



ecology and environment engineering, p.c.

BUFFALO CORPORATE CENTER
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September 5, 2006

Mr. William Welling PE, Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, New York 12233 - 7013

Re: Mr. C's Dry Cleaners Site, Contract # D004442-DC02, Site # 9-15-157
August 2006 Operations, Maintenance, and Monitoring Report

Dear Mr. Welling:

Ecology and Environment Engineering, P.C. (EEEPC) is pleased to provide this August 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) is provided as Attachment B. The full analytical report along with QA/QC information will be retained by EEEPC. All analytical results for the report were analyzed at the lowest detection limits in accordance with the standard method. Remedial treatment system utility costs for the Mr. C's and Agway sites are provided as Attachment C.

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

Operational Summary

Mr. C's Site – Remedial Operations Information

- Site operations visit held with the new NYSDEC Project Manager from Albany Will Welling and Dave Szymanski - Region 9 Site Representative on August 21, 2006.
- The treatment system was operational for 100% of the period between 7/30/06 and 8/28/06. 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 August 2006 indicate that approximately 860,366 gallons of groundwater were processed through the treatment system for the period 7/30/06 and 8/28/06. 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 7/30/06, 8/7/06, 8/21/06, and 8/28/06.

Mr. William Welling PE, Project Manager

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- Checklists for weekly system inspections from OMEI are provided as Attachment A for 7/30/06, 8/7/06, 8/13/06, 8/21/06, and 8/28/06. Weekly system checks indicated that the air stripper differential pressure remained constant between 3 – 3.5 inches of water during the month of August 2006.
- The feed rate for the sequestering agent is 3.0 ml/min based on reduced inflow requirements to the system and visual observation of mineral deposits on the stripping trays. The further adjustment in feed rate will be evaluated during the following month.
- Contact stripper trays were pressure washed of mineral deposits on August 28, 2006.
- A low pressure alarm was detected on Sunday, July 30 2006 at 2AM. OMEI personnel responded to the alarm at 3PM on the same day. The blower was operating normally. The alarm was reset after temporarily shutting off both blowers and restarting them. A problem with the Dwyer pressure switch was discovered which prevented the alarm from resetting. OMEI personnel isolated the switch circuit with a jumper wire and the system returned to normal operation.

Agway Site Remedial Information

- OMEI continues to review the system operations on a weekly basis. In August the air sparge system was out of service due to a bad air compressor for the air sparge system. Prior to August pressure was still provided throughout the distribution system and to the individual heads, but air could not be injected at four out the eight locations due to blockage below grade. OMEI is currently investigating costs for either the installation of new sparge points or repairs to the existing points. Repairs after drilling and AS point re-installation by are expected to be performed in September 2006.
- The air compressor motor at the Agway treatment building was found inoperative during the weekly O&M inspection of 7/24/06, despite the fact that there was power to the unit. The air compressor is currently being repaired by ElectroMech, Inc., Niagara Falls, NY. Compressor motor reinstallation is anticipated in early September. The compressor drive belts were also inspected and were found to be badly worn and were replaced during the July 24, 2006 inspection.
- A copy of the site utility costs from the Mr. C's and Agway remedial operations from December 2004 to August 2006 are provided as Attachment C.

Analytical Summary – Groundwater

- EEEPC and OMEI personnel collected samples of influent and effluent groundwater for the reporting period 7/30/06 to 8/28/06 on August 7, 2006 as part of the normal weekly O&M services. Overall cleanup efficiency for the August 2006 reporting period was 99.34%. The summary of analytical results for the August 7, 2006 sampling event is presented in Table 3.

Mr. William Welling PE, Project Manager

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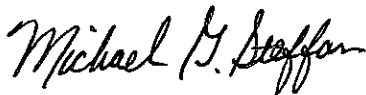
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- The August 2006 monthly analytical results indicate that the treated groundwater effluent remains below the site specific Effluent Discharge Limitation Requirements for all compounds.
- Approximately 9.24 pounds of VOCs were removed from the influent 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 $\mu\text{g/L}$ 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 August 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
D. Chiusano, Albany, NYSDEC w/o attachments
R. Becken, O&M Enterprises w/ attachments
D. Miller, E&E-Buffalo w/ attachments
CTF- 002700.DC02.02

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%
Totals Page 1	25037.5	93.80%

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

Month	Reporting Hours	Operational Up-time
Totals forward from Page 1 (8/29/05)	25037.5	93.80%
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%
March 6, 2006 - April 3, 2006	696	100.00%
April 3, 2006 - May 1, 2006	689	98.99%
May 1, 2006 - May 30, 2006	689	98.99%
May 31, 2006 - July 3, 2006	812	99.50%
July 3, 2006 - July 30, 2006	624	99.50%
July 30, 2006 - August 28, 2006	696	100.00%

Average Operational Up-time = **98.97%**

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	1,927,556
March 2006 ²	3/6/06 - 4/3/06	1,838,541
April 2006 ²	4/3/06 - 5/1/06	1,116,192
May 2006 ²	5/1/06 - 5/30/06	1,053,047
June 2006 ²	5/30/06 - 7/3/06	1,092,786
July 2006 ²	7/3/06 - 7/30/06	813,264
August 2006 ²	7/30/06 - 8/28/06	860,366
Total Gallons Treated To Date:		77,517,947

