



# ecology and environment engineering, p.c.

International Specialists in the Environment

BUFFALO CORPORATE CENTER

368 Pleasant View Drive

Lancaster, New York 14086

Tel: (716) 684-8060, Fax: (716) 684-0844

May 8, 2012

Mr. William Welling, 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.DC13, Site # 9-15-157  
April 2012 Operations, Maintenance, and Monitoring Report

Dear Mr. Welling:

Ecology and Environment Engineering, P.C. (EEEPC) is pleased to provide the April 2012 Operations, 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 prepared by EEEPC's subcontractor, Iyer Environmental Group, PLLC (IEG) are provided in Attachment A. Selected pages from the individual analytical data package prepared by Mitkem Laboratories, Inc. (MLI) are provided as Attachments B. The full analytical reports along with QA/QC information will be retained by EEEPC. 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 April 2012, EEEPC offers the following comments and highlights:

## Operational Summary

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

- Checklists for weekly system inspections from IEG are provided as Attachment A for 4/4, 4/10, 4/17, 4/23, and 4/30/12.
- Based on the weekly inspection results performed by IEG, the remedial treatment system had a 100.00% operational up-time (Table 1) and the treatment of contaminated groundwater totaling of 208,864 gallons (Table 2) for April 2012.
- Initial sampling occurred on April 3, 2012 with the analytical results received on April 23, 2012. The results of the sampling indicated no compliance issues with the effluent discharge requirements for Tetrachloroethene (PCE) or any other contaminants on the SPDES Equivalency Permit. The PCE effluent results for April 2012 were 2.1 ug/L.

**Mr. William Welling, Project Manager**

**May 8, 2012**

**Page 2 of 3**

- The analytical results revealed the influent concentration to be 602 µg/L or 602 ppb, and 2.1 µg/L or 2.1 ppb of treated effluent. PCE effluent concentrations were 2.1 µg/L or 2.1 ppb which is under the 10 µg/L or 10 ppb limit. The summary of influent and effluent contaminant concentrations for the April 3, 2012 sampling events is presented in Table 4.
- The cleanup efficiency for the contaminants of concern at the site during the reporting / operating period 4/4/12 to 4/30/12 was 99.65%. The air stripper unit on the Mr. C's property is currently in compliance and MLI continues to provide analytical data to sub-ppb accuracy, supporting the accurate determination of effluent contaminant levels. The summary of Effluent Discharge Criteria & Analytical Compliance Results for April 2012 is presented in Table 3.
- The Mr. C's treatment system based on the total monthly flows has effectively removed 1.05 lbs. of targeted contaminants from the groundwater below the site in the month of April 2012. The calculations and data for the month are presented in Table 5.

#### **Mr. C's Site – Updated Property Information**

- In December 2011, operations ceased with the Mr. C's Dry Cleaners business. Dry cleaning equipment and ancillary equipment were removed from the premises. In April, activity was noticed with cosmetic changes inside and outside of the building. Followup with the current property should be performed to see if the change in use of the facility will affect treatment operations of the state's superfund site.

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

- The Agway facility treatment unit was turned off in December 2011.
- The facility was turned off as a result of future bioaugmentation work in that area and as directed by the NYSDEC Project manager.

#### **Subslab Depressurization Systems (SSDS) – First Presbyterian Church and 27 Whaley Ave. sites**

- No current operational issues.
- Sampling and system(s) inspection at the 1<sup>st</sup> Presbyterian Church was performed on December 11, 2011.
- Fan bearing noisy on the SSDS fan on the west-side of the classroom building. SSDS fan was replaced on February 2, 2012.
- Blower #2 motor was replaced April 16, 2012; however, the new motor experienced mechanical issues and is being sent back to the manufacturer. The system is currently running on Blower #1.

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

- A copy of the site utility costs from the Mr. C's and Agway remedial operations for January through April 2012 are provided as Attachment C.
- The Agway system power was turned off in December 2011.

**Mr. William Welling, Project Manager**  
**May 8, 2012**  
**Page 3 of 3**

If you have questions regarding the April 2012 OM&M report summary, please do not hesitate to contact me at 716-684-8060.

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

A handwritten signature in black ink that reads "Michael G. Steffan". The signature is written in a cursive style with a long horizontal stroke at the end.

Michael G. Steffan  
Project Manager

cc: D. Szymanski, Region 9, NYSDEC - Buffalo w/ attachments  
D. Iyer, IEG - w/attachments  
CTF- 002700.DC13.02.01.01

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

| Month   | Reporting Hours  | Operational Up-time |
|---|------------------|---------------------|
| <b>(Up-time from inception to 1/4/12)</b>         | <b>79,183.50</b> | <b>96.27%</b>       |
| January 4, 2012 - February 2, 2012                | 696              | 100.00%             |
| February 2, 2012 - March 5, 2012                  | 768              | 100.00%             |
| March 5, 2012 - April 4, 2012                     | 720              | 100.00%             |
| April 4, 2012 - April 30, 2012                    | 624              | 100.00%             |
|   |                  | #DIV/0!             |
|   |                  | #DIV/0!             |
|   |                  | #DIV/0!             |
|   |                  | #DIV/0!             |
|   |                  | #DIV/0!             |
|   |                  | #DIV/0!             |
|   |                  | #DIV/0!             |
|   |                  | #DIV/0!             |
|   |                  | #DIV/0!             |
|   |                  | #DIV/0!             |
|   |                  | #DIV/0!             |
|   |                  | #DIV/0!             |
| <b>Total Hours from System Startup '2/02'</b>     | <b>81,991.50</b> |                     |
| <b>Average Operational Up-time from startup =</b> |                  | <b>96.40%</b>       |
| <b>Average Operational Up-time for 2012 =</b>     |                  | <b>100.00%</b>      |

**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 - 7/07.
4. Treatment system operated by Iyer Environmental Group from 7/07 to present.

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

| Month                                     | Actual Period           | Gallons (Treated Effluent) |
|---|-------------------------|----------------------------|
| <b>Total - Inception to December 2011</b> | <b>9/5/02 - 12/4/12</b> | <b>118,436,077</b>         |
| January 2012 <sup>3</sup>                 | 1/5/12 - 2/2/12         | 451,020                    |
| February 2012 <sup>3</sup>                | 2/2/12 - 3/5/12         | 422,955                    |
| March 2012 <sup>3</sup>                   | 3/5/12 - 4/4/12         | 357,397                    |
| April 2012 <sup>3</sup>                   | 4/4/12 - 4/30/12        | 208,864                    |
|   |                         |                            |
|   |                         |                            |
|   |                         |                            |
|   |                         |                            |
|   |                         |                            |
|   |                         |                            |
|   |                         |                            |
|   |                         |                            |
| <b>Total Gallons Treated in 2012</b>      |                         | <b>1,440,236</b>           |
| <b>Total Gallons Treated To Date:</b>     |                         | <b>119,876,313</b>         |

NOTES:

1. System operated by Tyree Organization Ltd. From 9/02 - 9/03.
2. System operated by O&M Enterprises from 10/03 - 7/07.
3. System operated by IEG PLLC from 7/07 - present.

**Table 3**  
**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          | April 3, 2012 Effluent Analytical Values Compliance |
|-----------------------------|----------------------------|----------------|---|
| Flow                        | N/A                        | gpd            | 8,033   |
| pH                          | 6.0 - 9.0                  | standard units | 8.1   |
| 1,1 Dichloroethene          | 10                         | µg/L           | 1.0 U   |
| 1,1 Dichloroethane          | 10                         | µg/L           | 1.0 U   |
| cis-1,2-dichloroethene      | 10                         | µg/L           | 1.0 U   |
| Trichloroethene             | 10                         | µg/L           | 1.0 U   |
| Tetrachloroethene           | 10                         | µg/L           | 2.1   |
| Vinyl Chloride              | 10                         | µg/L           | 1.0 U   |
| Benzene                     | 5                          | µg/L           | 1.0 U   |
| Ethylbenzene                | 5                          | µg/L           | 1.0 U   |
| Methylene Chloride          | 10                         | µg/L           | 1.0 U   |
| 1,1,1 Trichloroethane       | 10                         | µg/L           | 1.0 U   |
| Toluene                     | 5                          | µg/L           | 1.0 U   |
| Methyl-t-Butyl Ether (MTBE) | NA                         | µg/L           | 1.0 U   |
| o-Xylene <sup>2</sup>       | 5                          | µg/L           | NA  |
| m, p-Xylene <sup>2</sup>    | 10                         | µg/L           | NA  |
| Total Xylenes               | NA                         | µg/L           | 1.0 U   |
| 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           | 540   |
| Cyanide, Free               | 10                         | µg/L           | NA <sup>9</sup>                                     |

**NOTES:**

- "Daily Maximum" excerpted from Attachment E of Addendum 1 to the Construction Contract Documents dated October 2000.
- Analytical report did not differentiate between o-Xylenes and m, p-Xylene. Total Xylene value reported is given in each line.
- Shaded cells indicate that analytical value exceeds the "Daily Maximum."
- "ND" indicates that the compound was not detected and lists the practical quantitation limit in parentheses.
- "NA" indicates that analyses were not performed and data is unavailable.
- Average flows based on effluent readings taken April 4, 2012 through April 30, 2012. Total gallons: 208,864 divided by 26 operating days.
- "U" indicates an estimated value below the detection limit.
- "B" indicates analyte found in the associated blank.
- Removed from the required analysis list by NYSDEC Region 9 in February 2005.

**40** Indicates non-compliance with the NYSDEC effluent discharge requirements  
**NR** Indicates Not Reported by Lab

**Table 4**  
**Mr. C's Dry Cleaners Site Remediation**  
**NYSDEC Site #9-15-157**  
**April 2012 VOC Analytical Summary**

| Compound                              | Based on the 4/3/12 Effluent Sampling Results |                                |                          |
|---------------------------------------|---|--------------------------------|--------------------------|
|                                       | Influent Concentration* (ug/L)                | Effluent Concentration* (ug/L) | Cleanup Efficiency** (%) |
| Acetone                               | ND (<50)                                      | U                              | NA                       |
| Benzene                               | ND (<10)                                      | U                              | NA                       |
| 2-Butanone                            | ND (<50)                                      | U                              | NA                       |
| cis-1, 2-Dichloroethene               | ND (<10)                                      | U                              | NA                       |
| Chloroform                            | ND (<10)                                      | U                              | NA                       |
| Methylene chloride                    | ND (<10)                                      | U                              | NA                       |
| Methyl tert-butyl ether (MTBE)        | ND (<10)                                      | U                              | NA                       |
| Tetrachloroethene                     | 570.0   | 2.1                            | 99.63%                   |
| Toluene                               | ND (<10)                                      | U                              | NA                       |
| Trichloroethene                       | 32.0  | ND (<1.0)                      | 100.00%                  |
| Carbon Disulfide                      | ND (<10)                                      | U                              | NA                       |
| 1,1,2 Trichloro-1,2,2-trifluoroethane | ND (<10)                                      | U                              | NA                       |
| Cyclohexane                           | ND (<10)                                      | U                              | NA                       |
| trans-1,2-dichloroethene              | ND (<10)                                      | U                              | NA                       |
| Chlorobenzene                         | ND (<10)                                      | U                              | NA                       |
| Methylcyclohexane                     | ND (<10)                                      | U                              | NA                       |
| Methyl acetate                        | ND (<10)                                      | U                              | NA                       |
| Total Xylenes                         | ND (<10)                                      | U                              | NA                       |
| <b>April 2012 TOTALS (in ug/L) =</b>  | <b>602.0</b>                                  | <b>2.10</b>                    | <b>99.65%</b>            |

- Notes:
1. "NA" = Not applicable
  2. "U" = Compound analyzed, but was not detected. Detection limit in parentheses.
  3. "DJ" or "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" indicates the compound concentration was obtained from a secondary dilution analysis..

