



# ecology and environment engineering, p.c.

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BUFFALO CORPORATE CENTER  
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Tel: 716/684-8060, Fax: 716/684-0844

November 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  
October 2006 Operations, Maintenance, and Monitoring Report

Dear Mr. Welling:

Ecology and Environment Engineering, P.C. (EEEPC) is pleased to provide the October 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. 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 October 2006, EEEPC offers the following comments and highlights:

## Operational Summary

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

- The treatment system was operational for 96.91% of the period between 10/2/06 and 10/30/06. 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 October 2006 indicate that approximately 818,535 gallons of groundwater were processed through the treatment system for the period 10/28/06 and 10/30/06. 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 10/2/06 and 10/23/06.

- A non-routine shutdown occurred on Friday, 10/13/06 due to a severe winter storm that hit the WNY area, causing broken tree limbs, downed electrical lines, and power outages throughout much of Erie County. OMEI responded on 10/14/06 to inspect and evaluate the alarm condition. The treatment system was reset and no further variations in system operations were observed.
- Checklists for weekly system inspections from OMEI are provided as Attachment A for 10/2/06, 10/9/06, 10/16/06, 10/23/06 and 10/30/06. Weekly system checks indicated that the air stripper differential pressure remained constant between 3 – 3.5 inches of water with air stripper pressure at 16-18 inches of water during the month of October 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, 2006.
- On Monday, October 16, 2006, OMEI replaced the defective pump on well PW-6 (Library parking lot).

#### **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 expected to be performed in December 2006 after 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 October 2006 are provided as Attachment C.

#### **Analytical Summary – Groundwater**

- EEEPC and OMEI personnel collected samples of influent and effluent groundwater for the reporting period 10/2/06 to 10/30/06 on October 2, 2006 as part of the weekly O&M services. Overall cleanup efficiency for the October 2006 reporting period was 99.69%. The summary of analytical results for the October 2, 2006 sampling event is presented in Table 3.
- The October 2006 monthly analytical results indicate that the treated groundwater effluent remains below the site specific Effluent Discharge Limitation Requirements for all compounds. Table 4.

Mr. William Welling PE, Project Manager

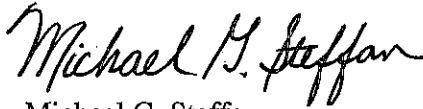
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- Approximately 8.56 pounds of VOCs were removed from the influent groundwater based on calculations using the effluent discharge analytical results during the reporting period. A summary of the calculated pounds of VOC's by month and by date are located in Table 5. These values are calculated based on effluent totalizer readings and assumes that non-detect values given in the analytical data package = 0  $\mu\text{g/L}$  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 October 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%              |

**Average Operational Up-time = 98.85%**

**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 1</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           |
| <b>Total Gallons Treated To Date:</b> |                         | <b>79,444,212</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**  
**October 2006 VOC Analytical Summary**

| Compound                         | October 2, 2006                   |                                   |                           |
|----------------------------------|-----------------------------------|-----------------------------------|---------------------------|
|                                  | Influent Concentration*<br>(ug/L) | Effluent Concentration*<br>(ug/L) | Cleanup Efficiency<br>(%) |
| Acetone                          | ND (<100)                         | 2.8<br>J                          | 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               | 18<br>BJ                          | ND (<1.0)                         | 100%                      |
| Methyl tert-butyl ether          | ND (<20)                          | ND (<1.0)                         | 100%                      |
| Tetrachloroethene                | 1200                              | 1.1                               | 99.91%                    |
| Toluene                          | ND (<20)                          | ND (<1.0)                         | NA                        |
| Trichloroethene                  | 44                                | ND (<1.0)                         | 100%                      |
| Total Xylenes                    | ND (<60)                          | ND (<3.0)                         | NA                        |
| <b>October TOTAL (in ug/L) =</b> | <b>1262</b>                       | <b>3.9</b>                        | <b>99.69%</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          | October 2, 2006 Effluent Analytical Values - Compliance |
|-----------------------------|----------------------------|----------------|---|
| Flow                        | 216,000                    | gpd            | 30,316 gpd <sup>6</sup>                                 |
| pH                          | 6.0 - 9.0                  | standard units | 8.38  |
| 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           | 1.1   |
| 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 <sup>3</sup>       | 5                          | µg/L           | NA <sup>9</sup>   |
| m,p-Xylene <sup>3</sup>     | 10                         | µg/L           | NA <sup>9</sup>   |
| Total Xylenes               | NA                         | µg/L           | ND (<3.0)   |
| Iron, Total                 | 600                        | µg/L           | NA <sup>9</sup>   |
| Aluminum                    | 4,000                      | µg/L           | NA <sup>9</sup>   |
| Copper                      | 48                         | µg/L           | NA <sup>9</sup>   |
| Lead                        | 11                         | µg/L           | NA <sup>9</sup>   |
| Manganese                   | 2,000                      | µg/L           | NA <sup>9</sup>   |
| Silver                      | 100                        | µg/L           | NA <sup>9</sup>   |
| Vanadium                    | 28                         | µg/L           | NA <sup>9</sup>   |
| Zinc                        | 230                        | µg/L           | NA <sup>9</sup>   |
| Total Dissolved Solids      | 850                        | mg/L           | NA <sup>9</sup>   |
| Total Suspended Solids      | 20                         | mg/L           | NA <sup>9</sup>   |
| Hardness                    | N/A                        | mg/l           | 550   |
| Cyanide, Free               | 10                         | µg/l           | NA <sup>9</sup>   |

