



ecology and environment engineering, p.c.

BUFFALO CORPORATE CENTER
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April 11, 2005

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

Re: Mr. C's Dry Cleaners Site, Contract # D004180, Site # 9-15-157
March 2005 Operations, Maintenance, and Monitoring Report

Dear Mr. Chiusano:

Ecology and Environment Engineering, P.C. (EEEPC) is pleased to provide this March 2005 Operation, Maintenance, and Monitoring (OM&M) Report for the Mr. C's Dry Cleaners Site, NYSDEC Site # 9-15-157, located in East Aurora, New York. Copies of weekly inspection reports from EEEPC's subcontractor O&M Enterprises, Inc. (OMEI) are provided as Attachment A. Selected pages from the individual analytical data packages prepared by Severn - Trent Laboratories (STL) are provided as Attachments B. All analytical results for the report were analyzed at the lowest detection limits in accordance with the method standard. Remedial treatment system utility costs are provided as Attachment C.

The system was shutdown on April 4, 2005 as a result of non-compliance sampling results from March 7, 2005. An action plan of performing an additional cleaning of the air stripping unit and discussions with the equipment manufacturer for alternative sequestering agents to be used was discussed with Mr. Greg Sutton, NYSDEC Region 9. The air stripping unit will not be restarted until after the unit is cleaned and an alternative sequestering agent is submitted and approved for use with the system.

In review of the on-site treatment system operation for March 2005, EEEPC offers the following comments and highlights:

Operational Summary

- The system was operational for 98.6% of the period between 2/28/05 and 4/4/05. 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 March 2005 indicate that approximately 1,295,692 gallons of groundwater were processed through the treatment system from 2/28/05 through 4/4/05. 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.

- Piezometer measurements around the groundwater pumping wells were collected on 3/7/05 and 4/4/05 at the time of compliance sampling for March and April. OMEI had difficulties obtaining piezometer readings due to vehicles parked over the top of some covers and deep snow piled over some of the other off-site piezometers.
- Filters in the bag filter unit were replaced during weekly inspections on 3/7/05, 3/14/05, 3/21/05, 3/28/05, and 4/4/05.
- Groundwater pumps from PW-2, PW-3, PW-4, PW-5, PW-6, and PW-8 were removed from the casing and replaced with previously cleaned, inspected and operational pumps.
- Checklists for weekly system inspections from OMEI are provided as Attachment A for 3/7/05, 3/14/05, 3/21/05, 3/28/05, and 4/4/05. Weekly system checks indicate that the air stripper differential pressure and vacuum has increased over the month. Additional performance monitoring for air stripper system efficiency needs to be performed once the unit becomes operational.
- A copy of the site utility costs from EEEPC operations from October 2004 to date is provided as Attachment C.

Analytical Summary - Groundwater

- EEEPC and OMEI personnel collected weekly samples of influent and effluent groundwater on March 7, 2005 for the reporting period (2/28/05 and 4/4/05) as part of the normal O&M services. At the request of the Department the lowest possible method detection limits were used for the analysis. The results are discussed below.
- The VOCs detected in the influent and effluent groundwater during the March 2005 sampling events are presented in Table 3.
- The March analytical results (15 ug/L) indicate that the treated groundwater effluent was above the compliance (10 ug/L) with the Effluent Limitation Requirements for VOCs specifically Tetrachloroethene (PCE). A comparison between the March 2005 analytical results and the Effluent Limitation Requirements for the site are provided in Table 4. As a result the air stripping unit and remainder of the treatment system was shutdown on April 4, 2005 until further evaluation of the air stripper could be performed.
- Approximately 9.5 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 removal volumes is located in Table 5. These values are calculated based on totalizer readings and assumes that non-detect values given in the analytical data package = 0 µg/L and that the monthly samples are indicative of the influent characteristics and system performance for the entire reporting period.
- Pursuant to Greg Sutton's email of January 14, 2005, metals, total suspended solids (TSS), total dissolved solids (TDS) and cyanide have been deleted from the compliance sampling and analytical program. The remaining analyses include VOCs, hardness and pH. Future monthly deliverables were requested

Mr. David Chiusano, Project Manager
April 11, 2005
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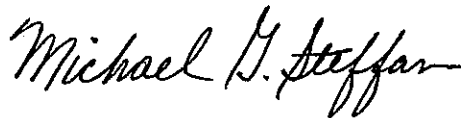
to be submitted electronically to Dave Szymanski with only the cover letter and tables transmitted by hard copy.

- No further air sampling for compliance monitoring will be performed on the project. The vapor phase carbon units have been taken off-line from the treatment system and shipped offsite to another NYSDEC location.

In addition to the above O & M service work, the subslab depressurization system was completed in January 2005. The indoor ambient air sampling was performed on February 14, 2005 and the final report issued to the Department and New York State Department of Health on March 17, 2005. The results indicated successful operation of the depressurization unit.

If you have any questions regarding the March 2005 O&M report summary submitted, please call me a 716-684-8060.

Very Truly Yours,



Michael G. Steffan
Project Manager
Ecology and Environment Engineering, P. C.