\* (<50) - Detection Limit  
 \*\* Contaminants of Concern only

**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.) |
|--|------------------|-------------------------|-------------------------|------------------------|
| Total pounds of VOCs removed from inception to December 2011 = |                  |                         |                         | 1525.66                |
| January 2012   | 1/4/12 - 2/2/12  | 2829.0                  | 2.90                    | 10.77                  |
| February 2012  | 2/2/12 - 3/5/12  | 809.7                   | 3.77                    | 3.03                   |
| March 2012   | 3/5/12 - 4/4/12  | 653.0                   | 3.30                    | 1.94                   |
| April 2012   | 4/4/12 - 4/30/12 | 602.0                   | 2.10                    | 1.05                   |
| May 2012   |                  |                         |                         |                        |
| June 2012  |                  |                         |                         |                        |
| July 2012  |                  |                         |                         |                        |
| August 2012  |                  |                         |                         |                        |
| September 2012   |                  |                         |                         |                        |
| October 2012   |                  |                         |                         |                        |
| November 2012  |                  |                         |                         |                        |
| December 2012  |                  |                         |                         |                        |
| Total pounds of VOCs removed from inception =                  |                  |                         |                         | 1,542.45               |
| Total pounds of VOCs removed in 2012 =                         |                  |                         |                         | 16.79                  |

**HISTORICAL NOTES:**

1. Calculations are based on monthly water samples and assumes samples are representative of the entire reporting period.
2. Calculations assume that non-detect values = 0 ug/L.
3. Total VOCs summations include estimated "J" values.
4. Calculations are based on effluent totalizer readings.
5. "Influent VOCs" and "Effluent VOCs" values given above is the summation of values for individual compounds given in monthly analytical reports.
6. No samples were collected in September 2003. August 2003 values are used.
7. Treatment system operated by Tyree Organization, Ltd. from 9/02 to 9/03.
8. Treatment system operated by O&M Enterprises from 10/03 to 7/07.
9. Treatment system operated by IEG from 7/07 to present.

**CONVERSIONS:**

1 pound = 453.5924 grams  
1 gallon = 3.785 liters

**Based on the Analytical Results from Each Month:**

Pounds of VOCs removed calculated by the following formula:

$$(VOCs_{influent} - VOCs_{effluent})(\mu g/L) \cdot (1g/10^6 \mu g) \cdot (1 lb/453.5924 g) \cdot (Monthly\ process\ water)(gal) \cdot (3.785 L/gallon)$$



**Attachment A**  
**IEG Weekly Inspection Reports**  
**April 2012**

**Including:**

4/4/12

4/10/12

4/17/12

4/23/12

4/30/12

**MR. C's DRY CLEANERS SITE**  
**NYSDEC Site #9-15-157**  
**OM&M: SITE INSPECTION FORM**

DATE: 4-Apr-12 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen, D. Iyer OTHER PERSONNEL: \_\_\_\_\_

WEATHER CONDITIONS: Partly cloudy, warm OUTSIDE TEMPERATURE (°F): 49

ARE WELL PUMPS OPERATING IN AUTO: YES: \_\_\_\_\_ NO:  If "NO", provide explanation below  
PW-7 and PW-8 are OFF due to maintenance problems. PW-7 and PW-8 do not cycle down.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

|      |           |  |             |      |   |  |              |
|------|-----------|--|-------------|------|---|--|--------------|
| RW-1 | ON: _____ | OFF: <input checked="" type="checkbox"/> | <u>8</u> ft | PW-5 | ON: _____                               | OFF: <input checked="" type="checkbox"/> | <u>7</u> ft  |
| PW-2 | ON: _____ | OFF: <input checked="" type="checkbox"/> | <u>6</u> ft | PW-6 | ON: <input checked="" type="checkbox"/> | OFF: _____                               | <u>8</u> ft  |
| PW-3 | ON: _____ | OFF: <input checked="" type="checkbox"/> | <u>6</u> ft | PW-7 | ON: <input checked="" type="checkbox"/> | OFF: _____                               | <u>16</u> ft |
| PW-4 | ON: _____ | OFF: <input checked="" type="checkbox"/> | <u>8</u> ft | PW-8 | ON: <input checked="" type="checkbox"/> | OFF: _____                               | <u>11</u> ft |

EQUALIZATION TANK: 3 ft Last Alarm D/T/Condition: 3/20/12 Air Stripper Low Level

NOTES: \_\_\_\_\_

INFLUENT FLOW RATE: 7 gpm INFLUENT TOTALIZER READING: 1,901,026.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 16 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 27 gallons

SEQUESTERING AGENT FEED RATE: 6.0 ml/min METERING PUMP PRESSURE: 3.0 psi

|                       |       |           |              |        |               |              |
|-----------------------|-------|-----------|--------------|--------|---------------|--------------|
|                       |       | Top       | Bottom       |        | Top           | Bottom       |
| BAG FILTER PRESSURES: | LEFT: | <u>20</u> | <u>0</u> psi | RIGHT: | <u>40 - 8</u> | <u>0</u> psi |

INFLUENT FEED PUMP IN USE: #1  #2 \_\_\_\_\_ INFLUENT PUMP PRESSURE: 15 psi

AIR STRIPPER BLOWER IN USE: #1  #2 \_\_\_\_\_ AIR STRIPPER PRESSURE: 12.0 in. H<sub>2</sub>O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.015 in. H<sub>2</sub>O DISCHARGE PRESSURE: 4.5 in. H<sub>2</sub>O

EFFLUENT PUMP IN USE: #1  #2 \_\_\_\_\_ EFFLUENT FEED PUMP PRESSURE: 3.0 psi

EFFLUENT FLOW RATE: 90 gpm EFFLUENT TOTALIZER READING: 67,435,813 867860 gallons

ARE BUILDING HEATERS IN USE? YES:  NO: \_\_\_\_\_ INSIDE TEMPERATURE (°F): 60

IS SUMP PUMP IN USE: YES:  NO: \_\_\_\_\_ ARE ANY LEAKS PRESENT? YES: \_\_\_\_\_ NO:

WATER LEVEL IN SUMP: 7.0 in. TREATMENT BUILDING CLEAN & ORGANIZED? YES:  NO: \_\_\_\_\_

# MR. C's DRY CLEANERS SITE

NYSDEC Site #90150157

## SITE INSPECTION FORM

4-Apr-12

SAMPLES COLLECTED? YES:  NO:

|                        | Sample ID | Time of Sampling | pH   | Turbidity | Temp. | Sp. Cond. |
|------------------------|-----------|------------------|------|-----------|-------|-----------|
| AIR STRIPPER INFLUENT: | INF       | 1:00 PM          | 7.44 | 7.10      | 13.4  | 3023      |
| AIR STRIPPER EFFLUENT: | EFF       | 1:00 PM          | 8.54 | 6.40      | 12.9  | 3014      |

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 below:

PW-4 has collapsed inner ring. PZ-1B has missing top cover and is temporarily sealed.

*INCLUDE REMARKS & DESCRIBE ANY OTHER SYSTEM MAINTENANCE PERFORMED ON MR. C's SITE*

Remarks:

Other Actions: Changed bag filters.

Lubricated Effluent Pump #1 and Influent Pump #1.

Inspected effluent pipe and cleaned ball valve #1.

### AGWAY

SYSTEM VACUUM: \_\_\_\_\_ in. H<sub>2</sub>O

AIR PRESSURE: \_\_\_\_\_ psi

|                            |                           |
|----------------------------|---------------------------|
| SP-1: _____ scfm _____ psi | SP-5 _____ scfm _____ psi |
| SP-2: _____ scfm _____ psi | SP-6 _____ scfm _____ psi |
| SP-3: _____ scfm _____ psi | SP-7 _____ scfm _____ psi |
| SP-4: _____ scfm _____ psi | SP-8 _____ scfm _____ psi |

*INCLUDE REMARKS & DESCRIBE ANY OTHER SYSTEM MAINTENANCE PERFORMED ON AGWAY SITE*

Remarks: System is OFF until further instructions.

Other Actions:

**MR. C's DRY CLEANERS SITE**  
**NYSDEC Site #9-15-157**  
**OM&M: SITE INSPECTION FORM**

DATE: 10-Apr-12 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen, D. Iyer OTHER PERSONNEL: Carroll Plumbing

WEATHER CONDITIONS: Cloudy, cool OUTSIDE TEMPERATURE (°F): 40

ARE WELL PUMPS OPERATING IN AUTO: YES:  NO:  If "NO", provide explanation below  
PW-7 and PW-8 are OFF due to maintenance problems. PW-7 and PW-8 do not cycle down.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

|      |   |  |             |      |   |  |              |
|------|---|--|-------------|------|---|--|--------------|
| RW-1 | ON: <input type="checkbox"/>            | OFF: <input checked="" type="checkbox"/> | <u>8</u> ft | PW-5 | ON: <input type="checkbox"/>            | OFF: <input checked="" type="checkbox"/> | <u>6</u> ft  |
| PW-2 | ON: <input checked="" type="checkbox"/> | OFF: <input type="checkbox"/>            | <u>6</u> ft | PW-6 | ON: <input type="checkbox"/>            | OFF: <input checked="" type="checkbox"/> | <u>7</u> ft  |
| PW-3 | ON: <input type="checkbox"/>            | OFF: <input checked="" type="checkbox"/> | <u>6</u> ft | PW-7 | ON: <input checked="" type="checkbox"/> | OFF: <input type="checkbox"/>            | <u>18</u> ft |
| PW-4 | ON: <input type="checkbox"/>            | OFF: <input checked="" type="checkbox"/> | <u>6</u> ft | PW-8 | ON: <input checked="" type="checkbox"/> | OFF: <input type="checkbox"/>            | <u>18</u> ft |

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 4/4/12 Air Stripper High Level

NOTES: \_\_\_\_\_

INFLUENT FLOW RATE: 12 gpm INFLUENT TOTALIZER READING: 2,008,833.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 8 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 13.6 gallons

