



# ecology and environment engineering, p.c.

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

July 9, 2010

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

Re: Mr. C's Dry Cleaners Site, Contract # D004442.DC13, Site # 9-15-157  
June 2010 Operations, Maintenance, and Monitoring Report

Dear Mr. Welling:

Ecology and Environment Engineering, P.C. (EEEPC) is pleased to provide the June 2010 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) on June 8, 2010 are provided as Attachment B. The full analytical report 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 June 2010, 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 6/2, 6/8, 6/14, 6/21, 7/2, and 7/6/10.
- Based on the weekly inspection results performed by IEG, the remedial treatment system had a 100.00% operational up-time (Table 1) for June 2010 and the treatment of contaminated groundwater totaling of 268,627 gallons (Table 2).
- The analytical samples for the monthly compliance were taken on June 2, 2010. The sampling results were received by EEEPC on June 16, 2010. Excerpts from the Analytical Data package for the June 2, 2010 sampling event are presented in Attachment B.
- A review of the analytical data revealed the influent concentration to be 1,530.0 ug/L or 1,530.0 ppb, and 0.73 ug/L or 0.73 ppb of treated effluent. The summary of influent and effluent contaminant concentrations for June 2010 is presented in Table 4. The increase in the influent concentrations can be contributed to a decrease in the amount of groundwater pumped from well RW-1 due to level

transducer and electrical problems. Pumping well RW-1 has had consistently lower or non-detect concentrations of the contaminants of concern than the other pumping wells in the annual groundwater sampling. Thus when pumping well RW-1 is running causes lower or dilution of the influent contaminates from the other pumping locations.

- Overall cleanup efficiency for the contaminants of concern at the site during the reporting period 6/2/10 to 7/6/10 was 99.95%.
- The air stripper unit on the Mr. C's property is 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 June 2010 is presented in Table 3.
- The Mr. C's treatment system based on the total monthly flows has effectively removed 3.43 lbs of targeted contaminants from the groundwater below the site in the month of June 2010. The calculations and data for the month and entire year of 2010 are presented in Table 5.
- On 6/21/10, IEG responded to an Auto Dialer alarm, which was seemingly caused by electrical overload. On 7/6/10 IEG replaced the starter motor (contactor) on Blower #1, Blower #2, and Influent Pump #2, because the contacts were melted. The starter motor (contactor) in well RW-1 was also replaced.

The air stripper unit on Mr. C's property continues to be in compliance and provide analytical data to sub-ppb accuracy, supporting the accurate determination of effluent contaminant levels. Based on analytical results for the June 2, 2010 sampling event, the Mr. C's treatment system continues to effectively remove targeted contaminants from the groundwater below the site in accordance with the SPDES Equivalency permit.

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

- No current operational issues.

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

- No current operational issues.

#### **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 June 2010 and year to date are provided as Attachment C.

**Mr. William Welling PE, Project Manager**

**July 9, 2010**

**Page 3 of 3**

If you have questions regarding the June 2010 OM&M report summary, please do not hesitate to contact me at 716-684-8060.

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



Michael G. Steffan  
Project Manager

cc: D. Szymanski, Region 9, NYSDEC - Buffalo w/ attachments  
D. 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 1/5/10)</b>	<b>61,992.50</b>	<b>95.99%</b>
January 5, 2010 - February 1, 2010	648	100.00%
February 1, 2010 - March 2, 2010	696	100.00%
March 2, 2010 - March 30, 2010	672	100.00%
March 30, 2010 - April 27, 2010	672	100.00%
April 27, 2010 - June 2, 2010	816	94.44%
June 2, 2010 - July 6, 2010	816	100.00%
July 2010		
August 2010		
September 2010		
October 2010		
November 2010		
December 2010		
<b>Total Hours from System Startup '2/02'</b>	<b>66,312.50</b>	
<b>Average Operational Up-time from startup =</b>		<b>96.17%</b>
<b>Average Operational Up-time for 2010 =</b>		<b>98.90%</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
<b>Total - Inception to December 2009</b>	<b>9/5/02 - 1/5/10</b>	<b>109,009,157</b>
January 2010 <sup>3</sup>	1/5/10 - 2/1/10	648,852
February 2010 <sup>3</sup>	2/1/10 - 3/2/10	672,687
March 2010 <sup>3</sup>	3/2/10 - 3/30/10	491,152
April 2010 <sup>3</sup>	3/30/10 - 4/27/10	228,188
May 2010 <sup>3</sup>	4/27/10 - 6/2/2010	322,174
June 2010 <sup>3</sup>	6/2/2010 - 7/6/2010	268,627
July 2010 <sup>3</sup>		
August 2010 <sup>3</sup>		
September 2010 <sup>3</sup>		
October 2010 <sup>3</sup>		
November 2010 <sup>3</sup>		
December 2010 <sup>3</sup>		
<b>Total Gallons Treated in 2010</b>		<b>2,631,680</b>
<b>Total Gallons Treated To Date:</b>		<b>111,640,837</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	June 2, 2010 Effluent Analytical Values- Compliance
Flow	6.0 - 9.0	gpd	7,900.79
pH	standard units		7.80
1,1-Dichloroethene	10	µg/L	ND(<1.0)
1,2-Dichloroethane	10	µg/L	ND(<1.0)
cis-1,2-dichloroethene	10	µg/L	ND(<1.0)
Trichloroethene	10	µg/L	ND(<1.0)
Tetrachloroethene	10	µg/L	0.073 J
Vinyl Chloride	10	µg/L	ND(<1.0)
Benzene	5	µg/L	ND(<1.0)
Ethylbenzene	5	µg/L	ND(<1.0)
Methylene Chloride	10	µg/L	ND(<1.0)
1,1,1-Trichloroethane	10	µg/L	ND(<1.0)
Toluene	5	µg/L	ND(<1.0)
Methyl-t-Butyl Ether (MTBE)	NA	ug/L	ND(<1.0)
o-Xylene <sup>2</sup>	5	µg/L	NA
m, p-Xylene <sup>3</sup>	10	µg/L	NA
Total Xylenes	NA	ug/L	ND(<1.0)
Iron, total	600	µg/l	NA <sup>9</sup>
Aluminum	4,000	µg/l	NA <sup>9</sup>
Copper	48	µg/l	NA <sup>9</sup>
Lead	11	µg/l	NA <sup>9</sup>
Manganese	2,000	µg/l	NA <sup>9</sup>
Silver	100	µg/l	NA <sup>9</sup>
Vanadium	28	µg/l	NA <sup>9</sup>
Zinc	230	µg/l	NA <sup>9</sup>
Total Dissolved Solids	850	mg/L	NA <sup>9</sup>
Total Suspended Solids	20	mg/L	NA <sup>9</sup>
Hardness	N/A	mg/l	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-Xylene and m, p-Xylene. Total Xylene value reported is given in each line.
- Shaded cells indicate that analytical value exceeds the "Daily Maximum"
- "ND" indicates that the compound was not detected and lists the practical quantitation limit in parentheses.
- "NA" indicates that analyses were not performed and data is unavailable.
- Average flows based on effluent readings taken June 2, 2010 through July 6, 2010. Total gallons: 268,627 divided by 34 operating days (816 actual operating hours).
- "J" indicates an estimated value below the detection limit.
- "B" indicates analyte found in the associated blank.
- Removed from the required analysis list by NYSDEC Region 9 in February 2005.