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

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

| Month | Reporting Hours | Operational Up-time |
|--------------------------------------|-----------------|---------------------|
| September 2002 | 576 | 100% |
| October 2002 | 744 | 99.33% |
| November 2002 | 720 | 93.41% |
| December 2002 | 744 | 80.65% |
| January 2003 | 744 | 59.15% |
| February 2003 | 672 | 63.39% |
| March 2003 | 744 | 82.39% |
| April 2003 | 720 | 100% |
| May 2003 | 744 | 100% |
| June 2003 | 720 | 90.00% |
| July 2003 | 744 | 100% |
| August 2003 | 744 | 100% |
| September 1-4, 2003 | 96 | 100% |
| October 22 -29, 2003 | 168 | 100% |
| October 29 - November 25, 2003 | 648 | 99% |
| November 25 - December 29, 2003 | 816 | 100% |
| December 29, 2003 – January 26, 2004 | 672 | 100% |
| January 26 – February 24, 2004 | 696 | 100% |
| February 24 – March 29, 2004 | 816 | 99.97% |
| March 29 – April 26, 2004 | 672 | 99.70% |
| April 26 – May 24, 2004 | 696 | 73.70% |
| May 24 – June 21, 2004 | 696 | 99.43% |
| June 22 – July 26, 2004 | 840 | 100% |
| July 27 – August 23, 2004 | 672 | 100% |
| August 23 - September 27, 2004 | 840 | 97.62% |
| September 27 - October 25, 2004 | 672 | 90.33% |
| October 25 - November 23, 2004 | 696 | 92.17% |
| November 23 - December 27, 2004 | 816 | 97.06% |
| December 27, 2004 - January 31, 2005 | 840 | 100% |
| January 31, 2005 - February 28, 2005 | 660 | 98.20% |
| February 28, 2005 - April 4, 2005 | 828 | 98.60% |

Average Operational Up-time = 94.00%

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 from 10/03 - present.

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

| Month | Actual Period | Gallons |
|-----------------------------|-----------------------|-------------------|
| September 2002 ¹ | 9/5/02 - 10/2/02 | 4,362,477 |
| October 2002 ¹ | 10/2/02 - 11/4/02 | 4,290,429 |
| November 2002 ¹ | 11/4/02 - 12/2/02 | 3,326,126 |
| December 2002 ¹ | 12/2/02 - 1/7/03 | 3,349,029 |
| January 2003 ¹ | 1/7/03 - 2/3/03 | 1,973,144 |
| February 2003 ¹ | 2/3/03 - 3/10/03 | 2,158,771 |
| March 2003 ¹ | 3/10/03 - 4/7/03 | 3,263,897 |
| April 2003 ¹ | 4/7/03 - 5/2/03 | 2,574,928 |
| May 2003 ¹ | 5/2/03 - 6/2/03 | 1,652,538 |
| June 2003 ¹ | 6/2/03 - 6/30/03 | 2,002,990 |
| July 2003 ¹ | 6/30/03 - 7/29/03 | 2,543,978 |
| August 2003 ¹ | 7/29/03 - 8/25/03 | 2,042,424 |
| September 2003 ¹ | 8/25/03 - 10/22/03 | 370,446 |
| October 2003 ² | 10/22/03 - 10/29/03 | 67,424 |
| November 2003 ² | 10/29/03 - 11/25/03 | 224,278 |
| December 2003 ² | 11/25/03 - 12/29/03 | 1,496,271 |
| January 2004 ² | 12/29/03 - 01/26/04 | 688,034 |
| February 2004 ² | 01/26/04 - 02/24/04 | 736,288 |
| March 2004 ² | 02/24/04 - 03/29/04 | 2,164,569 |
| April 2004 ² | 03/29/04 - 04/26/04 | 1,741,730 |
| May 2004 ² | 4/26/2004 - 5/24/2004 | 1,408,095 |
| June 2004 ² | 5/24/2004 - 6/21/2004 | 972,132 |
| July 2004 ² | 6/22/2004 - 7/26/2004 | 1,858,790 |
| August 2004 ² | 7/27/04 - 8/23/04 | 1,289,960 |
| September 2004 ² | 8/23/04 - 9/27/04 | 1,201,913 |
| October 2004 ² | 9/27/04 - 10/25/04 | 937,560 |
| November 2004 ² | 10/25/04 - 11/23/04 | 1,098,158 |
| December 2004 ² | 11/23/04 - 12/27/04 | 1,556,063 |
| January 2005 ² | 12/27/04 - 1/31/05 | 1,798,238 |
| February 2005 ² | 1/31/05 - 2/28/05 | 1,271,562 |
| March 2005 ² | 2/28/05 - 4/4/05 | 1,295,692 |
| TOTAL GALLONS | | 55,717,934 |

NOTES:

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

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

| Parameter | Daily Maximum ¹ | Units | March 7, 2005 Effluent Analytical Values |
|-----------------------------|----------------------------|----------------|--|
| Flow | 216,000 | gpd | 38,252.43 gpd ⁶ |
| pH | 6.0 - 9.0 | standard units | 8.14 |
| 1,1 Dichloroethene | 10 | µg/L | ND (<1.00) |
| 1,2 Dichloroethene | 10 | µg/L | ND (<1.00) |
| Trichloroethene | 10 | µg/L | 0.41 J |
| Tetrachloroethene | 10 | µg/L | 15.0 |
| Vinyl Chloride | 10 | µg/L | ND (<1.00) |
| Benzene | 5 | µg/L | ND (<1.00) |
| Ethylbenzene | 5 | µg/L | ND (<1.00) |
| Methylene Chloride | 10 | µg/L | ND (<1.00) |
| 1,1,1 Trichloroethane | 10 | µg/L | ND (<1.00) |
| Toluene | 5 | µg/L | 0.58 J |
| Methyl-t-Butyl Ether (MTBE) | NA | ug/L | ND (<1.00) |
| o-Xylene ³ | 5 | µg/L | NA |
| m, p-Xylene ³ | 10 | µg/L | NA |
| Total Xylenes | NA | ug/L | ND (<3.00) |
| Iron, total | 600 | µg/L | NA |
| Aluminum | 4,000 | µg/L | NA |
| Copper | 48 | µg/L | NA |
| Lead | 11 | µg/L | NA |
| Manganese | 2,000 | µg/L | NA |
| Silver | 100 | µg/L | NA |
| Vanadium | 28 | µg/L | NA |
| Zinc | 230 | µg/L | NA |
| Total Dissolved Solids | 850 | mg/L | NA |
| Total Suspended Solids | 20 | mg/L | NA |
| Hardness | N/A | mg/l | 468 |
| Cyanide, Free | 10 | µg/L | NA |