SEQUESTERING AGENT FEED RATE: 3.0 ml/min METERING PUMP PRESSURE: 3.0 psi

|                       |       |          |              |        |          |              |
|-----------------------|-------|----------|--------------|--------|----------|--------------|
| BAG FILTER PRESSURES: | LEFT: | Top      | Bottom       | RIGHT: | Top      | Bottom       |
|                       |       | <u>0</u> | <u>0</u> psi |        | <u>6</u> | <u>0</u> psi |

INFLUENT FEED PUMP IN USE: #1  #2  INFLUENT PUMP PRESSURE: 14 psi

AIR STRIPPER BLOWER IN USE: #1  #2  AIR STRIPPER PRESSURE: 11.0 in. H<sub>2</sub>O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.014 in. H<sub>2</sub>O DISCHARGE PRESSURE: 4.6 in. H<sub>2</sub>O

EFFLUENT PUMP IN USE: #1  #2  EFFLUENT FEED PUMP PRESSURE: 2.0 psi

EFFLUENT FLOW RATE: 94 gpm EFFLUENT TOTALIZER READING: 67,500,639 933850 gallons

ARE BUILDING HEATERS IN USE? YES:  NO:  INSIDE TEMPERATURE (°F): 58

IS SUMP PUMP IN USE: YES:  NO:  ARE ANY LEAKS PRESENT? YES:  NO:

WATER LEVEL IN SUMP: 6.5 in. TREATMENT BUILDING CLEAN & ORGANIZED? YES:  NO:

# MR. C's DRY CLEANERS SITE

NYSDEC Site #90150157

## SITE INSPECTION FORM

10-Apr-12

SAMPLES COLLECTED? YES: \_\_\_\_\_ NO:   ✓  

|                        | Sample ID | Time of Sampling | pH    | Turbidity | Temp. | Sp. Cond. |
|------------------------|-----------|------------------|-------|-----------|-------|-----------|
| AIR STRIPPER INFLUENT: | _____     | _____            | _____ | _____     | _____ | _____     |
| AIR STRIPPER EFFLUENT: | _____     | _____            | _____ | _____     | _____ | _____     |

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 below:

PW-4 has collapsed inner ring. PZ-1B has missing top cover and is temporarily sealed.

**INCLUDE REMARKS & DESCRIBE ANY OTHER SYSTEM MAINTENANCE PERFORMED ON MR. C's SITE**

Remarks: \_\_\_\_\_

**Other Actions:** Cleaned out effluent pipes with power washer.

Cleaned effluent pumps #1 and #2.

### AGWAY

| SYSTEM VACUUM: _____ in. H <sub>2</sub> O |            |           | AIR PRESSURE: _____ psi |            |           |
|---|------------|-----------|-------------------------|------------|-----------|
| SP-1: _____                               | scfm _____ | psi _____ | SP-5 _____              | scfm _____ | psi _____ |
| SP-2: _____                               | scfm _____ | psi _____ | SP-6 _____              | scfm _____ | psi _____ |
| SP-3: _____                               | scfm _____ | psi _____ | SP-7 _____              | scfm _____ | psi _____ |
| SP-4: _____                               | scfm _____ | psi _____ | SP-8 _____              | scfm _____ | psi _____ |

**INCLUDE REMARKS & DESCRIBE ANY OTHER SYSTEM MAINTENANCE PERFORMED ON AGWAY SITE**

Remarks: System is OFF until further instructions.

Other Actions: \_\_\_\_\_

**MR. C's DRY CLEANERS SITE**  
**NYSDEC Site #9-15-157**  
**OM&M: SITE INSPECTION FORM**

DATE: 17-Apr-12 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen, D. Iyer OTHER PERSONNEL: Carol Plumbing

WEATHER CONDITIONS: Sunny, cool OUTSIDE TEMPERATURE (°F): 46

ARE WELL PUMPS OPERATING IN AUTO: YES: \_\_\_\_\_ NO:  If "NO", provide explanation below  
PW-7 and PW-8 are OFF due to maintenance problems. PW-7 and PW-8 do not cycle down.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

|      |   |                   |      |   |  |
|------|---|-------------------|------|---|--|
| RW-1 | ON: <input checked="" type="checkbox"/> | OFF: <u>12</u> ft | PW-5 | ON: _____                               | OFF: <input checked="" type="checkbox"/> <u>7</u> ft |
| PW-2 | ON: <input checked="" type="checkbox"/> | OFF: <u>7</u> ft  | PW-6 | ON: <input checked="" type="checkbox"/> | OFF: _____ <u>14</u> ft                              |
| PW-3 | ON: <input checked="" type="checkbox"/> | OFF: <u>4</u> ft  | PW-7 | ON: <input checked="" type="checkbox"/> | OFF: _____ <u>22</u> ft                              |
| PW-4 | ON: <input checked="" type="checkbox"/> | OFF: <u>7</u> ft  | PW-8 | ON: <input checked="" type="checkbox"/> | OFF: _____ <u>19</u> ft                              |

EQUALIZATION TANK: 2 ft Last Alarm D/T/Condition: 4/16/12 Air Stripper Low Level

NOTES: \_\_\_\_\_

INFLUENT FLOW RATE: 0.03 gpm INFLUENT TOTALIZER READING: 2,039,007.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 5 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 8.5 gallons

SEQUESTERING AGENT FEED RATE: 5.0 ml/min METERING PUMP PRESSURE: 3.0 psi

|                       |       |          |              |        |           |              |
|-----------------------|-------|----------|--------------|--------|-----------|--------------|
|                       |       | Top      | Bottom       |        | Top       | Bottom       |
| BAG FILTER PRESSURES: | LEFT: | <u>0</u> | <u>0</u> psi | RIGHT: | <u>10</u> | <u>0</u> psi |

INFLUENT FEED PUMP IN USE: #1  #2 \_\_\_\_\_ INFLUENT PUMP PRESSURE: 14 psi

AIR STRIPPER BLOWER IN USE: #1 \_\_\_\_\_ #2  AIR STRIPPER PRESSURE: 6.0 in. H<sub>2</sub>O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.01 in. H<sub>2</sub>O DISCHARGE PRESSURE: 4.5 in. H<sub>2</sub>O

EFFLUENT PUMP IN USE: #1  #2 \_\_\_\_\_ EFFLUENT FEED PUMP PRESSURE: 3.0 psi

EFFLUENT FLOW RATE: 96 gpm EFFLUENT TOTALIZER READING: 67,519,872 953280 gallons

ARE BUILDING HEATERS IN USE? YES:  NO: \_\_\_\_\_ INSIDE TEMPERATURE (°F): 62

IS SUMP PUMP IN USE: YES:  NO: \_\_\_\_\_ ARE ANY LEAKS PRESENT? YES: \_\_\_\_\_ NO:

WATER LEVEL IN SUMP: 7.5 in. TREATMENT BUILDING CLEAN & ORGANIZED? YES:  NO: \_\_\_\_\_

# MR. C's DRY CLEANERS SITE

NYSDEC Site #90150157

## SITE INSPECTION FORM

17-Apr-12

SAMPLES COLLECTED? YES: \_\_\_\_\_ NO:   ✓  

|                        | Sample ID | Time of Sampling | pH    | Turbidity | Temp. | Sp. Cond. |
|------------------------|-----------|------------------|-------|-----------|-------|-----------|
| AIR STRIPPER INFLUENT: | _____     | _____            | _____ | _____     | _____ | _____     |
| AIR STRIPPER EFFLUENT: | _____     | _____            | _____ | _____     | _____ | _____     |

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 below:

PW-4 has collapsed inner ring. PZ-1B has missing top cover and is temporarily sealed.

**INCLUDE REMARKS & DESCRIBE ANY OTHER SYSTEM MAINTENANCE PERFORMED ON MR. C's SITE**

**Remarks:** Responded to AutoAlarm - Blower #2 overload. System not running. Restart system using Blower #1.

**Other Actions:** Replaced Blower Motor #2.

Lubricated Effluent Pump motors #1 and #2.

Made flat cart for well purge drum.

Switched Redux pickup to new drum after system failure caused present drum to siphon out.

### AGWAY

| SYSTEM VACUUM: _____ in. H <sub>2</sub> O |            |           | AIR PRESSURE: _____ psi |            |           |
|---|------------|-----------|-------------------------|------------|-----------|
| SP-1: _____                               | scfm _____ | psi _____ | SP-5 _____              | scfm _____ | psi _____ |
| SP-2: _____                               | scfm _____ | psi _____ | SP-6 _____              | scfm _____ | psi _____ |
| SP-3: _____                               | scfm _____ | psi _____ | SP-7 _____              | scfm _____ | psi _____ |
| SP-4: _____                               | scfm _____ | psi _____ | SP-8 _____              | scfm _____ | psi _____ |

**INCLUDE REMARKS & DESCRIBE ANY OTHER SYSTEM MAINTENANCE PERFORMED ON AGWAY SITE**

**Remarks:** System is OFF until further instructions.

**Other Actions:**

**MR. C's DRY CLEANERS SITE**  
**NYSDEC Site #9-15-157**  
**OM&M: SITE INSPECTION FORM**

DATE: 23-Apr-12 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen, D. Iyer OTHER PERSONNEL: Carroll Plumbing

WEATHER CONDITIONS: Cloudy, snow, cold OUTSIDE TEMPERATURE (°F): 32

ARE WELL PUMPS OPERATING IN AUTO: YES:  NO:  If "NO", provide explanation below

PW-7 and PW-8 are OFF due to maintenance problems. PW-7 and PW-8 do not cycle down.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

|      |                              |  |             |      |   |  |              |
|------|------------------------------|--|-------------|------|---|--|--------------|
| RW-1 | ON: <input type="checkbox"/> | OFF: <input checked="" type="checkbox"/> | <u>5</u> ft | PW-5 | ON: <input type="checkbox"/>            | OFF: <input checked="" type="checkbox"/> | <u>5</u> ft  |
| PW-2 | ON: <input type="checkbox"/> | OFF: <input checked="" type="checkbox"/> | <u>5</u> ft | PW-6 | ON: <input checked="" type="checkbox"/> | OFF: <input type="checkbox"/>            | <u>7</u> ft  |
| PW-3 | ON: <input type="checkbox"/> | OFF: <input checked="" type="checkbox"/> | <u>5</u> ft | PW-7 | ON: <input checked="" type="checkbox"/> | OFF: <input type="checkbox"/>            | <u>13</u> ft |
| PW-4 | ON: <input type="checkbox"/> | OFF: <input checked="" type="checkbox"/> | <u>6</u> ft | PW-8 | ON: <input checked="" type="checkbox"/> | OFF: <input type="checkbox"/>            | <u>18</u> ft |

EQUALIZATION TANK: 5 ft Last Alarm D/T/Condition: 4/20/12 Air Stripper Blower #2 overload

NOTES: \_\_\_\_\_

INFLUENT FLOW RATE: 14 gpm INFLUENT TOTALIZER READING: 2,131,372.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 20 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 34 gallons

