ecology and environment engineering, p.c.

BUFFALO CORPORATE CENTER
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October 8, 2009

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
September 2009 Operations, Maintenance, and Monitoring Report

Dear Mr. Welling:

Ecology and Environment Engineering, P.C. (EEEPC) is pleased to provide the September, 2009 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. (MTK) on September 23, 2009 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 September 2009, EEEPC offers the following comments and highlights:

Operational Summary

Mr. C's Site – Remedial Operations Information

- The treatment system was operational for 100.0% of the period between 9/2/09 and 10/5/09. Table 1 is provided to indicate the monthly operational time of the treatment equipment from the time of system startup.
- The effluent totalizer readings for the month of September 2009 indicate that approximately 664,557 gallons of groundwater were processed through the remedial treatment system for the period between 9/2/09 and 10/5/09. Table 2 provides a summary of groundwater volume treated since system start-up. Historical volumes are based on the totalizer readings provided by the subcontractor's weekly inspection forms.

- Checklists for weekly system inspections from IEG are provided as Attachment A for, 9/2, 9/8, 9/14, 9/21, 9/29 and 10/5/09. Weekly system checks indicated that the air stripper differential pressure remained between 0.035 to 0.052 inches of water while air stripper pressure varied between 14.0 and 32.0 inches of water column during the month of September 2009. These levels are within the operating range recommended by the equipment manufacturer.
- Filter gauge pressure readings observed during weekly inspections ranged between 5.0 and 50.0 psi, which goes above the maximum allowable 15 psi operational limit indicated in the system operation and maintenance manual.
- The Redux sequestering agent approved by SPDES Equivalency permit for use at the Mr. C's site continues to be added to the process stream in order to minimize mineral deposition on the air stripper orifice plates. During September 2009, the feed rate for the agent ranged between 4.0 and 5.0 ml/min.
- The analytical samples for the monthly compliance were taken on September 2, 2009. The sampling results were received by EEEPC on September 23, 2009 (Attachment B). A review of the analytical data revealed the influent concentration detection limits to be 1713.0 ug/L or 1713.0 ppb, and 0.0 ug/L or 0.0 ppb of treated effluent. The air stripper unit on Mr. C's property is in compliance and MTK continues to provide analytical data to sub-ppb accuracy, supporting the accurate determination of effluent contaminant levels. Based on analytical results for the September 2, 2009 sampling event, the Mr. C's treatment system continues to effectively remove targeted contaminants from the groundwater below the site.
- The water levels during pumping cycles indicate varying recharge rates for the pumping wells. PW-7 recharges the quickest in 95 seconds, while PW-3 recharges the slowest, in 460 seconds, or 7.6 minutes. A review of the pumping well water levels during pumping cycles by IEG is provided in Attachment D.

Agway Site Remedial Information

- Road reconstruction continues in the frontage along Main Street in front of the Agway property. Equipment and construction materials have reappeared on the site along with increased traffic across the site. As per the Village Assessor the Agway property is owned by a new owner (Del-Tora – contact Robert Kowal - 716-796-4020) that resides in the village of East Aurora. No parking signs (3) were posted on the shed and effective in preventing parking near the shed.
- The manhole near group PW-3 was lowered to the level of the parking lot that had been compacted due to reconstruction equipment on September 21, 2009. The cover was readjusted on October 5, 2009.
- IEG plans investigation of the SVE return lines for the Agway system once the road reconstruction has been completed along the front of the property in September or October 2009. A report will be prepared of the damage found to the monitoring and operational AS/SVE system at the Agway site for cost recovery or repair by NYSDOT.

Subslab Depressurization Systems (SSDS) – First Presbyterian Church and 27 Whaley

- The SSDS systems at the First Presbyterian Church and 27 Whaley Avenue continue to operate normally. The indoor ambient air report for the First Presbyterian Church was issued in January 2009. The final indoor air report for 27 Whaley Avenue was issued on April 10, 2009. In final review of the analytical

results, the system is operating properly with PCE and TCE results below DOH guidelines.

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 September 2009 and year to date are provided as Attachment C.

Analytical Summary – Groundwater

IEG personnel collected samples of influent and effluent groundwater from the Mr. C's Treatment System on September 2, 2009. Overall cleanup efficiency based on the recent analytical report (September 23, 2009 - Attachment B) for the reporting period 9/2/09 to 10/5/09 was 100.0% based on analytical testing performed by Mitkem Laboratories. Excerpts from the Analytical Data package for the September 2, 2009 sampling event are presented in Table 3.

The summary of Effluent Discharge Criteria & Analytical Compliance Results is presented in Table 4.

- Approximately 9.50 pounds of chlorinated volatile organic compounds (cVOCs) were removed from the influent groundwater based on calculations using the effluent discharge analytical results during the reporting period. A summary of the total calculated pounds of cVOC's removed by the system by month and by date is presented in Table 5. These values are based on effluent totalizer readings and assume that non-detect values given in the analytical data package = 0 μg/L; and that the monthly samples are indicative of the influent characteristics and system performance for the entire reporting period.

