



# ecology and environment engineering, p.c.

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December 8, 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  
November 2006 Operations, Maintenance, and Monitoring Report

Dear Mr. Welling:

Ecology and Environment Engineering, P.C. (EEEPC) is pleased to provide the November 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 provided from EEEPC's subcontractor O&M Enterprises, Inc. (OMEI) are provided in Attachment A. Selected pages from the individual analytical data packages prepared by Severn - Trent Laboratories (STL) is provided as Attachment B and C. 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 D.

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

## Operational Summary

### Mr. C's Site – Remedial Operations Information

- The treatment system was operational for 100% of the period between 10/30/06 and 11/27/06. 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 November 2006 indicate that approximately 903,959 gallons of groundwater were processed through the treatment system for the period 10/30/06 and 11/27/06. 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 11/6/06, 11/13/06, 11/20/06, and 11/27/06.

- Checklists for weekly system inspections from OMEI are provided as Attachment A for 10/30/06, 11/6/06, 11/13/06, 11/20/06 and 11/27/06. Weekly system checks indicated that the air stripper differential pressure remained constant between 3 – 4 inches of water with air stripper pressure at 17.5-19 inches of water during the month of November 2006.
- The feed rate for the sequestering agent continues to be at 3.0 ml/min based on reduced inflow requirements to the system and visual observation of mineral deposits on the stripping trays.
- Contact stripper trays were pressure washed of mineral deposits on October 30, and November 27, 2006.
- The analytical results from compliance sampling on November 5, 2006 (Attachment B) were received by EEEPC on November 28, 2006. In review of the data, PCE effluent was noted to be 15 ppb which is over the discharge limit of 10 ppb for the site. The NYSDEC project manager was immediately called to discuss corrective actions to be performed by EEEPC and O&M to return the remedial treatment system back to permit compliance. Inspection of the system was performed on November 28, 2006, stripper trays were inspected and found to be clean, differential pressure on the stripper trays were found to be slightly elevated, and the magnahelic gauge for the damper on the blower also indicated a slight change in volume had occurred. The damper was reset another round of influent/effluent samples were taken the same day. The analytical results were received on 11/30/06. The PCE effluent results were found to be 2.5 ppb with no other analytes above the permit requirements. The second set of analytical data is provided in Attachment C.
- Future corrective action to be taken in December 2006 by O&M Maintenance will be the full teardown, inspection and cleaning of the contact air stripper. December 2006 compliance sampling will be performed at the beginning of the month, but additional sampling will be performed for system review after the stripper is returned to service.

#### **Agway Site Remedial Information**

- OMEI continues to review the system operations on a weekly basis.
- OMEI provided drilling costs regarding the Agway air sparge points to EEEPC on September 25, 2006. Installation of new air sparge points and removal of the existing blocked points is expected to cost approximately \$5,000 plus the addition of the transportation and disposal of the decommissioned air sparge point casings and drill cuttings. Drilling and AS point re-installation is under discussions and acceptance with the NYSDEC project manager.

#### **Mr. C's and Agway Energy Usage information**

- A copy of the site utility costs from the Mr. C's and Agway remedial operations from December 2004 to November 2006 are provided as Attachment D.

Mr. William Welling PE, Project Manager

December 8, 2006

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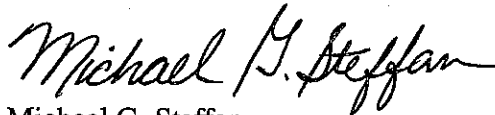
**Analytical Summary – Groundwater**

- EEEPC and OMEI personnel collected samples of influent and effluent groundwater for the reporting period 10/30/06 to 11/27/06 on November 5, 2006 as part of the weekly O&M services. The second set of samples taken on November 28, 2006 will be used for system calculations. Overall cleanup efficiency for the November 2006 reporting period was 99.11%. The summary of analytical results for the November 5, and 28, 2006 sampling events are presented in Table 3.
- The November 2006 monthly analytical results indicate that the treated groundwater effluent returned to below the site specific Effluent Discharge Limitation Requirements for all compounds. Table 4.
- Approximately 8.61 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 November 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, EEEPC-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 <sup>2</sup>	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 <sup>3</sup>	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%
<b>Totals Page 1</b>	<b>25037.5</b>	<b>93.80%</b>

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

Month	Reporting Hours	Operational Up-time
<b>Totals forward from Page 1 (8/29/05)</b>	<b>25037.5</b>	<b>93.80%</b>
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%
August 28, 2006 - October 2, 2006	834	99.30%
October 2, 2006 - October 30, 2006	628	96.91%
October 30, 2006 - November 27, 2006	672	100.00%

Average Operational Up-time = **98.93%**

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 <sup>1</sup>	9/5/02 - 10/2/02	4,362,477
October 2002 <sup>1</sup>	10/2/02 - 11/4/02	4,290,429
November 2002 <sup>1</sup>	11/4/02 - 12/2/02	3,326,126
December 2002 <sup>1</sup>	12/2/02 - 1/7/03	3,349,029
January 2003 <sup>1</sup>	1/7/03 - 2/3/03	1,973,144
February 2003 <sup>1</sup>	2/3/03 - 3/10/03	2,158,771
March 2003 <sup>1</sup>	3/10/03 - 4/7/03	3,263,897
April 2003 <sup>1</sup>	4/7/03 - 5/2/03	2,574,928
May 2003 <sup>1</sup>	5/2/03 - 6/2/03	1,652,538
June 2003 <sup>1</sup>	6/2/03 - 6/30/03	2,002,990
July 2003 <sup>1</sup>	6/30/03 - 7/29/03	2,543,978
August 2003 <sup>1</sup>	7/29/03 - 8/25/03	2,042,424
September 2003 <sup>1</sup>	8/25/03 - 10/22/03	370,446
October 2003 <sup>2</sup>	10/22/03 - 10/29/03	67,424
November 2003 <sup>2</sup>	10/29/03 - 11/25/03	224,278
December 2003 <sup>2</sup>	11/25/03 - 12/29/03	1,496,271
January 2004 <sup>2</sup>	12/29/03 - 01/26/04	688,034
February 2004 <sup>2</sup>	01/26/04 - 02/24/04	736,288
March 2004 <sup>2</sup>	02/24/04 - 03/29/04	2,164,569
April 2004 <sup>2</sup>	03/29/04 - 04/26/04	1,741,730
May 2004 <sup>2</sup>	4/26/2004 - 5/24/2004	1,408,095
June 2004 <sup>2</sup>	5/24/2004 - 6/21/2004	972,132
July 2004 <sup>2</sup>	6/22/2004 - 7/26/2004	1,858,790
August 2004 <sup>2</sup>	7/27/04 - 8/23/04	1,289,960
September 2004 <sup>2</sup>	8/23/04 - 9/27/04	1,201,913
October 2004 <sup>2</sup>	9/27/04 - 10/25/04	937,560
November 2004 <sup>2</sup>	10/25/04 - 11/23/04	1,098,158
December 2004 <sup>2</sup>	11/23/04 - 12/27/04	1,556,063
January 2005 <sup>2</sup>	12/27/04 - 1/31/05	1,798,238
February 2005 <sup>2</sup>	1/31/05 - 2/28/05	1,271,562
March 2005 <sup>2</sup>	2/28/05 - 4/4/05	1,295,692
April 2005 <sup>2</sup>	4/4/05 - 5/2/05	1,652,510
May 2005 <sup>2</sup>	5/2/05 - 6/6/05	1,423,099
June 2005 <sup>2</sup>	6/6/05 - 7/6/05	877,988
July 2005 <sup>2</sup>	7/6/05 - 8/1/05	1,283,302
August 2005 <sup>2</sup>	8/1/05 - 8/29/05	1,443,195
<b>Total Page</b>	<b>9/5/02 - 8/29/05</b>	<b>62,398,028</b>