NOTES:

1. "Daily Maximum" excerpted from Attachment E of Addendum 1 to the Construction Contract Documents.
2. Analytical report did not differentiate between o-Xylene and m, p-Xylene. Total Xylene value reported is given in each line.
3. Shaded cells indicate that analytical value exceeds the "Daily Maximum"
4. "ND" indicates that the compound was not detected and lists the practical quantitation limit in parentheses.
5. "NA" indicates that analyses were not performed and data is unavailable.
6. Average flows based on effluent readings taken October 2, 2006 through October 30, 2006. Total gallons: 818,535 divided by 27 operating days.
7. "J" indicates an estimated value below the detection limit.
8. "B" indicates analyte found in the associated blank.
9. 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<br>(µg/L) | Effluent VOCs<br>(µg/L) | VOCs Removed<br>(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>5</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>          |

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

**Including:**

10/2/06

10/9/06

10/16/06

10/23/06

10/30/06

Mr. C's Dry Cleaners Site  
NYSDEC Site #5-15-157  
System Inspection Form

Date/Time 10/2/2006 9:00

Inspection personnel R C Becken

Other personnel on site M. Steffan

Weather Conditions clear 54 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>6</u>  | ft |
| PW-4              | ON   | (OFF) | <u>4</u>  | ft |
| PW-5              | (ON) | OFF   | <u>3</u>  | ft |
| PW-6              | (ON) | OFF   | <u>13</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 28.21 gpm

Influent Totalizer Reading 8963543 gallons

Sequestering agent drum level ~2 in.

Amount of sequestering agent remaining ~2 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

RECD ACCOUNTING

OCT 11 2006

ECOLOGY & ENVIRONMENT, INC.

Date/Time 10/9/2006 8:30

Inspection personnel R C Becken

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

Weather Conditions clear 57 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>6</u>  | ft |
| PW-4              | ON   | (OFF) | <u>5</u>  | ft |
| PW-5              | (ON) | OFF   | <u>4</u>  | ft |
| PW-6              | ON   | (OFF) | <u>13</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 7.46 gpm

Influent Totalizer Reading 9339689 gallons

Sequestering agent drum level ~35 in.

Amount of sequestering agent remaining ~51 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

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

Agway \_\_\_\_\_

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

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

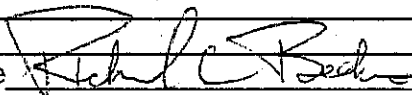
Bank 1 \_\_\_\_\_

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

PW-6 well still down waiting for a new pump and motor to be delivered.

Signature 

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

Date/Time 10/16/2006 9:30

Inspection personnel R C Becken

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

Weather Conditions clear 45 degrees

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

PW-6 pump down

Provide water level readings on control panel

|                   |      |       |          |    |
|-------------------|------|-------|----------|----|
| RW-1              | ON   | (OFF) | <u>9</u> | ft |
| PW-2              | ON   | (OFF) | <u>6</u> | ft |
| PW-3              | ON   | (OFF) | <u>6</u> | ft |
| PW-4              | ON   | (OFF) | <u>7</u> | ft |
| PW-5              | (ON) | OFF   | <u>4</u> | ft |
| PW-6              | ON   | (OFF) | <u>6</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 110 gpm

Influent Totalizer Reading 9548319 gallons

Sequestering agent drum level ~22 in.

Amount of sequestering agent remaining ~27 gallons

Sequestering agent feed rate 3 ml/min.

Sequestering agent metering Pump Pressure 1 psi

Bag filter top pressure 0 5 psi

Bag filter bottom pressure 0 0 psi



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

Influent feed pump in use           #1           (#2)

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

Air stripper blower in use           (#1)           #2

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

Air stripper r Pressure \_\_\_\_\_ 17 inches H<sub>2</sub>O

Effluent feed pump in use           (#1)           #2

Effluent feed pump pressure \_\_\_\_\_ 6 psi

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

Effluent Totalizer reading       \_\_\_\_\_ 29404530 gallons   258170 electron

Are building heaters in use?       YES           (NO)

Ambient air temperature           \_\_\_\_\_ 64.6 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 |           |                  |    |           |       |
| 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 \_\_\_\_\_

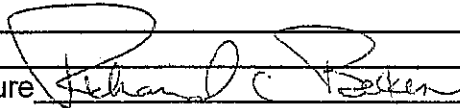
SP-1 1 scfm SP-2 3 scfm SP-3 3 scfm SFP-4 0 scfm \_\_\_\_\_

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

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

PW-6 well pump replaced , changed filters, cleaned treatment plant, ordered two drums of Redox 380 last Thursday October 12, had an emergency visit on Saturday October 14, due to storm and power outage.