**Table 4**  
**Mr. C's Dry Cleaners Site Remediation**  
**NYSDEC Site #9-15-157**  
**June 2010 VOC Analytical Summary**

Compound	Based on the 6/2/10 Effluent Sampling Results		
	Influent Concentration* (ug/L)	Effluent Concentration* (ug/L)	Cleanup Efficiency** (%)
Acetone	ND (<20.0)	ND (<1.0)	NA
Benzene	ND (<10.0)	ND (<1.0)	NA
2-Butanone	ND (<4.0)	ND (<1.0)	NA
cis-1, 2-Dichloroethene	41.0	ND (<1.0)	100.00%
Methylene chloride	ND (<4.0)	ND (<1.0)	NA
Methyl tert-butyl ether (MTBE)	17.0	ND (<1.0)	100.00%
Tetrachloroethene	1400.0	0.73	99.95%
Toluene	ND (<4.0)	ND (<1.0)	NA
Trichloroethene	72.0	ND (<1.0)	100.00%
Carbon Disulfide	ND (<4.0)	ND (<1.0)	NA
1,1,2 Trichloro-1,2,2-trifluoroethane	ND (<4.0)	ND (<1.0)	NA
Cyclohexane	ND (<4.0)	ND (<1.0)	NA
trans-1,2-dichloroethene	ND (<4.0)	ND (<1.0)	NA
Methylcyclohexane	ND (<4.0)	ND (<1.0)	NA
Methyl acetate	ND (<4.0)	ND (<1.0)	NA
Total Xylenes	ND (<4.0)	ND (<1.0)	NA
<b>June 2, 2010 TOTALs (in ug/L) = 1530.0</b>			<b>99.95%</b>

0.73

- Notes:
1. "NA" = Not applicable
  2. "ND" or "U" = Compound analyzed, but was not detected. Detection limit in parentheses
  3. "J" indicates an estimated value below the practical quantitation limit but above the method detection limit.
  4. Non-defect values are assumed to be equal to zero for calculation of monthly average concentrations.
  5. "D" = Compounds identified in analysis required secondary dilution factoring.
  6. "B" indicates analyte found in the associated blank.

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

**Attachment A**  
**IEG Weekly Inspection Reports**  
**June 2010**

**Including:**

6/2/10

6/8/10

6/14/10

6/21/10

7/2/10

7/6/10



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

DATE: 2-Jun-10 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen OTHER PERSONNEL: \_\_\_\_\_

WEATHER CONDITIONS: Partly cloudy, warm OUTSIDE TEMPERATURE (° F): 75

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

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PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: <input checked="" type="checkbox"/>	OFF: _____	<u>11</u> ft	PW-5	ON: _____	OFF: <input checked="" type="checkbox"/>	<u>7</u> ft
PW-2	ON: _____	OFF: <input checked="" type="checkbox"/>	<u>5</u> ft	PW-6	ON: <input checked="" type="checkbox"/>	OFF: _____	<u>7</u> ft
PW-3	ON: _____	OFF: <input checked="" type="checkbox"/>	<u>5</u> ft	PW-7	ON: <input checked="" type="checkbox"/>	OFF: _____	<u>10</u> ft
PW-4	ON: _____	OFF: <input checked="" type="checkbox"/>	<u>8</u> ft	PW-8	ON: <input checked="" type="checkbox"/>	OFF: _____	<u>4</u> ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 5/10/10 Air Stripper Low Air Pressure

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

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INFLUENT FLOW RATE: 22 gpm INFLUENT TOTALIZER READING: 8,144,511.0 gallons

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SEQUESTERING AGENT DRUM LEVEL: 2 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 3.4 gallons

SEQUESTERING AGENT FEED RATE: 7.0 ml/min METERING PUMP PRESSURE: 2.0 psi

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

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INFLUENT FEED PUMP IN USE: #1 \_\_\_\_\_ #2  INFLUENT PUMP PRESSURE: 19 psi

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AIR STRIPPER BLOWER IN USE: #1  #2 \_\_\_\_\_ AIR STRIPPER PRESSURE: 37.0 in. H<sub>2</sub>O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.045 in. H<sub>2</sub>O DISCHARGE PRESSURE: 1.2 in. H<sub>2</sub>O

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EFFLUENT PUMP IN USE: #1  #2 \_\_\_\_\_ EFFLUENT FEED PUMP PRESSURE: 7.0 psi

EFFLUENT FLOW RATE: 90 gpm EFFLUENT TOTALIZER READING: 59,140,574 410480 gallons

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ARE BUILDING HEATERS IN USE? YES: \_\_\_\_\_ NO:  INSIDE TEMPERATURE (° F): 85

---

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

WATER LEVEL IN SUMP: 6.0 in. TREATMENT BUILDING CLEAN & ORGANIZED? YES:  NO: \_\_\_\_\_

**MR. C's DRY CLEANERS SITE**  
**NYSDEC Site #90150157**  
**SITE INSPECTION FORM**

2-Jun-10

SAMPLES COLLECTED? YES:  NO:

	Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Cond.
AIR STRIPPER INFLUENT:	INF	1:30 PM	7.22	8.43	18.4	2749
AIR STRIPPER EFFLUENT:	EFF	1:30 PM	8.66	8.4	20.5	2790

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:

P-4C is damaged.

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

Remarks: Turned down Jesco pump slightly to: Left 2.2; Right 1.2.

Other Actions: A. DuiePYLE delivered (3) drums of Redux.

Switched Redux pickup to new drum. Have (3) full drums.

Delivered (4) cleaned Redux drums to Harbison Bros. Inc. for recycling.