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

<b>Month</b>	<b>Actual Period</b>	<b>Gallons</b>
<b>Total from Page 1</b>	<b>9/5/02 - 8/29/05</b>	<b>62,398,028</b>
September 2005 <sup>2</sup>	8/29/05 - 10/3/05	1,591,248
October 2005 <sup>2</sup>	10/3/05 - 10/31/05	1,204,074
November 2005 <sup>2</sup>	10/31/05 - 11/28/05	1,038,170
December 2005 <sup>2</sup>	11/28/05 - 1/3/06	1,182,854
January 2006 <sup>2</sup>	1/3/06 - 2/6/06	1,401,821
February 2006 <sup>2</sup>	2/6/06 - 3/6/06	1,927,556
March 2006 <sup>2</sup>	3/6/06 - 4/3/06	1,838,541
April 2006 <sup>2</sup>	4/3/06 - 5/1/06	1,116,192
May 2006 <sup>2</sup>	5/1/06 - 5/30/06	1,053,047
June 2006 <sup>2</sup>	5/30/06 - 7/3/06	1,092,786
July 2006 <sup>2</sup>	7/3/06 - 7/30/06	813,264
August 2006 <sup>2</sup>	7/30/06 - 8/28/06	860,366
September 2006 <sup>2</sup>	8/28/06 - 10/2/06	1,107,730
October 2006 <sup>2</sup>	10/2/06 - 10/30/06	818,535
November 2006 <sup>2</sup>	10/30/06 - 11/27/06	903,959
<b>Total Gallons Treated To Date:</b>		<b>80,348,171</b>

**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  
 November 2006 VOC Analytical Summary

Compound	11/5/2006 Results			11/28/2006 Results		
	Influent Concentration* (ug/L)	Effluent Concentration* (ug/L)	Cleanup Efficiency (%)	Influent Concentration* (ug/L)	Effluent Concentration* (ug/L)	Cleanup Efficiency (%)
Acetone	ND (<100)	8.0	NA	ND (<100)	7.8	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-Dichloroethene	ND (<20)	ND(<1.0)	NA	ND (<20)	ND(<1.0)	NA
Methylene chloride	ND (<20)	ND(<1.0)	100%	11	ND(<1.0)	100%
Methyl tert-butyl ether	ND (<20)	ND(<1.0)	NA	ND (<20)	ND(<1.0)	NA
Tetrachloroethene	1200	15	98.75%	1100	2.5	99.77%
Toluene	ND (<20)	ND(<1.0)	NA	ND (<20)	ND(<1.0)	NA
Trichloroethene	40	0.51	98.73%	41	ND(<1.0)	100%
Total Xylenes	ND (<60)	ND (<3.0)	NA	ND (<60)	ND (<3.0)	NA
<b>November TOTALs (in ug/L) =</b>	<b>1240</b>	<b>23.5</b>	<b>98.10%</b>	<b>1152</b>	<b>10.3</b>	<b>99.11%</b>

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 <sup>1</sup>	Units	November-5, 2006 Effluent Analytical Values - Compliance	November-28, 2006 Effluent Analytical Values - Compliance (Corrective Action Sampling)
Flow	216,000	gpd	32,284 gpd <sup>6</sup>	32,284 gpd <sup>6</sup>
pH	6.0 - 9.0	standard units	8.25	NA
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	0.51 J	ND (<1.0)
Tetrachloroethene	10	µg/L	15	2.5
Vinyl Chloride	10	µg/L	ND (<1.0)	ND (<1.0)
Benzene	5	µg/L	ND (<1.0)	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 <sup>3</sup>	5	µg/L	NA <sup>9</sup>	NA <sup>9</sup>
m,p-Xylene <sup>3</sup>	10	µg/L	NA <sup>9</sup>	NA <sup>9</sup>
Total Xylenes	NA	µg/L	ND (<3.0)	ND (<3.0)
Iron, total	600	µg/L	NA <sup>9</sup>	NA <sup>9</sup>
Aluminum	4,000	µg/L	NA <sup>9</sup>	NA <sup>9</sup>
Copper	48	µg/L	NA <sup>9</sup>	NA <sup>9</sup>
Lead	11	µg/L	NA <sup>9</sup>	NA <sup>9</sup>
Manganese	2,000	µg/L	NA <sup>9</sup>	NA <sup>9</sup>
Silver	100	µg/L	NA <sup>9</sup>	NA <sup>9</sup>
Vanadium	28	µg/L	NA <sup>9</sup>	NA <sup>9</sup>
Zinc	230	µg/L	NA <sup>9</sup>	NA <sup>9</sup>
Total Dissolved Solids	850	mg/l	NA <sup>9</sup>	NA <sup>9</sup>
Total Suspended Solids	20	mg/l	NA <sup>9</sup>	NA <sup>9</sup>
Hardness	N/A	mg/l	481	NA
Cyanide, Free	10	µg/L	NA <sup>9</sup>	NA <sup>9</sup>

NOTES:

- "Daily Maximum" excerpted from Attachment E 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 October 30, 2006 through November 27, 2006. Total gallons: 903,959 divided by 28 operating days.
- "J" indicates an estimated value below the detection limit.
- "B" indicates analyte found in the associated blank.
- Removed from the required analysis list by NYSDEC Region 9 in February 2005.

**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 <sup>6</sup>	9/5/02 - 10/2/02	1297	1	47.2
October 2002 <sup>6</sup>	10/2/02 - 11/4/02	2000	1	71.6
November 2002 <sup>6</sup>	11/4/02 - 12/2/02	1685	0	46.8
December 2002 <sup>6</sup>	12/2/02 - 1/7/03	1586	9	44.1
January 2003 <sup>6</sup>	1/7/03 - 2/3/03	1803	10	29.5
February 2003 <sup>6</sup>	2/3/03 - 3/10/03	1985	3	35.7
March 2003 <sup>6</sup>	3/10/03 - 4/7/03	1990	5	54.1
April 2003 <sup>6</sup>	4/7/03 - 5/2/03	1656	3	35.5
May 2003 <sup>6</sup>	5/2/03 - 6/2/03	1623	7	22.3
June 2003 <sup>6</sup>	6/2/03 - 6/30/03	5787	6	96.6
July 2003 <sup>6</sup>	6/30/03 - 7/29/03	1356	1	28.8
August 2003 <sup>6</sup>	7/29/03 - 8/25/03	1263	3	21.5
September 2003 <sup>6</sup>	8/25/03 - 10/22/03	1263	3	3.9
October 2003 <sup>7</sup>	10/22/03 - 10/29/03	1693.69	1.47	1.0
November 2003 <sup>7</sup>	10/29/03 - 11/25/03	2510.83	4.4	4.7
December 2003 <sup>7</sup>	11/25/03 - 12/29/03	503.3	10.5	6.2
January 2004 <sup>7</sup>	12/29/03 - 01/26/04	3667	15.8	21.0
February 2004 <sup>7</sup>	01/26/04 - 02/24/04	3348.6	26.7	20.4
March 2004 <sup>7</sup>	02/24/04 - 03/29/04	1939.3	4.96	34.9
April 2004 <sup>7</sup>	03/29/04 - 04/26/04	2255	0.0	32.8
May 2004 <sup>7</sup>	4/26/2004 - 5/24/2004	2641	13.3	30.9
June 2004 <sup>7</sup>	5/24/2004 - 6/21/2004	1454	1.7	22.5
July 2004 <sup>7</sup>	6/22/2004 - 7/26/2004	1313	3.6	20.3
August 2004 <sup>7</sup>	7/27/04 - 8/23/04	2305	7.4	24.7
September 2004 <sup>7</sup>	8/23/04 - 9/27/04	1453	6.7	14.5
October 2004 <sup>7</sup>	9/27/04 - 10/25/04	1504	14.3	11.7
November 2004 <sup>7</sup>	10/25/04 - 11/23/04	1480	36.42	13.2
December 2004 <sup>7, 8</sup>	11/23/04 - 12/27/04	1562	132.21	18.6
January 2005 <sup>7</sup>	12/27/04 - 1/31/05	1264	47.5	18.3
February 2005 <sup>9</sup>	1/31/05 - 2/28/05	1538	53.2	15.8
March 2005 <sup>9</sup>	2/28/05 - 4/4/05	931	56.0	9.5
April 2005 <sup>9</sup>	4/4/05 - 5/2/05	1269	111.7	15.96
May 2005 <sup>9</sup>	5/2/05 - 6/6/05	1431	319.0	13.20
June 2005 <sup>9</sup>	6/6/05 - 7/6/05	1126	12	8.16
July 2005 <sup>9</sup>	7/6/05 - 8/1/05	1575	5.90	16.80
August 2005 <sup>9</sup>	8/1/05 - 8/29/05	1359	51.26	15.70
<b>Total pounds of VOCs removed from inception to August 2005 =</b>				<b>928.04</b>