Signature



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

Date/Time 10/23/2006 9:25

Inspection personnel R C Becken

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

Weather Conditions overcast 40 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>5</u> | ft |
| PW-3              | ON   | (OFF) | <u>6</u> | ft |
| PW-4              | (ON) | OFF   | <u>8</u> | ft |
| PW-5              | (ON) | OFF   | <u>6</u> | ft |
| PW-6              | ON   | (OFF) | <u>4</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 16.56 gpm

Influent Totalizer Reading 9948213 gallons

Sequestering agent drum level ~12 in.

Amount of sequestering agent remaining ~20 gallons

Sequestering agent feed rate 3 ml/min.

Sequestering agent metering Pump Pressure 1 psi

Bag filter top pressure 5 12 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 r Pressure \_\_\_\_\_ 16 inches H<sub>2</sub>O

Effluent feed pump in use (#1) #2

Effluent feed pump pressure \_\_\_\_\_ 6 psi

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

Effluent Totalizer reading \_\_\_\_\_ 29639685 gallons 258170 electron

Are building heaters in use? YES (NO)

Ambient air temperature \_\_\_\_\_ 63.5 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 #9-16-157  
System Inspection Form

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

Agway

vacuum 1 3"

air pressure 80 psi

Bank 1

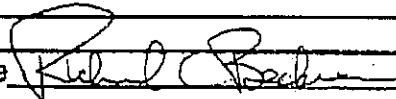
SP-1 1 scfm SP-2 3 scfm SP-3 3 scfm SFP-4 0 scfm

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



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 O&M 11/8/06 JJK

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 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       \_\_\_\_\_ 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 \_\_\_\_\_

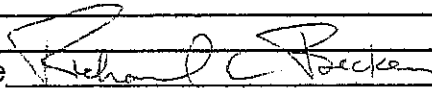
SP-1 1 scfm SP-2 3 scfm SP-3 3 scfm SFP-4 0 scfm \_\_\_\_\_

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





**Attachment B**  
**Analytical Report from**  
**Severn-Trent Laboratory**  
**Analytical Data Package #A06-B394**  
**Sampled: October 2, 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-B394


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

10/20/2006

## 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> |
| A6B39401             | Effluent                | WATER         | 10/02/2006     | 12:10       | 10/02/2006      | 14:05       |
| A6B39402             | Influent                | WATER         | 10/02/2006     | 12:00       | 10/02/2006      | 14:05       |

## METHODS SUMMARY

Job#: A06-B394STL Project#: NY5A9393.3Site Name: Ecology and Environment NYSDEC Standby

| <u>PARAMETER</u>                    | <u>ANALYTICAL<br/>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-B394STL 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-B394

Sample Cooler(s) were received at the following temperature(s); 17.2 °C  
Samples were received at a temperature of 17.2°C. 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

The analyte Methylene chloride was detected in the Method Blank VBLK20 (A6B2799402) 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

Samples designated for analysis of PH were received with minimal time remaining prior to holding time expiration. Samples were analyzed as soon as possible, but unfortunately all holding times were exceeded for this parameter.

\*\*\*\*\*

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.



## 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.

| <u>Client Sample ID</u> | <u>Lab Sample ID</u> | <u>Parameter (Inorganic)/Method (Organic)</u> | <u>Dilution</u> | <u>Code</u> |
|-------------------------|----------------------|---|-----------------|-------------|
| Influent                | A6B39402             | 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



Sample ID: Effluent

Lab Sample ID: A6B39401

Date Collected: 10/02/2006

Time Collected: 12:10

Date Received: 10/02/2006

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   | 10/11/2006 | 01:39 | RJ      |
| 1,1,2,2-Tetrachloroethane             | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| 1,1,2-Trichloroethane                 | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| 1,1-Dichloroethane                    | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| 1,1-Dichloroethene                    | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| 1,2,4-Trichlorobenzene                | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| 1,2-Dibromo-3-chloropropane           | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| 1,2-Dibromoethane                     | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| 1,2-Dichlorobenzene                   | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| 1,2-Dichloroethane                    | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| 1,2-Dichloropropane                   | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| 1,3-Dichlorobenzene                   | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| 1,4-Dichlorobenzene                   | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| 2-Butanone                            | ND     |      | 5.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| 2-Hexanone                            | ND     |      | 5.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| 4-Methyl-2-pentanone                  | ND     |      | 5.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| Acetone                               | 2.8    | J    | 5.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| Benzene                               | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| Bromodichloromethane                  | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| Bromoform                             | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| Bromomethane                          | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| Carbon Disulfide                      | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| Carbon Tetrachloride                  | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| Chlorobenzene                         | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| Chloroethane                          | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| Chloroform                            | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| Chloromethane                         | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| cis-1,2-Dichloroethene                | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| cis-1,3-Dichloropropene               | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| cyclohexane                           | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| Dibromochloromethane                  | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| Dichlorodifluoromethane               | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| Ethylbenzene                          | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| Isopropylbenzene                      | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| Methyl acetate                        | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| Methyl-t-Butyl Ether (MTBE)           | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| Methylcyclohexane                     | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| Methylene chloride                    | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| Styrene                               | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| Tetrachloroethene                     | 1.1    |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| Toluene                               | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| Total Xylenes                         | ND     |      | 3.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| trans-1,2-Dichloroethene              | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| trans-1,3-Dichloropropene             | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| Trichloroethene                       | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| Trichlorofluoromethane                | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |
| Vinyl chloride                        | ND     |      | 1.0       | UG/L  | 8260   | 10/11/2006 | 01:39 | RJ      |