SEQUESTERING AGENT FEED RATE: 4.0 ml/min METERING PUMP PRESSURE: 3.0 psi

|                       |       |          |              |        |               |              |
|-----------------------|-------|----------|--------------|--------|---------------|--------------|
|                       |       | Top      | Bottom       |        | Top           | Bottom       |
| BAG FILTER PRESSURES: | LEFT: | <u>0</u> | <u>0</u> psi | RIGHT: | <u>42 - 8</u> | <u>0</u> psi |

INFLUENT FEED PUMP IN USE: #1  #2  INFLUENT PUMP PRESSURE: 15 psi

AIR STRIPPER BLOWER IN USE: #1  #2  AIR STRIPPER PRESSURE: 7.0 in. H<sub>2</sub>O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.015 in. H<sub>2</sub>O DISCHARGE PRESSURE: 4.5 in. H<sub>2</sub>O

EFFLUENT PUMP IN USE: #1  #2  EFFLUENT FEED PUMP PRESSURE: 3.0 psi

EFFLUENT FLOW RATE: 96 gpm EFFLUENT TOTALIZER READING: 67,575,836 9790 gallons

ARE BUILDING HEATERS IN USE? YES:  NO:  INSIDE TEMPERATURE (°F): 58

IS SUMP PUMP IN USE: YES:  NO:  ARE ANY LEAKS PRESENT? YES:  NO:

WATER LEVEL IN SUMP: 7.0 in. TREATMENT BUILDING CLEAN & ORGANIZED? YES:  NO:



MR. C's DRY CLEANERS SITE

NYSDEC Site #90150157

SITE INSPECTION FORM

23-Apr-12

SAMPLES COLLECTED? YES: \_\_\_\_\_ NO: ✓

|                        | Sample ID | Time of Sampling | pH    | Turbidity | Temp. | Sp. Cond. |
|------------------------|-----------|------------------|-------|-----------|-------|-----------|
| AIR STRIPPER INFLUENT: | _____     | _____            | _____ | _____     | _____ | _____     |
| AIR STRIPPER EFFLUENT: | _____     | _____            | _____ | _____     | _____ | _____     |

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 below:

PW-4 has collapsed inner ring. PZ-1B has missing top cover and is temporarily sealed.

INCLUDE REMARKS & DESCRIBE ANY OTHER SYSTEM MAINTENANCE PERFORMED ON MR. C's SITE

Remarks:

Other Actions: Troubleshoot Blower #2 overload. Fan was loose on the shaft. Motor makes suspect noise when slowing down.

Suspect bad bearing in new motor that caused a vibration which loosened the fan.

Changed bag filters.

AGWAY

SYSTEM VACUUM: \_\_\_\_\_ in. H<sub>2</sub>O

AIR PRESSURE: \_\_\_\_\_ psi

|                            |                           |
|----------------------------|---------------------------|
| SP-1: _____ scfm _____ psi | SP-5 _____ scfm _____ psi |
| SP-2: _____ scfm _____ psi | SP-6 _____ scfm _____ psi |
| SP-3: _____ scfm _____ psi | SP-7 _____ scfm _____ psi |
| SP-4: _____ scfm _____ psi | SP-8 _____ scfm _____ psi |

INCLUDE REMARKS & DESCRIBE ANY OTHER SYSTEM MAINTENANCE PERFORMED ON AGWAY SITE

Remarks: System is OFF until further instructions.

Other Actions:

**MR. C's DRY CLEANERS SITE**  
**NYSDEC Site #9-15-157**  
**OM&M: SITE INSPECTION FORM**

DATE: 30-Apr-12 ACTIVITIES: Site Inspection  
 INSPECTION PERSONNEL: R. Allen OTHER PERSONNEL: \_\_\_\_\_  
 WEATHER CONDITIONS: Partly cloudy, cool OUTSIDE TEMPERATURE (°F): 51

ARE WELL PUMPS OPERATING IN AUTO: YES: \_\_\_\_\_ NO:  If "NO", provide explanation below  
PW-7 and PW-8 are OFF due to maintenance problems. PW-7 and PW-8 do not cycle down.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

|      |           |  |      |   |  |
|------|-----------|--|------|---|--|
| RW-1 | ON: _____ | OFF: <input checked="" type="checkbox"/> <u>7</u> ft | PW-5 | ON: _____                               | OFF: <input checked="" type="checkbox"/> <u>5</u> ft |
| PW-2 | ON: _____ | OFF: <input checked="" type="checkbox"/> <u>7</u> ft | PW-6 | ON: <input checked="" type="checkbox"/> | OFF: _____ <u>6</u> ft                               |
| PW-3 | ON: _____ | OFF: <input checked="" type="checkbox"/> <u>3</u> ft | PW-7 | ON: <input checked="" type="checkbox"/> | OFF: _____ <u>18</u> ft                              |
| PW-4 | ON: _____ | OFF: <input checked="" type="checkbox"/> <u>8</u> ft | PW-8 | ON: <input checked="" type="checkbox"/> | OFF: _____ <u>18</u> ft                              |

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 4/26/12 Air Stripper Low Level

NOTES: \_\_\_\_\_

INFLUENT FLOW RATE: 14 gpm INFLUENT TOTALIZER READING: 2,243,734.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 12 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 20.5 gallons  
 SEQUESTERING AGENT FEED RATE: 7.0 ml/min METERING PUMP PRESSURE: 3.0 psi

|                       |       |          |              |        |          |              |
|-----------------------|-------|----------|--------------|--------|----------|--------------|
|                       |       | Top      | Bottom       |        | Top      | Bottom       |
| BAG FILTER PRESSURES: | LEFT: | <u>0</u> | <u>0</u> psi | RIGHT: | <u>6</u> | <u>0</u> psi |

INFLUENT FEED PUMP IN USE: #1  #2 \_\_\_\_\_ INFLUENT PUMP PRESSURE: 14 psi

AIR STRIPPER BLOWER IN USE: #1  #2 \_\_\_\_\_ AIR STRIPPER PRESSURE: 8.0 in. H<sub>2</sub>O  
 AIR STRIPPER DIFFERENTIAL PRESSURE: 0.025 in. H<sub>2</sub>O DISCHARGE PRESSURE: 4.7 in. H<sub>2</sub>O

EFFLUENT PUMP IN USE: #1  #2 \_\_\_\_\_ EFFLUENT FEED PUMP PRESSURE: 2.0 psi  
 EFFLUENT FLOW RATE: 94 gpm EFFLUENT TOTALIZER READING: 67,644,677 79880 gallons

ARE BUILDING HEATERS IN USE? YES:  NO: \_\_\_\_\_ INSIDE TEMPERATURE (°F): 62

IS SUMP PUMP IN USE: YES:  NO: \_\_\_\_\_ ARE ANY LEAKS PRESENT? YES: \_\_\_\_\_ NO:

WATER LEVEL IN SUMP: 7.5 in. TREATMENT BUILDING CLEAN & ORGANIZED? YES:  NO: \_\_\_\_\_

MR. C's DRY CLEANERS SITE

NYSDEC Site #90150157

SITE INSPECTION FORM

30-Apr-12

SAMPLES COLLECTED? YES: \_\_\_\_\_ NO: ✓

|                        | Sample ID | Time of Sampling | pH    | Turbidity | Temp. | Sp. Cond. |
|------------------------|-----------|------------------|-------|-----------|-------|-----------|
| AIR STRIPPER INFLUENT: | _____     | _____            | _____ | _____     | _____ | _____     |
| AIR STRIPPER EFFLUENT: | _____     | _____            | _____ | _____     | _____ | _____     |

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 below:

PW-4 has collapsed inner ring. PZ-1B has missing top cover and is temporarily sealed.

INCLUDE REMARKS & DESCRIBE ANY OTHER SYSTEM MAINTENANCE PERFORMED ON MR. C's SITE

Remarks: Turned Jesco pump down slightly to: Left 2.3; Right 1.3.

Other Actions:

AGWAY

SYSTEM VACUUM: \_\_\_\_\_ in. H<sub>2</sub>O

AIR PRESSURE: \_\_\_\_\_ psi

|                            |                           |
|----------------------------|---------------------------|
| SP-1: _____ scfm _____ psi | SP-5 _____ scfm _____ psi |
| SP-2: _____ scfm _____ psi | SP-6 _____ scfm _____ psi |
| SP-3: _____ scfm _____ psi | SP-7 _____ scfm _____ psi |
| SP-4: _____ scfm _____ psi | SP-8 _____ scfm _____ psi |

INCLUDE REMARKS & DESCRIBE ANY OTHER SYSTEM MAINTENANCE PERFORMED ON AGWAY SITE

Remarks: System is OFF until further instructions.

Other Actions:

# MR. C's DRY CLEANERS SITE

NYSDEC Site #9-15-157

## OM&M: PIEZOMETER WATER LEVEL LOG

Date: 5-Apr-12

Measurements taken by: R. Allen

|       |          |                                    |
|-------|----------|------------------------------------|
| RW-1  | 17.00 ft | Comments: _____                    |
| PZ-1A | 11.31 ft | Comments: _____                    |
| PZ-1B | ----- ft | Comments: <u>damaged ring</u>      |
| PZ-1C | 12.25 ft | Comments: _____                    |
| PZ-1D | 12.39 ft | Comments: _____                    |
| PW-2  | 15.60 ft | Comments: _____                    |
| PZ-2A | 10.91 ft | Comments: _____                    |
| PZ-2B | 11.22 ft | Comments: _____                    |
| PZ-2C | 10.70 ft | Comments: _____                    |
| MW-7  | 11.24 ft | Comments: <u>Substitute for 2D</u> |
| PW-3  | 20.00 ft | Comments: _____                    |
| PZ-3A | 11.40 ft | Comments: _____                    |
| PZ-3B | 11.45 ft | Comments: _____                    |
| PZ-3C | 11.92 ft | Comments: _____                    |
| PZ-3D | 11.44 ft | Comments: _____                    |
| PW-4  | ----- ft | Comments: <u>damaged ring</u>      |
| PZ-4A | 11.41 ft | Comments: _____                    |
| PZ-4B | 10.78 ft | Comments: _____                    |
| PZ-4C | ----- ft | Comments: <u>sealed over</u>       |
| PZ-4D | 10.39 ft | Comments: _____                    |

|        |          |                                       |
|--------|----------|---------------------------------------|
| PW-5   | 15.40 ft | Comments: _____                       |
| PZ-5A  | 11.26 ft | Comments: _____                       |
| PZ-5B  | 10.73 ft | Comments: _____                       |
| PZ-5C  | 10.32 ft | Comments: _____                       |
| PZ-5D  | 10.88 ft | Comments: _____                       |
| PW-6   | 18.90 ft | Comments: _____                       |
| PZ-6A  | 11.58 ft | Comments: _____                       |
| PZ-6B  | 11.47 ft | Comments: _____                       |
| PZ-6C  | 11.62 ft | Comments: _____                       |
| PZ-6D  | 11.33 ft | Comments: <u>Shown as RW-2 on map</u> |
| PW-7   | 6.30 ft  | Comments: _____                       |
| MPI-6S | 11.18 ft | Comments: _____                       |
| PZ-7B  | 11.17 ft | Comments: _____                       |
| OW-B   | 11.15 ft | Comments: _____                       |
| PZ-7D  | 10.80 ft | Comments: _____                       |
| PW-8   | 7.40 ft  | Comments: _____                       |
| PZ-8A  | 8.05 ft  | Comments: _____                       |
| PZ-8B  | 8.01 ft  | Comments: _____                       |
| PZ-8C  | 7.65 ft  | Comments: _____                       |
| PZ-8D  | 7.94 ft  | Comments: _____                       |