**AGWAY**

SYSTEM VACUUM: <u>-21</u> in. H <sub>2</sub> O				AIR PRESSURE: <u>115</u> psi			
SP-1:	<u>1.2</u>	scfm	<u>24.0</u> psi	SP-5:	<u>0.0</u>	scfm	<u>28.0</u> psi
SP-2:	<u>0.0</u>	scfm	<u>&gt; 30</u> psi	SP-6:	<u>1.2</u>	scfm	<u>30.0</u> psi
SP-3:	<u>0.0</u>	scfm	<u>30.0</u> psi	SP-7:	<u>0.0</u>	scfm	<u>&gt; 30</u> psi
SP-4:	<u>0.0</u>	scfm	<u>&gt; 30</u> psi	SP-8:	<u>0.0</u>	scfm	<u>&gt; 30</u> psi

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

Remarks: Construction vehicles and equipment parked throughout site.

Concrete dump and scaffolding placed near shed.

Other Actions: Champion compressor motor sounds noisy. SVE vacuum drum is dry.

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

DATE: 8-Jun-10 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen OTHER PERSONNEL: \_\_\_\_\_

WEATHER CONDITIONS: Partly cloudy, warm OUTSIDE TEMPERATURE (° F): 62

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

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PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: <input checked="" type="checkbox"/>	OFF: <u>11</u> ft	PW-5	ON: _____	OFF: <input checked="" type="checkbox"/> <u>6</u> ft
PW-2	ON: _____	OFF: <input checked="" type="checkbox"/> <u>7</u> ft	PW-6	ON: _____	OFF: <input checked="" type="checkbox"/> <u>6</u> ft
PW-3	ON: <input checked="" type="checkbox"/>	OFF: <u>7</u> ft	PW-7	ON: <input checked="" type="checkbox"/>	OFF: _____ <u>10</u> ft
PW-4	ON: _____	OFF: <input checked="" type="checkbox"/> <u>7</u> ft	PW-8	ON: <input checked="" type="checkbox"/>	OFF: _____ <u>6</u> ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 5/10/10 Air Stripper Low Air Pressure

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

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INFLUENT FLOW RATE: 10 gpm INFLUENT TOTALIZER READING: 8,234,807.0 gallons

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SEQUESTERING AGENT DRUM LEVEL: 22 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 37 gallons

SEQUESTERING AGENT FEED RATE: 7.0 ml/min METERING PUMP PRESSURE: 2.0 psi

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

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INFLUENT FEED PUMP IN USE: #1 \_\_\_\_\_ #2  INFLUENT PUMP PRESSURE: 18 psi

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AIR STRIPPER BLOWER IN USE: #1  #2 \_\_\_\_\_ AIR STRIPPER PRESSURE: 41.0 in. H<sub>2</sub>O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.037 in. H<sub>2</sub>O DISCHARGE PRESSURE: 1.0 in. H<sub>2</sub>O

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EFFLUENT PUMP IN USE: #1  #2 \_\_\_\_\_ EFFLUENT FEED PUMP PRESSURE: 6.0 psi

EFFLUENT FLOW RATE: 90 gpm EFFLUENT TOTALIZER READING: 59,198,497 468680 gallons

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ARE BUILDING HEATERS IN USE? YES: \_\_\_\_\_ NO:  INSIDE TEMPERATURE (° F): 78

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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**

8-Jun-10

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:

PZ-4C is damaged.

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

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

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

**AGWAY**

SYSTEM VACUUM: <u>-22</u> in. H <sub>2</sub> O				AIR PRESSURE: <u>100</u> psi			
SP-1:	<u>0.0</u>	scfm	<u>23.0</u> psi	SP-5:	<u>0.0</u>	scfm	<u>28.5</u> psi
SP-2:	<u>0.0</u>	scfm	<u>&gt; 30</u> psi	SP-6:	<u>0.0</u>	scfm	<u>30.0</u> psi
SP-3:	<u>0.0</u>	scfm	<u>&gt; 30</u> psi	SP-7:	<u>0.0</u>	scfm	<u>&gt; 30</u> psi
SP-4:	<u>0.0</u>	scfm	<u>&gt; 30</u> psi	SP-8:	<u>0.0</u>	scfm	<u>&gt; 30</u> psi

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

Remarks: Small amount of construction vehicles and materials on site.  
 Scaffolding and concrete wash-out pile near shed.

Other Actions: Moved scaffolding next to building after unsuccessful attempts to locate owners.  
 SVE vacuum drum is dry.

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

DATE: 14-Jun-10 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen OTHER PERSONNEL: \_\_\_\_\_

WEATHER CONDITIONS: Cloudy, drizzle, warm OUTSIDE TEMPERATURE (° F): 66

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

PW-7 remains ON at a steady 10 on PanelView. Settings: 8 to 3

RW-1 remains ON at a steady 11 on PanelView. Settings: 10 - 4

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: <input checked="" type="checkbox"/>	OFF: <u>11</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: _____	OFF: <input checked="" type="checkbox"/> <u>7</u> ft
PW-3	ON: _____	OFF: <input checked="" type="checkbox"/> <u>6</u> ft	PW-7	ON: <input checked="" type="checkbox"/>	OFF: _____ <u>10</u> ft
PW-4	ON: <input checked="" type="checkbox"/>	OFF: _____ <u>5</u> ft	PW-8	ON: <input checked="" type="checkbox"/>	OFF: _____ <u>6</u> ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 5/10/10 Air Stripper Low Air Pressure

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

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INFLUENT FLOW RATE: 8 gpm INFLUENT TOTALIZER READING: 8,320,675.0 gallons

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SEQUESTERING AGENT DRUM LEVEL: 17 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 29 gallons

SEQUESTERING AGENT FEED RATE: 7.0 ml/min METERING PUMP PRESSURE: 2.0 psi

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BAG FILTER PRESSURES:	Top	Bottom	RIGHT:	Top	Bottom
	LEFT:	<u>0</u>		<u>0</u>	<u>7</u>

psi

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INFLUENT FEED PUMP IN USE: #1 \_\_\_\_\_ #2  INFLUENT PUMP PRESSURE: 19 psi

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AIR STRIPPER BLOWER IN USE: #1  #2 \_\_\_\_\_ AIR STRIPPER PRESSURE: 42.0 in. H<sub>2</sub>O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.032 in. H<sub>2</sub>O DISCHARGE PRESSURE: 0.9 in. H<sub>2</sub>O

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EFFLUENT PUMP IN USE: #1  #2 \_\_\_\_\_ EFFLUENT FEED PUMP PRESSURE: 7.5 psi

EFFLUENT FLOW RATE: 90 gpm EFFLUENT TOTALIZER READING: 59,252,935 529300 gallons

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ARE BUILDING HEATERS IN USE? YES: \_\_\_\_\_ NO:  INSIDE TEMPERATURE (° F): 82

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

WATER LEVEL IN SUMP: 6.0 in. TREATMENT BUILDING CLEAN & ORGANIZED? YES:  NO: \_\_\_\_\_

**MR. C's DRY CLEANERS SITE**  
**NYSDEC Site #90150157**  
**SITE INSPECTION FORM**

14-Jun-10

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:

PZ-4C is damaged. Many MWs and UEs have puddles on them from rain.