Per our recent discussions the format of the OM&M reports will change beginning with the October 2009 report. The monthly document will be shortened to include only essential operating issues, operating tables for only 2009, important analytical information, and operating utility costs.

If you have questions regarding the September 2009 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 [1]
September 2002[2]	576	100%
October 2002	744	99.33%
November 2002	720	93.41%
December 2002	744	80.65%
January 2003	744	59.15%
February 2003	672	63.39%
March 2003	744	82.39%
April 2003	720	100%
May 2003	744	100%
June 2003	720	90.00%
July 2003	744	100%
August 2003	744	100%
September 1-4, 2003	96	100%
October 22 -29, 2003 [3]	168	100%
October 29 - November 25, 2003	648	99%
November 25 - December 29, 2003	816	100%
December 29, 2003 – January 26, 2004	672	100%
January 26 – February 24, 2004	696	100%
February 24 – March 29, 2004	816	99.97%
March 29 – April 26, 2004	672	99.70%
April 26 – May 24, 2004	696	73.70%
May 24 – June 21, 2004	696	99.43%
June 22 – July 26, 2004	840	100%
July 27 – August 23, 2004	672	100%
August 23 - September 27, 2004	840	97.62%
September 27 - October 25, 2004	672	90.33%
October 25 - November 23, 2004	696	92.17%
November 23 - December 27, 2004	816	97.06%
December 27, 2004 - January 31, 2005	840	100%
January 31, 2005 - February 28, 2005	660	98.20%
February 28, 2005 - April 4, 2005	828	98.60%
April 4, 2005 - May 2, 2005	696	87.50%
May 2, 2005 - June 6, 2005	840	91.43%
June 6, 2005 - July 6, 2005	744	86.60%
July 6, 2005 - August 1, 2005	605.5	97.00%
August 1, 2005 - August 29, 2005	696	100.00%
Totals Page 1	**25,037.50**	**92.10%**

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

Month	Reporting Hours	Operational Up-time
Totals forward from Page 1 (8/29/05)	**25,037.50**	**92.10%**
October 3, 2005 - October 31, 2005	672	100.00%
October 31, 2005 - November 28, 2005	672	98.06%
November 28, 2005 - January 3, 2006	854	98.84%
January 3, 2006 - February 6, 2006	816	100.00%
February 6, 2006 - March 6, 2006	696	100.00%
March 6, 2006 - April 3, 2006	696	100.00%
April 3, 2006 - May 1, 2006	689	98.99%
May 1, 2006 - May 30, 2006	689	98.99%
May 31, 2006 - July 3, 2006	812	99.50%
July 3, 2006 - July 30, 2006	624	99.50%
July 30, 2006 - August 28, 2006	696	100.00%
August 28, 2006 - October 2, 2006	834	99.30%
October 2, 2006 - October 30, 2006	628	96.91%
October 30, 2006 - November 27, 2006	672	100.00%
November 27, 2006 - December 27, 2006	672	100.00%
December 27, 2006 - February 6, 2007	983	99.00%
February 6, 2007 - February 26, 2007	480	100.00%
February 26, 2007 - March 26, 2007	672	100.00%
March 26, 2007 - May 1, 2007	888	100.00%
May 1, 2007 - May 29, 2007	696	100.00%
May 29, 2007 - June 25, 2007	643	99.25%
June 25, 2007 - July 24, 2007	696	100.00%
July 25, 2007 - August 28, 2007	792	100.00%
August 28, 2007 - October 1, 2007	816	100.00%
October 1, 2007 - October 30, 2007	696	100.00%
October 30, 2007 - November 28, 2007	741	99.59%
November 28, 2007 - January 2, 2008	720	85.71%
January 2, 2008 - January 28, 2008	600	96.00%
January 28, 2008 - February 25, 2008	644	95.83%
February 25, 2008 - March 31, 2008	832	95.83%
March 31, 2008 - April 28, 2008	672	100.00%
April 28, 2008 - May 27, 2008	695	99.80%
May 27, 2008 - June 30, 2008	816	100.00%
June 30, 2008 - July 29, 2008	696	100.00%
July 29, 2008 - August 25, 2008	647	99.80%
Totals Page 2	**50,184.50**	**95.35%**

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

Month	Reporting Hours	Operational Up-time
Totals forward from Page 2 (8/25/08)	**50,184.50**	**95.35%**
August 25, 2008 - September 30, 2008	840	100.00%
September 30, 2008 - October 30, 2008	720	100.00%
October 30, 2008 - December 3, 2008	816	100.00%
December 3, 2008 - January 6, 2009	816	100.00%
January 6, 2009 - February 2, 2009	672	100.00%
February 2, 2009 - March 5, 2009	600	100.00%
March 5, 2009 - April 2, 2009	672	100.00%
April 2, 2009 - May 4, 2009	768	100.00%
May 4, 2009 - June 2, 2009	696	100.00%
June 2, 2009 - July 7, 2009	840	100.00%
July 7, 2009- August 5, 2009	696	100.00%
August 5, 2009 - September 2, 2009	672	100.00%
September 2, 2009 - October 5, 2009	792	100.00%
Total Hours	**59,784.50**	
Average Operational Up-time =		**96.07%**