### PUMPS IN OPERATION DURING MEASUREMENTS

|               |   |                                     |    |
|---------------|---|-------------------------------------|----|
| RW-1 pump on? | Yes                                     | <input checked="" type="checkbox"/> | No |
| PW-2 pump on? | Yes                                     | <input checked="" type="checkbox"/> | No |
| PW-3 pump on? | <input checked="" type="checkbox"/> Yes | _____                               | No |
| PW-4 pump on? | Yes                                     | _____                               | No |

|               |     |                                     |    |
|---------------|-----|-------------------------------------|----|
| PW-5 pump on? | Yes | <input checked="" type="checkbox"/> | No |
| PW-6 pump on? | Yes | <input checked="" type="checkbox"/> | No |
| PW-7 pump on? | Yes | <input checked="" type="checkbox"/> | No |
| PW-8 pump on? | Yes | <input checked="" type="checkbox"/> | No |

# Mr. C's CLEANERS OM&M

## SUMMARY OF FIELD ACTIVITIES BY IEG - 4/2012

| DATE   | ACTIVITY  |
|--------|---|
| 2-Apr  | OM&M and UM end of month office work.   |
| 3-Apr  | OM&M Weekly Inspection and office work.   |
| 4-Apr  | Changed bag filters. Lubricate effluent pump #1. Repair leak in effluent pipe. Piezometer Readings.         |
| 5-Apr  | Piezometer Readings   |
| 10-Apr | OM&M Weekly Inspection  |
| 11-Apr | OM&M office work  |
| 12-Apr | Disassemble Blower motor #2 and Effluent pumps #1 and #2.   |
| 13-Apr | Remove Blower motor #2. Clean Effluent pumps #1 and #2. Powerwash effluent pipes.                           |
| 16-Apr | Install new Blower motor #2. Reassemble effluent pumps and effluent pipes. Clean up Treatment Room.         |
| 17-Apr | OM&M Weekly Inspection and office work.   |
| 20-Apr | Respond to AutoAlarm. Make flat cart. Get supplies. Switch Redux pickup to new drum.                        |
| 23-Apr | OM&M Weekly Inspection and office work. UM office work.   |
| 24-Apr | Respond to AutoAlarm. Changed bag filters.  |
| 26-Apr | Disassemble Blower fan #2. Trouble shoot new motor.   |
| 27-Apr | Check status of system. Rinse old Redux drum. Pour decanted cleaning water into sump. Clean Treatment Room. |
| 30-Apr | OM&M Weekly Inspection and office work.   |

**Mr. C's CLEANERS OM&M**  
**STATUS OF FIELD ACTIVITIES BY IEG - 4/2012**

| ACTIVITY  | DESCRIPTION  | COMPLETION DATE/STATUS |
|---|--|------------------------|
| PW-4 Well Repair and Level                        | Asphalt around PW-4 well has sunk, due to collapse of corroded inner ring. Replace inner ring and bring parking lot up to level with asphalt patch.  | in progress            |
| PW-4 UE Level                                     | Asphalt around Underground Enclosure has sunk, leaving it vulnerable to damage. Bring parking lot up to level with asphalt patch.  | in progress            |
| Install MW Ring                                   | Piezimeter in Agway Site parking lot was damaged by the road repair crew. To instal new Monitoring Well Ring around damaged Piezometer for protection.   | in progress            |
| Rebuild JAC Pump as needed                        | Jesco America Corp recommends rebuilding the Redux pump when needed. Purchased rebuild kit.  | in progress            |
| Brace Effluent Pipe                               | David Szymanski (NYSDEC) inspected Treatment Room and said that the effluent pipe should be braced in (3) places to the north wall.  | in progress            |
| Inspect and clean Manholes                        | Inspect manholes near operating pumps. Pump out water in manholes and clean out remaining sediment and other material.   | in progress            |
| Agway Shed Concrete Dump                          | Approximately 1/4 yard of concrete was washed out on the north side of the Agway Shed. Concrete should be removed.   | on hold                |
| Trim Broken Piezometers                           | Many of the piezometers are broken. Measuring water levels is not precise when a pipe is broken. Identify and trim all broken piezometers.   | in progress            |
| Cool Treatment Room                               | Temperature in Treatment Room is well above 90 degrees during the summer months. Need to increase outside air inflow to the room.  | in progress            |
| Replace Air Stripper Exhaust                      | Present Air Stripper exhaust is very heavy and leaks moisture. Replace with lighter system.  | in progress            |
| PW-5 Well Pump not cycling down                   | Well pump stays on after water level drops - transducer bad. Inspect/clean well pump and transducer. Replaced well pump and transducer.  | Jan-12                 |
| Repair Blower #2                                  | Determined that bearing is failing in Air Stripper Blower Motor. Replace motor with new motor. Determine that replacement motor is defective. Replace new motor.   | in progress            |
| Bank 2 Timer is defective                         | The Bank 2 Timer inside the Agway Shed stopped working. Dismantle Timer and take for repair or replace defective parts.  | on hold                |
| PW-4 not pumping                                  | Inspect well pump and make necessary repairs.  | Jan-12                 |
| PW-7 pitless adapter                              | Pitless adapter does not seal well. Repair or replacer pitless adapter   | in progress            |
| PW-8 pitless adapter                              | Pitless adapfer feels brokent/does not seal well. Repair/replace pitless adapter   | in progress            |
| Clean Effluent Pumps and Meter                    | Effluent Meter is running slowly. Disassemble and clean pumps and meter.   | Apr-12                 |
| RW-1 Repair                                       | Replace non working well pump  | Jan-12                 |
| Church Fan Complaint                              | Church complained that west fan was noisy. Fan was slightly louder than the south fan - was replaced on 2/8/12   | Feb-12                 |
| PZ-1B Repair                                      | Top cover was knocked off and lost by snowplow. Replace inner ring and lower height so MW will not be as susceptible to snowplow damage.   | in progress            |
| PW-6 Repair                                       | Top cover is missing. The snowplow is a possible cause but this MW is not elevated above the surrounding asphalt parking lot. Replace top cover.   | Feb-12                 |
| Adjust Air Stripper                               | Effluent lab results were below standard. Troubleshoot and adjust Air Stripper to achieve better results.  | in progress            |
| Repair (2) Filter Baskets                         | (1) Filter Basket is splitting open along its seam. (1) Filter Basket has a broken handle. Take both baskets to Buffalo Well Products for repair.  | Mar-12                 |
| PW-7 is not pumping down                          | Inspect/clean pump, transducer and pitless adapter - condition of horizontal lines.  | in progress            |
| Dig containment trench around Library Parking Lot | Spruce needles wash onto Library Parking Lot during rain and into wells PW-6 & PW-7 and enclosures where they obstruct the flow of water in the pipes. Re-dig small trench around the entire back parking lot. | Mar-12                 |

# Mr. C's CLEANERS OM&M

## SUMMARY OF WATER PUMP MAINTENANCE BY IEG - 2012

as of Apr 12

| ID     | CLEAN & INSPECT PUMP           | REPLACED PUMP          | REPAIR PUMP | PITLESS ADAPTER | HORIZONTAL PIPE | CLEAN & INSPECT TRANSDUCER             | REPLACE TRANSDUCER | REPAIR TRANSDUCER | PUMP OUT WELL          | CLEAN OUT & INSPECT ELECTRICAL BOX | ELECTRICAL BOX REPAIR |
|--------|--------------------------------|------------------------|-------------|-----------------|-----------------|--|--------------------|-------------------|------------------------|------------------------------------|-----------------------|
| RW - 1 | May 10, Jan 12                 | Feb 08, Jan 12         | May-10      |                 |                 | May 10, Jan 12                         |                    |                   |                        |                                    |                       |
| PW - 2 | Aug 09, May 10                 | Jul-08                 |             |                 |                 | Nov 11<br>May 10                       | Sep 09, Nov 11     |                   | Aug-09                 | Nov-11                             | Sep-09                |
| PW - 3 | Aug 09, May 10                 | Jul 08, Dec 11         |             | Repair adapter  |                 | Aug 09, Nov 11                         | Nov-11             |                   | Aug-09                 | Nov-11                             |                       |
| PW - 4 | Sep 09, May 10, Jan 12         | Dec 07, Jan 12         |             |                 |                 | May 10, Nov 11                         | Nov-11             |                   | Jul 09, Sep 09         | Sep 09, Nov 11                     | Sep-09                |
| PW - 5 | Jan-12                         | Jul 08, Jan 12         |             |                 |                 | Mar-11                                 | Jan-12             | Sep-09            |                        | Jan-12                             |                       |
| PW - 6 | Jul-09                         | Jun 08, Jul 09         |             |                 | Pipe 8/09       | Apr 09, Aug 09                         | Sep-09             |                   | Aug-09                 | Aug 09, Sep 09                     | Jul 09, Sep 09        |
| PW - 7 | May 10, Oct 10, Aug 11, Mar 12 | Nov 07, Jul 09, Oct 10 |             |                 | Pipe 8/09       | Aug 09, May 10, Oct 10, Aug 11, Mar 12 |                    |                   | Aug 09, May 10, Aug 11 |                                    |                       |
| PW - 8 | Aug 09, May 10, Aug 11         | Jul 08, Sep 09, Aug 11 |             |                 | Pipe 8/09       | Aug 09, May 10, Aug 11                 |                    |                   | Aug 09, May 10, Aug 11 |                                    |                       |