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

Remarks: RW-1 pump down time - pump remains ON at 11.

Other Actions:

**AGWAY**

SYSTEM VACUUM: <u>-22</u> in. H <sub>2</sub> O				AIR PRESSURE: <u>110</u> psi			
SP-1:	<u>0.0</u>	scfm	<u>15.0</u> psi	SP-5:	<u>0.0</u>	scfm	<u>28.5</u> psi
SP-2:	<u>0.0</u>	scfm	<u>&gt; 30</u> psi	SP-6:	<u>0.0</u>	scfm	<u>&gt; 30</u> psi
SP-3:	<u>0.0</u>	scfm	<u>&gt; 30</u> psi	SP-7:	<u>0.0</u>	scfm	<u>&gt; 30</u> psi
SP-4:	<u>0.0</u>	scfm	<u>&gt; 30</u> psi	SP-8:	<u>0.0</u>	scfm	<u>&gt; 30</u> psi

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

Remarks: SVE vacuum drum is dry.  
 Construction vehicles and materials parked throughout the site.

Other Actions:

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

DATE: 21-Jun-10 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen, D. Iyer OTHER PERSONNEL: E & E, Inc. personnel

WEATHER CONDITIONS: Partly cloudy, warm OUTSIDE TEMPERATURE (°F): 76

---

ARE WELL PUMPS OPERATING IN AUTO: YES:  NO:  If "NO", provide explanation below  
RW-1 and PW-7 do not appear to be pumping down.

---

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: <input checked="" type="checkbox"/>	OFF: <u>11</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: <u>12</u> ft	PW-6	ON: <input type="checkbox"/>	OFF: <input checked="" type="checkbox"/> <u>4</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>13</u> ft
PW-4	ON: <input checked="" type="checkbox"/>	OFF: <input type="checkbox"/> <u>4</u> ft	PW-8	ON: <input checked="" type="checkbox"/>	OFF: <input type="checkbox"/> <u>11</u> ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 5/10/10 Air Stripper Low Air Pressure

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

---

INFLUENT FLOW RATE: 8 gpm INFLUENT TOTALIZER READING: 8,417,296.0 gallons

---

SEQUESTERING AGENT DRUM LEVEL: 8 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 13.5 gallons

SEQUESTERING AGENT FEED RATE: 5.0 ml/min METERING PUMP PRESSURE: 2.0 psi

---

	Top	Bottom		Top	Bottom
BAG FILTER PRESSURES:	LEFT: <u>40</u>	<u>0</u> psi	RIGHT:	<u>44</u>	<u>0</u> psi

---

INFLUENT FEED PUMP IN USE: #1  #2  INFLUENT PUMP PRESSURE: 19 psi

---

AIR STRIPPER BLOWER IN USE: #1  #2  AIR STRIPPER PRESSURE: 43.0 in. H<sub>2</sub>O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.03 in. H<sub>2</sub>O DISCHARGE PRESSURE: 0.1 in. H<sub>2</sub>O

---

EFFLUENT PUMP IN USE: #1  #2  EFFLUENT FEED PUMP PRESSURE: 7.0 psi

EFFLUENT FLOW RATE: 91 gpm EFFLUENT TOTALIZER READING: 59,313,504 583980 gallons

---

ARE BUILDING HEATERS IN USE? YES:  NO:  INSIDE TEMPERATURE (°F): 90

---

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

WATER LEVEL IN SUMP: 6.0 in. TREATMENT BUILDING CLEAN & ORGANIZED? YES:  NO:

**MR. C's DRY CLEANERS SITE**  
**NYSDEC Site #90150157**  
**SITE INSPECTION FORM**

21-Jun-10

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:

PZ-4C is damaged.

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

Remarks: Turned up Jesco pump slightly to: Left 2.25; Right 1.2.

Other Actions: Changed bag filters. Filter basket handle eyelet broke. Replaced broken basket with new heavy duty basket.  
 Respond to Auto Dialer alarm. Appears to be electrical overload.

**AGWAY**

SYSTEM VACUUM: <u>-21</u> in. H <sub>2</sub> O				AIR PRESSURE: <u>75</u> psi			
SP-1:	<u>0.0</u>	scfm	<u>25.0</u> psi	SP-5:	<u>0.0</u>	scfm	<u>28.5</u> psi
SP-2:	<u>0.0</u>	scfm	<u>&gt; 30</u> psi	SP-6:	<u>0.0</u>	scfm	<u>&gt; 30</u> psi
SP-3:	<u>0.0</u>	scfm	<u>&gt; 30</u> psi	SP-7:	<u>0.0</u>	scfm	<u>&gt; 30</u> psi
SP-4:	<u>0.0</u>	scfm	<u>&gt; 30</u> psi	SP-8:	<u>0.0</u>	scfm	<u>&gt; 30</u> psi

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

Remarks: Construction vehicles parked throughout site.  
 SVE vacuum drum is dry.