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

NOTES:
1. System operated by Tyree Organization Ltd. From 9/02 - 9/03
2. System operated by O&M Enterprises from 9/03 - 7/07
3. System operated by IEG 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
Total from Page 1	9/5/02 - 8/29/05	62,398,028
September 2005[2]	8/29/05 - 10/3/05	1,591,248
October 2005[2]	10/3/05 - 10/31/05	1,204,074
November 2005[2]	10/31/05 - 11/28/05	1,038,170
December 2005[2]	11/28/05 - 1/3/06	1,182,854
January 2006[2]	1/3/06 - 2/6/06	1,401,821
February 2006[2]	2/6/06 - 3/6/06	1,927,556
March 2006[2]	3/6/06 - 4/3/06	1,838,541
April 2006[2]	4/3/06 - 5/1/06	1,116,192
May 2006[2]	5/1/06 - 5/30/06	1,053,047
June 2006[2]	5/30/06 - 7/3/06	1,092,786
July 2006[2]	7/3/06 - 7/30/06	813,264
August 2006[2]	7/30/06 - 8/28/06	860,366
September 2006[2]	8/28/06 - 10/2/06	1,107,730
October 2006[2]	10/2/06 - 10/30/06	818,535
November 2006[2]	10/30/06 - 11/27/06	903,959
December 2006[2]	11/27/06 - 12/27/06	967,671
January 2007[2]	12/27/06 - 2/6/07	1,229,105
Febuary 2007[2]	2/6/07 - 2/26/07	913,610
March 2007[2]	2/26/07 - 3/26/07	882,228
April 2007[2]	3/26/07 - 5/1/07	1,127,096
May 2007[2]	5/1/07 - 5/29/07	853,697
June 2007[2]	5/29/07 - 6/25/07	755,060
July 2007[3]	6/25/07 - 7/24/07	785,379
August 2007[3]	7/25/07 - 8/28/07	899,340
September 2007[3]	8/2/07 - 10/1/07	804,420
October 2007[3]	10/1/07 - 10/30/07	647,173
November 2007[3]	10/30/07 - 11/28/07	672,600
December 2007[3]	11/28/07 - 1/2/08	436,175
January 2008[3]	1/2/08 - 1/28/08	180,820
February 2008[3]	1/28/08 - 2/25/08	470,370
March 2008[3]	2/25/08 - 3/31/08	767,163
April 2008[3]	3/31/08 - 4/28/08	607,682
May 2008[3]	4/28/08 - 5/27/08	569,568
June 2008[3]	5/27/08 - 6/30/08	653,647
July 2008[3]	6/30/08 - 7/29/08	619,654
August 2008[3]	7/29/08 - 8/25/08	606,098
Total Page 2	9/5/02 - 8/25/08	95,796,727

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

Month	Actual Period	Gallons
Total from Page 2	**9/5/02 - 8/25/08**	**95,796,727**
September 2008[3]	8/25/08 - 9/30/08	985,101
October 2008[3]	9/30/08 - 10/30/08	621,149
November 2008[3]	10/30/08 - 12/3/08	540,781
December 2008[3]	12/3/08 - 1/6/09	959,392
January 2009[3]	1/6/09 - 2/2/09	1,179,389
February 2009[3]	2/2/09 - 3/5/09	1,076,674
March 2009[3]	3/5/09 - 4/2/09	1,240,757
April 2009[3]	4/2/09 - 5/4/09	1,182,657
May 2009[3]	5/4/09 - 6/2/09	891,641
June 2009[3]	6/2/09 -7/7/09	599,957
July 2009[3]	7/7/09 - 8/5/09	503,759
August 2009[3]	8/5/09 - 9/2/09	594,592
September 2009[3]	9/2/09 - 10/5/09	664,557
Total Gallons Treated To Date:		**106,837,133**

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
NYSDEC Site #9-15-157
September 2009 VOC Analytical Summary

Compound	Based on the 9/2/09 Effluent Sampling Results				
	Influent Concentration* (ug/L)		Effluent Concentration* (ug/L)		Cleanup Efficiency (%)
Acetone	ND (<50.0)	U	ND (<5.0)	U	NA
Benzene	ND (<10.0)	U	ND (<1.0)	U	NA
2-Butanone	ND (<50.0)	U	ND(<5.0)	U	NA
cis-1, 2-Dichloroethene	28.0		ND (<1.0)	U	100%
Methylene chloride	7.4	J	ND (<1.0)	U	100%
Methyl tert-butyl ether (MTBE)	7.8	J	ND (<1.0)	U	100%
Tetrachloroethene	1600.0		ND (<1.0)	U	100%
Toluene	ND (<10.0)	U	ND (<1.0)	U	NA
Trichloroethene	70.0		ND (<1.0)	U	100%
Carbon Disulfide	ND (<10.0)	U	ND (<1.0)	U	NA
1,1,2 Trichloro-1,2,2-trifluororethane	ND (<10.0)	U	ND (<1.0)	U	NA
Cyclohexane	ND (<10.0)	U	ND (<1.0)	U	NA
trans-1,2-dichloroethene	ND (<10.0)	U	ND (<1.0)	U	NA
Methylcyclohexane	ND (<10.0)	U	ND (<1.0)	U	NA
Total Xylenes	ND (<10.0)	U	ND (<1.0)	U	NA
September 2, 2009 TOTALs (in ug/L) =	**1713.2**		**0.00**		**100.00%**