# Mr. C's CLEANERS OM&M

## SUMMARY OF WATER PUMP STATUS - 2012

as of Apr 12

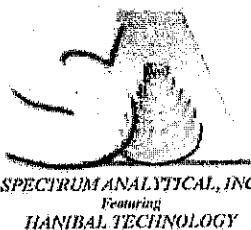
| ID   | NEEDS CLEANING & INSPECTION | NEEDS NEW PUMP | NEEDS P.A. OR PIPE | NEEDS WELL CLEAN-OUT | PITLESS ADAPTER | NEEDS HORIZONTAL LINE PURGE | NEEDS TRANSDUCER INSPECTION | NEEDS NEW TRANSDUCER | NEEDS ANEROID BELLOWS | NEEDS U.E. CLEANED | NEEDS U.E. REPAIR   |
|------|-----------------------------|----------------|--------------------|----------------------|-----------------|-----------------------------|-----------------------------|----------------------|-----------------------|--------------------|---------------------|
| RW-1 | DONE 1/12                   | NO             |                    | YES                  |                 |                             | NO                          | NO                   | NO                    | NO                 | YES - bolts         |
| PW-2 | NO                          | NO             |                    | YES                  |                 |                             | NO                          |                      | NO                    | NO                 | YES - bolts         |
| PW-3 | NO                          | NO             | REPAIRED 8/09      | DONE 8/09            |                 |                             | NO                          |                      | NO                    | NO                 | NO                  |
| PW-4 | DONE 1/12                   | NO             |                    | DONE 9/09            |                 |                             | NO                          |                      | NO                    | NO                 | YES - Asphalt patch |
| PW-5 | DONE 1/12                   | NO             |                    | YES                  |                 |                             | NO                          | DONE 1/12            | DONE 1/12             | NO                 | NO                  |
| PW-6 | YES                         | DONE 8/09      | Replaced pipe 8/09 | DONE 8/09            |                 |                             | YES                         | NO                   | DONE 9/09             | NO                 | DONE                |
| PW-7 | NO                          | DONE 10/10     | Replaced pipe 8/09 | YES                  | YES             | YES                         | NO                          | NO                   | DONE                  | NO                 | NO                  |
| PW-8 | NO                          | DONE 8/11      | Replaced pipe 8/09 | NO                   | YES             | YES                         | NO                          | NO                   | YES                   | NO                 | NO                  |



**Attachment B**  
**Analytical Report from**  
**Mitkem Laboratories**

**Analytical Data Package Work Order ID: L0644**  
**Sampled: April 3, 2012**  
**Received: April 23, 2012**

Report Date:  
23-Apr-12 15:17



- Final Report
- Re-Issued Report
- Revised Report

## Laboratory Report

Ecology and Environment Engineering P.C.  
368 Pleasant View Drive  
Lancaster, NY 14086

Work Order: L0644  
Project : Mr. C's Dry Cleaning  
Project #: 002700.DC13.02.01.01

Attn: Michael Steffan

| Laboratory ID | Client Sample ID | Matrix  | Date Sampled    | Date Received   |
|---------------|------------------|---------|-----------------|-----------------|
| L0644-01      | INFLUENT         | Aqueous | 03-Apr-12 14:00 | 04-Apr-12 08:50 |
| L0644-02      | EFFLUENT         | Aqueous | 03-Apr-12 14:30 | 04-Apr-12 08:50 |

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. The results relate only to the samples(s) as received. This report may not be reproduced, except in full, without written approval from Spectrum Analytical.

All applicable NELAC or USEPA CLP requirements have been met.

Spectrum Analytical (Rhode Island) is accredited under the National Environmental Laboratory Approval Program (NELAP) and is certified by several States, as well as USEPA and US Department of Defense. The current list of our laboratory approvals and certifications is available on the Certifications page on our web site at [www.spectrum-analytical.com](http://www.spectrum-analytical.com).

Please contact the Laboratory or Technical Director at 401-732-3400 with any questions regarding the data contained in the laboratory report.

|                       |               |
|-----------------------|---------------|
| Department of Defense | N/A           |
| Connecticut           | PH-0153       |
| Delaware              | N/A           |
| Florida               | E87664        |
| Maine                 | 2007037       |
| Massachusetts         | M-RI907       |
| New Hampshire         | 2631          |
| New Jersey            | RI001         |
| New York              | 11522         |
| North Carolina        | 581           |
| Pennsylvania          | 68-00520      |
| Rhode Island          | LAI00301      |
| USDA                  | P330-08-00023 |
| USEPA - ISM           | EP-W-09-039   |
| USEPA - SOM           | EP-W-11-033   |



LABORATORY  
ACCREDITATION  
BUREAU  
ACCREDITED



Certificate # L2247 Testing

Authorized by:

Yihai Ding  
Laboratory Director

## Sample Transmittal Documentation



A Division of SPECTRUM ANALYTICAL, INC. Featuring HANTRIAL TECHNOLOGY

# CHAIN OF CUSTODY RECORD

Special Handling: STD  
 TAT- Indicate Date Needed:  
 All TATs subject to laboratory approval.  
 Min. 24-hour notification needed for rushes.  
 Samples disposed of after 30 days unless otherwise instructed.

Page 1 of 1

Report To: E&E, Inc  
368 Pleasantview Dr  
Lancaster, NY 14006  
 Telephone # (716) 684-8060  
 Project Mgr.: Mike Steffan

Invoice To: E&E, Inc  
 P.O. No.: \_\_\_\_\_ RQN: \_\_\_\_\_

Project No.: \_\_\_\_\_  
 Site Name: Mr CS OMRM  
 Location: East Aurora State: NY  
 Sampler(s): R. Allen

1=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> 2=HCl 3=H<sub>2</sub>SO<sub>4</sub> 4=HNO<sub>3</sub> 5=NaOH 6=Ascorbic Acid 7=CH<sub>3</sub>OH  
 8=NaHSO<sub>4</sub> 9= \_\_\_\_\_ 10= \_\_\_\_\_ 11= \_\_\_\_\_

DW=Drinking Water GW=Groundwater WW=Wastewater  
 O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air  
 X1= \_\_\_\_\_ X2= \_\_\_\_\_ X3= \_\_\_\_\_

List preservative code below:  
1 4 2

Containers: # of VOA Vials # of Amber Glass # of Clear Glass # of Plastic

| Lab Id: | Sample Id: | Date:       | Time:  | Type | Matrix | # of VOA Vials | # of Amber Glass | # of Clear Glass | # of Plastic | Analyses: | Notes: |
|---------|------------|-------------|--------|------|--------|----------------|------------------|------------------|--------------|-----------|--------|
|         | INFLUENT   | Apr 3, 2012 | 2:00 P | G    | GW     |                |                  |                  | 1            |           |        |
|         | INFLUENT   |             | 2:00 P | G    | GW     |                |                  |                  | 1            |           |        |
|         | INFLUENT   |             | 2:00 P | G    | GW     | 2              |                  |                  |              |           |        |
|         | EFFLUENT   |             | 2:30 P | G    | GW     |                |                  |                  | 1            |           |        |
|         | EFFLUENT   |             | 2:30 P | G    | GW     |                |                  |                  | 1            |           |        |
|         | EFFLUENT   |             | 2:30 P | G    | GW     | 2              |                  |                  |              |           |        |

QA/QC Reporting Level  
 Level I  Level II  
 Level III  Level IV  
 Other CAT A  
 State specific reporting standards: \_\_\_\_\_

Please send another sample kit. We were shorted (2) HCL vials on the last kit. Send extras.

E-mail to m.steffan@ene.com  
 EDD Format PDF  
 Condition upon receipt:  Iced  Ambient Rec'd

Relinquished by: Richard C. Allen Jr  
 Received by: Vonnie Boyer  
 Date: 4/4/12 Time: 8:56

Received By: *[Signature]* Page 01 of 00  
 Reviewed By: *[Signature]* Log-in Date 04/04/2012  
 Work Order: L0644 Client Name: Ecology and Environment Engineering P.C.

Project Name/Event: Mr. C's Dry Cleaning / 002700.DC13.02.01.01

Remarks: (1/2) Please see associated sample/extract transfer logbook pages submitted with this data package.

| Lab Sample ID | Preservation (pH) |       |     |      |       | VOA Matrix | Soil HeadSpace or Air Bubble > or equal to 1/4" |
|---------------|-------------------|-------|-----|------|-------|------------|---|
|               | HNO3              | H2SO4 | HCl | NaOH | H3PO4 |            |   |
| L0644-01      | <2                |       |     |      |       | H          |   |
| L0644-02      | <2                |       |     |      |       | H          |   |

- 1. Custody Seal(s) Present / Absent  
Intact / Broken
- 2. Custody Seal Nos. N/A
- 3. Traffic Reports/ Chain of Custody Records (TR/COCs) or Packing Lists Present / Absent
- 4. Airbill AirBill / Sticker  
Present / Absent
- 5. Airbill No. FedEx 7982 4148 8492
- 6. Sample Tags Present / Absent  
Sample Tag Numbers  
Listed /  
Not Listed on Chain-of-Custody
- 7. Sample Condition Intact / Broken /  
Leaking
- 8. Cooler Temperature Indicator Bottle Present / Absent

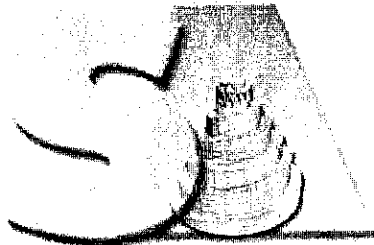
9. Cooler Temperature 4.0 °C  
 10. Does information on TR/COCs and sample tags agree? Yes / No  
 11. Date Received at Laboratory 04/04/2012  
 12. Time Received 08:50

| Sample Transfer       |                            |
|-----------------------|----------------------------|
| Fraction (1) TVOA/VOA | Fraction (2) SVOA/PEST/ARO |
| Area #                | Area #                     |
| By                    | By                         |
| On                    | On                         |

IR Temp Gun ID: MT-1  
 Coolant Condition: ICE  
 Preservative Name/Lot No:

VOA Matrix Key:  
 US = Unpreserved Soil      A = Air  
 UA = Unpreserved Aqueous    H = HCl  
 M = MeOH                      E = Encore  
 N = NaHSO4                    F = Freeze

See Sample Condition Notification/Corrective Action Form Yes / No  
 Rad OK Yes / No



**SPECTRUM ANALYTICAL, INC.**

*Featuring*

**HANIBAL TECHNOLOGY**

**\* Volatiles \***



**SPECTRUM ANALYTICAL, INC.**  
*Featuring*  
**HANIBAL TECHNOLOGY**

**Data Flag/Qualifiers:**

- U Not Detected. This compound was analyzed-for but not detected. For most analyses the reporting limit (lowest standard concentration) is the value listed. For Department of Defense programs, this is the Limit of Detection (LOD).
- J This flag indicates an estimated value due to either
- the compound was detected below the reporting limit, or
  - estimated concentration for Tentatively Identified Compound
- B This flag indicates the compound was also detected in the associated Method Blank. The B flag has an alternative meaning for Inorganics analyses reported using CLP ILM-type metals forms, indicating a “trace” concentration below the reporting limit and equal to or above the detection limit.
- D For Organics analysis, this flag indicates the compound concentration was obtained from a secondary dilution analysis
- E This flag indicates the compound concentration exceeded the Calibration Range. The E flag has an alternative meaning for Inorganics analyses reported using CLP metals forms, indicating an estimated concentration due to the presence of interferences, as determined by the serial dilution analysis.
- P This flag is used for pesticides/PCB/herbicide compound when there is a greater than 40% difference for detected concentration between the two GC columns used for primary and confirmation analyses. This difference typically indicates an interference, causing one value to be unusually high. The **lower** of the two values is generally reported on the Form 1, and both values reported on the Form 10.
- A Used to flag semivolatile organic Tentatively Identified Compound library search results for compounds identified as aldol condensation byproducts.
- N Used to flag results for volatile and semivolatile Organics analysis Tentatively Identified Compounds where an analyte has passed the identification criteria, and is considered to be positively identified. For Inorganics analysis the N flag indicates the matrix spike recovery falls outside of the control limit.
- \* For Inorganics analysis the \* flag indicates Relative Percent Difference for duplicate analyses is outside of the control limit.