NOTES:

1. "Daily Maximum" excerpted from Attachment E of Addendum 1 to the Construction Contract Documents.
2. Analytical report did not differentiate between o-Xylene and m, p-Xylene. Total Xylene value reported is given in each line.
3. Shaded cells indicate that analytical value exceeds the "Daily Maximum"
4. "ND" indicates that the compound was not detected and lists the practical quantitation limit in parentheses.
5. "NA" indicates that analyses were not performed and data is unavailable.
6. Average flows based on effluent readings taken February 28 through March 7, 2005. Total gallons 267,767 divided by 7 operating days.

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

| Month | Actual Period | Influent VOCs (µg/L) | Effluent VOCs (µg/L) | VOCs Removed (lbs.) |
|--|-----------------------|-------------------------|-------------------------|------------------------|
| September 2002 ⁶ | 9/5/02 - 10/2/02 | 1297 | 1 | 47.2 |
| October 2002 ⁶ | 10/2/02 - 11/4/02 | 2000 | 1 | 71.6 |
| November 2002 ⁶ | 11/4/02 - 12/2/02 | 1685 | 0 | 46.8 |
| December 2002 ⁶ | 12/2/02 - 1/7/03 | 1586 | 9 | 44.1 |
| January 2003 ⁶ | 1/7/03 - 2/3/03 | 1803 | 10 | 29.5 |
| February 2003 ⁶ | 2/3/03 - 3/10/03 | 1985 | 3 | 35.7 |
| March 2003 ⁶ | 3/10/03 - 4/7/03 | 1990 | 5 | 54.1 |
| April 2003 ⁶ | 4/7/03 - 5/2/03 | 1656 | 3 | 35.5 |
| May 2003 ⁶ | 5/2/03 - 6/2/03 | 1623 | 7 | 22.3 |
| June 2003 ⁶ | 6/2/03 - 6/30/03 | 5787 | 6 | 96.6 |
| July 2003 ⁶ | 6/30/03 - 7/29/03 | 1356 | 1 | 28.8 |
| August 2003 ⁶ | 7/29/03 - 8/25/03 | 1263 | 3 | 21.5 |
| September 2003 ⁶ | 8/25/03 - 10/22/03 | 1263 | 3 | 3.9 |
| October 2003 ⁷ | 10/22/03 - 10/29/03 | 1693.69 | 1.47 | 1.0 |
| November 2003 ⁷ | 10/29/03 - 11/25/03 | 2510.83 | 4.4 | 4.7 |
| December 2003 ⁷ | 11/25/03 - 12/29/03 | 503.3 | 10.5 | 6.2 |
| January 2004 ⁷ | 12/29/03 - 01/26/04 | 3667 | 15.8 | 21.0 |
| February 2004 ⁷ | 01/26/04 - 02/24/04 | 3348.6 | 26.7 | 20.4 |
| March 2004 ⁷ | 02/24/04 - 03/29/04 | 1939.3 | 4.96 | 34.9 |
| April 2004 ⁷ | 03/29/04 - 04/26/04 | 2255 | 0.0 | 32.8 |
| May 2004 ⁷ | 4/26/2004 - 5/24/2004 | 2641 | 13.3 | 30.9 |
| June 2004 ⁷ | 5/24/2004 - 6/21/2004 | 1454 | 1.7 | 22.5 |
| July 2004 ⁷ | 6/22/2004 - 7/26/2004 | 1313 | 3.6 | 20.3 |
| August 2004 ⁷ | 7/27/04 - 8/23/04 | 2305 | 7.4 | 24.7 |
| September 2004 ⁷ | 8/23/04 - 9/27/04 | 1453 | 6.7 | 14.5 |
| October 2004 ⁷ | 9/27/04 - 10/25/04 | 1504 | 14.3 | 11.7 |
| November 2004 ⁷ | 10/25/04 - 11/23/04 | 1480 | 36.42 | 13.2 |
| December 2004 ^{7,8} | 11/23/04 - 12/27/04 | 1562 | 132.21 | 18.6 |
| January 2005 ⁷ | 12/27/04 - 1/31/05 | 1264 | 47.5 | 18.3 |
| February 2005 ⁹ | 1/31/05 - 2/28/05 | 1538 | 53.2 | 15.8 |
| March 2005 ⁹ | 1/31/05 - 2/28/05 | 931 | 56.0 | 9.5 |
| Total pounds of VOCs removed from inception = | | | | 858.2 |

NOTES:

1. Calculations are based on monthly water samples and assumes samples are representative of the entire reporting period.
2. Calculations assume that non-detect values = 0 µg/L.
Total VOCs summations include estimated "J" values.
3. Calculations are based on totalizer readings.
4. "Influent VOCs" and "Effluent VOCs" values given above is the summation of values for individual compounds given in monthly analytical reports.
5. No samples were collected in September 2003. August 2003 values are used.
6. Treatment system operated by Tyree Organization, Ltd. from 9/02 to 9/03.
7. Treatment system operated by O&M Enterprises from 10/03 to present.
8. Average influent and effluent concentrations used for December 2004.
9. Compliance sampling from February 8, 2005 used for monthly calculations.