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-detect values are assumed to be equal to zero for calculation of monthly average concentrations.
5. "D" = Compounds identified in analysis required secondary dilution factoring.
6. "B" indicates analyte found in the associated blank.

* (<50) - Detection Limit

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

Parameter/Analyte	Daily Maximum	Units	September 2, 2009 Effluent Analytical Values - Compliance
Flow		gpd	20,138.09
pH	6.0 - 9.0	standard units	8.10
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	ND (<1.0)
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[3]	5	µg/L	NA
m, p-Xylene[3]	10	µg/L	NA
Total Xylenes	NA	ug/L	ND (<1.0)
Iron, total	600	µg/L	NA[9]
Aluminum	4,000	µg/L	NA[9]
Copper	48	µg/L	NA[9]
Lead	11	µg/L	NA[9]
Manganese	2,000	µg/L	NA[9]
Silver	100	µg/L	NA[9]
Vanadium	28	µg/L	NA[9]
Zinc	230	µg/L	NA[9]
Total Dissolved Solids	850	mg/L	NA[9]
Total Suspended Solids	20	mg/L	NA[9]
Hardness	N/A	mg/l	500
Cyanide, Free	10	µg/L	NA[9]

NOTES:

1. "Daily Maximum" excerpted from Attachment E of Addendum 1 to the Construction Contract Documents dated October 2000.
2. Analytical report did not differentiate between o-Xylene and m, p-Xylene. Total Xylene value reported is given in each line.
3. Shaded cells indicate that analytical value exceeds the "Daily Maximum"
4. "ND" indicates that the compound was not detected and lists the practical quantitation limit in parentheses.
5. "NA" indicates that analyses were not performed and data is unavailable.
6. Average flows based on effluent readings taken September 2, 2009 through October 5, 2009. Total gallons: 664,557 divided by 33 operating days (792 actual operating hours).
7. "J" indicates an estimated value below the detection limit.
8. "B" indicates analyte found in the associated blank.
9. Removed from the required analysis list by NYSDEC Region 9 in February 2005.

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

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

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

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

Month	Actual Period	Influent VOCs (µg/L)	Effluent VOCs (µg/L)	VOCs Removed (lbs.)
Total pounds of VOCs removed from inception to August 2005 =				928.04
September 2005[9]	8/29/05 - 10/3/05	1239	0.47	16.50
October 2005[9]	10/3/05 - 10/31/05	1454	0.81	14.60
November 2005[9]	10/31/05 - 11/28/05	2266	6.80	0.00
December 2005	11/28/05 - 1/3/06	1166	1.30	11.50
January 2006	1/3/06 - 2/6/06	1679	11.87	13.62
February 2006	2/6/06 - 3/6/06	1465	90.20	16.56
March 2006	3/6/06 - 4/4/06	1475	2.00	22.43
April 2006	4/4/06 - 5/1/06	1465	8.80	13.56
May 2006	5/1/06 - 5/30/06	1263	0.00	11.07
June 2006	5/30/06 - 7/3/06	1994	1.40	18.17
July 2006	7/3/06 - 7/30/06	2010	1.40	13.64
August 2006	7/30/06 - 8/28/06	1296	8.60	9.24
September 2006	8/28/06 - 10/2/06	1384	2.90	12.77
October 2006	10/2/06 - 10/30/06	1262	3.90	8.56
November 2006	10/30/06 - 11/27/06	1152	10.30	8.61
December 2006	11/27/06 - 12/27/06	1210	16.20	9.63
January 2007	12/27/06 - 2/6/07	1406	1.30	14.40
February 2007	2/6/07 - 2/26/07	1017	4.70	7.72
March 2007	2/26/07 - 3/26/07	1693	0.80	12.47
April 2007	3/26/07 - 5/1/07	1665	3.10	15.63
May 2007	5/1/07 - 5/29/07	1666	0.76	11.86
June 2007	5/29/07 - 6/25/07	1478	15.50	9.21
July 2007	6/25/07 - 7/24/07	1268	8.90	8.25
August 2007	7/25/07 - 8/28/07	1429	0.00	10.72
September 2007	8/28/07-10/1/07	1719	2.00	11.54
October 2007	10/1/07-10/30/07	1875	2.00	10.68
November 2007	10/30/07-11/28/07	1296	13.50	6.47
December 2007	11/28/07-1/2/08	1175	0.00	4.27
January 2008	1/2/08-1/28/08	3460	0.00	5.22
February 2008	1/28/08-2/25/08	2947	0.00	11.57
March 2008	2/25/08-3/31/08	1174	0.00	7.52
April 2008	3/31/08-4/28/08	1341	0.00	6.80
May 2008	4/28/08-5/27/08	1471	0.00	6.99
June 2008	5/27/08-6/30/08	1274	0.00	6.95
July 2008	6/30/08-7/29/08	1370	3.10	7.07
August 2008	7/29/08-8/25/08	741	2.80	3.79
September 2008	8/25/08-9/30/08	914	4.70	7.47
October 2008	9/30/08-10/30/08	1377	0.00	7.14
November 2008	10/30/08-12/3/08	2345	3.80	10.56
December 2008	12/3/08-1/6/09	957	4.10	7.63
January 2009	1/6/09-2/2/09	950	11.40	9.24
February 2009	2/2/09-3/5/09	1594	0.80	14.32
March 2009	3/5/09-4/2/09	1046	0.00	10.82
April 2009	4/2/10-5/4/09	ND (<10.0)	ND (<1.0)	8.59
May 2009	5/4/09 - 6/2/09	957	0.00	7.12
June 2009	6/2/09 - 7/7/09	732	53.00	3.40
July 2009	7/7/09 - 8/5/09	752	0.00	3.16
Total pounds of VOCs removed from inception to July 2009 =				1,397.08