Date: 10/20/2006

Time: 14:53:24

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

9/25 Page: 2  
Rept: AN1178

Sample ID: Effluent

Lab Sample ID: A6B39401

Date Collected: 10/02/2006

Time Collected: 12:10

Date Received: 10/02/2006

Project No: NY5A9393.3

Client No: 397714

Site No:

---

| Parameter              | Result | Flag | Detection | Units | Method | Date/Time  |       | Analyst |
|------------------------|--------|------|-----------|-------|--------|------------|-------|---------|
|                        |        |      | Limit     |       |        | Analyzed   |       |         |
| Wet Chemistry Analysis |        |      |           |       |        |            |       |         |
| pH                     | 8.38   |      | 0.500     | S.U.  | 150.1  | 10/03/2006 | 17:50 | SM      |
| Total Hardness         | 510    |      | 2.0       | MG/L  | 130.2  | 10/05/2006 | 16:45 | SM      |

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Sample ID: Influent

Date Received: 10/02/2006

Lab Sample ID: A6B39402

Project No: NY5A9393.3

Date Collected: 10/02/2006

Client No: 397714

Time Collected: 12:00

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   | 10/11/2006 | 02:03 | RJ      |
| 1,1,2,2-Tetrachloroethane             | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| 1,1,2-Trichloroethane                 | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| 1,1-Dichloroethane                    | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| 1,1-Dichloroethene                    | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| 1,2,4-Trichlorobenzene                | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| 1,2-Dibromo-3-chloropropane           | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| 1,2-Dibromoethane                     | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| 1,2-Dichlorobenzene                   | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| 1,2-Dichloroethane                    | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| 1,2-Dichloropropane                   | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| 1,3-Dichlorobenzene                   | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| 1,4-Dichlorobenzene                   | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| 2-Butanone                            | ND     |      | 100       | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| 2-Hexanone                            | ND     |      | 100       | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| 4-Methyl-2-pentanone                  | ND     |      | 100       | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| Acetone                               | ND     |      | 100       | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| Benzene                               | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| Bromodichloromethane                  | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| Bromoform                             | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| Bromomethane                          | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| Carbon Disulfide                      | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| Carbon Tetrachloride                  | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| Chlorobenzene                         | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| Chloroethane                          | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| Chloroform                            | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| Chloromethane                         | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| cis-1,2-Dichloroethene                | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| cis-1,3-Dichloropropene               | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| Cyclohexane                           | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| Dibromochloromethane                  | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| Dichlorodifluoromethane               | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| Ethylbenzene                          | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| Isopropylbenzene                      | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| Methyl acetate                        | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| Methyl-t-Butyl Ether (MTBE)           | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| Methylcyclohexane                     | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| Methylene chloride                    | 18     | BJ   | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| Styrene                               | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| Tetrachloroethene                     | 1200   |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| Toluene                               | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| Total Xylenes                         | ND     |      | 60        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| trans-1,2-Dichloroethene              | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| trans-1,3-Dichloropropene             | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| Trichloroethene                       | 44     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| Trichlorofluoromethane                | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |
| Vinyl chloride                        | ND     |      | 20        | UG/L  | 8260   | 10/11/2006 | 02:03 | RJ      |

Date: 10/20/2006

Time: 14:53:24

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

11/25 Page: 4  
Rept: AN1178

Sample ID: Influent

Lab Sample ID: A6B39402

Date Collected: 10/02/2006

Time Collected: 12:00

Date Received: 10/02/2006

Project No: NY5A9393.3

Client No: 397714

Site No:

| Parameter              | Result | Flag | Detection | Units | Method | Date/Time  |       | Analyst |
|------------------------|--------|------|-----------|-------|--------|------------|-------|---------|
|                        |        |      | Limit     |       |        | Analyzed   |       |         |
| Wet Chemistry Analysis |        |      |           |       |        |            |       |         |
| pH                     | 7.65   |      | 0.500     | S.U.  | 150.1  | 10/03/2006 | 17:50 | SM      |
| Total Hardness         | 520    |      | 2.0       | MG/L  | 130.2  | 10/05/2006 | 16:45 | SM      |