**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.)
<b>Total pounds of VOCs removed from inception to August 2005 =</b>				<b>928.04</b>
September 2005 <sup>9</sup>	8/29/05 - 10/3/05	1239	0.47	16.50
October 2005 <sup>9</sup>	10/3/05 - 10/31/05	1454	0.81	14.60
November 2005 <sup>9</sup>	10/31/05 - 11/28/05	2266	6.80	8.61
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
September 2006	8/28/06 - 10/2/06	1384	2.90	12.77
October 2006	10/2/06 - 10/30/06	1262	3.90	8.56
November 2006	10/2/06 - 10/30/06	1152	10.30	8.61
<b>Total pounds of VOCs removed since inception =</b>				<b>1127.48</b>

**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 November 28, 2006:**

Pounds of VOCs removed calculated by the following formula:

$(1152 \text{ ug/L} - 10.3 \text{ ug/L}) * (1 \text{ g} / 10^6 \text{ ug}) * (1 \text{ lb} / 453.5924 \text{ g}) * 903,959 \text{ gallons} * (3.785 \text{ L/gallon}) \sim 8.61 \text{ lbs}$   
 where 903,959 gallons is the monthly process water volume.

**Attachment A**  
**OMEI Weekly Inspection Reports**  
**November 2006**

**Including:**

**10/30/06**

**11/6/06**

**11/13/06**

**11/20/06**

**11/27/06**

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

Date/Time 10/30/2006 9:00

Inspection personnel R C Becken

Other personnel on site \_\_\_\_\_

Weather Conditions clear 48 degrees

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

~~PW-6 pump-down~~

PW-6 operational per  
phone confirmation OSM 11/8/06 JJL

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>6</u>	ft
PW-4	ON	(OFF)	<u>6</u>	ft
PW-5	(ON)	OFF	<u>7</u>	ft
PW-6	ON	(OFF)	<u>6</u>	ft
PW-7	(ON)	OFF	<u>7</u>	ft
PW-8	ON	(OFF)	<u>4</u>	ft
Equalization tank			<u>4</u>	ft

Influent Flow Rate 91.78 gpm

Influent Totalizer Reading 348358 gallons

Sequestering agent drum level ~10 in.

Amount of sequestering agent remaining ~15 gallons

Sequestering agent feed rate 3 ml/min.

Sequestering agent metering Pump Pressure 1 psi

Bag filter top pressure 0 10 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 \_\_\_\_\_ 25 psi

Air stripper blower in use (#1) #2

Air stripper differential pressure \_\_\_\_\_ 3 inches H<sub>2</sub>O

Air stripper Pressure \_\_\_\_\_ 18 inches H<sub>2</sub>O

Effluent feed pump in use (#1) #2

Effluent feed pump pressure \_\_\_\_\_ 5 psi

Effluent flow rate \_\_\_\_\_ ~110 gpm

Effluent Totalizer reading \_\_\_\_\_ 29876555 gallons

Are building heaters in use? (YES) NO

Ambient air temperature \_\_\_\_\_ 63.3 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 1 3" \_\_\_\_\_

air pressure 110 psi \_\_\_\_\_

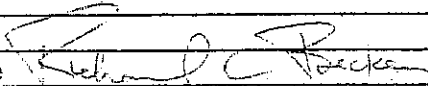
Bank 1 \_\_\_\_\_

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

SP-5 0 scfm SP-6 3 scfm SP-7 0 scfm SP-8 0 scfm

Describe any other system maintenance performed

Pressure washed stripper tray, received two drums of Redox 380

Signature  \_\_\_\_\_

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

Date/Time 11/6/2006 9:00

Inspection personnel R C Becken

Other personnel on site \_\_\_\_\_

Weather Conditions clear 51 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>7</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>7</u>	ft
PW-7	(ON)	OFF	<u>7</u>	ft
PW-8	ON	(OFF)	<u>6</u>	ft
Equalization tank			<u>4</u>	ft

Influent Flow Rate 20.05 gpm

Influent Totalizer Reading 740009 gallons

Sequestering agent drum level ~7 in.

Amount of sequestering agent remaining ~5 gallons

Sequestering agent feed rate 3 ml/min.

Sequestering agent metering Pump Pressure 1 psi

Bag filter top pressure 16 0 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 25 psi

Air stripper blower in use #1 (#2)

Air stripper differential pressure 3.5 inches H<sub>2</sub>O

Air stripper Pressure 17.5 inches H<sub>2</sub>O

Effluent feed pump in use #1 (#2)

Effluent feed pump pressure 5 psi

Effluent flow rate ~110 gpm

Effluent Totalizer reading 30108263 gallons 967470 electron

Are building heaters in use? (YES) NO

Ambient air temperature 60.6 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		11:00	7.75	5.65	59.7
Air stripper effluent		11:10	7.98	7.83	60.4
GAC influent	<u>                    </u>		NA	NA	
GAC effluent	<u>                    </u>		NA	NA	

Is there evidence of tampering/vandalism of wells? YES (NO)

Were manholes inspected? (YES) NO

Were electrical boxes inspected? YES (NO)

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

Mr.C inspection

# System Inspection Form

Other observations: \_\_\_\_\_

Agway \_\_\_\_\_

vacuum 1 3" \_\_\_\_\_

air pressure 80 psi \_\_\_\_\_

Bank 1 \_\_\_\_\_

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

SP-5 0 scfm SP-6 3 scfm SP-7 0 scfm SP-8 0 scfm

Describe any other system maintenance performed

changed filters

Signature Richard C Becker

Mr.C inspection

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

Date 11/6/2008

Measurements taken by RCB

RW-1	<u>21.5</u>	ft	Comments _____
PZ-1A	<u>11.48</u>	ft	Comments _____
PZ-1B	<u>11.1</u>	ft	Comments _____
PZ-1C	<u>12.25</u>	ft	Comments _____
PZ-1D	<u>12.38</u>	ft	Comments _____
PW-2	<u>23.6</u>	ft	Comments _____
PZ-2A	_____	ft	Comments <u>truck parked on well</u>
PZ-2B	<u>11.36</u>	ft	Comments _____
PZ-2C	<u>11</u>	ft	Comments _____
PZ-2D	_____	ft	Comments _____
PW-3	<u>22</u>	ft	Comments _____
PZ-3A	<u>11.44</u>	ft	Comments _____
PZ-3B	<u>11.47</u>	ft	Comments _____
PZ-3C	<u>11.98</u>	ft	Comments _____
PZ-3D	<u>11.49</u>	ft	Comments _____
PW-4	<u>25.2</u>	ft	Comments _____
PZ-4A	<u>11.88</u>	ft	Comments _____
PZ-4B	<u>11.09</u>	ft	Comments _____
PZ-4C	<u>11.14</u>	ft	Comments _____
PZ-4D	<u>10.51</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 #9-15-167  
System Inspection Form

Date/Time 11/13/2006 9:00

Inspection personnel R C Becken

Other personnel on site \_\_\_\_\_

Weather Conditions overcast 41 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>10</u>	ft
PW-2	ON	(OFF)	<u>5</u>	ft
PW-3	ON	(OFF)	<u>5</u>	ft
PW-4	ON	(OFF)	<u>7</u>	ft
PW-5	(ON)	OFF	<u>8</u>	ft
PW-6	ON	(OFF)	<u>4</u>	ft
PW-7	(ON)	OFF	<u>6</u>	ft
PW-8	ON	(OFF)	<u>7</u>	ft
Equalization tank			<u>4</u>	ft

Influent Flow Rate 72.21 gpm

Influent Totalizer Reading 1120783 gallons

Sequestering agent drum level ~1 in.