CONVERSIONS:

1 pound = 453.5924 grams

1 gallon = 3.785 liters

Pounds of VOCs removed calculated by the following formula:

$$(931 \text{ ug/L} - 56 \text{ ug/L}) * (1 \text{ g} / 10^6 \text{ ug}) * (1 \text{ lb} / 453.5924 \text{ g}) * 1,295,692 \text{ gallons} * (3.785 \text{ L} / \text{gallon}) \sim 9.5 \text{ lbs}$$

where 1,295,692 gallons is the monthly process water volume.

Attachment A
OMEI Weekly Inspection Reports
March 2005

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

Date/Time 3/7/05 9:00

Inspection personnel Richard Becken

Other personnel on site Jim Mays

Weather Conditions clear 39 degrees

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

Provide water level readings on control panel

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

Influent Flow Rate 61.29 gpm

Influent Totalizer Reading 4329442 gallons

Sequestering agent drum level 0 ft-in

Amount of sequestering agent remaining 0 gallons

Sequestering agent feed rate 0 gpm

Sequestering agent metering Pump Pressure 0 psi

Bag filter top pressure 5 psi

Bag filter bottom pressure 0 psi

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

Influent feed pump in use #1 (#2)

Influent Pump Pressure _____ 7 psi

Air stripper blower in use (#1) #2

Air stripper differential pressure _____ 0.23 inches H₂O

Air stripper vacuum _____ 4 inches H₂O 23" water pressure
in stripper sump

Effluent feed pump in use (#1) #2

Effluent feed pump pressure _____ 8 psi

Effluent flow rate _____ ~90 gpm

Effluent Totalizer reading _____ 8385196 gallons

Are building heaters in use? (YES) NO

Ambient air temperature _____ 55 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 | | 1:00 | 7.41 | 9.69 | 55.1 |
| Air stripper effluent | | 1:00 | 7.85 | 3.34 | 57.9 |
| 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: _____

I found that PW-7 and PW-8 were reading faulty numbers on the control panel for water levels, PW-7 was reading 65507 and PW-8 was 65508. Opened electrical boxes for both wells and found that the box for PW-7 had evidence of water being in it and PW-8 box was dry. Opened the level probe junction box for PW-8 and it was full off water and one wire was disconnected. Repaired that and left the junction box open because the water entered the box from the conduit. PW-7 junction box was wet inside but no water except what I could see in the conduit, it also had one wire disconnected which after I reconnected it the probe for this well functioned properly. Both wells operating properly by 1:00pm. Need to discuss with Mr. Steffan where the water may be entering this conduit.

Describe any other system maintenance performed
Changed filters, afterwhich influent flow increas ed to 95

Signature _____

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

Date 3/7/2005

Measurements taken by RC Becken

| | | | |
|-------|--------------|----|--------------------------------|
| RW-1 | <u>18.9</u> | ft | Comments _____ |
| PZ-1A | <u>11.75</u> | ft | Comments _____ |
| PZ-1B | <u>11.41</u> | ft | Comments _____ |
| PZ-1C | <u>12.55</u> | ft | Comments _____ |
| PZ-1D | _____ | ft | Comments <u>cover with car</u> |
| PW-2 | <u>25.46</u> | ft | Comments _____ |
| PZ-2A | <u>11.25</u> | ft | Comments _____ |
| PZ-2B | _____ | ft | Comments <u>can't find</u> |
| PZ-2C | <u>11.11</u> | ft | Comments _____ |
| PZ-2D | _____ | ft | Comments <u>can't find</u> |
| PW-3 | _____ | ft | Comments <u>can't find</u> |
| PZ-3A | _____ | ft | Comments <u>can't find</u> |
| PZ-3B | _____ | ft | Comments <u>can't find</u> |
| PZ-3C | _____ | ft | Comments <u>can't find</u> |
| PZ-3D | <u>11.76</u> | ft | Comments _____ |
| PW-4 | <u>22.72</u> | ft | Comments _____ |
| PZ-4A | <u>11.99</u> | ft | Comments _____ |
| PZ-4B | <u>11.26</u> | ft | Comments _____ |
| PZ-4C | <u>11.41</u> | ft | Comments _____ |
| PZ-4D | <u>10.75</u> | ft | Comments _____ |