## Sample ID Suffixes

- DL** Diluted analysis. The sample was diluted and reanalyzed. The DL may be followed by a digit if more than one diluted reanalysis is provided. The DL suffix is not attached to an analysis initially performed at dilution, only to reanalyses performed at dilution
- RE** Reanalysis. Appended to the client sample ID to indicate a reextraction and reanalysis or a reanalysis of the original sample extract.
- RA** Reanalysis. Appended to the laboratory sample ID indicates a reanalysis of the original sample extract.
- RX** Reextraction. Appended to the laboratory sample ID indicates a reextraction of the sample.
- MS** Matrix Spike.
- MSD** Matrix Spike Duplicate
- DUP** Duplicate analysis
- SD** Serial Dilution
- PS** Post-digestion or Post-distillation spike. For metals or inorganic analyses



1A - FORM I VOA-1  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.  
INFLUENT

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: \_\_\_\_\_  
 Lab Code: MITKEM Case No.: L0644 Mod. Ref No.: \_\_\_\_\_ SDG No.: SL0644  
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: L0644-01A  
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1M5983.D  
 Level: (TRACE/LOW/MED) LOW Date Received: 04/04/2012  
 % Moisture: not dec. Date Analyzed: 04/12/2012  
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 10.0  
 Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
 Purge Volume: 5.0 (mL)

| CAS NO.    | COMPOUND                  | CONCENTRATION UNITS: |      | Q |
|------------|---------------------------|----------------------|------|---|
|            |                           | (ug/L or ug/Kg)      | UG/L |   |
| 75-71-8    | Dichlorodifluoromethane   |                      | 10   | U |
| 74-87-3    | Chloromethane             |                      | 10   | U |
| 75-01-4    | Vinyl chloride            |                      | 10   | U |
| 74-83-9    | Bromomethane              |                      | 10   | U |
| 75-00-3    | Chloroethane              |                      | 10   | U |
| 75-69-4    | Trichlorofluoromethane    |                      | 10   | U |
| 75-35-4    | 1,1-Dichloroethene        |                      | 10   | U |
| 67-64-1    | Acetone                   |                      | 50   | U |
| 75-15-0    | Carbon disulfide          |                      | 10   | U |
| 75-09-2    | Methylene chloride        |                      | 10   | U |
| 156-60-5   | trans-1,2-Dichloroethene  |                      | 10   | U |
| 1634-04-4  | Methyl tert-butyl ether   |                      | 10   | U |
| 75-34-3    | 1,1-Dichloroethane        |                      | 10   | U |
| 78-93-3    | 2-Butanone                |                      | 50   | U |
| 156-59-2   | cis-1,2-Dichloroethene    |                      | 10   | U |
| 67-66-3    | Chloroform                |                      | 10   | U |
| 71-55-6    | 1,1,1-Trichloroethane     |                      | 10   | U |
| 56-23-5    | Carbon tetrachloride      |                      | 10   | U |
| 107-06-2   | 1,2-Dichloroethane        |                      | 10   | U |
| 71-43-2    | Benzene                   |                      | 10   | U |
| 79-01-6    | Trichloroethene           |                      | 32   |   |
| 78-87-5    | 1,2-Dichloropropane       |                      | 10   | U |
| 75-27-4    | Bromodichloromethane      |                      | 10   | U |
| 10061-01-5 | cis-1,3-Dichloropropene   |                      | 10   | U |
| 108-10-1   | 4-Methyl-2-pentanone      |                      | 50   | U |
| 108-88-3   | Toluene                   |                      | 10   | U |
| 10061-02-6 | trans-1,3-Dichloropropene |                      | 10   | U |
| 79-00-5    | 1,1,2-Trichloroethane     |                      | 10   | U |
| 127-18-4   | Tetrachloroethene         |                      | 570  |   |
| 591-78-6   | 2-Hexanone                |                      | 50   | U |
| 124-48-1   | Dibromochloromethane      |                      | 10   | U |
| 106-93-4   | 1,2-Dibromoethane         |                      | 10   | U |
| 108-90-7   | Chlorobenzene             |                      | 10   | U |
| 100-41-4   | Ethylbenzene              |                      | 10   | U |
| 1330-20-7  | Xylene (Total)            |                      | 10   | U |

1B - FORM I VOA-2  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.  
INFLUENT

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: \_\_\_\_\_  
 Lab Code: MITKEM Case No.: L0644 Mod. Ref No.: \_\_\_\_\_ SDG No.: SL0644  
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: L0644-01A  
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1M5983.D  
 Level: (TRACE/LOW/MED) LOW Date Received: 04/04/2012  
 % Moisture: not dec. \_\_\_\_\_ Date Analyzed: 04/12/2012  
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 10.0  
 Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
 Purge Volume: 5.0 (mL)

| CAS NO.  | COMPOUND                              | CONCENTRATION UNITS: |      | Q |
|----------|---------------------------------------|----------------------|------|---|
|          |                                       | (ug/L or ug/Kg)      | UG/L |   |
| 100-42-5 | Styrene                               |                      | 10   | U |
| 75-25-2  | Bromoform                             |                      | 10   | U |
| 98-82-8  | Isopropylbenzene                      |                      | 10   | U |
| 79-34-5  | 1,1,2,2-Tetrachloroethane             |                      | 10   | U |
| 541-73-1 | 1,3-Dichlorobenzene                   |                      | 10   | U |
| 106-46-7 | 1,4-Dichlorobenzene                   |                      | 10   | U |
| 95-50-1  | 1,2-Dichlorobenzene                   |                      | 10   | U |
| 96-12-8  | 1,2-Dibromo-3-chloropropane           |                      | 10   | U |
| 120-82-1 | 1,2,4-Trichlorobenzene                |                      | 10   | U |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane |                      | 10   | U |
| 110-82-7 | Cyclohexane                           |                      | 10   | U |
| 79-20-9  | Methyl acetate                        |                      | 10   | U |
| 108-87-2 | Methylcyclohexane                     |                      | 10   | U |

1A - FORM I VOA-1  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EFFLUENT

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: \_\_\_\_\_  
 Lab Code: MITKEM Case No.: L0644 Mod. Ref No.: \_\_\_\_\_ SDG No.: SL0644  
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: L0644-02A  
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1M5982.D  
 Level: (TRACE/LOW/MED) LOW Date Received: 04/04/2012  
 % Moisture: not dec. Date Analyzed: 04/11/2012  
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
 Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
 Purge Volume: 5.0 (mL)

| CAS NO.    | COMPOUND                  | CONCENTRATION UNITS: |      | Q |
|------------|---------------------------|----------------------|------|---|
|            |                           | (ug/L or ug/Kg)      | UG/L |   |
| 75-71-8    | Dichlorodifluoromethane   |                      | 1.0  | U |
| 74-87-3    | Chloromethane             |                      | 1.0  | U |
| 75-01-4    | Vinyl chloride            |                      | 1.0  | U |
| 74-83-9    | Bromomethane              |                      | 1.0  | U |
| 75-00-3    | Chloroethane              |                      | 1.0  | U |
| 75-69-4    | Trichlorofluoromethane    |                      | 1.0  | U |
| 75-35-4    | 1,1-Dichloroethene        |                      | 1.0  | U |
| 67-64-1    | Acetone                   |                      | 5.0  | U |
| 75-15-0    | Carbon disulfide          |                      | 1.0  | U |
| 75-09-2    | Methylene chloride        |                      | 1.0  | U |
| 156-60-5   | trans-1,2-Dichloroethene  |                      | 1.0  | U |
| 1634-04-4  | Methyl tert-butyl ether   |                      | 1.0  | U |
| 75-34-3    | 1,1-Dichloroethane        |                      | 1.0  | U |
| 78-93-3    | 2-Butanone                |                      | 5.0  | U |
| 156-59-2   | cis-1,2-Dichloroethene    |                      | 1.0  | U |
| 67-66-3    | Chloroform                |                      | 1.0  | U |
| 71-55-6    | 1,1,1-Trichloroethane     |                      | 1.0  | U |
| 56-23-5    | Carbon tetrachloride      |                      | 1.0  | U |
| 107-06-2   | 1,2-Dichloroethane        |                      | 1.0  | U |
| 71-43-2    | Benzene                   |                      | 1.0  | U |
| 79-01-6    | Trichloroethene           |                      | 1.0  | U |
| 78-87-5    | 1,2-Dichloropropane       |                      | 1.0  | U |
| 75-27-4    | Bromodichloromethane      |                      | 1.0  | U |
| 10061-01-5 | cis-1,3-Dichloropropene   |                      | 1.0  | U |
| 108-10-1   | 4-Methyl-2-pentanone      |                      | 5.0  | U |
| 108-88-3   | Toluene                   |                      | 1.0  | U |
| 10061-02-6 | trans-1,3-Dichloropropene |                      | 1.0  | U |
| 79-00-5    | 1,1,2-Trichloroethane     |                      | 1.0  | U |
| 127-18-4   | Tetrachloroethene         |                      | 2.1  |   |
| 591-78-6   | 2-Hexanone                |                      | 5.0  | U |
| 124-48-1   | Dibromochloromethane      |                      | 1.0  | U |
| 106-93-4   | 1,2-Dibromoethane         |                      | 1.0  | U |
| 108-90-7   | Chlorobenzene             |                      | 1.0  | U |
| 100-41-4   | Ethylbenzene              |                      | 1.0  | U |
| 1330-20-7  | Xylene (Total)            |                      | 1.0  | U |

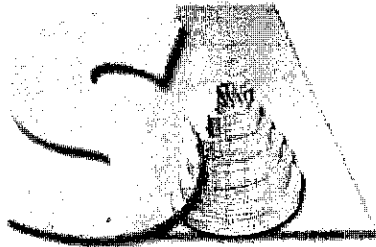
1B - FORM I VOA-2  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EFFLUENT

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: \_\_\_\_\_  
 Lab Code: MITKEM Case No.: L0644 Mod. Ref No.: \_\_\_\_\_ SDG No.: SL0644  
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: L0644-02A  
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1M5982.D  
 Level: (TRACE/LOW/MED) LOW Date Received: 04/04/2012  
 % Moisture: not dec. Date Analyzed: 04/11/2012  
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
 Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)  
 Purge Volume: 5.0 (mL)

| CAS NO.  | COMPOUND                              | CONCENTRATION UNITS: |      | Q |
|----------|---------------------------------------|----------------------|------|---|
|          |                                       | (ug/L or ug/Kg)      | UG/L |   |
| 100-42-5 | Styrene                               |                      | 1.0  | U |
| 75-25-2  | Bromoform                             |                      | 1.0  | U |
| 98-82-8  | Isopropylbenzene                      |                      | 1.0  | U |
| 79-34-5  | 1,1,2,2-Tetrachloroethane             |                      | 1.0  | U |
| 541-73-1 | 1,3-Dichlorobenzene                   |                      | 1.0  | U |
| 106-46-7 | 1,4-Dichlorobenzene                   |                      | 1.0  | U |
| 95-50-1  | 1,2-Dichlorobenzene                   |                      | 1.0  | U |
| 96-12-8  | 1,2-Dibromo-3-chloropropane           |                      | 1.0  | U |
| 120-82-1 | 1,2,4-Trichlorobenzene                |                      | 1.0  | U |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane |                      | 1.0  | U |
| 110-82-7 | Cyclohexane                           |                      | 1.0  | U |
| 79-20-9  | Methyl acetate                        |                      | 1.0  | U |
| 108-87-2 | Methylcyclohexane                     |                      | 1.0  | U |



*SPECTRUM ANALYTICAL, INC.*  
*Featuring*  
*HANIBAL TECHNOLOGY*

*\* Wet Chemistry \**

Client: Ecology and Environment Engineering P.C.