## Batch Quality Control Data

Date: 10/20/2006 14:57:10  
 Batch No: A6B27638

MS/MSD Batch QC Results

Rept: AM1392

Lab Sample ID: A6B50402 A6B50402MS A6B50402SD

| Analyte  | Units of Measure | Sample | Concentration |                 | Spike Amount |       | % Recovery |     | QC LIMITS |      |      |        |
|--|------------------|--------|---------------|-----------------|--------------|-------|------------|-----|-----------|------|------|--------|
|  |                  |        | Matrix Spike  | Spike Duplicate | MS           | MSD   | MS         | MSD | RPD       | REC. |      |        |
| WET CHEMISTRY ANALYSIS<br>METHOD 130.2 - TOTAL HARDNESS AS CaCO3 | MG/L             | 520.0  | 920.0         | 920.0           | 400.0        | 400.0 | 100        | 100 | 100       | 0    | 15.0 | 74-130 |

13/25

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

Lab Sample ID: A6B50408MS A6B50408MS

| Analyte  | Units of Measure | Concentration |              | Spike Amount | % Recovery MS | QC LIMITS |
|--|------------------|---------------|--------------|--------------|---------------|-----------|
|  |                  | Sample        | Matrix Spike |              |               |           |
| MET CHEMISTRY ANALYSIS<br>METHOD 130.2 - TOTAL HARDNESS AS CaCO3 | MG/L             | 700.0         | 1100         | 400.0        | 100           | 74-130    |

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

Chronology and QC  
Summary Package



| Client ID                   | Lab ID     | Units | Sample Value | Reporting Limit | Sample Value | Reporting Limit | Sample Value | Reporting Limit |
|-----------------------------|------------|-------|--------------|-----------------|--------------|-----------------|--------------|-----------------|
| Job No                      | vblk20     |       |              |                 |              |                 |              |                 |
| Sample Date                 | A06-B394   |       |              |                 |              |                 |              |                 |
|                             | A6B279940Z |       |              |                 |              |                 |              |                 |
| Analyte                     |            |       |              |                 |              |                 |              |                 |
| 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           | 1.0             | NA           |                 | NA           |                 |
| 2-Hexanone                  |            | UG/L  | ND           | 5.0             | 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  | 0.65 J       | 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           |                 |

Date: 10/20/2006  
Time: 14:53:32

Ecology and Environment NYSDEC standby  
Mr. C's site-002700,DC02  
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN1247

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| Client ID                      | Lab ID | vbllk20<br>A06-B594 | A6B2799402      | 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 |
| 1,1,2-Trichloro-1,2,2-trifluor | UG/L   | ND                  | 1.0             | NA           |                 | NA           |                 | NA           |                 |
| Trichlorofluoromethane         | UG/L   | ND                  | 1.0             | NA           |                 | NA           |                 | NA           |                 |
| Trichloroethene                | UG/L   | ND                  | 1.0             | NA           |                 | NA           |                 | NA           |                 |
| Vinyl chloride                 | UG/L   | ND                  | 1.0             | NA           |                 | NA           |                 | NA           |                 |
| Total xylenes                  | UG/L   | ND                  | 3.0             | NA           |                 | NA           |                 | NA           |                 |
| -IS/SURROGATE(S)               |        |                     |                 |              |                 |              |                 |              |                 |
| Chlorobenzene-D5               | %      | 86                  | 50-200          | NA           |                 | NA           |                 | NA           |                 |
| 1,4-Difluorobenzene            | %      | 87                  | 50-200          | NA           |                 | NA           |                 | NA           |                 |
| 1,4-Dichlorobenzene-D4         | %      | 79                  | 50-200          | NA           |                 | NA           |                 | NA           |                 |
| Toluene-D8                     | %      | 98                  | 76-122          | NA           |                 | NA           |                 | NA           |                 |
| p-Bromofluorobenzene           | %      | 113                 | 73-120          | NA           |                 | NA           |                 | NA           |                 |
| 1,2-Dichloroethane-D4          | %      | 96                  | 72-143          | NA           |                 | NA           |                 | NA           |                 |

NA = Not Applicable ND = Not Detected

STL Buffalo



Client Sample ID: vblk20  
 Lab Sample ID: A6B2799402

msb20  
 A6B2799401

| Analyte                             | Units of Measure | Blank Spike | Concentration Spike Amount | % Recovery Blank Spike | QC LIMITS |
|-------------------------------------|------------------|-------------|----------------------------|------------------------|-----------|
| METHOD 8260 - TCL VOLATILE ORGANICS |                  |             |                            |                        |           |
| 1,1-Dichloroethene                  | UG/L             | 27.4        | 25.0                       | 110                    | 65-142    |
| Trichloroethene                     | UG/L             | 26.5        | 25.0                       | 106                    | 71-120    |
| Benzene                             | UG/L             | 26.2        | 25.0                       | 105                    | 67-126    |
| Toluene                             | UG/L             | 24.1        | 25.0                       | 96                     | 69-120    |
| Chlorobenzene                       | UG/L             | 24.5        | 25.0                       | 98                     | 73-120    |