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

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

Date 3/7/2005

Measurements taken by RC Becken

| | | | |
|-------|--------------|----|----------------------------------|
| PW-5 | <u>21.2</u> | ft | Comments _____ |
| PZ-5A | <u>11</u> | ft | Comments _____ |
| PZ-5B | <u>11.05</u> | ft | Comments _____ |
| PZ-5C | <u>10.64</u> | ft | Comments _____ |
| PZ-5D | <u>11.44</u> | ft | Comments _____ |
| PW-6 | _____ | ft | Comments <u>cover with car</u> |
| PZ-6A | _____ | ft | Comments <u>can't find</u> |
| PZ-6B | _____ | ft | Comments <u>covered with car</u> |
| PZ-6C | _____ | ft | Comments <u>can't find</u> |
| PZ-6D | <u>11.34</u> | ft | Comments _____ |
| PW-7 | <u>11.05</u> | ft | Comments _____ |
| MPI6S | <u>11.1</u> | ft | Comments _____ |
| PZ-7B | <u>11.31</u> | ft | Comments _____ |
| OCW | <u>11.21</u> | ft | Comments _____ |
| PZ-7D | <u>11.18</u> | ft | Comments _____ |
| PW-8 | <u>7.3</u> | ft | Comments _____ |
| PZ-8A | <u>8.05</u> | ft | Comments _____ |
| PZ-8B | <u>8</u> | ft | Comments _____ |
| PZ-8C | <u>7.65</u> | ft | Comments _____ |
| PZ-8D | <u>7.97</u> | ft | Comments _____ |

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

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

Date/Time 3/14/05 9:15

Inspection personnel RC Becken

Other personnel on site _____

Weather Conditions clear 22 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>9</u> | ft |
| PW-2 | ON | (OFF) | <u>7</u> | ft |
| PW-3 | ON | (OFF) | <u>3</u> | ft |
| PW-4 | ON | (OFF) | <u>7</u> | ft |
| PW-5 | (ON) | OFF | <u>5</u> | ft |
| PW-6 | (ON) | OFF | <u>6</u> | ft |
| PW-7 | (ON) | OFF | <u>7</u> | ft |
| PW-8 | ON | (OFF) | <u>5</u> | ft |
| Equalization tank | | | <u>4</u> | ft |

Influent Flow Rate 43.14 gpm

Influent Totalizer Reading 4862427 gallons

Sequestering agent drum level 0 ft-in

Amount of sequestering agent remaining 0 gallons

Sequestering agent feed rate 0 gpm

Sequestering agent metering Pump Pressure 0 psi

Bag filter top pressure 24 psi

Bag filter bottom pressure 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 _____ 8 psi

Air stripper blower in use (#1) #2

Air stripper differential pressure _____ 0.24 inches H₂O

Air stripper vacuum _____ 4 inches H₂O

Effluent feed pump in use (#1) #2

Effluent feed pump pressure _____ 7 psi

Effluent flow rate _____ ~90 gpm

Effluent Totalizer reading _____ 8703677 gallons

Are building heaters in use? (YES) NO

Ambient air temperature _____ 60 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

Date/Time 3/21/05

Inspection personnel RC Becken

Other personnel on site _____

Weather Conditions light snow 34 degrees

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

Provide water level readings on control panel

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

Influent Flow Rate 36.91 gpm

Influent Totalizer Reading 5321340 gallons

Sequestering agent drum level 0 ft-in

Amount of sequestering agent remaining 0 gallons

Sequestering agent feed rate 0 gpm

Sequestering agent metering Pump Pressure 0 psi

Bag filter top pressure 26 psi

Bag filter bottom pressure 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 _____ 8 psi

Air stripper blower in use (#1) #2

Air stripper differential pressure _____ 0.17 inches H₂O

Air Stripper Sump Pressure _____ 26 inches H₂O

Effluent feed pump in use (#1) #2

Effluent feed pump pressure _____ 7 psi

Effluent flow rate _____ ~90 gpm

Effluent Totalizer reading _____ 8980110 gallons

Are building heaters in use? (YES) NO

Ambient air temperature _____ 61 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

Date/Time 3/28/05 8:58

Inspection personnel RC Becken

Other personnel on site _____

Weather Conditions overcast 45 degrees

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

Provide water level readings on control panel

| | | | | |
|-------------------|------|-------|-----------|----|
| RW-1 | (ON) | OFF | <u>10</u> | ft |
| PW-2 | ON | (OFF) | <u>5</u> | ft |
| PW-3 | ON | (OFF) | <u>7</u> | ft |
| PW-4 | ON | (OFF) | <u>3</u> | ft |
| PW-5 | (ON) | OFF | <u>11</u> | ft |
| PW-6 | ON | (OFF) | <u>4</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 26.52 gpm

Influent Totalizer Reading 5650461 gallons

Sequestering agent drum level 0 ft-in

Amount of sequestering agent remaining 0 gallons

Sequestering agent feed rate 0 gpm

Sequestering agent metering Pump Pressure 0 psi

Bag filter top pressure 30 psi

Bag filter bottom pressure Jan-00 psi

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

Influent feed pump in use #1 (#2)
 Influent Pump Pressure _____ 7 psi
 Air stripper blower in use (#1) #2
 Air stripper differential pressure _____ 0.13 inches H₂O
 Air stripper r Pressure _____ 38 inches H₂O

Effluent feed pump in use #1 (#2)
 Effluent feed pump pressure _____ 7 psi
 Effluent flow rate _____ ~88 gpm
 Effluent Totalizer reading _____ 9179063 gallons

Are building heaters in use? YES (NO)
 Ambient air temperature _____ 58 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: _____

Removed pumps from PW-3 and PW-8 and replaced with cleaned and checked pumps both wells pumping as designed.

Describe any other system maintenance performed
Changed filters after which influent flow increased to 75.68 gpm.