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

Month	Actual Period	Influent VOCs (µg/L)	Effluent VOCs (µg/L)	VOCs Removed (lbs.)
Total pounds of VOCs removed from inception to July 2009 =				1397.08
August 2009	8/5/09 - 9/2/08	1294	0.92	6.41
September 2009	9/2/09 - 10/5/09	1713	0.00	9.50
Total pounds of VOCs removed since inception =				1412.99

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 September 2, 2009:
Pounds of VOCs removed calculated by the following formula:
(1713.2 ug/L - 0.00 ug/L)(1g/10^6 ug)*(1 lb/453.5924 g)* 664,557 gallons*(3.785 L/gallon) ~ 9.5 lbs*
where 664,557 gallons is the monthly process water volume.

Attachment A
IEG Weekly Inspection Reports
September 2009

Including:

9/2/09

9/8/09

9/14/09

9/21/09

9/29/09

10/5/09

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

DATE: 2-Sep-09 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen OTHER PERSONNEL: ---

WEATHER CONDITIONS: Sunny, warm OUTSIDE TEMPERATURE (°F): 70

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

PW-2, PW-6 and PW-8 are OFF due to maintenance problems.

PW-6 and PW-8 read IN despite being turned OFF at Control Panel.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: √	OFF:	11	ft	PW-5	ON:	OFF: √	6	ft
PW-2	ON:	OFF: √	65528	ft	PW-6	ON: √	OFF:	71	ft
PW-3	ON:	OFF: √	6	ft	PW-7	ON:	OFF: √	6	ft
PW-4	ON:	OFF: √	7	ft	PW-8	ON: √	OFF:	18	ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 8/9/09 Air Stripper High Level

NOTES:

INFLUENT FLOW RATE: 40 gpm INFLUENT TOTALIZER READING: 9,692,308.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 13 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 22 gallons

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

		Top	Bottom			Top	Bottom	
BAG FILTER PRESSURES:	LEFT:	0	0	psi	RIGHT:	6	0	psi

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

AIR STRIPPER BLOWER IN USE: #1 ____ #2 √ AIR STRIPPER PRESSURE: 24.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.045 in. H_2O DISCHARGE PRESSURE: 1.2 in. H_2O

EFFLUENT PUMP IN USE: #1 √ #2 ____ EFFLUENT FEED PUMP PRESSURE: 8.0 psi

EFFLUENT FLOW RATE: 87 gpm EFFLUENT TOTALIZER READING: 53,940,944 | 141590 gallons

ARE BUILDING HEATERS IN USE? YES: ____ NO: √ INSIDE TEMPERATURE (°F): 70

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

WATER LEVEL IN SUMP: 5.5 in. TREATMENT BUILDING CLEAN & ORGANIZED? YES: √ NO: ____

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

2-Sep-09

SAMPLES COLLECTED? YES: √ NO: _____

	Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Cond.
AIR STRIPPER INFLUENT:	INF	12:00 PM	7.26	7.02	17.6	2338
AIR STRIPPER EFFLUENT:	EFF	12:00 PM	8.42	7.09	18.6	2600

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 from snowplow.

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

Remarks:

Other Actions:

AGWAY

SYSTEM VACUUM: -21 in. H_2O *AIR PRESSURE:* 60 psi

SP-1:	9.0	scfm	2.0	psi	SP-5	0.0	scfm	29.0 psi
SP-2:	0.0	scfm	4.0	psi	SP-6	1.7	scfm	> 30 psi
SP-3:	0.0	scfm	4.0	psi	SP-7	0.0	scfm	> 30 psi
SP-4:	0.0	scfm	4.5	psi	SP-8	0.0	scfm	> 30 psi

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

Remarks: Construction vehicles and equipment parked throughout the site.