Other Actions:



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

DATE: 2-Jul-10 ACTIVITIES: Site Inspection

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

WEATHER CONDITIONS: Partly cloudy, warm OUTSIDE TEMPERATURE (°F): 66

---

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

---

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: <input checked="" type="checkbox"/>	OFF: <u>11</u> ft	PW-5	ON: <input checked="" type="checkbox"/>	OFF: <u>5</u> ft
PW-2	ON: <input checked="" type="checkbox"/>	OFF: <u>6</u> ft	PW-6	ON: <input type="checkbox"/>	OFF: <input checked="" type="checkbox"/> <u>3</u> ft
PW-3	ON: <input type="checkbox"/>	OFF: <input checked="" type="checkbox"/> <u>4</u> ft	PW-7	ON: <input checked="" type="checkbox"/>	OFF: <u>10</u> ft
PW-4	ON: <input type="checkbox"/>	OFF: <input checked="" type="checkbox"/> <u>5</u> ft	PW-8	ON: <input checked="" type="checkbox"/>	OFF: <u>4</u> ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 6/25/10 Air Stripper Low Air Pressure

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

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INFLUENT FLOW RATE: 12 gpm INFLUENT TOTALIZER READING: 8,510,232.0 gallons

---

SEQUESTERING AGENT DRUM LEVEL: 3 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 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>7</u>	<u>0</u> psi

---

INFLUENT FEED PUMP IN USE: #1  #2  INFLUENT PUMP PRESSURE: 19 psi

---

AIR STRIPPER BLOWER IN USE: #1  #2  AIR STRIPPER PRESSURE: 41.0 in. H<sub>2</sub>O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.023 in. H<sub>2</sub>O DISCHARGE PRESSURE: 0.1 in. H<sub>2</sub>O

---

EFFLUENT PUMP IN USE: #1  #2  EFFLUENT FEED PUMP PRESSURE: 6.5 psi

EFFLUENT FLOW RATE: 90 gpm EFFLUENT TOTALIZER READING: 59,371,976 | 642510 gallons

---

ARE BUILDING HEATERS IN USE? YES:  NO:  INSIDE TEMPERATURE (°F): 80

---

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

WATER LEVEL IN SUMP: 6.0 in. TREATMENT BUILDING CLEAN & ORGANIZED? YES:  NO:

**MR. C's DRY CLEANERS SITE**  
**NYSDEC Site #90150157**  
**SITE INSPECTION FORM**

2-Jul-10

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:

PZ-4C is damaged.

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

Remarks: Switched Redux pickup to new drum. Rinsed out old drum. Have (2) full drums.

Other Actions: # 2 Blower Motor - inspected and removed for repair. Reinstalled blower motor.

**AGWAY**

SYSTEM VACUUM: <u>  -22  </u> in. H <sub>2</sub> O				AIR PRESSURE: <u>  120  </u> psi			
SP-1:	<u>  0.0  </u>	scfm	<u>  25.5  </u> psi	SP-5:	<u>  0.0  </u>	scfm	<u>  28.5  </u> psi
SP-2:	<u>  0.0  </u>	scfm	<u>  &gt; 30  </u> psi	SP-6:	<u>  0.0  </u>	scfm	<u>  &gt; 30  </u> psi
SP-3:	<u>  0.0  </u>	scfm	<u>  &gt; 30  </u> psi	SP-7:	<u>  0.0  </u>	scfm	<u>  &gt; 30  </u> psi
SP-4:	<u>  0.0  </u>	scfm	<u>  &gt; 30  </u> psi	SP-8:	<u>  0.0  </u>	scfm	<u>  &gt; 30  </u> psi

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

Remarks: Recommend trimming plants around shed.

Other Actions:

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

DATE: 6-Jul-10 ACTIVITIES: Site Inspection

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

WEATHER CONDITIONS: Partly cloudy, hot OUTSIDE TEMPERATURE (°F): 85

---

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

---

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: _____	OFF: <input checked="" type="checkbox"/> <u>5</u> ft	PW-5	ON: <input checked="" type="checkbox"/> _____	OFF: _____ <u>8</u> ft
PW-2	ON: _____	OFF: <input checked="" type="checkbox"/> <u>6</u> ft	PW-6	ON: _____	OFF: <input checked="" type="checkbox"/> <u>3</u> ft
PW-3	ON: _____	OFF: <input checked="" type="checkbox"/> <u>7</u> ft	PW-7	ON: <input checked="" type="checkbox"/> _____	OFF: _____ <u>10</u> ft
PW-4	ON: _____	OFF: <input checked="" type="checkbox"/> <u>7</u> ft	PW-8	ON: <input checked="" type="checkbox"/> _____	OFF: _____ <u>4</u> ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 7/6/10 Air Stripper Low Level

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

---

INFLUENT FLOW RATE: 13 gpm INFLUENT TOTALIZER READING: 8,568,240.0 gallons

---

SEQUESTERING AGENT DRUM LEVEL: 27 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 46 gallons

SEQUESTERING AGENT FEED RATE: 7.0 ml/min METERING PUMP PRESSURE: 3.0 psi

---

BAG FILTER PRESSURES:		Top	Bottom		Top	Bottom
	LEFT:	<u>0</u>	<u>0</u> psi	RIGHT:	<u>7</u>	<u>0</u> psi

---

INFLUENT FEED PUMP IN USE: #1 \_\_\_\_\_ #2  INFLUENT PUMP PRESSURE: 19 psi

---

AIR STRIPPER BLOWER IN USE: #1 \_\_\_\_\_ #2  AIR STRIPPER PRESSURE: 36.0 in. H<sub>2</sub>O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.024 in. H<sub>2</sub>O DISCHARGE PRESSURE: 0.1 in. H<sub>2</sub>O

---

EFFLUENT PUMP IN USE: #1  #2 \_\_\_\_\_ EFFLUENT FEED PUMP PRESSURE: 6.0 psi

EFFLUENT FLOW RATE: 90 gpm EFFLUENT TOTALIZER READING: 59,409,201 | 679990 gallons

---

ARE BUILDING HEATERS IN USE? YES: \_\_\_\_\_ NO:  INSIDE TEMPERATURE (°F): 91

---

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**

6-Jul-10

SAMPLES COLLECTED? YES:  NO:

	Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Cond.
AIR STRIPPER INFLUENT:	INF	11:30 AM	7.36	7.95	19.7	2891
AIR STRIPPER EFFLUENT:	EFF	11:30 AM	8.49	19.7	21.5	2824

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:

PZ-4C is damaged.

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

Remarks:

Other Actions: Blower #1 - replaced starter motor (contactor). Blower #2 - replaced starter motor (contactor). Contacts were melted.

Influent Pump #2 - replaced starter motor (contactor). Contacts were melted.

RW-1 - replaced starter motor (contactor).

**AGWAY**

SYSTEM VACUUM: <u>-21</u> in. H <sub>2</sub> O				AIR PRESSURE: <u>75</u> psi			
SP-1:	<u>0.0</u>	scfm	<u>25.0</u> psi	SP-5:	<u>0.0</u>	scfm	<u>28.5</u> psi
SP-2:	<u>0.0</u>	scfm	<u>&gt; 30</u> psi	SP-6:	<u>0.0</u>	scfm	<u>30.0</u> psi
SP-3:	<u>0.0</u>	scfm	<u>&gt; 30</u> psi	SP-7:	<u>0.0</u>	scfm	<u>&gt; 30</u> psi
SP-4:	<u>0.0</u>	scfm	<u>&gt; 30</u> psi	SP-8:	<u>0.0</u>	scfm	<u>&gt; 30</u> psi

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

Remarks: SVE vacuum drum is dry.