Signature Richard C. Beck

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

Date/Time 4/4/05 9:10

Inspection personnel RC Becken

Other personnel on site J. Mayes

Weather Conditions sunny 37 degrees

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

Provide water level readings on control panel

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

Influent Flow Rate 25.9 gpm

Influent Totalizer Reading 6036276 gallons

Sequestering agent drum level 0 ft-in

Amount of sequestering agent remaining 0 gallons

Sequestering agent feed rate 0 gpm

Sequestering agent metering Pump Pressure 0 psi

Bag filter top pressure 30 psi

Bag filter bottom pressure 0 psi

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

Influent feed pump in use #1 (#2)

Influent Pump Pressure _____ 7 psi

Air stripper blower in use (#1) #2

Air stripper differential pressure _____ 0.12 inches H₂O

Air stripper r Pressure _____ 43 inches H₂O

Effluent feed pump in use #1 (#2)

Effluent feed pump pressure _____ 8 psi

Effluent flow rate _____ ~90 gpm

Effluent Totalizer reading _____ 9413121 gallons

Are building heaters in use? (YES) NO

Ambient air temperature _____ 58 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: _____

Mike Steffan of E&E called to inform me of an exceedance in March 2005 analytical for effluent discharge, therefore I will shutdown the system until the stripper trays can be inspected and cleaned.

Describe any other system maintenance performed
Changed filters after which the influent flow increased to 75.4 gpm

Signature Richard C. Barber

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

Date 4/4/2005

Measurements taken by RC Becken J. Mays

| | | | |
|-------|--------------|----|---|
| RW-1 | <u>23.68</u> | ft | Comments _____ |
| PZ-1A | <u>10.63</u> | ft | Comments _____ |
| PZ-1B | <u>10.3</u> | ft | Comments _____ |
| PZ-1C | <u>11.44</u> | ft | Comments _____ |
| PZ-1D | _____ | ft | Comments <u>covered with parked car</u> |
| PW-2 | _____ | ft | Comments <u>snow covered</u> |
| PZ-2A | _____ | ft | Comments <u>snow covered</u> |
| PZ-2B | _____ | ft | Comments <u>snow covered</u> |
| PZ-2C | _____ | ft | Comments <u>snow covered</u> |
| PZ-2D | _____ | ft | Comments <u>snow covered</u> |
| PW-3 | _____ | ft | Comments <u>snow covered</u> |
| PZ-3A | _____ | ft | Comments <u>snow covered</u> |
| PZ-3B | _____ | ft | Comments <u>snow covered</u> |
| PZ-3C | _____ | ft | Comments <u>snow covered</u> |
| PZ-3D | <u>10.64</u> | ft | Comments _____ |
| PW-4 | <u>21.1</u> | ft | Comments _____ |
| PZ-4A | <u>10.72</u> | ft | Comments _____ |
| PZ-4B | <u>10.14</u> | ft | Comments _____ |
| PZ-4C | <u>9.61</u> | ft | Comments _____ |
| PZ-4D | <u>10.33</u> | ft | Comments _____ |

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

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

Date 4/4/2005 Measurements taken by RC Becken J. Mayes

| | | | |
|--------|--------------|----|------------------------------|
| PW-5 | <u>15.5</u> | ft | Comments _____ |
| PZ-5A | <u>9.55</u> | ft | Comments _____ |
| PZ-5B | <u>9.89</u> | ft | Comments _____ |
| PZ-5C | <u>9.45</u> | ft | Comments _____ |
| PZ-5D | <u>10.25</u> | ft | Comments _____ |
| PW-6 | <u>20.4</u> | ft | Comments _____ |
| PZ-6A | _____ | ft | Comments <u>snow covered</u> |
| PZ-6B | <u>10.53</u> | ft | Comments _____ |
| PZ-6C | _____ | ft | Comments <u>snow covered</u> |
| PZ-6D | <u>10.45</u> | ft | Comments _____ |
| PW-7 | <u>17.32</u> | ft | Comments _____ |
| MPI-6S | _____ | ft | Comments <u>snow covered</u> |
| PZ-7B | <u>11.02</u> | ft | Comments _____ |
| OW-B | <u>10.8</u> | ft | Comments _____ |
| PZ-7D | _____ | ft | Comments <u>snow covered</u> |
| PW-8 | <u>19.8</u> | ft | Comments _____ |
| PZ-8A | <u>7.34</u> | ft | Comments _____ |
| PZ-8B | <u>7.25</u> | ft | Comments _____ |
| PZ-8C | <u>6.81</u> | ft | Comments _____ |
| PZ-8D | <u>7.1</u> | ft | Comments _____ |

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

Attachment B
Selected pages from
Severn-Trent Laboratory
Analytical Data Package # A5-2021
March 7, 2005