Amount of sequestering agent remaining ~1 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 #8-15-167  
System Inspection Form

Influent feed pump in use #1 (#2)

Influent Pump Pressure \_\_\_\_\_ 25 psi

Air stripper blower in use #1 (#2)

Air stripper differential pressure - \_\_\_\_\_ 4 inches H<sub>2</sub>O

Air stripper r Pressure \_\_\_\_\_ 18 inches H<sub>2</sub>O

Effluent feed pump in use #1 (#2)

Effluent feed pump pressure \_\_\_\_\_ 5 psi

Effluent flow rate \_\_\_\_\_ ~110 gpm

Effluent Totalizer reading \_\_\_\_\_ 30336126 gallons 197200 electron

Are building heaters in use? (YES) NO

Ambient air temperature \_\_\_\_\_ 59.1 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 1 3" \_\_\_\_\_

air pressure 120 psi \_\_\_\_\_

Bank 1 \_\_\_\_\_

SP-1 1 scfm SP-2 3 scfm SP-3 3 scfm SPP-4 1 scfm \_\_\_\_\_

SP-5 0 scfm SP-6 3 scfm SP-7 1scfm SP-8 0 scfm \_\_\_\_\_

Describe any other system maintenance performed

Changed filters, Started new drum of Redux 380, cleaned empty Redux drum, changed three panel lights in the control panel, there are only two light bulbs left.

Signature 

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

Date/Time 11/20/2006 9:00

Inspection personnel R C Becker

Other personnel on site \_\_\_\_\_

Weather Conditions overcast 32 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>8</u>	ft
PW-2	ON	(OFF)	<u>5</u>	ft
PW-3	ON	(OFF)	<u>6</u>	ft
PW-4	(ON)	OFF	<u>4</u>	ft
PW-5	(ON)	OFF	<u>8</u>	ft
PW-6	ON	(OFF)	<u>7</u>	ft
PW-7	(ON)	OFF	<u>6</u>	ft
PW-8	ON	(OFF)	<u>5</u>	ft
Equalization tank			<u>4</u>	ft

Influent Flow Rate 74.25 gpm

Influent Totalizer Reading 1493795 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 4 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 25 psi

Air stripper blower in use #1 (#2)

Air stripper differential pressure 3.5 inches H<sub>2</sub>O

Air stripper Pressure 19 inches H<sub>2</sub>O

Effluent feed pump in use #1 (#2)

Effluent feed pump pressure 5 psi

Effluent flow rate ~110 gpm

Effluent Totalizer reading 30559920 gallons 422830 electron

Are building heaters in use? (YES) NO

Ambient air temperature 60.4 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 1 3"

air pressure 100 psi

Bank 1

SP-1 1 scfm SP-2 3 scfm SP-3 3 scfm SPP-4 1 scfm

SP-5 0 scfm SP-6 3 scfm SP-7 1 scfm SP-8 0 scfm

Vacuum pump not sounding right, checked amps on motor, amps far higher than normal readings were 9-10 amps, should be 2.5 amps. Repaired cooling fan on motor but I believe motor bearing may be breaking down.

Describe any other system maintenance performed

Changed filters

Signature

*Richard C. Parker*

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

Date/Time 11/27/2006 9:00

Inspection personnel R C Becken

Other personnel on site \_\_\_\_\_

Weather Conditions overcast 55 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>5</u>	ft
PW-2	ON	(OFF)	<u>6</u>	ft
PW-3	ON	(OFF)	<u>5</u>	ft
PW-4	(ON)	OFF	<u>3</u>	ft
PW-5	(ON)	OFF	<u>9</u>	ft
PW-6	ON	(OFF)	<u>5</u>	ft
PW-7	(ON)	OFF	<u>7</u>	ft
PW-8	ON	(OFF)	<u>6</u>	ft
Equalization tank			<u>4</u>	ft

Influent Flow Rate 16.32 gpm

Influent Totalizer Reading 1860548 gallons

Sequestering agent drum level ~25 in.

Amount of sequestering agent remaining ~40 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**

Influent feed pump in use #1 (#2)

Influent Pump Pressure 25 psi

Air stripper blower in use #1 (#2)

Air stripper differential pressure 4 inches H<sub>2</sub>O

Air stripper r Pressure 19 inches H<sub>2</sub>O

Effluent feed pump in use #1 (#2)

Effluent feed pump pressure 5 psi

Effluent flow rate ~110 gpm

Effluent Totalizer reading 30780514 gallons 645110 electron

Are building heaters in use? (YES) NO

Ambient air temperature 62.7 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	<u>                    </u>		NA	NA	
GAC effluent	<u>                    </u>		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 0 \_\_\_\_\_

air pressure 55 psi \_\_\_\_\_

Bank 1 \_\_\_\_\_

SP-1 0 scfm SP-2 0 scfm SP-3 0 scfm SPP-4 1 scfm \_\_\_\_\_

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

System down, Vacuum blower siezed up. \_\_\_\_\_

Describe any other system maintenance performed \_\_\_\_\_

Changed filters \_\_\_\_\_

Pressure washed the stripper tray. \_\_\_\_\_

Greased all pumps and motors. \_\_\_\_\_

Signature  \_\_\_\_\_

**Attachment B**  
**Analytical Report from**  
**Severn-Trent Laboratory**  
**Analytical Data Package #A06-D107**  
**Sampled: November 5, 2006**



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-D107

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

A handwritten signature in cursive script, appearing to read "Tony Bogolin", written over a horizontal line.

Anthony E. Bogolin  
Project Manager

11/24/2006

## STL Buffalo Current Certifications

As of 9/28/2006

<b>STATE</b>	<b>Program</b>	<b>Cert # / Lab ID</b>
<b>AFCEE</b>	AFCEE	
<b>Arkansas</b>	SDWA, CWA, RCRA, SOIL	88-0686
<b>California</b>	NELAP CWA, RCRA	01169CA
<b>Connecticut</b>	SDWA, CWA, RCRA, SOIL	PH-0568
<b>Florida</b>	NELAP CWA, RCRA	E87672
<b>Georgia</b>	SDWA, NELAP CWA, RCRA	956
<b>Illinois</b>	NELAP SDWA, CWA, RCRA	200003
<b>Iowa</b>	SW/CS	374
<b>Kansas</b>	NELAP SDWA, CWA, RCRA	E-10187
<b>Kentucky</b>	SDWA	90029
<b>Kentucky UST</b>	UST	30
<b>Louisiana</b>	NELAP CWA, RCRA	2031
<b>Maine</b>	SDWA, CWA	NY044
<b>Maryland</b>	SDWA	294
<b>Massachusetts</b>	SDWA, CWA	M-NY044
<b>Michigan</b>	SDWA	9937
<b>Minnesota</b>	SDWA, CWA, RCRA	036-999-337
<b>New Hampshire</b>	NELAP SDWA, CWA	233701
<b>New Jersey</b>	SDWA, CWA, RCRA, CLP	NY455
<b>New York</b>	NELAP, AIR, SDWA, CWA, RCRA, ASP	10026
<b>Oklahoma</b>	CWA, RCRA	9421
<b>Pennsylvania</b>	NELAP CWA, RCRA	68-00281
<b>South Carolina</b>	RCRA	91013
<b>Tennessee</b>	SDWA	02970
<b>USDA</b>	FOREIGN SOIL PERMIT	S-41579
<b>USDOE</b>	Department of Energy	DOECAP-STB
<b>Virginia</b>	SDWA	278
<b>Washington</b>	CWA, RCRA	C1677
<b>West Virginia</b>	CWA, RCRA	252
<b>Wisconsin</b>	CWA, RCRA	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>
A6D10701	Effluent	WATER	11/06/2006	11:10	11/06/2006	11:45
A6D10702	Influent	WATER	11/06/2006	11:00	11/06/2006	11:45

## METHODS SUMMARY

Job#: A06-D107STL 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-D107STL 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-D107

Sample Cooler(s) were received at the following temperature(s); 10.0 °C

Samples were received at a temperature of 10.0°C. However, as the samples were collected the same day, it was not possible for the samples to cool to 4°C prior to receipt. There is no impact on the data.