Other Actions: SVE drum is dry.

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

DATE: Sep 8,2009 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen OTHER PERSONNEL: ----

WEATHER CONDITIONS: Partly cloudy, warm OUTSIDE TEMPERATURE (° F): 70

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

PW-2, PW-6 and PW-8 are OFF due to maintenance problems.

Turned PW-5 OFF because pump would not stop when minimum water level was reached.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: ____	OFF: √	5 ft	PW-5	ON: √	OFF: ____	3 ft
PW-2	ON: √	OFF: ____	19 ft	PW-6	ON: √	OFF: ____	84 ft
PW-3	ON: ____	OFF: √	6 ft	PW-7	ON: ____	OFF: √	4 ft
PW-4	ON: ____	OFF: √	3 ft	PW-8	ON: √	OFF: ____	18 ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 8/9/09 Air Stripper High Level

NOTES: Turned PW-5 back ON after successful maintenance procedures.

INFLUENT FLOW RATE: 12 gpm INFLUENT TOTALIZER READING: 9,914,839.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 7 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 12 gallons

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

		Top	Bottom		Top	Bottom
BAG FILTER PRESSURES:	LEFT:	0	0	RIGHT:	10-6	0 psi

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

AIR STRIPPER BLOWER IN USE: #1 ____ #2 √ AIR STRIPPER PRESSURE: 27.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.045 in. H_2O DISCHARGE PRESSURE: 1.2 in. H_2O

EFFLUENT PUMP IN USE: #1 √ #2 ____ EFFLUENT FEED PUMP PRESSURE: 6.0 psi

EFFLUENT FLOW RATE: 87 gpm EFFLUENT TOTALIZER READING: 54,075,693 | 278530 gallons

ARE BUILDING HEATERS IN USE? YES: ____ NO: √ INSIDE TEMPERATURE (° F): 76

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

WATER LEVEL IN SUMP: 5.0 in. TREATMENT BUILDING CLEAN & ORGANIZED? YES: √ NO: ____

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

Sep 8,2009

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 from snowplow.

Sept Library Parking Lot around groups PW-6 and PW-7.

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

Remarks: Emtied old Redux drum into present drum and rinsed out old drum. Have (2) full drums.

PW-4 - runs continuously. Pulled, cleaned and raised transducer. Tested no good. Turned pump OFF.

Other Actions: Trimmed weeds down around Treatment Room.

Changed bag filters. One filter basket is broken. Installed a reinforced basket.

PW-5 will not shut OFF. Pulled, cleaned and raised transducer 1 foot. Tested - OK.

AGWAY

SYSTEM VACUUM: -21 in. H_2O *AIR PRESSURE:* 110 psi

SP-1:	8.7	scfm	2.0 psi	SP-5	0.0	scfm	28.5 psi
SP-2:	1.4	scfm	4.0 psi	SP-6	1.4	scfm	> 30 psi
SP-3:	0.0	scfm	4.0 psi	SP-7	0.0	scfm	> 30 psi
SP-4:	0.0	scfm	4.5 psi	SP-8	0.0	scfm	> 30 psi

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

Remarks: Construction vehicles and equipment parked throughout the site.

Other Actions: Trimmed weeds down around shed and groups PW-2 and PW-3.

MR. C's DRY CLEANERS SITE
NYSDEC Site #9-15-157

OM&M: PIEZOMETER WATER LEVEL LOG

Date: 10-Sep-09 **Measurements taken by:** R. Allen

RW-1	16.10 ft	Comments:	
PZ-1A	11.32 ft	Comments:	
PZ-1B	11.30 ft	Comments:	
PZ-1C	12.43 ft	Comments:	
PZ-1D	12.56 ft	Comments:	
PW-2	11.20 ft	Comments:	
PZ-2A	11.12 ft	Comments:	
PZ-2B	11.48 ft	Comments:	Cap pushed down
PZ-2C	10.97 ft	Comments:	
MW-7	11.48 ft	Comments:	Substitute for 2D
PW-3	18.20 ft	Comments:	
PZ-3A	11.62 ft	Comments:	
PZ-3B	11.69 ft	Comments:	
PZ-3C	12.13 ft	Comments:	
PZ-3D	11.67 ft	Comments:	
PW-4	27.90 ft	Comments:	Transducer Bad
PZ-4A	11.42 ft	Comments:	
PZ-4B	11.02 ft	Comments:	
PZ-4C	----- ft	Comments:	Damaged
PZ-4D	10.65 ft	Comments:	

PW-5	17.40 ft	Comments:	
PZ-5A	10.84 ft	Comments:	
PZ-5B	10.97 ft	Comments:	
PZ-5C	10.59 ft	Comments:	
PZ-5D	11.38 ft	Comments:	
PW-6	10.80 ft	Comments:	
PZ-6A	----- ft	Comments:	Ant infestation
PZ-6B	11.67 ft	Comments:	
PZ-6C	11.76 ft	Comments:	
PZ-6D	11.61 ft	Comments:	Shown as RW-2 on map
PW-7	22.40 ft	Comments:	
MPI-6S	11.39 ft	Comments:	
PZ-7B	11.85 ft	Comments:	
OW-B	11.54 ft	Comments:	
PZ-7D	11.36 ft	Comments:	
PW-8	7.50 ft	Comments:	
PZ-8A	8.29 ft	Comments:	
PZ-8B	8.24 ft	Comments:	
PZ-8C	7.77 ft	Comments:	
PZ-8D	8.20 ft	Comments:	