1/29



STL

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

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

ANALYTICAL REPORT

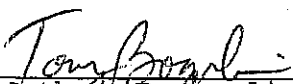
Job#: A05-2021

REC'D
BY MGS 4/4/05

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

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

STL Buffalo



Anthony E. Bogolin
Project Manager

03/24/2005



STL Buffalo Current Certifications

| STATE | Program | Cert # / Lab ID |
|-----------------------|-----------------------------|------------------------|
| Arkansas | SDWA, CWA, RCRA, SOIL | 03-054-D/88-0686 |
| California | NELAP SDWA, CWA, RCRA | 01169CA |
| Connecticut | SDWA, CWA, RCRA, SOIL | PH-0568 |
| Florida | NELAP RCRA | E87672 |
| Georgia | SDWA | 956 |
| Illinois | NELAP SDWA, CWA, RCRA | 200003 |
| Iowa | SW/CS | 374 |
| Kansas | NELAP SDWA, CWA, RCRA | E-10187 |
| Kentucky | SDWA | 90029 |
| Kentucky UST | UST | 30 |
| Louisiana | NELAP CWA, RCRA | 2031 |
| Maine | SDWA, CWA | NY044 |
| Maryland | SDWA | 294 |
| Massachusetts | SDWA, CWA | M-NY044 |
| Michigan | SDWA | 9937 |
| Minnesota | CWA, RCRA | 036-999-337 |
| New Hampshire | NELAP SDWA, CWA | 233701 |
| New Jersey | SDWA, CWA, RCRA, CLP | NY455 |
| New York | NELAP, AIR, SDWA, CWA, RCRA | 10026 |
| North Carolina | CWA | 411 |
| North Dakota | SDWA, CWA, RCRA | R-176 |
| Oklahoma | CWA, RCRA | 9421 |
| Pennsylvania | Env. Lab Reg. | 68-281 |
| South Carolina | RCRA | 91013 |
| USDA | FOREIGN SOIL PERMIT | S-41579 |
| Virginia | SDWA | 278 |
| Washington | CWA | C254 |
| West Virginia | CWA | 252 |
| Wisconsin | CWA | 998310390 |
| | | |
| | | |
| | | |

SAMPLE SUMMARY

| <u>LAB SAMPLE ID</u> | <u>CLIENT SAMPLE ID</u> | <u>MATRIX</u> | <u>SAMPLED</u> | | <u>RECEIVED</u> | |
|----------------------|-------------------------|---------------|----------------|-------------|-----------------|-------------|
| | | | <u>DATE</u> | <u>TIME</u> | <u>DATE</u> | <u>TIME</u> |
| A5202101 | Effluent | WATER | 03/07/2005 | 11:00 | 03/07/2005 | 13:43 |
| A5202102 | Influent | WATER | 03/07/2005 | 10:50 | 03/07/2005 | 13:43 |

METHODS SUMMARY

Job#: A05-2021STL Project#: NY5A9393.3Site Name: Ecology and Environment NYSDEC Standby

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

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#: A05-2021STL Project#: NY5A9393.3Site Name: Ecology and Environment NYSDEC StandbyGeneral Comments

The enclosed data 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

A05-2021

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

GC/MS Volatile Data

The Relative Percent Difference (RPD) between the Matrix Spike and the Matrix Spike duplicate of sample Influent exceeded quality control limits for the analytes 1,1-Dichloroethene, Benzene, and Trichloroethene. The Matrix Spike Blank recoveries were compliant, so no corrective action is required.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

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

| <u>Client Sample ID</u> | <u>Lab Sample ID</u> | <u>Parameter (Inorganic)/Method (Organic)</u> | <u>Dilution</u> | <u>Code</u> |
|-------------------------|----------------------|---|-----------------|-------------|
| Influent | A5202102 | 8260 | 25.00 | 008 |
| Influent | A5202102MS | 8260 | 25.00 | 008 |
| Influent | A5202102SD | 8260 | 25.00 | 008 |

Dilution Code Definition:

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

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected at or above the reporting limit.
- 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 a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. 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 at or above the reporting limit.
- 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.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
- 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 analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample Data Package

Sample ID: Effluent

Lab Sample ID: A5202101

Date Collected: 03/07/2005

Time Collected: 11:00

Date Received: 03/07/2005

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 - 25 ML | | | | | | | | |
| 1,1,1-Trichloroethane | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| 1,1,2-Trichloroethane | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| 1,1-Dichloroethane | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| 1,1-Dichloroethene | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| 1,2-Dibromo-3-chloropropane | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| 1,2-Dibromoethane | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| 1,2-Dichlorobenzene | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| 1,2-Dichloroethane | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| 1,2-Dichloropropane | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| 1,3-Dichlorobenzene | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| 1,4-Dichlorobenzene | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| 2-Butanone | 8.0 | | 5.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| 2-Hexanone | ND | | 5.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| 4-Methyl-2-pentanone | ND | | 5.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| Acetone | 32 | | 5.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| Benzene | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| Bromodichloromethane | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| Bromoform | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| Bromomethane | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| Carbon Disulfide | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| Carbon Tetrachloride | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| Chlorobenzene | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| Chloroethane | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| Chloroform | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| Chloromethane | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| cis-1,2-Dichloroethene | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| cis-1,3-Dichloropropene | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| Cyclohexane | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| Dibromochloromethane | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| Dichlorodifluoromethane | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| Ethylbenzene | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| Isopropylbenzene | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| Methyl acetate | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| Methylcyclohexane | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| Methylene chloride | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| Styrene | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| Tetrachloroethene | 15 | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| Toluene | 0.58 | J | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| Total Xylenes | ND | | 3.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| trans-1,2-Dichloroethene | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| trans-1,3-Dichloropropene | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| Trichloroethene | 0.41 | J | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| Trichlorofluoromethane | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |
| Vinyl chloride | ND | | 1.0 | UG/L | 8260 | 03/16/2005 | 08:35 | CDC |

Date: 03/24/2005

Time: 21:27:21

Ecology and Environment NYSDEC Standby

Mr. C's Site-000699.NY06

10/29 Page: 2
Rept: AN1178

Sample ID: Effluent

Lab Sample ID: A5202101

Date Collected: 03/07/2005

Time Collected: 11:00

Date Received: 03/07/2005

Project No: NY5A9393.3

Client No: 397714

Site No:

| Parameter | Result | Flag | Detection | Units | Method | Date/Time | | Analyst |
|------------------------|--------|------|-----------|-------|--------|------------|-------|---------|
| | | | Limit | | | Analyzed | | |
| Wet Chemistry Analysis | | | | | | | | |
| pH | 8.14 | | 0 | S.U. | 150.1 | 03/08/2005 | 18:15 | SM |
| Total Hardness | 468 | | 2.0 | MG/L | 130.2 | 03/11/2005 | 14:15 | SM |

