Work Assignment #27.5

12 Months of System Operation and Maintenance

February 2006 Report

Utility Budget:	
Electric:	$24,024.00
Telephone:	$680.00
Gas	$1,100.00
Total:	$25,804.00

Gas and Electric

Utility Provider	Account #	E&E Cost Center	Description	October '05	November '05	December '05	January '06	February '06	March '06	April '06	May '06	
New York State E&G	06-311-11-002616-26	000699.NY06.05	Mr. C's Electric Costs	$ 1,871.38	$ 1,813.41	$ 1,446.70	$1,762.12	$ 1,908.70	$ 2,459.47			
New York State E&G	76-311-11-015900-18		Agway Site - Electric	$ 294.32	$ 227.81	$ 314.54	$267.23	$ 316.73	$ 356.57	$ 315.85		
National Fuel Gas	5819628-05	000699.NY06.05	Mr. C's Natural Gas Costs		$ 8.61	$ 181.57		$ 159.08	$ 93.57			
			Totals	$ 2,165.70	$ 2,049.83	$ 1,942.81	$2,029.35	$ 2,384.51	$ 2,909.61	$ 315.85		

	June '06	July '06	August '06	September '06	October '06	November	December	January '06	Ave. /Month
Mr. C's Electric Costs									$ 2,252.36
Agway Electric									$ 418.61
Mr. C's Natural Gas Costs									$ 88.57
Totals	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$0.00	$ 2,759.53

Electric	$ 11,261.78	
Natural Gas	$ 442.83	Overbilled natural gas costs
Grand Total - NYSE&G/National Fuel Gas Costs To Date	$ 11,704.61	Estimated Reading

Phone

Utility Provider	Phone #	E&E Cost Center	Location Description	October '05	November '05	December '05	January '06	February '06	March '06	April '06	May '06	
Verizon	716-652-0094	000699.NY06.05	Mr. C's Telephone Costs									
Account#				$ -	$ 38.60	$ 39.71	$ 38.94	$ 38.86	$ 38.56	$ -	$ -	
716 652 0094 416 26 2												

	June '06	July '06	August	September	October	November	December		Ave./Month
	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ 64.89

Grand Total - Verizon Costs to Date	$ 194.67
Grand Total All Utilities To Date	$ 11,899.28

****This includes initial connection fees for the phone company of approximately $180.

Mr. C's Dry Cleaners Site - Remedial Treatment Utility Costs

ATTACHMENT C

NYSDEC Work Assignment #27.4

12 Months of System Operation and Maintenance

Budget Remaining:

Electric:	$12,762.22
Telephone:	$485.33
Gas	$657.17
Total:	$13,904.72

Monthly Treatment System Operational Time by O&M Services

Month	Possible OP Hours	Actual OP Hours	Up-Time Percent	Percent Capacity*	General Operation Comments
September-03	96	96	100.00%	58%	Shutdown by Tyree after Separable Part B inspection
October-03	168	168	100.00%	6%	Official Startup by O&M Enterprises on 10/22/03
November-03	720	720	100.00%	5%	
December-03	744	744	100.00%	28%	
January-04	672	672	100.00%	16%	
February-04	696	696	100.00%	21%	
March-04	816	815	99.88%	51%	
April-04	672	670	99.70%	50%	
May-04	696	513	73.71%	43%	Equipment shutdown- low flow of water to air stripper - 5/17-24/04
June-04	696	692	99.43%	30%	Individual pumps shutdown for inspection and cleaning
July-04	840	840	100.00%	47%	100% operational
August-04	672	672	100.00%	42%	100% operational
September-04	840	820	97.62%	31%	Temporary Stripper Shutdown
October-04	672	607	90.33%	33%	65 hour weekend shutdown due to low pressure problems with the airstripper
November-04	696	641.5	92.17%	37%	
December-04	816	792	97.06%	42%	GAC units removed from treatment system operations
January-05	840	840	100.00%	46%	GAC units removed from project site 1/14/05
February-05	672	660	98.21%	41%	Unit cleaned February 4, 2005
March-05	840	828	98.57%	33%	Unit shut down for additional cleaning and sequestering agent review.
April-05	696	609	87.50%	58%	Unit cleaned April 8, 2005. Back in service until new sequestering agent approved and installed.
May-05	840	768	91.43%	36%	Unit re-cleaned and new water treatment chemical stsrted operations on 5/19/05
June-05	744	644	86.56%	30%	Extremely dry month of June.
July-05	624	605.5	97.04%	44%	Extremely dry month of July.
August-05	696	696	100.00%	44%	Extremely dry month of August.
September-05	864	864	100.00%	40%	Extremely dry month of September.
October-05	672	672	100.00%	39%	Extremely dry month of October.
November-05	672	659	98.07%	34%	Power outage occurred November 6, 2005
December-05	864	854	98.84%	29.6%	Air Stripper cleaning occurred on 12/27/05
January-06	816	816	100.00%	36.7%	
February-06	696	696	100.00%	54.8%	
Totals to Date	**21048**	**20370**	**96.78%**		Based on OM services provided by EEEPC/OMEI since 9/03.

* Percent Capacity is based on initial operating groundwater flows from the eight installed pumps from 9/02.

Evaluated on total gallons discharged for monthly operating time

Maximum pump discharges calculated as an average of 78 gpm as the total for all 8 pumps at the site if all pumps operate 100%.

With the exception of groundwater pump RW-1 all other pumps run a batch basis

Projected Utility Costs for the O&M year (10/05 to 1/06)

	Ave./Month			
Mr. C's Electric	$ 2,252.36			
Agway Electric	$ 418.61			
Mr. C's Gas	$ 88.57			
Mr. C's Telephone	$ 64.89			
Ave. Utility Cost Total	$ 2,824.42	times	12 month Estimate	$36,717.49