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

Compound	August 7, 2006		
	Influent Concentration* (ug/L)	Effluent Concentration* (ug/L)	Cleanup Efficiency (%)
Acetone	ND (<100)	6.4(<1.0)	NA
Benzene	ND (<20)	ND(<1.0)	NA
2-Butanone	ND (<100)	ND (<5.0)	NA
cis-1, 2-Dichloroethene	ND (<20)	ND(<1.0)	NA
Methylene chloride	51	ND(<1.0)	100%
Methyl tert-butyl ether	10	ND(<1.0)	100%
Tetrachloroethene	1200	2.2	99.82%
Toluene	ND (<20)	ND(<1.0)	NA
Trichloroethene	35	ND(<1.0)	100%
Total Xylenes	ND (<60)	ND (<3.0)	NA
July TOTAL (in ug/L) =	1296	8.6	99.34%

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

Parameter/Analyte	Daily Maximum	Units	August 28, 2006 Effluent Analytical Values	Compliance
Flow	216,000	gpd	29,668 gpd ⁶	
pH	6.0 - 9.0	standard units	8.22	
1,1 Dichloroethene	10	µg/L	ND (<1.0)	
1,2 Dichloroethane	10	µg/L	ND (<1.0)	
Trichloroethene	10	µg/L	ND (<1.0)	
Tetrachloroethene	10	µg/L	2.2	
Vinyl Chloride	10	µg/L	ND (<1.0)	
Benzene	5	µg/L	ND (<1.0)	
Ethylbenzene	5	µg/L	ND (<1.0)	
Methylene Chloride	10	µg/L	ND (<1.0)	
1,1,1 Trichloroethane	10	µg/L	ND (<1.0)	
Toluene	5	µg/L	ND (<1.0)	
Methyl-t-Butyl Ether (MTBE)	NA	µg/L	ND (<1.0)	
o-Xylene ³	5	µg/L	NA	
m, p-Xylene ³	10	µg/L	NA	
Total Xylenes	NA	µg/L	ND (<3.0)	
Iron, total	600	µg/L	NA	
Aluminum	4,000	µg/L	NA	
Copper	48	µg/L	NA	
Lead	11	µg/L	NA	
Manganese	2,000	µg/L	NA	
Silver	100	µg/L	NA	
Vanadium	28	µg/L	NA	
Zinc	230	µg/L	NA	
Total Dissolved Solids	850	mg/L	NA	
Total Suspended Solids	20	mg/L	NA	
Hardness	N/A	mg/l	490	
Cyanide, Free	10	µg/L	NA	

NOTES:

- "Daily Maximum" excerpted from Attachment B of Addendum 1 to the Construction Contract Documents.
- Analytical report did not differentiate between o-Xylene and m, p-Xylene. Total Xylene value reported is given in each line.
- Shaded cells indicate that analytical value exceeds the "Daily Maximum"
- "ND" indicates that the compound was not detected and lists the practical quantitation limit in parentheses.
- "NA" indicates that analyses were not performed and data is unavailable.
- Average flows based on effluent readings taken July 30, 2006 through August 28, 2006. Total gallons: 860,366 divided by 29 operating days.
- "J" indicates an estimated value below the detection limit.
- "B" indicates analyte found in the associated blank.

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	9.24
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	1465	90.20	16.56
March 2006	3/6/06 - 4/4/06	1475	2.00	22.43
April 2006	4/4/06 - 5/1/06	1465	8.80	13.56
May 2006	5/1/06 - 5/30/06	1263	0.00	11.07
June 2006	5/30/06 - 7/3/06	1994	1.40	18.17
July 2006	7/3/06 - 7/30/06	2010	1.40	13.64
August 2006	7/30/06 - 8/28/06	1296	8.60	9.24
Total pounds of VOCs removed from inception =				1051.00

NOTES:

- Calculations are based on monthly water samples and assumes samples are representative of the entire reporting period.
- Calculations assume that non-detect values = 0 ug/L.
- Total VOCs summations include estimated "J" values.
- Calculations are based on effluent totalizer readings.
- "Influent VOCs" and "Effluent VOCs" values given above is the summation of values for individual compounds given in monthly analytical reports.
- No samples were collected in September 2003. August 2003 values are used.
- Treatment system operated by Tyree Organization, Ltd. from 9/02 to 9/03.
- 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 August 7, 2006:

Pounds of VOCs removed calculated by the following formula:

$$(1296 \text{ ug/L} - 8.6 \text{ ug/L}) * (1 \text{ g}/10^6 \text{ ug}) * (1 \text{ lb}/453.5924 \text{ g}) * 860,366 \text{ gallons} * (3.785 \text{ L/gallon}) = 9.24 \text{ lbs}$$

where 860,366 gallons is the monthly process water volume.

Attachment A
OMEI Weekly Inspection Reports
August 2006

Including:

7/30/06

8/7/06

8/13/06

8/21/06

8/28/06

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

Date/Time 7/30/2006 3:00

Inspection personnel R C Becken

Other personnel on site _____

Weather Conditions sunny 89 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)	<u>11</u>	ft
PW-2	ON	(OFF)	<u>6</u>	ft
PW-3	ON	(OFF)	<u>7</u>	ft
PW-4	ON	(OFF)	<u>4</u>	ft
PW-5	(ON)	OFF	<u>8</u>	ft
PW-6	ON	(OFF)	<u>6</u>	ft
PW-7	(ON)	OFF	<u>8</u>	ft
PW-8	ON	(OFF)	<u>7</u>	ft
Equalization tank			<u>4</u>	ft

Influent Flow Rate 70.13 gpm

Influent Totalizer Reading 5623958 gallons

Sequestering agent drum level ~5 in.