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.

\*\*\*\*\*

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>
Effluent	A6D10701	Total Hardness	2.00	008
Influent	A6D10702	8260	20.00	008
Influent	A6D10702	Total Hardness	2.00	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

Date Received: 11/06/2006

Lab Sample ID: A6010701

Project No: NY5A9393.3

Date Collected: 11/06/2006

Client No: 397714

Time Collected: 11:10

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	11/15/2006	11:16	LH
1,1,2,2-Tetrachloroethane	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
1,1,2-Trichloroethane	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
1,1-Dichloroethane	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
1,1-Dichloroethene	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
1,2,4-Trichlorobenzene	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
1,2-Dibromo-3-chloropropane	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
1,2-Dibromoethane	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
1,2-Dichlorobenzene	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
1,2-Dichloroethane	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
1,2-Dichloropropane	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
1,3-Dichlorobenzene	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
1,4-Dichlorobenzene	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
2-Butanone	ND		5.0	UG/L	8260	11/15/2006	11:16	LH
2-Hexanone	ND		5.0	UG/L	8260	11/15/2006	11:16	LH
4-Methyl-2-pentanone	ND		5.0	UG/L	8260	11/15/2006	11:16	LH
Acetone	8.0		5.0	UG/L	8260	11/15/2006	11:16	LH
Benzene	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
Bromodichloromethane	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
Bromoform	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
Bromomethane	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
Carbon Disulfide	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
Carbon Tetrachloride	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
Chlorobenzene	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
Chloroethane	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
Chloroform	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
Chloromethane	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
cis-1,2-Dichloroethene	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
cis-1,3-Dichloropropene	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
Cyclohexane	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
Dibromochloromethane	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
Dichlorodifluoromethane	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
Ethylbenzene	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
Isopropylbenzene	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
Methyl acetate	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
Methyl-t-Butyl Ether (MTBE)	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
Methylcyclohexane	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
Methylene chloride	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
Styrene	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
Tetrachloroethene	15		1.0	UG/L	8260	11/15/2006	11:16	LH
Toluene	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
Total Xylenes	ND		3.0	UG/L	8260	11/15/2006	11:16	LH
trans-1,2-Dichloroethene	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
trans-1,3-Dichloropropene	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
Trichloroethene	0.51	J	1.0	UG/L	8260	11/15/2006	11:16	LH
Trichlorofluoromethane	ND		1.0	UG/L	8260	11/15/2006	11:16	LH
Vinyl chloride	ND		1.0	UG/L	8260	11/15/2006	11:16	LH

Date: 11/24/2006

Time: 09:07:40

Ecology and Environment NYSDEC Standby  
Mr. C's Site-002700.DC02

9/22 Page: 2  
Rept: AN1178

Sample ID: Effluent  
Lab Sample ID: A6D10701  
Date Collected: 11/06/2006  
Time Collected: 11:10

Date Received: 11/06/2006  
Project No: NY5A9393.3  
Client No: 397714  
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
Wet Chemistry Analysis								
pH	8.25		0.500	S.U.	150.1	11/07/2006	08:19	LRM
Total Hardness	481		4.0	MG/L	130.2	11/09/2006	09:50	LRM

Sample ID: Influent

Date Received: 11/06/2006

Lab Sample ID: A6D10702

Project No: NY5A9393.3

Date Collected: 11/06/2006

Client No: 397714

Time Collected: 11:00

Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
AQUEOUS-SW8463 8260 - TCL VOLATILES								
1,1,1-Trichloroethane	ND		20	UG/L	8260	11/15/2006 11:41	LH	
1,1,2,2-Tetrachloroethane	ND		20	UG/L	8260	11/15/2006 11:41	LH	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	UG/L	8260	11/15/2006 11:41	LH	
1,1,2-Trichloroethane	ND		20	UG/L	8260	11/15/2006 11:41	LH	
1,1-Dichloroethane	ND		20	UG/L	8260	11/15/2006 11:41	LH	
1,1-Dichloroethene	ND		20	UG/L	8260	11/15/2006 11:41	LH	
1,2,4-Trichlorobenzene	ND		20	UG/L	8260	11/15/2006 11:41	LH	
1,2-Dibromo-3-chloropropane	ND		20	UG/L	8260	11/15/2006 11:41	LH	
1,2-Dibromoethane	ND		20	UG/L	8260	11/15/2006 11:41	LH	
1,2-Dichlorobenzene	ND		20	UG/L	8260	11/15/2006 11:41	LH	
1,2-Dichloroethane	ND		20	UG/L	8260	11/15/2006 11:41	LH	
1,2-Dichloropropane	ND		20	UG/L	8260	11/15/2006 11:41	LH	
1,3-Dichlorobenzene	ND		20	UG/L	8260	11/15/2006 11:41	LH	
1,4-Dichlorobenzene	ND		20	UG/L	8260	11/15/2006 11:41	LH	
2-Butanone	ND		100	UG/L	8260	11/15/2006 11:41	LH	
2-Hexanone	ND		100	UG/L	8260	11/15/2006 11:41	LH	
4-Methyl-2-pentanone	ND		100	UG/L	8260	11/15/2006 11:41	LH	
Acetone	ND		100	UG/L	8260	11/15/2006 11:41	LH	
Benzene	ND		20	UG/L	8260	11/15/2006 11:41	LH	
Bromodichloromethane	ND		20	UG/L	8260	11/15/2006 11:41	LH	
Bromoform	ND		20	UG/L	8260	11/15/2006 11:41	LH	
Bromomethane	ND		20	UG/L	8260	11/15/2006 11:41	LH	
Carbon Disulfide	ND		20	UG/L	8260	11/15/2006 11:41	LH	
Carbon Tetrachloride	ND		20	UG/L	8260	11/15/2006 11:41	LH	
Chlorobenzene	ND		20	UG/L	8260	11/15/2006 11:41	LH	
Chloroethane	ND		20	UG/L	8260	11/15/2006 11:41	LH	
Chloroform	ND		20	UG/L	8260	11/15/2006 11:41	LH	
Chloromethane	ND		20	UG/L	8260	11/15/2006 11:41	LH	
cis-1,2-Dichloroethene	ND		20	UG/L	8260	11/15/2006 11:41	LH	
cis-1,3-Dichloropropene	ND		20	UG/L	8260	11/15/2006 11:41	LH	
Cyclohexane	ND		20	UG/L	8260	11/15/2006 11:41	LH	
Dibromochloromethane	ND		20	UG/L	8260	11/15/2006 11:41	LH	
Dichlorodifluoromethane	ND		20	UG/L	8260	11/15/2006 11:41	LH	
Ethylbenzene	ND		20	UG/L	8260	11/15/2006 11:41	LH	
Isopropylbenzene	ND		20	UG/L	8260	11/15/2006 11:41	LH	
Methyl acetate	ND		20	UG/L	8260	11/15/2006 11:41	LH	
Methyl-t-Butyl Ether (MTBE)	ND		20	UG/L	8260	11/15/2006 11:41	LH	
Methylcyclohexane	ND		20	UG/L	8260	11/15/2006 11:41	LH	
Methylene chloride	ND		20	UG/L	8260	11/15/2006 11:41	LH	
Styrene	ND		20	UG/L	8260	11/15/2006 11:41	LH	
Tetrachloroethene	1200		20	UG/L	8260	11/15/2006 11:41	LH	
Toluene	ND		20	UG/L	8260	11/15/2006 11:41	LH	
Total Xylenes	ND		60	UG/L	8260	11/15/2006 11:41	LH	
trans-1,2-Dichloroethene	ND		20	UG/L	8260	11/15/2006 11:41	LH	
trans-1,3-Dichloropropene	ND		20	UG/L	8260	11/15/2006 11:41	LH	
Trichloroethene	40		20	UG/L	8260	11/15/2006 11:41	LH	
Trichlorofluoromethane	ND		20	UG/L	8260	11/15/2006 11:41	LH	
Vinyl chloride	ND		20	UG/L	8260	11/15/2006 11:41	LH	