Recommend trimming weeds around shed.

Other Actions:

**MR. C's DRY CLEANERS SITE**  
 NYSDEC Site #9-15-157  
**OM&M: PIEZOMETER WATER LEVEL LOG**

Date: 15-Jun-10

Measurements taken by:

R. Allen

RW-1	<u>14.60</u> ft	Comments:	
PZ-1A	<u>11.07</u> ft	Comments:	
PZ-1B	<u>10.90</u> ft	Comments:	
PZ-1C	<u>12.05</u> ft	Comments:	
PZ-1D	<u>12.17</u> ft	Comments:	
PW-2	<u>21.30</u> ft	Comments:	
PZ-2A	<u>10.76</u> ft	Comments:	
PZ-2B	<u>11.09</u> ft	Comments:	
PZ-2C	<u>10.57</u> ft	Comments:	
MW-7	<u>11.09</u> ft	Comments:	Substitute for 2D
PW-3	<u>23.00</u> ft	Comments:	
PZ-3A	<u>11.21</u> ft	Comments:	
PZ-3B	<u>11.33</u> ft	Comments:	
PZ-3C	<u>11.75</u> ft	Comments:	
PZ-3D	<u>11.30</u> ft	Comments:	
PW-4	<u>23.30</u> ft	Comments:	
PZ-4A	<u>11.41</u> ft	Comments:	
PZ-4B	<u>10.80</u> ft	Comments:	
PZ-4C	<u>-----</u> ft	Comments:	damaged
PZ-4D	<u>10.32</u> ft	Comments:	

PW-5	<u>13.70</u> ft	Comments:	
PZ-5A	<u>10.29</u> ft	Comments:	
PZ-5B	<u>10.63</u> ft	Comments:	
PZ-5C	<u>10.20</u> ft	Comments:	
PZ-5D	<u>11.02</u> ft	Comments:	
PW-6	<u>22.80</u> ft	Comments:	
PZ-6A	<u>11.51</u> ft	Comments:	
PZ-6B	<u>11.38</u> ft	Comments:	
PZ-6C	<u>11.59</u> ft	Comments:	
PZ-6D	<u>11.25</u> ft	Comments:	Shown as RW-2 on map
PW-7	<u>13.70</u> ft	Comments:	
MPI-6S	<u>11.07</u> ft	Comments:	
PZ-7B	<u>11.27</u> ft	Comments:	
OW-B	<u>11.12</u> ft	Comments:	
PZ-7D	<u>10.87</u> ft	Comments:	
PW-8	<u>19.70</u> ft	Comments:	
PZ-8A	<u>8.08</u> ft	Comments:	
PZ-8B	<u>8.01</u> ft	Comments:	
PZ-8C	<u>7.64</u> ft	Comments:	
PZ-8D	<u>7.89</u> ft	Comments:	

**PUMPS IN OPERATION DURING MEASUREMENTS**

RW-1 pump on?	Yes	<input checked="" type="checkbox"/>	No	PW-5 pump on?	Yes	<input checked="" type="checkbox"/>	No
PW-2 pump on?	Yes	<input checked="" type="checkbox"/>	No	PW-6 pump on?	Yes	<input checked="" type="checkbox"/>	No
PW-3 pump on?	Yes	<input checked="" type="checkbox"/>	No	PW-7 pump on?	<input checked="" type="checkbox"/>	Yes	No
PW-4 pump on?	Yes	<input checked="" type="checkbox"/>	No	PW-8 pump on?	<input checked="" type="checkbox"/>	Yes	No

# Mr. C's CLEANERS OM&M

## SUMMARY OF FIELD ACTIVITIES BY IEG - 6/2010

DATE	ACTIVITY
2-Jun	OM&M Weekly Inspection and sampling. Take delivery of Redux.
3-Jun	OM&M office work. End of month summary. Load empty drums for recycling.
4-Jun	Recycle clean drums at Harbison Bros Inc.
8-Jun	OM&M Weekly Inspection. Moved scaffolding away from Agway Shed.
9-Jun	Get Supplies
14-Jun	OM&M Weekly Inspection
15-Jun	Piezometer Readings
17-Jun	OM&M office work
21-Jun	OM&M Weekly Inspection. Respond to Auto Dialer alarm.
25-Jun	Trouble shoot electrical problems. Change bag filters.
29-Jun	Remove compressor belt guard. Loosen Blower Motor #2. Get Supplies.
30-Jun	Blower #2 - remove motor and take to repair shop.

# Mr. C's CLEANERS OM&M

## STATUS OF OM&M ACTIVITIES BY IEG

as of 06/30/10

ACTIVITY	DESCRIPTION	COMPLETION DATE/STATUS
ESI-3 Repair	MW top cover will not close because piezometer pipe is too high. Piezometer cap is missing. Lower pipe and replace cap. Secure top cover properly.	Apr-10
Clean Air Stripper	Air Stripper pressure readings are high. Scrub trays through access ports with heavy steel brushes. Power wash trays after brushing.	Apr-10
RW-1 Repair	Sample Technician reported to IEG that a bailer was lost in this well. Inspect and do any repair needed. Replace torque arrestor and remove bailer line from pump.	May-10
Champion Compressor Electric motor is noisy	Grease motor to see if it will quiet down. If motor is still noisy - remove and take in for service. Motor responded to grease.	Jun-10
Replace SVE Vacuum Drum	Present Vacuum Drum inside Agway Shed is corroded. Replace drum.	To be ordered
AS / SVE System Evaluation	Agway Shed - test & evaluate air sparge system and Soil Vapor Extraction system. Installed fittings to measure pressure and flow. Tested air sparging and SVE lines.	in progress
Service Compressor	Champion Machinery reveals compressor is a 1992 model. Compressor pump needs service, including a valve kit. The belts should also be adjusted.	in progress
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 Automatic Tank Drain Valve (ATDV)	Factory recommends rebuilding the ATDV on a compressor of this age. Order rebuild kit and repair. Have purchased rebuild kit.	in progress
Rebuild JAC Pump as needed	Jesco America Corp recommends rebuilding the Redux pump when needed. Purchased rebuild kit.	in progress
RW-1 Replace Motor Starter	RW-1 motor starter developed problem and had to be rewired. Should get a spare motor starter in anticipation of further problems.	in progress
Repair PZ-4C	PZ-4C was damaged by a Town of Aurora snowplow. Top of inner ring and top cover were broken. Talked to Town and they placed a temporary cover inside the well to reduce the pedestrian tripping hazard. Ring and top cover should be replaced. If well is not to be used - cover with concrete or asphalt cap.	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
Purge PW-5	Inspect, purge well, clean pump, plastic pipe and transducer. Trouble shoot problems.	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.	in progress
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
Restart System after May storm	Blower #2 causes breaker in Air Stripper Control Panel to trip. Switch system to Blower #1. Troubleshoot and repair Blower #2. Removed and repaired #2 motor.	in progress
Troubleshoot electrical overload	Alarm calls repeatedly indicate an electrical power overload. System usually continues to run normally. Troubleshoot the source of the alarm and repair.	in progress
Champion Compressor replace belts	Belts are loose and the adjustment is at the end of the tightening limit. Replace both belts.	in progress
Champion Compressor repair belt guard	The belt guard is loose and wiggles during operation. Add braces to guard.	in progress
Repair Filter Basket	The handle loop on a filter basket broke. Weld handle back in place.	in progress
Blower #2 - replace starter motor (contactor)	The contactor is defective for this motor. Replace the unit.	in progress
Blower motors	Blowers are throttled down to nearly 80% to maintain a low air flow rate into A.S. E&E & IEG will look into variable speed drives to save on power costs	in progress