19/25

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

LCS  
A682763801

Client Sample ID: Method Blank  
Lab Sample ID: A682763802

| Analyte  | Units of Measure | Blank Spike | Concentration Spike Amount | % Recovery Blank Spike | QC LIMITS |
|--|------------------|-------------|----------------------------|------------------------|-----------|
| WET CHEMISTRY ANALYSIS<br>METHOD 130.2 - TOTAL HARDNESS AS CaCO3 | Mg/L             | 268.0       | 250.0                      | 107                    | 90-110    |

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

METHOD 8260 -- TCL VOLATILE ORGANICS

| Client Sample ID<br>Job No & Lab Sample ID   | Effluent<br>A06-B394 A6B39401   | Influent<br>A06-B394 A6B39402  |
|--|---|--|
| Sample Date<br>Received Date<br>Extraction Date<br>Analysis Date<br>Extraction HI Met?<br>Analytical HI Met?<br>Sample Matrix<br>Dilution Factor<br>Sample wt/vol<br>% Dry | 10/02/2006 12:10<br>10/02/2006 14:05<br>10/11/2006 01:39<br>YES<br>WATER<br>1.0<br>0.005 LITERS | 10/02/2006 12:00<br>10/02/2006 14:05<br>10/11/2006 02:03<br>YES<br>WATER<br>20.0<br>0.005 LITERS |

METHOD 8260 - TCL VOLATILE ORGANICS

|  |                               |  |  |  |
|--|-------------------------------|--|--|--|
| Client Sample ID<br>Job No & Lab Sample ID | vblk20<br>A06-B394 A6B2799402 |  |  |  |
| Sample Date                                |                               |  |  |  |
| Received Date                              |                               |  |  |  |
| Extraction Date                            |                               |  |  |  |
| Analysis Date                              |                               |  |  |  |
| Extraction HT Met?                         | 10/10/2006 23:01              |  |  |  |
| Analytical HT Met?                         | -                             |  |  |  |
| Sample Matrix                              | WATER                         |  |  |  |
| Dilution Factor                            | 1.0                           |  |  |  |
| Sample wt/vol                              | 0.005 LITERS                  |  |  |  |
| % Dry                                      |                               |  |  |  |

| 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 |
|----------|-----------|-------|----------------|--------|-----|--------------------|----------------|--------------|-----------|-----|---------------|---------|------------|
| A6B39401 | Effluent  | RECNY | pH             | 150.1  | 1.0 |                    | 10/02/06 12:10 | 10/02 14:05  | NA        |     | 10/03 17:50   | SM      | Y WATER    |
| A6B39402 | Influent  | RECNY | Total Hardness | 130.2  | 1.0 |                    | 10/02/06 12:10 | 10/02 14:05  | NA        |     | 10/05 16:45   | SM      | Y WATER    |
|          |           | RECNY | pH             | 150.1  | 1.0 |                    | 10/02/06 12:00 | 10/02 14:05  | NA        |     | 10/03 17:50   | SM      | Y WATER    |
|          |           | RECNY | Total Hardness | 130.2  | 1.0 |                    | 10/02/06 12:00 | 10/02 14:05  | NA        |     | 10/05 16:45   | SM      | Y WATER    |

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 INI | A Matrix |
|------------|--------------|-------|----------------|--------|-----|-------------------|-------------|--------------|-----------|---|---|---------------|---------|----------|
| A062763802 | Method Blank | RECNY | Total Hardness | 130.2  | 1.0 |                   | -           | -            | NA        |   |   | 10/05 16:45   | SM      | Y WATER  |

24/25

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



Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: Ecology & Environment, Inc.  
 Address: 368 Pleasant Views Dr.  
 City: Lancaster, State: NY, Zip Code: 14086

Project Manager: Mike Steffan  
 Telephone Number (Area Code)/Fax Number: (716) 684-8060 (716) 684-0844  
 Date: 10/2/06  
 Chain of Custody Number: 285176  
 Page: 1 of 1

Site Contact: Mike Steffan  
 Lab Contact: Tony B.  
 Carrier/Waybill Number: Oxim Enterprises Inc.

| Sample I.D. No. and Description<br>(Containers for each sample may be combined on one line) | Date    | Time | Matrix |         |      | Containers & Preservatives |         |       |      |     | Special Instructions/<br>Conditions of Receipt |      |              |  |  |  |  |
|---|---------|------|--------|---------|------|----------------------------|---------|-------|------|-----|--|------|--------------|--|--|--|--|
|   |         |      | Air    | Aqueous | Sed. | Soil                       | Unpres. | H2SO4 | HNO3 | HCl |  | NaOH | ZnAc<br>NaOH |  |  |  |  |
| Influent  | 10/2/06 | 1200 | ✓      |         |      |                            |         | 1     | 1    | 3   |  |      |              |  |  |  |  |
| Effluent  | 10/2/06 | 1210 | ✓      |         |      |                            |         | 1     | 1    | 3   |  |      |              |  |  |  |  |