Date: 11/24/2006

Time: 09:07:40

Ecology and Environment NYSDEC Standby  
Mr. C's Site-002700.DC02

11/22 Page: 4  
Rept: AN1178

Sample ID: Influent

Lab Sample ID: A6D10702

Date Collected: 11/06/2006

Time Collected: 11:00

Date Received: 11/06/2006

Project No: NY5A9393.3

Client No: 397714

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
Wet Chemistry Analysis								
pH	7.63		0.500	S.U.	150.1	11/07/2006	08:19	LRM
Total Hardness	497		4.0	MG/L	130.2	11/09/2006	09:50	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
	VBLK72 A06-D107			A6B30Z7105				
Acetone		UG/L	ND	5.0	NA		NA	
Benzene		UG/L	ND	1.0	NA		NA	
Bromodichloromethane		UG/L	ND	1.0	NA		NA	
Bromoform		UG/L	ND	1.0	NA		NA	
Bromomethane		UG/L	ND	1.0	NA		NA	
2-Butanone		UG/L	ND	5.0	NA		NA	
Carbon Disulfide		UG/L	ND	1.0	NA		NA	
Carbon Tetrachloride		UG/L	ND	1.0	NA		NA	
Chlorobenzene		UG/L	ND	1.0	NA		NA	
Chloroethane		UG/L	ND	1.0	NA		NA	
Chloroform		UG/L	ND	1.0	NA		NA	
Chloromethane		UG/L	ND	1.0	NA		NA	
Cyclohexane		UG/L	ND	1.0	NA		NA	
1,2-Dibromoethane		UG/L	ND	1.0	NA		NA	
Dibromochloromethane		UG/L	ND	1.0	NA		NA	
1,2-Dibromo-3-chloropropane		UG/L	ND	1.0	NA		NA	
1,2-Dichlorobenzene		UG/L	ND	1.0	NA		NA	
1,3-Dichlorobenzene		UG/L	ND	1.0	NA		NA	
1,4-Dichlorobenzene		UG/L	ND	1.0	NA		NA	
Dichlorodifluoromethane		UG/L	ND	1.0	NA		NA	
1,1-Dichloroethane		UG/L	ND	1.0	NA		NA	
1,2-Dichloroethane		UG/L	ND	1.0	NA		NA	
1,1-Dichloroethene		UG/L	ND	1.0	NA		NA	
cis-1,2-Dichloroethene		UG/L	ND	1.0	NA		NA	
trans-1,2-Dichloroethene		UG/L	ND	1.0	NA		NA	
1,2-Dichloropropane		UG/L	ND	1.0	NA		NA	
cis-1,3-Dichloropropene		UG/L	ND	1.0	NA		NA	
trans-1,3-Dichloropropene		UG/L	ND	1.0	NA		NA	
Ethylbenzene		UG/L	ND	5.0	NA		NA	
2-Hexanone		UG/L	ND	1.0	NA		NA	
Isopropylbenzene		UG/L	ND	1.0	NA		NA	
Methyl acetate		UG/L	ND	1.0	NA		NA	
Methylcyclohexane		UG/L	ND	1.0	NA		NA	
Methylene chloride		UG/L	ND	1.0	NA		NA	
4-Methyl-2-pentanone		UG/L	ND	5.0	NA		NA	
Methyl-t-Butyl Ether (MTBE)		UG/L	ND	1.0	NA		NA	
styrene		UG/L	ND	1.0	NA		NA	
1,1,2,2-Tetrachloroethane		UG/L	ND	1.0	NA		NA	
Tetrachloroethene		UG/L	ND	1.0	NA		NA	
Toluene		UG/L	ND	1.0	NA		NA	
1,2,4-Trichlorobenzene		UG/L	ND	1.0	NA		NA	
1,1,1-Trichloroethane		UG/L	ND	1.0	NA		NA	
1,1,2-Trichloroethane		UG/L	ND	1.0	NA		NA	

Client ID Job No Sample Date	Lab ID	VBLK72 A06-D107		A6B3027105		Reporting Limit	Sample Value	Reporting Limit	Sample Value	
		Analyte	Units	Sample Value	Reporting Limit					
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			%	93	50-200		NA		NA	
1,4-Difluorobenzene			%	94	50-200		NA		NA	
1,4-Dichlorobenzene-D4			%	85	50-200		NA		NA	
Toluene-D8			%	107	76-122		NA		NA	
p-Bromofluorobenzene			%	106	73-120		NA		NA	
1,2-Dichloroethane-D4			%	116	72-145		NA		NA	

Date: 11/24/2006  
 Time: 09:07:57

Ecology and Environment NYSDEC Standby  
 Mr. C's Site-002700.DC02  
 WET CHEMISTRY ANALYSIS

Rept: AN1247

Client ID Job No Sample Date	Lab ID	Method Blank A06-D107	A682992402	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	

15/22

Client Sample ID: VBLK72 MSB7Z  
 Lab sample ID: A6B3027105 A6B3027103

Analyte	Units of Measure	Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8260 - TCL VOLATILE ORGANICS					
1,1-Dichloroethene	UG/L	25.1	25.0	101	65-142
Trichloroethene	UG/L	25.0	25.0	100	71-120
Benzene	UG/L	24.9	25.0	100	67-126
Toluene	UG/L	25.0	25.0	100	69-120
Chlorobenzene	UG/L	24.6	25.0	98	73-120

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

Client Sample ID: Method Blank  
 Lab Sample ID: A6B2992402

LCS  
 A6B2992401

Analyte	Units of Measure	Blank Spike	Concentration Spike Amount	% Recovery Blank spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 130.2 - TOTAL HARDNESS AS CaCO3	MG/L	116.9	123.0	95	90-110

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

METHOD 8260 - TCL VOLATILE ORGANICS

Job No & Lab Sample ID	Client Sample ID	Effluent	Influent	
	A06-D107	A6D10701	A06-D107	A6D10702
Sample Date	11/06/2006	11:10	11/06/2006	11:00
Received Date	11/06/2006	11:45	11/06/2006	11:45
Extraction Date	11/15/2006	11:16	11/15/2006	11:41
Analysis Date	-	-	-	-
Extraction HT Met?	YES		YES	
Analytical HT Met?	WATER		WATER	
Sample Matrix	1.0		20.0	
Dilution Factor	0.005	LITERS	0.005	LITERS
Sample wt/vol				
% Dry				



METHOD 8260 - ICL VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	VBLK72 A06-D107 A683027105			
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	11/15/2006 10:51 - - - - 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
A6D10701	Effluent	RECNY	pH	150.1	1.0		11/06/06 11:10	11/06 11:45	NA		11/07 08:19	LRM Y	WATER
A6D10702	Influent	RECNY	Total Hardness	130.2	2.0		11/06/06 11:10	11/06 11:45	NA		11/09 09:50	LRM Y	WATER
		RECNY	pH	150.1	1.0		11/06/06 11:00	11/06 11:45	NA		11/07 08:19	LRM Y	WATER
		RECNY	Total Hardness	130.2	2.0		11/06/06 11:00	11/06 11:45	NA		11/09 09:50	LRM Y	WATER

20/22

STL Buffalo

ANL INI = Analyst Initials  
 DF = Dilution Factor

AH = Analysis Holding Time Met  
 TH = TCLP Holding Time Met  
 NA = Not Applicable

Lab ID	Sample ID	Lab	Analyte	Method	DF	Sample wt/vol g/L	Sample Date	Receive Date	TCLP Date	T H	Analysis Date	ANL A INI H	Matrix
A6B2992402	Method Blank	RECNY	Total Hardness	130.2	1.0		-	-	NA		11/09 09:50	LRM Y	WATER