Sample ID: Influent

Lab Sample ID: A5202102

Date Collected: 03/07/2005

Time Collected: 10:50

Date Received: 03/07/2005

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 - 25 ML | | | | | | | | |
| 1,1,1-Trichloroethane | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| 1,1,2,2-Tetrachloroethane | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| 1,1,2-Trichloroethane | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| 1,1-Dichloroethane | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| 1,1-Dichloroethene | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| 1,2,4-Trichlorobenzene | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| 1,2-Dibromo-3-chloropropane | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| 1,2-Dibromoethane | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| 1,2-Dichlorobenzene | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| 1,2-Dichloroethane | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| 1,2-Dichloropropane | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| 1,3-Dichlorobenzene | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| 1,4-Dichlorobenzene | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| 2-Butanone | ND | | 120 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| 2-Hexanone | ND | | 120 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| 4-Methyl-2-pentanone | ND | | 120 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| Acetone | ND | | 120 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| Benzene | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| Bromodichloromethane | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| Bromoform | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| Bromomethane | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| Carbon Disulfide | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| Carbon Tetrachloride | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| Chlorobenzene | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| Chloroethane | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| Chloroform | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| Chloromethane | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| cis-1,2-Dichloroethene | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| cis-1,3-Dichloropropene | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| Cyclohexane | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| Dibromochloromethane | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| Dichlorodifluoromethane | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| Ethylbenzene | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| Isopropylbenzene | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| Methyl acetate | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| Methyl-t-Butyl Ether (MTBE) | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| Methylcyclohexane | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| Methylene chloride | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| Styrene | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| Tetrachloroethene | 910 | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| Toluene | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| Total Xylenes | ND | | 75 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| trans-1,2-Dichloroethene | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| trans-1,3-Dichloropropene | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| Trichloroethene | 21 | J | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| Trichlorofluoromethane | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |
| Vinyl chloride | ND | | 25 | UG/L | 8260 | 03/16/2005 | 14:39 | LH |

Date: 03/24/2005

Time: 21:27:21

Ecology and Environment NYSDEC Standby
Mr. C's Site-000699.NY06

Sample ID: Influent
Lab Sample ID: A5202102
Date collected: 03/07/2005
Time collected: 10:50

Date Received: 03/07/2005
Project No: NY5A9393.3
Client No: 397714
Site No:

| Parameter | Result | Flag | Detection Limit | Units | Method | Date/Time | | Analyst |
|------------------------|--------|------|--------------------|-------|--------|------------|-------|---------|
| | | | | | | Analyzed | | |
| Wet Chemistry Analysis | | | | | | | | |
| pH | 7.84 | | 0 | S.U. | 150.1 | 03/08/2005 | 18:15 | SM |
| Total Hardness | 480 | | 2.0 | MG/L | 130.2 | 03/11/2005 | 14:15 | SM |

Attachment C
Summary of Site Utility Costs and Projections
October 2003 to March 2005

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

NYSDEC Work Assignment #27.4

12 Months of System Operation and Maintenance

March 2005 Report

| Utility Provider | Account # | E&E Cost Center | Description | October '04 | November | December | January '05 | February | March '05 | April '05 | May '05 |
|-------------------|------------|-----------------|---------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------|-------------|
| Gas and Electric | 06-311-11- | 000699.NY06.05 | Mr. C's Electric Costs | \$ 1,016.84 | \$ 1,531.47 | \$ 1,681.89 | \$ 1,863.21 | \$ 1,835.14 | \$ 2,002.24 | | |
| | 002616-26 | | | | | | | | | | |
| National Fuel Gas | 5819628-05 | 000699.NY06.05 | Mr. C's Natural Gas Costs | \$ - | \$ - | \$ - | \$ 39.23 | \$ 481.04 | \$ 184.90 | | |
| | | | Totals | \$ 1,016.84 | \$ 1,531.47 | \$ 1,681.89 | \$ 1,902.44 | \$ 2,316.18 | \$ 2,187.14 | | |
| | | | | June '05 | July '05 | August '05 | September | October | November | December | Ave./Month |
| | | | Mr. C's Electric Costs | | | | | | | | \$ 1,772.66 |
| | | | Mr. C's Natural Gas Costs | | | | | | | | \$ 173.42 |
| | | | Totals | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 1,946.08 |

Grand Total - NYSE&G/National Fuel Gas Costs To Date \$ 10,635.96

Estimated Reading

| Phone # | E&E Cost Center | Location Description | October '04 | November | December | January '05 | February '05 | March '05 | April '05 | May '05 |
|--------------|-----------------|-------------------------|-------------|----------|----------|-------------|--------------|-----------|-----------|------------|
| 716-652-0094 | 000699.NY06.05 | Mr. C's Telephone Costs | \$ 39.56 | \$ 38.76 | \$ 39.10 | \$ 39.08 | \$ 38.66 | | | |
| | | | | | | | | | | |
| | | | June '05 | July '05 | August | September | October | November | December | Ave./Month |
| | | | | | | | | | | \$ 39.03 |

Grand Total - Verizon Costs to Date \$ 195.16

Grand Total All Utilities To Date \$ 10,831.12

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