Amount of sequestering agent remaining ~10 gallons

Sequestering agent feed rate 3 ml/min.

Sequestering agent metering Pump Pressure 1 psi

Bag filter top pressure 20 0 psi

Bag filter bottom pressure 22 0 psi

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

Other observations: _____

Agway _____

vacuum 1 3" _____

air pressure 0 psi _____

Bank 1 _____

SP-1 0 scfm SP-2 20 scfm SP-3 0 scfm SP-4 0 scfm _____

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

Describe any other system maintenance performed

Changed filters. I received an alarm at 0200 am Sunday low air pressure, responded to the alarm at 1500 Sunday, found the air blower operating normally with a normal air pressure, but I couldn't reset the alarm. I tried opening the blower damper, I tried the other blower, I then tried operating both blowers at this point I could reset the alarm. I then checked the Dwyer pressure switch and found that if I run a jumper across the two terminals the alarm would reset, so I disconnected the pressure switch and the system now is operating normal.

Signature _____

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

Date/Time 8/7/2006 8:00

Inspection personnel R C Becken

Other personnel on site _____

Weather Conditions cloudy 75 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)	<u>7</u>	ft
PW-2	ON	(OFF)	<u>5</u>	ft
PW-3	ON	(OFF)	<u>5</u>	ft
PW-4	(ON)	OFF	<u>3</u>	ft
PW-5	(ON)	OFF	<u>8</u>	ft
PW-6	(ON)	OFF	<u>3</u>	ft
PW-7	(ON)	OFF	<u>8</u>	ft
PW-8	ON	(OFF)	<u>7</u>	ft
Equalization tank			<u>4</u>	ft

Influent Flow Rate 24 gpm

Influent Totalizer Reading 5987162 gallons

Sequestering agent drum level ~7 in.

Amount of sequestering agent remaining ~8 gallons

Sequestering agent feed rate 8 ml/min.

Sequestering agent metering Pump Pressure 1 psi

Bag filter top pressure 22 28 psi

Bag filter bottom pressure 0 0 psi

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

Other observations: _____

Agway

vacuum 1 3"

air pressure 0 psi

Bank 1

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

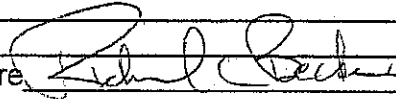
SP-5 0 scfm SP-6 0 scfm SP-7 0 scfm SP-8 0 scfm

Describe any other system maintenance performed

Changed filters

Changed drum of sequestering agent.

Signature



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

Date 8/7/2006

Measurements taken by RC Becken

RW-1	<u>18.21</u>	ft	Comments _____
PZ-1A	<u>12.34</u>	ft	Comments _____
PZ-1B	<u>12.08</u>	ft	Comments _____
PZ-1C	<u>13.19</u>	ft	Comments _____
PZ-1D	<u>13.29</u>	ft	Comments _____
PW-2	<u>21.36</u>	ft	Comments _____
PZ-2A	<u>11.83</u>	ft	Comments _____
PZ-2B	<u>12.17</u>	ft	Comments _____
PZ-2C	<u>11.65</u>	ft	Comments _____
PZ-2D	_____	ft	Comments _____
PW-3	<u>20.85</u>	ft	Comments _____
PZ-3A	<u>12.35</u>	ft	Comments _____
PZ-3B	<u>12.36</u>	ft	Comments _____
PZ-3C	<u>12.9</u>	ft	Comments _____
PZ-3D	<u>12.41</u>	ft	Comments _____
PW-4	<u>22.81</u>	ft	Comments _____
PZ-4A	<u>12.35</u>	ft	Comments _____
PZ-4B	<u>11.9</u>	ft	Comments _____
PZ-4C	<u>11.82</u>	ft	Comments _____
PZ-4D	<u>11.35</u>	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 8/7/2006

Measurements taken by RC Becken

PW-5	<u>19.97</u>	ft	Comments _____
PZ-5A	<u>11.63</u>	ft	Comments _____
PZ-5B	<u>11.57</u>	ft	Comments _____
PZ-5C	<u>11.24</u>	ft	Comments _____
PZ-5D	<u>12.03</u>	ft	Comments _____
PW-6	<u>20.25</u>	ft	Comments _____
PZ-6A	<u>12.18</u>	ft	Comments _____
PZ-6B	<u>12.16</u>	ft	Comments _____
PZ-6C	<u>12.44</u>	ft	Comments _____
PZ-6D	<u>12.03</u>	ft	Comments _____
PW-7	_____	ft	Comments <u>car parked on well</u>
PZ-7A	_____	ft	Comments <u>car parked on well</u>
PZ-7B	<u>12.2</u>	ft	Comments _____
MPI-6S	<u>11.76</u>	ft	Comments _____
PZ-7D	<u>11.77</u>	ft	Comments _____
PW-8	<u>19.97</u>	ft	Comments _____
PZ-8A	<u>8.92</u>	ft	Comments _____
PZ-8B	<u>8.88</u>	ft	Comments _____
PZ-8C	<u>8.43</u>	ft	Comments _____
PZ-8D	<u>8.7</u>	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 8/13/2006 6:25

Inspection personnel CD Becken

Other personnel on site _____

Weather Conditions sunny hot

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

Provide water level readings on control panel

RW-1	ON	(OFF)	<u>9</u>	ft
PW-2	(ON)	OFF	<u>7</u>	ft
PW-3	ON	(OFF)	<u>7</u>	ft
PW-4	(ON)	OFF	<u>5</u>	ft
PW-5	(ON)	OFF	<u>7</u>	ft
PW-6	(ON)	OFF	<u>4</u>	ft
PW-7	(ON)	OFF	<u>8</u>	ft
PW-8	ON	(OFF)	<u>7</u>	ft
Equalization tank			<u>4</u>	ft

Influent Flow Rate 16.66 gpm

Influent Totalizer Reading 627094851 gallons

Sequestering agent drum level ~30 in.