21/22

STL Buffalo

ANL INI = Analyst Initials  
 DF = Dilution Factor

AH = Analysis Holding Time Met  
 TH = TCLP Holding Time Met  
 NA = Not Applicable

**Chain of  
Custody Record**

STL-4124 (0901)

Client: Ecology + Environment, Inc.  
 Address: 368 Pleasant Views Dr., Lancaster, NY 14086  
 Project Name and Location (State): Mr. C's Monthly East Aurora, NY  
 Contract/Purchase Order/Quote No.  
 Project Manager: Mike Steffan  
 Telephone Number (Area Code)/Fax Number: (716) 684-8060 (716) 684-0844  
 Date: 11/6/06  
 Chain of Custody Number: 285237  
 Page: 1 of 1

Analysis (Attach list if more space is needed)  
 Special Instructions/Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix					Containers & Preservatives					Total Hazardous					
			Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc		HORN				
Influent	11/6/06		✓					1										
Effluent	11/6/06		✓					1										

Possible Hazard Identification  
 Non-Hazard  Flammable  Skin Irritant  Poison B  Unknown  Return To Client  Disposal By Lab  Archive For \_\_\_\_\_ Months  
 Turn Around Time Required  
 24 Hours  48 Hours  7 Days  14 Days  21 Days  Other \_\_\_\_\_  
 Relinquished By: Rick Becken Date: 11/6/06 Time: 1145  
 Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

QC Requirements (Specify)  
 Received By: Rick Becken Date: 11/6/06 Time: 1145  
 Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Comments: \_\_\_\_\_  
 DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy  
 10.00 SAMEDAY

**Attachment C**  
**Analytical Report from**  
**Severn-Trent Laboratory**  
**Analytical Data Package #A6E-22801**  
**Sampled: November 28, 2006**

Sample ID: Influent  
Lab Sample ID: A6E22802  
Date Collected: 11/28/2006  
Time Collected: 16:15

Date Received: 11/28/2006  
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	11/30/2006	03:03	RJ
1,1,2,2-Tetrachloroethane	ND		20	UG/L	8260	11/30/2006	03:03	RJ
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	UG/L	8260	11/30/2006	03:03	RJ
1,1,2-Trichloroethane	ND		20	UG/L	8260	11/30/2006	03:03	RJ
1,1-Dichloroethane	ND		20	UG/L	8260	11/30/2006	03:03	RJ
1,1-Dichloroethene	ND		20	UG/L	8260	11/30/2006	03:03	RJ
1,2,4-Trichlorobenzene	ND		20	UG/L	8260	11/30/2006	03:03	RJ
1,2-Dibromo-3-chloropropane	ND		20	UG/L	8260	11/30/2006	03:03	RJ
1,2-Dibromoethane	ND		20	UG/L	8260	11/30/2006	03:03	RJ
1,2-Dichlorobenzene	ND		20	UG/L	8260	11/30/2006	03:03	RJ
1,2-Dichloroethane	ND		20	UG/L	8260	11/30/2006	03:03	RJ
1,2-Dichloropropane	ND		20	UG/L	8260	11/30/2006	03:03	RJ
1,3-Dichlorobenzene	ND		20	UG/L	8260	11/30/2006	03:03	RJ
1,4-Dichlorobenzene	ND		20	UG/L	8260	11/30/2006	03:03	RJ
2-Butanone	ND		100	UG/L	8260	11/30/2006	03:03	RJ
2-Hexanone	ND		100	UG/L	8260	11/30/2006	03:03	RJ
4-Methyl-2-pentanone	ND		100	UG/L	8260	11/30/2006	03:03	RJ
Acetone	ND		100	UG/L	8260	11/30/2006	03:03	RJ
Benzene	ND		20	UG/L	8260	11/30/2006	03:03	RJ
Bromodichloromethane	ND		20	UG/L	8260	11/30/2006	03:03	RJ
Bromoform	ND		20	UG/L	8260	11/30/2006	03:03	RJ
Bromomethane	ND		20	UG/L	8260	11/30/2006	03:03	RJ
Carbon Disulfide	ND		20	UG/L	8260	11/30/2006	03:03	RJ
Carbon Tetrachloride	ND		20	UG/L	8260	11/30/2006	03:03	RJ
Chlorobenzene	ND		20	UG/L	8260	11/30/2006	03:03	RJ
Chloroethane	ND		20	UG/L	8260	11/30/2006	03:03	RJ
Chloroform	ND		20	UG/L	8260	11/30/2006	03:03	RJ
Chloromethane	ND		20	UG/L	8260	11/30/2006	03:03	RJ
cis-1,2-Dichloroethene	ND		20	UG/L	8260	11/30/2006	03:03	RJ
cis-1,3-Dichloropropene	ND		20	UG/L	8260	11/30/2006	03:03	RJ
Cyclohexane	ND		20	UG/L	8260	11/30/2006	03:03	RJ
Dibromochloromethane	ND		20	UG/L	8260	11/30/2006	03:03	RJ
Dichlorodifluoromethane	ND		20	UG/L	8260	11/30/2006	03:03	RJ
Ethylbenzene	ND		20	UG/L	8260	11/30/2006	03:03	RJ
Isopropylbenzene	ND		20	UG/L	8260	11/30/2006	03:03	RJ
Methyl acetate	ND		20	UG/L	8260	11/30/2006	03:03	RJ
Methyl-t-Butyl Ether (MTBE)	ND		20	UG/L	8260	11/30/2006	03:03	RJ
Methylcyclohexane	ND		20	UG/L	8260	11/30/2006	03:03	RJ
Methylene chloride	11	J	20	UG/L	8260	11/30/2006	03:03	RJ
Styrene	ND		20	UG/L	8260	11/30/2006	03:03	RJ
Tetrachloroethene	1100		20	UG/L	8260	11/30/2006	03:03	RJ
Toluene	ND		20	UG/L	8260	11/30/2006	03:03	RJ
Total Xylenes	ND		60	UG/L	8260	11/30/2006	03:03	RJ
trans-1,2-Dichloroethene	ND		20	UG/L	8260	11/30/2006	03:03	RJ
trans-1,3-Dichloropropene	ND		20	UG/L	8260	11/30/2006	03:03	RJ
Trichloroethene	41		20	UG/L	8260	11/30/2006	03:03	RJ
Trichlorofluoromethane	ND		20	UG/L	8260	11/30/2006	03:03	RJ
Vinyl chloride	ND		20	UG/L	8260	11/30/2006	03:03	RJ

Date: 11/30/2006  
 Time: 18:11:21

Ecology and Environment NYSDEC Standby  
 Mr. C's Site-002700.DC02

Page: 1  
 Rept: AN1178

Sample ID: Effluent  
 Lab Sample ID: A6E22801  
 Date Collected: 11/28/2006  
 Time Collected: 16:20

Date Received: 11/28/2006  
 Project No: NY5A9393.3  
 Client No: 397714  
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time	Analyst
			Limit			Analyzed	
AQUEOUS-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
1,1,2,2-Tetrachloroethane	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
1,1,2-Trichloroethane	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
1,1-Dichloroethane	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
1,1-Dichloroethene	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
1,2,4-Trichlorobenzene	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
1,2-Dibromo-3-chloropropane	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
1,2-Dibromoethane	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
1,2-Dichlorobenzene	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
1,2-Dichloroethane	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
1,2-Dichloropropane	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
1,3-Dichlorobenzene	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
1,4-Dichlorobenzene	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
2-Butanone	ND		5.0	UG/L	8260	11/30/2006 02:39	RJ
2-Hexanone	ND		5.0	UG/L	8260	11/30/2006 02:39	RJ
4-Methyl-2-pentanone	ND		5.0	UG/L	8260	11/30/2006 02:39	RJ
Acetone	7.8		5.0	UG/L	8260	11/30/2006 02:39	RJ
Benzene	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
Bromodichloromethane	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
Bromoform	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
Bromomethane	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
Carbon Disulfide	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
Carbon Tetrachloride	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
Chlorobenzene	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
Chloroethane	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
Chloroform	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
Chloromethane	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
cis-1,2-Dichloroethene	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
cis-1,3-Dichloropropene	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
Cyclohexane	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
Dibromochloromethane	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
Dichlorodifluoromethane	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
Ethylbenzene	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
Isopropylbenzene	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
Methyl acetate	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
Methyl-t-Butyl Ether (MTBE)	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
Methylcyclohexane	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
Methylene chloride	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
Styrene	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
Tetrachloroethene	2.5		1.0	UG/L	8260	11/30/2006 02:39	RJ
Toluene	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
Total Xylenes	ND		3.0	UG/L	8260	11/30/2006 02:39	RJ
trans-1,2-Dichloroethene	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
trans-1,3-Dichloropropene	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
Trichloroethene	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
Trichlorofluoromethane	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ
Vinyl chloride	ND		1.0	UG/L	8260	11/30/2006 02:39	RJ