Possible Hazard Identification:  
 Non-Hazard  Flammable  Skin Irritant  Poison B  Unknown  Return To Client  Disposal By Lab  Archive For \_\_\_\_\_ Months  (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required:  
 24 Hours  48 Hours  7 Days  14 Days  21 Days  Other \_\_\_\_\_

QC Requirements (Specify):

|                                   |               |            |
|-----------------------------------|---------------|------------|
| 1. Received By: Andrew Spychalski | Date: 10.2.06 | Time: 1405 |
| 2. Received By:                   | Date:         | Time:      |
| 3. Relinquished By:               | Date:         | Time:      |

Comments: 172 cells

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Slays with the Sample; PINK - Field Copy

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

| Utility Provider  |                     | Account #       | E&E Cost Center         | Description               | August '05    | September '05 | October '05  | November '05 | December '05 | January '06  | February '06 | March '06   | Utility Budget: | Electric: | Telephone: | Gas | Total: |  |
|---|---------------------|-----------------|-------------------------|---------------------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|-------------|-----------------|-----------|------------|-----|--------|--|
| New York State E&G  | 06-311-11-002616-26 | 000699.NY06.05  |                         | Mr. C's Electric Costs    | \$ 1,871.38   | \$ 1,813.41   | \$ 1,446.70  | \$1,762.12   | \$ 1,908.70  | \$ 2,459.47  | \$ 2,113.40  | \$ 2,294.83 | \$24,024.00     |           | \$680.00   |     |        |  |
| New York State E&G  | 76-311-11-015900-18 |                 |                         | Agway Site - Electric     | \$ 294.92     | \$ 227.81     | \$ 314.54    | \$267.23     | \$ 316.73    | \$ 356.57    | \$ 315.85    | \$ 325.53   | \$1,100.00      |           |            |     |        |  |
| National Fuel Gas   | 5819628-05          | 000699.NY06.05  |                         | Mr. C's Natural Gas Costs | \$ 8.61       | \$ 8.61       | \$ 181.57    |              | \$ 159.08    | \$ 93.57     | \$ 149.49    | \$ -        | \$25,804.00     |           |            |     |        |  |
| <b>Totals</b>   |                     |                 |                         |                           | \$ 2,165.70   | \$ 2,049.83   | \$ 1,942.81  | \$2,029.35   | \$ 2,384.51  | \$ 2,909.61  | \$ 2,578.74  | \$ 2,620.36 |                 |           |            |     |        |  |
|   |                     |                 |                         | Mr. C's Electric Costs    | April '06     | May '06       | June '06     | July '06     | August '06   | Sept '06     | Oct '06      | Nov '06     |                 |           |            |     |        |  |
|   |                     |                 |                         | Agway Electric            | \$ 1,916.90   | \$ 1,627.85   | \$ 1,898.10  | \$ 1,595.81  | \$ 1,862.59  | \$ 1,714.36  |              |             | \$ 2,628.56     |           |            |     |        |  |
|   |                     |                 |                         | Mr. C's Natural Gas Costs | \$ 308.99     | \$ 299.15     | \$ 328.10    | 273.92       | \$ 184.80    | \$ 145.99    |              |             | \$ 279.57       |           |            |     |        |  |
|   |                     |                 |                         | <b>Totals</b>             | \$ -          | \$ 0.73       | \$ 14.90     |              |              | \$ 17.42     | \$ 20.79     | \$ 53.85    |                 |           |            |     |        |  |
|   |                     |                 |                         | <b>Electric</b>           | \$ 2,225.88   | \$ 1,927.73   | \$ 2,241.10  | \$ 1,595.81  | \$ 2,047.39  | \$ 1,877.77  | \$ 20.79     | \$ 20.79    | \$ 53.85        | \$0.00    |            |     |        |  |
|   |                     |                 |                         | <b>Natural Gas</b>        | \$ 26,285.62  | \$ 646.16     |              |              |              |              |              |             |                 |           |            |     |        |  |
| <b>Grand Total - NYSE&amp;G/National Fuel Gas Costs To Date</b> |                     |                 |                         |                           | \$ 26,931.78  |               |              |              |              |              |              |             |                 |           |            |     |        |  |
| <b>Phone</b>  |                     |                 |                         |                           |               |               |              |              |              |              |              |             |                 |           |            |     |        |  |
| Utility Provider  | Phone #             | E&E Cost Center | Location Description    | August '05                | September '05 | October '05   | November '05 | December '05 | January '06  | February '06 | March '06    |             |                 |           |            |     |        |  |
| Verizon   | 716-652-0094        | 000699.NY06.05  | Mr. C's Telephone Costs | \$ -                      | \$ 38.60      | \$ 39.71      | \$ 38.94     | \$ 38.86     | \$ 38.56     | \$ 39.03     | \$ 38.59     |             |                 |           |            |     |        |  |
| Account#  |                     |                 |                         |                           |               |               |              |              |              |              |              |             |                 |           |            |     |        |  |
| 716 652 0094 416 26 2   |                     |                 |                         | April '06                 | May '06       | June '06      | July '06     | August '06   | Sept '06     | Oct '06      | Nov '06      |             |                 |           |            |     |        |  |
|   |                     |                 |                         | \$ 38.59                  | \$ 43.63      | \$ 42.37      | \$ 41.00     | \$ 41.26     | \$ -         | \$ -         |              |             |                 |           |            |     |        |  |
| <b>Grand Total - Verizon Costs to Date</b>                      |                     |                 |                         | \$                        | 479.14        |               |              |              |              |              |              |             |                 |           |            |     |        |  |
| <b>Grand Total All Utilities To Date</b>                        |                     |                 |                         | \$                        | 27,410.92     |               |              |              |              |              |              |             |                 |           |            |     |        |  |