Amount of sequestering agent remaining ~50 gallons

Sequestering agent feed rate 3 ml/min.

Sequestering agent metering Pump Pressure 1 psi

Bag filter top pressure 2 3 psi

Bag filter bottom pressure 0 0 psi

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

Other observations: _____

Agway _____

vacuum 1 3" _____

air pressure 0 psi _____

Bank 1 _____

SP-1 0 scfm SP-2 0 scfm SP-3 0 scfm SP-4 0 scfm _____

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

Air compressor motor still in the shop waiting for parts.

Describe any other system maintenance performed

Signature _____

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

Date/Time 8/21/2006 9:20

Inspection personnel R C Becken

Other personnel on site DEC personnel, Mike Steffan

Weather Conditions sunny warm 75 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)	<u>6</u>	ft
PW-2	ON	(OFF)	<u>7</u>	ft
PW-3	ON	(OFF)	<u>7</u>	ft
PW-4	ON	(OFF)	<u>3</u>	ft
PW-5	(ON)	OFF	<u>3</u>	ft
PW-6	(ON)	OFF	<u>6</u>	ft
PW-7	(ON)	OFF	<u>7</u>	ft
PW-8	ON	(OFF)	<u>7</u>	ft
Equalization tank			<u>4</u>	ft

Influent Flow Rate 73.65 gpm

Influent Totalizer Reading 6714682 gallons

Sequestering agent drum level ~25" in.

Amount of sequestering agent remaining ~45 gallons

Sequestering agent feed rate 3 ml/min.

Sequestering agent metering Pump Pressure 1 psi

Bag filter top pressure 10 16 psi

Bag filter bottom pressure 0 0 psi

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

Other observations: _____

Agway _____

vacuum 1 4" _____

air pressure 0 psi _____

Bank 1 _____

SP-1 0 scfm SP-2 0 scfm SP-3 0 scfm SP-4 0 scfm _____

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

Air compressor motor still in the shop waiting for parts.

Describe any other system maintenance performed

Changed filters, found the well cover missing for MPI-8s which is located on Whaley Ave. I did not have a spare well cover of the correct diameter so I removed a well cover from a well on the Agway site which is more protected from traffic both vehicular and pedestrian and used it for MPI-8s. I will order a new cover this week.

Signature _____

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

Date/Time 8/28/2006 9:30

Inspection personnel R C Becken

Other personnel on site _____

Weather Conditions overcast light rain 70 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)	<u>4</u>	ft
PW-2	ON	(OFF)	<u>5</u>	ft
PW-3	ON	(OFF)	<u>4</u>	ft
PW-4	(ON)	OFF	<u>7</u>	ft
PW-5	(ON)	OFF	<u>4</u>	ft
PW-6	(ON)	OFF	<u>4</u>	ft
PW-7	(ON)	OFF	<u>7</u>	ft
PW-8	ON	(OFF)	<u>5</u>	ft
Equalization tank			<u>4</u>	ft

Influent Flow Rate 63.27 gpm

Influent Totalizer Reading 7085309 gallons

Sequestering agent drum level ~30 in.

Amount of sequestering agent remaining ~45 gallons

Sequestering agent feed rate 3 ml/min.

Sequestering agent metering Pump Pressure 1 psi

Bag filter top pressure 10 15 psi

Bag filter bottom pressure 0 0 psi

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

Other observations: _____

Agway

vacuum 1 4"

air pressure 0 psi

Bank 1

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

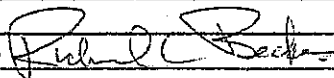
SP-5 0 scfm SP-6 0 scfm SP-7 0 scfm SP-8 0 scfm

Air compressor motor still in the shop waiting for parts.

Describe any other system maintenance performed

Changed filters, pressure washed the stripper trays, installed the new Dwyer Pressure Switch, installed new monitoring well lid on MPI-10S.

Signature



Attachment B
Analytical Report from
Severn-Trent Laboratory
Analytical Data Package #A06-8992
Sampled: August 7, 2006

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

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

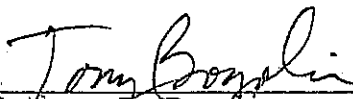
ANALYTICAL REPORT

Job#: A06-8992

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby
Task: Mr. C's Site-002700.DC02

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

STL Buffalo



Anthony E. Bogolin
Project Manager

08/23/2006

STL Buffalo Current Certifications

As of 4/10/2006

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, ASP	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	C1677
West Virginia	CWA, RCRA	252
Wisconsin	CWA	998310390

SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>MATRIX</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
			<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A6899201	Effluent	WATER	08/07/2006	11:00	08/07/2006	11:50
A6899202	Influent	WATER	08/07/2006	11:00	08/07/2006	11:50

METHODS SUMMARY

Job#: A06-8992STL Project#: NY5A9393.3Site Name: Ecology and Environment NYSDEC Standby

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
pH	MCAWW 150.1
Total Hardness	MCAWW 130.2

References:

- 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#: A06-8992STL Project#: NY5A9393.3Site Name: Ecology and Environment NYSDEC StandbyGeneral 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

A06-8992

Sample Cooler(s) were received at the following temperature(s); 2.4 °C
All samples were received in good condition.