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

**Analytical Data Package Work Order ID: J1150**  
**Sampled: June 2, 2010**  
**Analyzed: June 8 and June 9, 2010**



Analytical Data Package for Ecology & Environment Engineering, P.C. (EEEEPC)

Client Project No.: Mr. C's Dry Cleaners Site (Compliance)

Mitkem Work Order ID: J1150

June 16, 2010

Prepared For: Ecology & Environment Engineering P.C.  
368 Pleasantview Drive  
Lancaster, NY 14086  
Attn: Mr. Michael Steffan

Prepared By: Mitkem Laboratories  
175 Metro Center Boulevard  
Warwick, RI 02886  
(401) 732-3400

## SDG Narrative

Mitkem Laboratories submits the enclosed data package in response to Ecology & Environment, Inc's Mr. C's Dry Cleaners (Compliance) project. Under this deliverable, analyses results are presented for two aqueous samples that were received on June 3, 2010. Analyses were performed per specifications in the project's contract and the chain of custody form. Following the narrative is the Mitkem Work Order for cross-referencing client sample ID and laboratory sample ID.

The analyses were performed according to NYSDEC ASP protocols (2000 update) and reported per NYSDEC ASP requirement for Category A deliverable with the exception of hardness and pH. The analysis results for hardness and pH are presented in the standard Mitkem format.

The following observation and/or deviations are observed for the following analyses:

### 1. Overall observation:

The enclosed report includes the originals of all data with the exception of logbook pages and certain initial calibrations. Photocopies of logbook pages are included, with the originals maintained on file at the laboratory. The originals of initial calibrations that are shared among several cases are maintained on file at the laboratory, with photocopies included in the data package.

### 2. Volatile Analysis:

To meet specific project requirements, a 1ppb standard was analyzed in the initial calibration to achieve a lower reporting limit. All the target analytes, with the exception of the ketones have been reported to 1ppb. The ketones have been reported to 5 ppb.

Trap used for instrument V1: OI Analytical #10 trap containing 8 cm each of Tenax, silica gel and carbon molecular sieve.

GC column used: 30 m x 0.25 mm id (1.4 um film thickness) DB-624 capillary column.

Aqueous samples were hydrochloric acid preserved, pH <2.

Surrogate recovery: recoveries were within the QC limits.

Laboratory control sample/laboratory control sample duplicate: spike recoveries and replicate RPDs were within the QC limits.

Sample analysis: due to high concentration of tetrachloroethene, sample INFLUENT was analyzed at 10x dilution. No other unusual observation was made for this analysis.

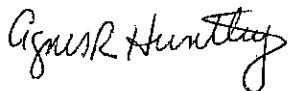
## 2. Wet Chemistry Analyses:

Duplicate: duplicate analysis was performed on sample EFFLUENT for pH with percent RPD within the QC limits.

Sample analysis: no unusual observation was made for the analysis.

All pages in this report have been numbered consecutively, starting with the title page and ending with a page saying only "Last Page of Data Report".

I certify that this data package is in compliance, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.



Agnes Huntley  
CLP Project Manager  
06/16/10

**WorkOrder: J1150**

06/16/2010 11:05

**Mitek Laboratories**

Client ID: ENE  
 Project: Mr. C's Dry Cleaning  
 WO Name: Mr. C's Dry Cleaning  
 Location: MR\_COMPLIANCE, 002700.DC13.02.01.01  
 Case: HC Due: 06/22/10 Report Level: ASP-A  
 SDG: Special Program:  
 PO: 002700.DC13.02.01.01  
 EDD: ENE

Comments: 1 ppb ICAL for VOA. Run Influent sample by 10 X dilution, low result in effluent expected. Send hard copy by overnight saver. Have to be on time.

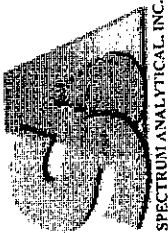
Lab Samp ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Samp / Lab Test Comments	HF	HT	MS	SEL	Storage
J1150-01A	INFLUENT	06/02/2010 15:00	06/03/2010	Aqueous	SW8260_W	/ OLM_VOA, 1 ppb ICAL				Y	VOA
J1150-01B	INFLUENT	06/02/2010 15:00	06/03/2010	Aqueous	SM4500_H+	/					B2
J1150-01C	INFLUENT	06/02/2010 15:00	06/03/2010	Aqueous	SM2340_W	/					M5
J1150-02A	EFFLUENT	06/02/2010 15:00	06/03/2010	Aqueous	SW8260_W	/ OLM_VOA, 1 ppb ICAL				Y	VOA
J1150-02B	EFFLUENT	06/02/2010 15:00	06/03/2010	Aqueous	SM4500_H+	/					B2
J1150-02C	EFFLUENT	06/02/2010 15:00	06/03/2010	Aqueous	SM2340_W	/					M5