PUMPS IN OPERATION DURING MEASUREMENTS

RW-1 pump on?		Yes	√	No	PW-5 pump on?		Yes	√	No
PW-2 pump on?		Yes	√	No	PW-6 pump on?		Yes	√	No
PW-3 pump on?		Yes	√	No	PW-7 pump on?	√	Yes		No
PW-4 pump on?	√	Yes		No	PW-8 pump on?		Yes	√	No

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

DATE: 14-Sep-09 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen, D. Iyer OTHER PERSONNEL: ---

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

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

PW-2, PW-4, PW-6 and PW-8 are OFF due to maintenance problems.

PW-2, PW-4, PW-6 and PW-8 read ON at PanelView despite being turned OFF at Control Panel.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: ____	OFF: √	7 ft	PW-5	ON: ____	OFF: √	6 ft
PW-2	ON: √	OFF: ____	19 ft	PW-6	ON: √	OFF: ____	81 ft
PW-3	ON: ____	OFF: √	4 ft	PW-7	ON: ____	OFF: √	6 ft
PW-4	ON: √	OFF: ____	15 ft	PW-8	ON: √	OFF: ____	18 ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 9/8/09 Air Stripper High Level

NOTES:

INFLUENT FLOW RATE: 5 gpm INFLUENT TOTALIZER READING: 94,553.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 4 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 7 gallons

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

		Top	Bottom			Top	Bottom	
BAG FILTER PRESSURES:	LEFT:	0	0	psi	RIGHT:	6	0	psi

INFLUENT FEED PUMP IN USE: #1 ____ #2 √ INFLUENT PUMP PRESSURE: 16 psi

AIR STRIPPER BLOWER IN USE: #1 ____ #2 √ AIR STRIPPER PRESSURE: 27.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.04 in. H_2O DISCHARGE PRESSURE: 1.0 in. H_2O

EFFLUENT PUMP IN USE: #1 √ #2 ____ EFFLUENT FEED PUMP PRESSURE: 6.0 psi

EFFLUENT FLOW RATE: 88 gpm EFFLUENT TOTALIZER READING: 54,184,484 | 389280 gallons

ARE BUILDING HEATERS IN USE? YES: ____ NO: √ INSIDE TEMPERATURE (° F): 76

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

WATER LEVEL IN SUMP: 5.5 in. TREATMENT BUILDING CLEAN & ORGANIZED? YES: √ NO: ____

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

14-Sep-09

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 by snowplow.

Manhole cover near group PW-3 appears to have been loosened by hit from heavy equipment.

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

Remarks:

Other Actions: Primed Treatment Room vent cover and equipment box.

Replaced transducer in PW-6. Test - OK. Turned ON.

AGWAY

SYSTEM VACUUM: -20 in. H_2O *AIR PRESSURE:* 10 psi

SP-1:	8.6	scfm	2.0	psi	SP-5	0.0	scfm	26.0 psi
SP-2:	1.6	scfm	4.0	psi	SP-6	1.3	scfm	30.0 psi
SP-3:	0.0	scfm	4.0	psi	SP-7	0.0	scfm	> 30 psi
SP-4:	0.0	scfm	4.5	psi	SP-8	0.0	scfm	> 30 psi

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

Remarks: Construction vehicles and equipment parked throughout the site.

Installed (3) "No Parking" signs on shed.

Other Actions: SVE vacuum drum is dry.

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

DATE: 21-Sep-09 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen, D. Iyer OTHER PERSONNEL: ------

WEATHER CONDITIONS: Partly cloudy, warm OUTSIDE TEMPERATURE (° F): 72

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

PW-2, PW-4 and PW-8 are OFF due to maintenance problems.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: √	OFF: ____	____ ft	PW-5	ON: ____	OFF: √	____ ft
PW-2	ON: ____	OFF: √	____ ft	PW-6	ON: ____	OFF: √	____ ft
PW-3	ON: √	OFF: ____	____ ft	PW-7	ON: √	OFF: ____	____ ft
PW-4	ON: √	OFF: ____	____ ft	PW-8	ON: √	OFF: ____	____ ft

EQUALIZATION TANK: ____ ft Last Alarm D/T/Condition: 9/8/09 Air Stripper High Level

NOTES: PW-2, PW-4 and PW-8 read ON at the PanelView despite being turned OFF.