GC/MS Volatile Data

The analytes 1,2,4-Trichlorobenzene and Methylene Chloride were detected in the Method Blank A6B2428002 (VBLK89) at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

Wet Chemistry Data

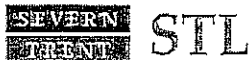
No deviations from protocol were encountered during the analytical procedures.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
Influent	A6899202	8260	20.00	008
Influent	A6899202MS	8260	20.00	008
Influent	A6899202SD	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



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: A6899201
Date Collected: 08/07/2006
Time Collected: 11:00

Date Received: 08/07/2006
Project No: NY5A9393.3
Client No: 397714
Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
AQUEOUS-SW8463 8260 - TCL VOLATILES								
1,1,1-Trichloroethane	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
1,1,2,2-Tetrachloroethane	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
1,1,2-Trichloroethane	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
1,1-Dichloroethane	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
1,1-Dichloroethene	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
1,2,4-Trichlorobenzene	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
1,2-Dibromo-3-chloropropane	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
1,2-Dibromoethane	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
1,2-Dichlorobenzene	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
1,2-Dichloroethane	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
1,2-Dichloropropane	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
1,3-Dichlorobenzene	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
1,4-Dichlorobenzene	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
2-Butanone	ND		5.0	UG/L	8260	08/07/2006	19:26	LH
2-Hexanone	ND		5.0	UG/L	8260	08/07/2006	19:26	LH
4-Methyl-2-pentanone	ND		5.0	UG/L	8260	08/07/2006	19:26	LH
Acetone	6.4		5.0	UG/L	8260	08/07/2006	19:26	LH
Benzene	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
Bromodichloromethane	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
Bromoform	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
Bromomethane	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
Carbon Disulfide	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
Carbon Tetrachloride	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
Chlorobenzene	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
Chloroethane	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
Chloroform	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
Chloromethane	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
cis-1,2-Dichloroethene	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
cis-1,3-Dichloropropene	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
Cyclohexane	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
Dibromochloromethane	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
Dichlorodifluoromethane	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
Ethylbenzene	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
Isopropylbenzene	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
Methyl acetate	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
Methyl-t-Butyl Ether (MTBE)	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
Methylcyclohexane	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
Methylene chloride	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
Styrene	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
Tetrachloroethene	2.2		1.0	UG/L	8260	08/07/2006	19:26	LH
Toluene	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
Total Xylenes	ND		3.0	UG/L	8260	08/07/2006	19:26	LH
trans-1,2-Dichloroethene	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
trans-1,3-Dichloropropene	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
Trichloroethene	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
Trichlorofluoromethane	ND		1.0	UG/L	8260	08/07/2006	19:26	LH
Vinyl chloride	ND		1.0	UG/L	8260	08/07/2006	19:26	LH

Date: 08/23/2006

Time: 12:10:27

Ecology and Environment NYSDEC Standby

Mr. C's Site-002700.DC02

9/23 Page: 2
Rept: AN1178

Sample ID: Effluent

Lab Sample ID: A6899201

Date Collected: 08/07/2006

Time Collected: 11:00

Date Received: 08/07/2006

Project No: NY5A9393.3

Client No: 397714

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
Wet Chemistry Analysis								
pH	8.22		0.500	S.U.	150.1	08/08/2006	08:56	LRM
Total Hardness	490		2.0	MG/L	130.2	08/09/2006	13:40	LRM