HF = Fraction logged in but all tests have been placed on hold

HT = Test logged in but has been placed on hold

## Sample Transmittal Documentation



HANIBAL TECHNOLOGY  
SPECTRUM ANALYTICAL, INC.  
Featuring

# CHAIN OF CUSTODY RECORD

Page 1 of 1

### Special Handling:

- Standard TAT - 7 to 10 business days
- Rush TAT - Date Needed: \_\_\_\_\_
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: E & E, Inc  
368 Pleasantview Dr  
Lancaster, NY 14086

Telephone #: (716) 684-8060  
 Project Mgr. Mike Steffan

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

Project No.: \_\_\_\_\_  
 Site Name: MF CS OMA State: NY  
 Location: East Aurora  
 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= \_\_\_\_\_

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:	Temp °C
SI150-01	INFLUENT	6/2/10	3:00P	G	GW				1	PH	
↓	INFLUENT		3:00P	G	GW				1	VOC	
↓	INFLUENT		3:00P	G	GW	2			1		
SI150-02	EFFLUENT		3:00P	G	GW				1		
↓	EFFLUENT		3:00P	G	GW				1		
	EFFLUENT		3:00P	G	GW	2			1		

QA/QC Reporting Notes: (check as needed)  
 Provide MA DEP MCP CAM Report  
 Provide CT DPH RCP Report  
 QA/QC Reporting Level  
 Standard  No QC  
 Other CAT A  
 State specific reporting standards: \_\_\_\_\_

EDD Format: PDF  
 E-mail to: msteffan@ene.com  
 Ambient  Ice  Refrigerated  Fridge temp \_\_\_\_\_ °C  Freezer temp \_\_\_\_\_ °C

0000

**MITKEM LABORATORIES**  
Sample Condition Form

Received By: <u>VEG</u>		Reviewed By: <u>DANN</u>		Date: <u>03/10</u>	Mitkem Work Order #: <u>J1150</u>			
Client Project: <u>MRC Compliance</u>				Client: <u>ENE</u>			Soil Headspace or Air Bubble ≥ 1/4"	
1) Cooler Sealed	<input checked="" type="radio"/> Yes / <input type="radio"/> No	Lab Sample ID	HNO <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	HCl	NaOH	H <sub>3</sub> PO <sub>4</sub>	VOA Matrix
		<u>J1150</u>	<u>01</u>	<u>&lt;2</u>				<u>H</u>
2) Custody Seal(s)	<input checked="" type="radio"/> Present / Absent <input checked="" type="radio"/> Coolers / Bottles <input checked="" type="radio"/> Intact / Broken	<u>J1150</u>	<u>02</u>	<u>&lt;2</u>				<u>H</u>
3) Custody Seal Number(s) <u>NA</u>								
4) Chain-of-Custody								
5) Cooler Temperature <u>6°C</u>								
IR Temp Gun ID <u>MT-1</u>								
Coolant Condition <u>ICE</u>								
6) Airbill(s)								
Airbill Number(s) <u>UPS</u>								
<u>12FR8725139476830A</u>								
7) Samples Bottles								
<input checked="" type="radio"/> Intact / Broken / Leaking								
8) Date Received <u>02/13/10</u>								
9) Time Received <u>11:50</u>								
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



\* Volatiles \*



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

CLIENT SAMPLE NO.

INFLUENT

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
 Lab Code: MITKEM Case No.: J1150 Mod. Ref No.: \_\_\_\_\_ SDG No.: SJ1150  
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J1150-01A  
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: VIL4385.D  
 Level: (TRACE/LOW/MED) LOW Date Received: 06/03/2010  
 % Moisture: not dec. Date Analyzed: 06/08/2010  
 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		17	
75-34-3	1,1-Dichloroethane		10	U
78-93-3	2-Butanone		50	U
156-59-2	cis-1,2-Dichloroethene		41	
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		72	
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		1400	
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

CLIENT SAMPLE NO.

INFLUENT

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
 Lab Code: MITKEM Case No.: J1150 Mod. Ref No.: \_\_\_\_\_ SDG No.: SJ1150  
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J1150-01A  
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V114385.D  
 Level: (TRACE/LOW/MED) LOW Date Received: 06/03/2010  
 % Moisture: not dec. Date Analyzed: 06/08/2010  
 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)	µG/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

CLIENT SAMPLE NO.

EFFLUENT

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
 Lab Code: MITKEM Case No.: J1150 Mod. Ref No.: \_\_\_\_\_ SDG No.: SJ1150  
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J1150-02A  
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L4384.D  
 Level: (TRACE/LOW/MED) LOW Date Received: 06/03/2010  
 % Moisture: not dec. Date Analyzed: 06/08/2010  
 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		0.73	J
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

SW846

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

CLIENT SAMPLE NO.

EFFLUENT

Lab Name: MITKEM LABORATORIES Contract: \_\_\_\_\_  
 Lab Code: MITKEM Case No.: J1150 Mod. Ref No.: \_\_\_\_\_ SDG No.: SJ1150  
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J1150-02A  
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L4384.D  
 Level: (TRACE/LOW/MED) LOW Date Received: 06/03/2010  
 % Moisture: not dec. Date Analyzed: 06/08/2010  
 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



\* Wet Chemistry \*

**Mitkem Laboratories**

Date: 16-Jun-10

Client: Ecology and Environment Engineering P.C.  
Client Sample ID: INFLUENT  
Lab ID: J1150-01

Project: Mr. C's Dry Cleaning  
Collection Date: 06/02/10 15:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
<b>SM 2340 -- HARDNESS by Calculation</b>							<b>SM2340_W</b>
Hardness, Ca/Mg (As CaCO3)	530		4.0	mg/L CaCO3		1 06/09/2010 12:46	52157
<b>SM 4500 H+ B -- pH VALUE</b>							<b>SM4500_H+</b>
pH	6.6		1.0	S.U.		1 06/09/2010 14:40	R49733

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

# Mitkem Laboratories

Date: 16-Jun-10

Client: Ecology and Environment Engineering P.C.  
Client Sample ID: EFFLUENT  
Lab ID: J1150-02

Project: Mr. C's Dry Cleaning  
Collection Date: 06/02/10 15:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
<b>SM 2340 -- HARDNESS by Calculation</b>							<b>SM2340_W</b>
Hardness, Ca/Mg (As CaCO3)	540		4.0	mg/L CaCO3		106/09/2010 12:49	52157
<b>SM 4500 H+ B -- pH VALUE</b>							<b>SM4500_H+</b>
pH	7.8		1.0	S.U.		106/09/2010 14:50	R49733

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

0627

**Attachment C**  
**Summary of Site Utility Costs and Projections**  
**January to December 2010**