**Attachment D**  
**Summary of Site Utility Costs and Projections**  
**October 2004 to November 2006**



			Utility Budget:												ATTACHMENT D				
			December '05	January '06	February '06	March '06	April '06	May '06	June '06	July '06	August '06	September '06	October '06	November '06	December '06	January '07	Ave./Month		
New York State E&G	06-311-11-002616-26	000699.NY06.05	\$ 1,871.38	\$ 1,813.41	\$ 1,446.70	\$ 1,762.12	\$ 1,906.70	\$ 2,459.47	\$ 2,113.40	\$ 2,294.83	\$ 2,294.83	\$ 2,294.83	\$ 2,294.83	\$ 2,294.83	\$ 2,294.83	\$ 2,294.83	\$ 2,294.83	\$ 2,294.83	
New York State E&G	76-311-11-015900-18		\$ 294.32	\$ 227.81	\$ 314.54	\$ 267.23	\$ 316.73	\$ 356.57	\$ 315.85	\$ 325.53	\$ 325.53	\$ 325.53	\$ 325.53	\$ 325.53	\$ 325.53	\$ 325.53	\$ 325.53	\$ 325.53	
National Fuel Gas	5819828-05	000699.NY06.05	\$ 8.61	\$ 8.61	\$ 181.57		\$ 159.08	\$ 93.57	\$ 149.49	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>Totals</b>			<b>\$ 2,165.70</b>	<b>\$ 2,049.83</b>	<b>\$ 1,942.81</b>	<b>\$ 2,029.35</b>	<b>\$ 2,384.51</b>	<b>\$ 2,909.61</b>	<b>\$ 2,578.74</b>	<b>\$ 2,620.36</b>	<b>\$ 2,620.36</b>	<b>\$ 2,620.36</b>	<b>\$ 2,620.36</b>	<b>\$ 2,620.36</b>	<b>\$ 2,620.36</b>	<b>\$ 2,620.36</b>	<b>\$ 2,620.36</b>	<b>\$ 2,620.36</b>	
			April '06	May '06	June '06	July '06	August '06	Sept '06	Oct '06	Nov '06	Dec '06	Jan '07	Feb '07	Mar '07	Apr '07	May '07	Ave./Month		
			\$ 1,916.90	\$ 1,627.85	\$ 1,898.10	\$ 1,595.81	\$ 1,862.59	\$ 1,714.36	\$ 1,725.26	\$ 2,801.09	\$ 2,801.09	\$ 2,801.09	\$ 2,801.09	\$ 2,801.09	\$ 2,801.09	\$ 2,801.09	\$ 2,801.09	\$ 2,801.09	
			\$ 308.98	\$ 299.15	\$ 328.10	\$ 273.92	\$ 184.80	\$ 145.99	\$ 412.77	\$ 279.57	\$ 279.57	\$ 279.57	\$ 279.57	\$ 279.57	\$ 279.57	\$ 279.57	\$ 279.57	\$ 279.57	
			\$ -	\$ 0.73	\$ 14.90		\$ 17.42	\$ 20.79	\$ 42.75	\$ 57.41	\$ 57.41	\$ 57.41	\$ 57.41	\$ 57.41	\$ 57.41	\$ 57.41	\$ 57.41	\$ 57.41	
<b>Totals</b>			<b>\$ 2,225.88</b>	<b>\$ 1,927.73</b>	<b>\$ 2,241.10</b>	<b>\$ 1,595.81</b>	<b>\$ 2,047.39</b>	<b>\$ 1,877.77</b>	<b>\$ 2,158.82</b>	<b>\$ 3,138.07</b>	<b>\$ 3,138.07</b>	<b>\$ 3,138.07</b>	<b>\$ 3,138.07</b>	<b>\$ 3,138.07</b>	<b>\$ 3,138.07</b>	<b>\$ 3,138.07</b>	<b>\$ 3,138.07</b>	<b>\$ 3,138.07</b>	
Electric			\$ 28,010.88																
Natural Gas			\$ 646.16																
<b>Grand Total - NYSE&amp;G/National Fuel Gas Costs To Date</b>			<b>\$ 28,657.04</b>																
<b>Phone</b>																			
Utility Provider	Phone #	E&E Cost Center	August '05	September '05	October '05	November '05	December '05	January '06	February '06	March '06	April '06	May '06	June '06	July '06	August '06	September '06	October '06	November '06	
Verizon	716-652-0094	000699.NY06.05	\$ -	\$ 38.80	\$ 39.71	\$ 38.94	\$ 38.86	\$ 38.56	\$ 39.03	\$ 38.59	\$ 38.59	\$ 38.59	\$ 38.59	\$ 38.59	\$ 38.59	\$ 38.59	\$ 38.59	\$ 38.59	\$ 38.59
Account#																			
716 652 0094 416 26 2																			
<b>Grand Total - Verizon Costs to Date</b>			<b>\$ 520.94</b>																
<b>Grand Total All Utilities To Date</b>			<b>\$ 29,177.98</b>																
****This includes initial connection fees for the phone company of approximately \$180.																			

**Mr. C's Dry Cleaners Site - Remedial Treatment Utility Costs**  
**NYSDEC Work Assignment #DC02**  
**12 Months of System Operation and Maintenance**  
**November 2006 Report**

**Monthly Treatment System Operational Time by O&M Services**

Month	Possible OP Hours	Actual OP Hours	Up-Time Percent	Percent Capacity	General Operation Comments	Electric:	Budget Remaining:
September-03	96	96	100.00%	56%	Shutdown by Tyree after Separable Part B inspection	-\$3,986.88	
October-03	168	168	100.00%	6%	Official Startup by O&M Enterprises on 10/22/03	\$159.06	
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	99.70%	51%		Gas	\$453.84
April-04	672	670	99.70%	50%		Total:	-\$3,373.98
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%	39%	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%	38%	Unit shut down for additional cleaning and sequestering agent review.		
April-05	696	609	87.50%	58%	Unit cleaned April 6, 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 started 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%			
March-06	696	696	100.00%	56.4%			
April-06	696	689	98.99%	34.3%	Dry month, 5 hours for cleaning the stripper		
May-06	696	689	98.99%	32.3%	Dry month, 5 hours for cleaning the stripper		
June-06	816	812	99.51%	28.6%			
July-06	624	621	99.52%	27.8%			
August-06	696	696	100.00%	26.4%			
September-06	840	834	99.29%	28.2%	Stripper cleaning performed		
October-06	628	609	96.91%	27.0%	power outage from severe winter storm 10/12-10/14		
November-06	672	672	100.00%	28.7%			
Totals to Date	27412	26688	97.36%		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 76 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 4/06)**

	Ave./Month	12 month Estimate
Mr. C's Electric	\$ 2,801.09	
Agway Electric	\$ 279.57	
Mr. C's Gas	\$ 57.41	
Mr. C's Telephone	\$ 57.88	
<b>Ave. Utility Cost Total</b>	<b>\$ 3,195.95</b>	<b>\$41,547.34</b>