Sample ID: Influent

Lab Sample ID: A6899202

Date collected: 08/07/2006

Time collected: 11:00

Date Received: 08/07/2006

Project No: NY5A9393.3

Client No: 397714

Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
AQUEOUS-SW8463 8260 - TCL VOLATILES								
1,1,1-Trichloroethane	ND		20	UG/L	8260	08/07/2006	19:49	LH
1,1,2,2-Tetrachloroethane	ND		20	UG/L	8260	08/07/2006	19:49	LH
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	UG/L	8260	08/07/2006	19:49	LH
1,1,2-Trichloroethane	ND		20	UG/L	8260	08/07/2006	19:49	LH
1,1-Dichloroethane	ND		20	UG/L	8260	08/07/2006	19:49	LH
1,1-Dichloroethene	ND		20	UG/L	8260	08/07/2006	19:49	LH
1,2,4-Trichlorobenzene	ND		20	UG/L	8260	08/07/2006	19:49	LH
1,2-Dibromo-3-chloropropane	ND		20	UG/L	8260	08/07/2006	19:49	LH
1,2-Dibromoethane	ND		20	UG/L	8260	08/07/2006	19:49	LH
1,2-Dichlorobenzene	ND		20	UG/L	8260	08/07/2006	19:49	LH
1,2-Dichloroethane	ND		20	UG/L	8260	08/07/2006	19:49	LH
1,2-Dichloropropane	ND		20	UG/L	8260	08/07/2006	19:49	LH
1,3-Dichlorobenzene	ND		20	UG/L	8260	08/07/2006	19:49	LH
1,4-Dichlorobenzene	ND		20	UG/L	8260	08/07/2006	19:49	LH
2-Butanone	ND		100	UG/L	8260	08/07/2006	19:49	LH
2-Hexanone	ND		100	UG/L	8260	08/07/2006	19:49	LH
4-Methyl-2-pentanone	ND		100	UG/L	8260	08/07/2006	19:49	LH
Acetone	ND		100	UG/L	8260	08/07/2006	19:49	LH
Benzene	ND		20	UG/L	8260	08/07/2006	19:49	LH
Bromodichloromethane	ND		20	UG/L	8260	08/07/2006	19:49	LH
Bromoform	ND		20	UG/L	8260	08/07/2006	19:49	LH
Bromomethane	ND		20	UG/L	8260	08/07/2006	19:49	LH
Carbon Disulfide	ND		20	UG/L	8260	08/07/2006	19:49	LH
Carbon Tetrachloride	ND		20	UG/L	8260	08/07/2006	19:49	LH
Chlorobenzene	ND		20	UG/L	8260	08/07/2006	19:49	LH
Chloroethane	ND		20	UG/L	8260	08/07/2006	19:49	LH
Chloroform	ND		20	UG/L	8260	08/07/2006	19:49	LH
Chloromethane	ND		20	UG/L	8260	08/07/2006	19:49	LH
cis-1,2-Dichloroethene	ND		20	UG/L	8260	08/07/2006	19:49	LH
cis-1,3-Dichloropropene	ND		20	UG/L	8260	08/07/2006	19:49	LH
Cyclohexane	ND		20	UG/L	8260	08/07/2006	19:49	LH
Dibromochloromethane	ND		20	UG/L	8260	08/07/2006	19:49	LH
Dichlorodifluoromethane	ND		20	UG/L	8260	08/07/2006	19:49	LH
Ethylbenzene	ND		20	UG/L	8260	08/07/2006	19:49	LH
Isopropylbenzene	ND		20	UG/L	8260	08/07/2006	19:49	LH
Methyl acetate	ND		20	UG/L	8260	08/07/2006	19:49	LH
Methyl-t-Butyl Ether (MTBE)	10	J	20	UG/L	8260	08/07/2006	19:49	LH
Methylcyclohexane	ND		20	UG/L	8260	08/07/2006	19:49	LH
Methylene chloride	51	B	20	UG/L	8260	08/07/2006	19:49	LH
Styrene	ND		20	UG/L	8260	08/07/2006	19:49	LH
Tetrachloroethene	1200		20	UG/L	8260	08/07/2006	19:49	LH
Toluene	ND		20	UG/L	8260	08/07/2006	19:49	LH
Total Xylenes	ND		60	UG/L	8260	08/07/2006	19:49	LH
trans-1,2-Dichloroethene	ND		20	UG/L	8260	08/07/2006	19:49	LH
trans-1,3-Dichloropropene	ND		20	UG/L	8260	08/07/2006	19:49	LH
Trichloroethene	35		20	UG/L	8260	08/07/2006	19:49	LH
Trichlorofluoromethane	ND		20	UG/L	8260	08/07/2006	19:49	LH
Vinyl chloride	ND		20	UG/L	8260	08/07/2006	19:49	LH

Date: 08/23/2006

Time: 12:10:27

Ecology and Environment NYSDEC Standby

Mr. C's Site-002700.DC02

11/23 Page: 4

Rept: AN1178

Sample ID: Influent

Lab Sample ID: A6899202

Date Collected: 08/07/2006

Time Collected: 11:00

Date Received: 08/07/2006

Project No: NY5A9393.3

Client No: 397714

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
Wet Chemistry Analysis								
pH	7.24		0.500	s.u.	150.1	08/08/2006	08:56	LRM
Total Hardness	490		2.0	MG/L	130.2	08/09/2006	13:40	LRM