Project: Mr. C's Dry Cleaning

Client Sample ID: INFLUENT

Collection Date: 04/03/12 14:00

Lab ID: L0644-01

| Analyses                                   | Result | Qual | RL  | Units      | DF | Date Analyzed      | Batch ID         |
|--|--------|------|-----|------------|----|--------------------|------------------|
| <b>SM 2340B -- HARDNESS by Calculation</b> |        |      |     |            |    |                    | <b>SM2340_W</b>  |
| Hardness, Ca/Mg (As CaCO3)                 | 530    |      | 4.0 | mg/L CaCO3 |    | 1 04/11/2012 9:36  | 65521            |
| <b>SM 4500 H+ B -- pH VALUE</b>            |        |      |     |            |    |                    | <b>SM4500_H+</b> |
| pH   | 7.2    |      | 1.0 | S.U.       |    | 1 04/04/2012 13:00 | R66283           |

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DF - Dilution Factor

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 RL - Reporting Limit

Client: Ecology and Environment Engineering P.C.

Client Sample ID: EFFLUENT

Lab ID: L0644-02

Project: Mr. C's Dry Cleaning

Collection Date: 04/03/12 14:30

| Analyses                                   | Result | Qual | RL  | Units                  | DF | Date Analyzed     | Batch ID         |
|--|--------|------|-----|------------------------|----|-------------------|------------------|
| <b>SM 2340B -- HARDNESS by Calculation</b> |        |      |     |                        |    |                   | <b>SM2340_W</b>  |
| Hardness, Ca/Mg (As CaCO <sub>3</sub> )    | 540    |      | 4.0 | mg/L CaCO <sub>3</sub> |    | 104/11/2012 9:40  | 65521            |
| <b>SM 4500 H+ B -- pH VALUE</b>            |        |      |     |                        |    |                   | <b>SM4500_H+</b> |
| pH   | 8.1    |      | 1.0 | S.U.                   |    | 104/04/2012 13:05 | R66283           |

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
DF - Dilution Factor

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range  
RL - Reporting Limit

## **Last Page of Data Report**



**Attachment C**  
**Summary of Site Utility Costs and Projections**  
**January to December 2012**

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

**NYSDEC Work Assignment #DC13.02.01.01**

**12 Months of System Operation and Maintenance**

**April 2012 Report**

| Utility Provider  | Account #           | E&E Cost Center      | Description                  | Utility Budget: |             |             |             |          |          |          |          |          |          |          |          | Total | Ave./Month  |
|---|---------------------|----------------------|------------------------------|-----------------|-------------|-------------|-------------|----------|----------|----------|----------|----------|----------|----------|----------|-------|-------------|
|   |                     |                      |                              | Jan-2012        | Feb-2012    | Mar-2012    | Apr-2012    | May-2012 | Jun-2012 | Jul-2012 | Aug-2012 | Sep-2012 | Oct-2012 | Nov-2012 | Dec-2012 |       |             |
| New York State E&G  | 06-311-11-002616-26 | 002700.DC13.02.01.01 | Mr. C's Electric Costs       | \$1,297.64      | \$ 1,191.08 | \$ 1,075.21 | \$ 1,076.16 |          |          |          |          |          |          |          |          |       | \$12,800.00 |
| New York State E&G  | 76-311-11-015900-1B |                      | Agway Site - Electric        | \$239.29        |             | \$97.33     |             |          |          |          |          |          |          |          |          |       | \$540.00    |
| National Fuel Gas   | 5819628-05          | 002700.DC13.02.01.01 | Mr. C's Natural Gas Costs    | \$205.14        | \$ 193.04   | \$ 155.38   | \$ 258.86   |          |          |          |          |          |          |          |          |       | \$720.00    |
|   |                     |                      | <b>Totals</b>                | \$ 1,742.07     | \$ 1,384.12 | \$ 1,327.92 | \$ 1,335.02 |          |          |          |          |          |          |          |          |       | \$14,060.00 |
|   |                     |                      | Mr. C's Electric Costs       |                 |             |             |             |          |          |          |          |          |          |          |          |       |             |
|   |                     |                      | Agway Electric               |                 |             |             |             |          |          |          |          |          |          |          |          |       |             |
|   |                     |                      | Mr. C's Natural Gas Costs    |                 |             |             |             |          |          |          |          |          |          |          |          |       |             |
|   |                     |                      | <b>Totals</b>                | \$0.00          | \$ -        | \$ -        | \$ -        |          |          |          |          |          |          |          |          |       | \$ 1,160.02 |
|   |                     |                      | <b>Electric (Both sites)</b> |                 | \$4,976.71  |             |             |          |          |          |          |          |          |          |          |       | \$ 168.31   |
|   |                     |                      | <b>Natural Gas</b>           |                 | \$ 812.42   |             |             |          |          |          |          |          |          |          |          |       | \$ 203.11   |
| <b>Grand Total - NYSE&amp;G/National Fuel Gas Costs To Date</b> |                     |                      |                              | \$              | \$ 5,789.13 |             |             |          |          |          |          |          |          |          |          |       | \$ 1,531.44 |
|   |                     |                      | <b>Notes:</b>                |                 |             |             |             |          |          |          |          |          |          |          |          |       |             |
|   |                     |                      |                              |                 |             |             |             |          |          |          |          |          |          |          |          |       |             |
| <b>Phone</b>  |                     |                      |                              |                 |             |             |             |          |          |          |          |          |          |          |          |       |             |
| Utility Provider  | Phone #             | E&E Cost Center      | Location Description         | Jan-2012        | Feb-2012    | Mar-2012    | Apr-2012    | May-2012 | Jun-2012 |          |          |          |          |          |          |       |             |
| Verizon   | 716-652-0094        | 002700.DC13.02.01.01 | Mr. C's Telephone Costs      |                 |             |             |             |          |          |          |          |          |          |          |          |       |             |
| Account #   |                     |                      |                              |                 |             |             |             |          |          |          |          |          |          |          |          |       |             |
| 716 652 0094 416 26 2   |                     |                      |                              |                 |             |             |             |          |          |          |          |          |          |          |          |       |             |
| <b>Grand Total - Verizon Costs to Date</b>                      |                     |                      |                              | \$              | \$ -        |             |             |          |          |          |          |          |          |          |          |       |             |
| <b>Grand Total All Utilities To Date</b>                        |                     |                      |                              | \$              | \$ 5,789.13 |             |             |          |          |          |          |          |          |          |          |       |             |
| <b>Overbilled natural gas costs - no charges</b>                |                     |                      |                              | \$              | \$          |             |             |          |          |          |          |          |          |          |          |       |             |
| <b>Estimated Reading</b>  |                     |                      |                              | \$              | \$          |             |             |          |          |          |          |          |          |          |          |       |             |
| <b>in red -adjusted billing</b>                                 |                     |                      |                              | \$              | \$ 333.44   |             |             |          |          |          |          |          |          |          |          |       |             |

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

**NYSDEC Work Assignment #DC13**

**12 Months of System Operation and Maintenance**

**April 2012 Report**

|                       | Optimum Operating Hours | Actual Operating Hours | Up-time Percentage | Capacity | Comments:           | Budget Remaining: | Electric: | Telephone: | Gas | Total:            |
|-----------------------|-------------------------|------------------------|--------------------|----------|---------------------|-------------------|-----------|------------|-----|-------------------|
| January-12            | 692                     | 692                    | 100.00%            | 13.8%    | Mild January        | \$7,823.29        |           |            |     |                   |
| February-12           | 766                     | 766                    | 100.00%            | 11.7%    | Mild February       | \$540.00          |           |            |     |                   |
| March-12              | 720                     | 720                    | 100.00%            | 10.5%    | Very Mild March     | -\$92.42          |           |            |     |                   |
| April-12              | 624                     | 624                    | 100.00%            | 7.2%     | Warm and Fair April |                   |           |            |     |                   |
| May-12                |                         |                        | #DIV/0!            |          |                     |                   |           |            |     |                   |
| June-12               |                         |                        | #DIV/0!            |          |                     |                   |           |            |     |                   |
| July-12               |                         |                        | #DIV/0!            |          |                     |                   |           |            |     |                   |
| August-12             |                         |                        | #DIV/0!            |          |                     |                   |           |            |     |                   |
| September-12          |                         |                        | #DIV/0!            |          |                     |                   |           |            |     |                   |
| October-12            |                         |                        | #DIV/0!            |          |                     |                   |           |            |     |                   |
| November-12           |                         |                        | #DIV/0!            |          |                     |                   |           |            |     |                   |
| December-12           |                         |                        | #DIV/0!            |          |                     |                   |           |            |     |                   |
| <b>Totals to Date</b> | <b>2804</b>             | <b>2804</b>            | <b>100.00%</b>     |          |                     |                   |           |            |     | <b>\$8,270.87</b> |

\* 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 others run on a batch basis.

**Monthly Average Costs**

|                                |           |                 |                          |                    |  |  |  |  |  |  |
|--------------------------------|-----------|-----------------|--------------------------|--------------------|--|--|--|--|--|--|
| Mr. C's Electric               | \$        | 1,160.02        |                          |                    |  |  |  |  |  |  |
| Agway Electric                 | \$        | 168.31          |                          |                    |  |  |  |  |  |  |
| Mr. C's Gas                    | \$        | 203.11          |                          |                    |  |  |  |  |  |  |
| Mr. C's Telephone              | \$        | -               |                          |                    |  |  |  |  |  |  |
| <b>Ave. Utility Cost Total</b> | <b>\$</b> | <b>1,531.44</b> | <b>12 Month Estimate</b> | <b>\$19,908.69</b> |  |  |  |  |  |  |

ATTACHMENT C