\*\*\*\*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**  
**October 2006 Report**

| Month          | Possible OP Hours | Actual OP Hours | Up-Time Percent | Percent Capacity* | General Operation Comments   | Electric:  | Budget Remaining: |
|----------------|-------------------|-----------------|-----------------|-------------------|--|------------|-------------------|
| September-03   | 96                | 96              | 100.00%         | 58%               | Shutdown by Tyree after Separable Part B inspection  |            | -\$2,261.62       |
| October-03     | 168               | 168             | 100.00%         | 6%                | Official Startup by O&M Enterprises on 10/22/03  | Telephone: | \$200.86          |
| November-03    | 720               | 720             | 100.00%         | 5%                |  | Gas        | \$453.84          |
| December-03    | 744               | 744             | 100.00%         | 28%               |  | Total:     | -\$1,606.92       |
| January-04     | 672               | 672             | 100.00%         | 16%               |  |            |                   |
| February-04    | 696               | 696             | 100.00%         | 21%               |  |            |                   |
| March-04       | 816               | 816             | 99.88%          | 51%               |  |            |                   |
| April-04       | 672               | 670             | 99.70%          | 50%               | Equipment shutdown- low flow of water to air stripper - 5/17-24/04                               |            |                   |
| May-04         | 696               | 513             | 73.71%          | 43%               | Individual pumps shutdown for inspection and cleaning  |            |                   |
| June-04        | 696               | 692             | 99.43%          | 30%               | 100% operational   |            |                   |
| July-04        | 840               | 840             | 100.00%         | 47%               | 100% operational   |            |                   |
| August-04      | 672               | 672             | 100.00%         | 42%               | 100% operational   |            |                   |
| September-04   | 840               | 820             | 97.62%          | 31%               | Temporary Stripper Shutdown  |            |                   |
| October-04     | 672               | 607             | 90.33%          | 33%               | 65 hour weekend shutdown due to low pressure problems with the airstripper                       |            |                   |
| November-04    | 696               | 641.5           | 92.17%          | 37%               |  |            |                   |
| December-04    | 816               | 792             | 97.06%          | 42%               |  |            |                   |
| January-05     | 840               | 840             | 100.00%         | 46%               | GAC units removed from treatment system operations   |            |                   |
| February-05    | 672               | 660             | 98.21%          | 41%               | GAC units removed from project site 1/14/05  |            |                   |
| March-05       | 840               | 828             | 98.57%          | 33%               | Unit shut down for additional cleaning and sequestering agent review.                            |            |                   |
| April-05       | 696               | 609             | 87.50%          | 58%               | Unit cleaned April 8, 2005. Back in service until new sequestering agent approved and installed. |            |                   |
| May-05         | 840               | 788             | 93.81%          | 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               | 686             | 100.00%         | 26.4%             | Stripper cleaning performed  |            |                   |
| September-06   | 840               | 834             | 99.29%          | 28.2%             | power outage from severe winter storm 10/12-10/14  |            |                   |
| October-06     | 628               | 609             | 96.91%          | 27.0%             | Based on OM services provided by EEEPC/OMEI since 9/03.  |            |                   |
| Totals to Date | 26740             | 26016           | 97.29%          |                   |  |            |                   |

\* Percent Capacity is based on initial operating groundwater flows from the eight installed pumps from 9/02.  
 Evaluated on total gallons discharged for monthly operating time  
 Maximum pump discharges calculated as an average of 78 gpm as the total for all 8 pumps at the site if all pumps operate 100%.  
 With the exception of groundwater pump RW-1 all other pumps run a batch basis

| Projected Utility Costs for the O&M year (10/05 to 4/06) |                    |                          |                    |
|--|--------------------|--------------------------|--------------------|
|  | Ave./Month         |                          |                    |
| Mr. C's Electric   | \$ 2,628.56        |                          |                    |
| Agway Electric   | \$ 279.57          |                          |                    |
| Mr. C's Gas  | \$ 53.85           |                          |                    |
| Mr. C's Telephone  | \$ 53.24           |                          |                    |
| <b>Ave. Utility Cost Total</b>                           | <b>\$ 3,015.22</b> | <b>12 month Estimate</b> | <b>\$39,197.81</b> |