Chronology and QC
Summary Package

Client ID Job No Sample Date	Lab ID	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone		UG/L	ND	5.0	NA	NA	NA	NA
Benzene		UG/L	ND	1.0	NA	NA	NA	NA
Bromodichloromethane		UG/L	ND	1.0	NA	NA	NA	NA
Bromoform		UG/L	ND	1.0	NA	NA	NA	NA
Bromomethane		UG/L	ND	1.0	NA	NA	NA	NA
2-Butanone		UG/L	ND	5.0	NA	NA	NA	NA
Carbon Disulfide		UG/L	ND	1.0	NA	NA	NA	NA
Carbon Tetrachloride		UG/L	ND	1.0	NA	NA	NA	NA
Chlorobenzene		UG/L	ND	1.0	NA	NA	NA	NA
Chloroethane		UG/L	ND	1.0	NA	NA	NA	NA
Chloroform		UG/L	ND	1.0	NA	NA	NA	NA
Chloromethane		UG/L	ND	1.0	NA	NA	NA	NA
Cyclohexane		UG/L	ND	1.0	NA	NA	NA	NA
1,2-Dibromoethane		UG/L	ND	1.0	NA	NA	NA	NA
Dibromochloromethane		UG/L	ND	1.0	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane		UG/L	ND	1.0	NA	NA	NA	NA
1,2-Dichlorobenzene		UG/L	ND	1.0	NA	NA	NA	NA
1,3-Dichlorobenzene		UG/L	ND	1.0	NA	NA	NA	NA
1,4-Dichlorobenzene		UG/L	ND	1.0	NA	NA	NA	NA
Dichlorodifluoromethane		UG/L	ND	1.0	NA	NA	NA	NA
1,1-Dichloroethane		UG/L	ND	1.0	NA	NA	NA	NA
1,2-Dichloroethane		UG/L	ND	1.0	NA	NA	NA	NA
1,1-Dichloroethene		UG/L	ND	1.0	NA	NA	NA	NA
cis-1,2-Dichloroethene		UG/L	ND	1.0	NA	NA	NA	NA
trans-1,2-Dichloroethene		UG/L	ND	1.0	NA	NA	NA	NA
1,2-Dichloropropane		UG/L	ND	1.0	NA	NA	NA	NA
cis-1,3-Dichloropropene		UG/L	ND	1.0	NA	NA	NA	NA
trans-1,3-Dichloropropene		UG/L	ND	1.0	NA	NA	NA	NA
Ethylbenzene		UG/L	ND	1.0	NA	NA	NA	NA
2-Hexanone		UG/L	ND	5.0	NA	NA	NA	NA
Isopropylbenzene		UG/L	ND	1.0	NA	NA	NA	NA
Methyl acetate		UG/L	ND	1.0	NA	NA	NA	NA
Methylcyclohexane		UG/L	ND	1.0	NA	NA	NA	NA
Methylene chloride		UG/L	0.74 J	1.0	NA	NA	NA	NA
4-Methyl-2-pentanone		UG/L	ND	5.0	NA	NA	NA	NA
Methyl-t-Butyl Ether (MTBE)		UG/L	ND	1.0	NA	NA	NA	NA
Styrene		UG/L	ND	1.0	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane		UG/L	ND	1.0	NA	NA	NA	NA
Tetrachloroethene		UG/L	ND	1.0	NA	NA	NA	NA
Toluene		UG/L	ND	1.0	NA	NA	NA	NA
1,2,4-Trichlorobenzene		UG/L	0.65 J	1.0	NA	NA	NA	NA
1,1,1-Trichloroethane		UG/L	ND	1.0	NA	NA	NA	NA
1,1,2-Trichloroethane		UG/L	ND	1.0	NA	NA	NA	NA

Client ID	Lab ID	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Job No	A06-8992			A68Z428002				
Sample Date	vb1k89							
Analyte								
1,1,2-Trichloro-1,2,2-trifluor		UG/L	ND	1.0	NA		NA	
Trichlorofluoromethane		UG/L	ND	1.0	NA		NA	
Trichloroethene		UG/L	ND	1.0	NA		NA	
vinyl chloride		UG/L	ND	1.0	NA		NA	
Total Xylenes		UG/L	ND	3.0	NA		NA	
--- IS/SURROGATE(S) ---								
Chlorobenzene-D5		%	99	50-200	NA		NA	
1,4-Difluorobenzene		%	99	50-200	NA		NA	
1,4-Dichlorobenzene-D4		%	96	50-200	NA		NA	
Toluene-D8		%	93	76-122	NA		NA	
m-Bromofluorobenzene		%	92	73-120	NA		NA	
1,2-Dichloroethane-D4		%	90	72-143	NA		NA	

Date: 08/23/2006
Time: 12:10:44

Ecology and Environment NYSDEC standby
Mr. C's site-002700.DG02
WET CHEMISTRY ANALYSIS

Rept: AN1247

Client ID Job No Sample Date	Lab ID	Method Blank A06-8992	A6B2436102	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Total Hardness	MG/L	ND	2.0	NA	NA	NA	NA	NA	NA

15/23

NA = Not Applicable ND = Not Detected

STL Buffalo

Client sample ID: Influent A6899202
 Lab sample ID: A6899202

Influent A6899202MS

Influent A6899202SD

Analyte	Units of Measure	Sample	Concentration		Spike Amount		% Recovery		QC LIMITS RPD	REC.
			Matrix spike	Spike Duplicate	MS	MSD	MS	MSD		
METHOD 8260 - TCL VOLATILE ORGANICS										
1,1-Dichloroethene	ug/L	0	504	482	500	500	101	96	16.0	65-142
Trichloroethene	ug/L	35.3	503	490	500	500	94	91	16.0	71-120
Benzene	ug/L	0	467	450	500	500	94	90	13.0	67-126
Toluene	ug/L	0	468	445	500	500	94	89	18.0	69-120
Chlorobenzene	ug/L	0	471	447	500	500	94	89	19.0	73-120

Client Sample ID: vblk89
 Lab Sample ID: A682428002

msb89
 A682428001

Analyte	Units of Measure	Concentration		Spike Amount	% Recovery Blank Spike	QC LIMITS
		Blank Spike	Spike			
METHOD 8260 - TCL VOLATILE ORGANICS						
1,1-Dichloroethene	UG/L	25.4		25.0	102	65-142
Trichloroethene	UG/L	25.2		25.0	101	71-120
Benzene	UG/L	25.2		25.0	101	67-126
Toluene	UG/L	24.7		25.0	99	69-120
Chlorobenzene	UG/L	24.9		25.0	100	73-120

17/23

* Indicates Result is outside QC Limits
 NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A6B2436102 A6B2436101

Analyte	Units of Measure	Concentration		% Recovery Blank Spike	QC LIMITS
		Blank Spike	Spike Amount		
NET CHEMISTRY ANALYSIS METHOD 150.2 - TOTAL HARDNESS AS CaCO3	Mg/L	192.0	200.0	96	90-110

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

METHOD 8260 - TCL VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	Effluent A06-8992 A6899201	Influent A06-8992 A6899202	
Sample Date	08/07/2006 11:00	08/07/2006 11:00	
Received Date	08/07/2006 11:50	08/07/2006 11:50	
Extraction Date	08/07/2006 19:26	08/07/2006 19:49	
Analysis Date			
Extraction HT Met?	YES	YES	
Analytical HT Met?	WATER	WATER	
Sample Matrix	1.0	20.0	
Dilution Factor	0.005	0.005	
Sample wt/vol	LITERS	LITERS	
% Dry			

METHOD 8260 - TCL VOLATILE ORGANICS

Client Sample ID Job No. & Lab Sample ID	vblk89 A06-8992 A6B2428002			
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol & Dry	08/07/2006 15:12 - - - WATER 1.0 0.005 LITERS			

MR. C'S SITE-002700.DC02
SAMPLE CHRONOLOGY

Lab ID	Sample ID	Lab	Analyte	Method	DF	Sample wt/vol g/L	Sample Date	Receive Date	TCLP Date	T H	Analysis Date	ANL INI	A H Matrix
A6899201	Effluent	RECNY	pH	150.1	1.0		08/07/06 11:00	08/07 11:50	NA		08/08 08:56	LRM	Y WATER
A6899202	Influent	RECNY	Total Hardness	130.2	1.0		08/07/06 11:00	08/07 11:50	NA		08/09 13:40	LRM	Y WATER
		RECNY	pH	150.1	1.0		08/07/06 11:00	08/07 11:50	NA		08/08 08:56	LRM	Y WATER
		RECNY	Total Hardness	130.2	1.0		08/07/06 11:00	08/07 11:50	NA		08/09 13:40	LRM	Y WATER

MR. C'S SITE-002700.D602
 GC CHRONOLOGY

Lab ID	Sample ID	Lab	Analyte	Method	DF	Sample wt/vol g/L	Sample Date	Receive Date	TCLP Date	T	Analysis Date	ANL A	INI H	Matrix
.6B2436102	Method Blank	RECNY	Total Hardness	130.2	1.0		-	-	NA	H	08/09 13:40	LRM	Y	WATER

22/23

STL Buffalo

H = Analysis Holding Time Met
 H = TCLP Holding Time Met
 A = Not Applicable
 ANL INI = Analyst Initials
 DF = Dilution Factor

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

Mr. C's Dry Cleaners Site - Remedial Treatment Utility Costs
NYSDEC Work Assignment #27.4
12 Months of System Operation and Maintenance
August 2006 Report

Monthly Treatment System Operational Time by O&M Services		General Operation Comments	
Month	Possible OP Hours	Actual OP Hours	Percent Capacity*
September-03	96	96	56%
October-03	168	168	6%
November-03	720	720	5%
December-03	744	744	28%
January-04	672	672	18%
February-04	696	696	21%
March-04	816	815	51%
April-04	672	670	50%
May-04	696	513	43%
June-04	696	692	30%
July-04	840	840	47%
August-04	672	672	42%
September-04	840	820	31%
October-04	672	607	33%
November-04	696	641.5	37%
December-04	816	792	42%
January-05	840	840	46%
February-05	672	660	41%
March-05	840	828	33%
April-05	696	609	58%
May-05	840	768	36%
June-05	744	644	30%
July-05	624	605.5	44%
August-05	696	696	44%
September-05	864	864	40%
October-05	672	672	39%
November-05	672	659	34%
December-05	864	854	29.6%
January-06	816	816	36.7%
February-06	696	696	54.8%
March-06	696	696	56.4%
April-06	696	689	34.3%
May-06	696	689	32.3%
June-06	816	812	28.6%
July-06	624	621	27.8%
August-06	696	696	26.4%
Totals to Date	25272	24573	97.23%

Projected Utility Costs for the O&M year (10/05 to 4/06)	
Item	Ave./Month
Mr. C's Electric	\$ 2,270.87
Agway Electric	\$ 279.57
Mr. C's Gas	\$ 50.66
Mr. C's Telephone	\$ 44.10
Ave. Utility Cost Total	\$ 2,645.20

Shutdown by Tyrec after Separable Part B inspection
 Official Startup by O&M Enterprises on 10/22/03
 Equipment shutdown- low flow of water to air stripper - 5/17-24/04
 Individual pumps shutdown for inspection and cleaning
 100% operational
 100% operational
 Temporary Stripper Shutdown
 65 hour weekend shutdown due to low pressure problems with the airstripper
 GAC units removed from treatment system operations
 GAC units removed from project site 1/14/05
 Unit cleaned February 4, 2005
 Unit shut down for additional cleaning and sequestering agent review.
 Unit cleaned April 8, 2005. Back in service until new sequestering agent approved and installed.
 Unit re-cleaned and new water treatment chemical started operations on 5/19/05
 Extremely dry month of July.
 Extremely dry month of July.
 Extremely dry month of August.
 Extremely dry month of September.
 Extremely dry month of October.
 Power outage occurred November 6, 2005
 Air Stripper cleaning occurred on 12/27/05
 Dry month, 5 hours for cleaning the stripper
 Dry month, 5 hours for cleaning the stripper
 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

Budget Remaining:	
Electric:	\$1,315.33
Telephone:	\$283.12
Gas	\$492.05
Total:	\$2,090.50

12 month Estimate \$34,387.56