INFLUENT FLOW RATE: 51 gpm INFLUENT TOTALIZER READING: 305,489.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 29 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 49 gallons

SEQUESTERING AGENT FEED RATE: 4.0 ml/min METERING PUMP PRESSURE: 2.0 psi

		Top	Bottom		Top	Bottom
BAG FILTER PRESSURES:	LEFT:	0	0 psi	RIGHT:	5	0 psi

INFLUENT FEED PUMP IN USE: #1 ____ #2 √ INFLUENT PUMP PRESSURE: 17 psi

AIR STRIPPER BLOWER IN USE: #1 ____ #2 √ AIR STRIPPER PRESSURE: 30.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.04 in. H_2O DISCHARGE PRESSURE: 1.0 in. H_2O

EFFLUENT PUMP IN USE: #1 √ #2 ____ EFFLUENT FEED PUMP PRESSURE: 6.0 psi

EFFLUENT FLOW RATE: 88 gpm EFFLUENT TOTALIZER READING: 54,312,978 | 519380 gallons

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

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

WATER LEVEL IN SUMP: 2.5 in. TREATMENT BUILDING CLEAN & ORGANIZED? YES: √ NO: ____

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

21-Sep-09

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 from snowplow.

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

Remarks: Increased Redux pump to : Left 2.25; Right 1.25.

Other Actions: PW-2; replaced transducer. Tested OK.

PW-4; inspected and cleaned pump and flexible pipe. Replaced aneroid bellows. Tested OK.

PW-8; replaced pump. Tested OK.

AGWAY

SYSTEM VACUUM: -21 in. H_2O *AIR PRESSURE:* 120 psi

SP-1:	> 10	scfm	2.0	psi	SP-5	0.0	scfm	29.0 psi
SP-2:	3.8	scfm	7.5	psi	SP-6	1.3	scfm	> 30 psi
SP-3:	1.4	scfm	7.0	psi	SP-7	0.0	scfm	> 30 psi
SP-4:	0.0	scfm	7.5	psi	SP-8	0.0	scfm	> 30 psi

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

Remarks: Construction vehicles and equipment are parked throughout the site.

The "No Parking" signs appear to be effective. No vehicles have been observed parked near the shed for one week.

Other Actions: Lowered the manhole near group PW-3 to the level of the parking lot surface.

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

DATE: 29-Sep-09 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen, D. Iyer OTHER PERSONNEL: ----

WEATHER CONDITIONS: Cloudy, rain, cool OUTSIDE TEMPERATURE (° F): 52

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

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: √	OFF:	16 ft	PW-5	ON:	OFF: √	4 ft
PW-2	ON: √	OFF:	24 ft	PW-6	ON: √	OFF:	12 ft
PW-3	ON: √	OFF:	12 ft	PW-7	ON: √	OFF:	15 ft
PW-4	ON: √	OFF:	25 ft	PW-8	ON: √	OFF:	4 ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 9/8/09 Air Stripper High Level

NOTES:

INFLUENT FLOW RATE: 9 gpm INFLUENT TOTALIZER READING: 538,916.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 23 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 39 gallons

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

	Top	Bottom		Top	Bottom	
BAG FILTER PRESSURES: LEFT:	46	0	psi	RIGHT: 50	0	psi

INFLUENT FEED PUMP IN USE: #1 #2 √ INFLUENT PUMP PRESSURE: 16 psi

AIR STRIPPER BLOWER IN USE: #1 #2 √ AIR STRIPPER PRESSURE: 32.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.035 in. H_2O DISCHARGE PRESSURE: 1.0 in. H_2O

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

EFFLUENT FLOW RATE: 89 gpm EFFLUENT TOTALIZER READING: 54,455,347 663780 gallons

ARE BUILDING HEATERS IN USE? YES: NO: √ INSIDE TEMPERATURE (° F): 69

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

WATER LEVEL IN SUMP: 4.5 in. TREATMENT BUILDING CLEAN & ORGANIZED? YES: √ NO:

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

29-Sep-09

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 from snowplow. Puddles have formed on some MWs and UEs from recent rain storms.

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

Remarks: Small leak in effluent vent pipe. Cleaned valve. Leak appears to be at the vacuum release on top of pipe.

Added quick disconnect to filter basket used in well purging.

Other Actions: Small leak around old exhaust port in ceiling above Air Stripper Control Panel. Small leak in Air Stripper exhaust pipe.

Redux pump is leaking. Fixed leaks on pump caused by loosened fittings and a broken hose clamp.

Bag Filters - pressure very high. Light gray sediment in bag filters. Changed filters.

Cleaned Air Stripper. Recorded well pump flow rate measurements.

AGWAY

SYSTEM VACUUM: -22 in. H_2O *AIR PRESSURE:* 110 psi

SP-1:	9.6 scfm	2.0 psi		SP-5	0.0 scfm	29.0 psi	
SP-2:	3.1 scfm	6.5 psi		SP-6	1.0 scfm	> 30 psi	
SP-3:	0.0 scfm	6.0 psi		SP-7	0.0 scfm	> 30 psi	
SP-4:	0.0 scfm	7.0 psi		SP-8	0.0 scfm	> 30 psi	

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

Remarks: Construction vehicles parked throughout site.

Other Actions: SVE vacuum drum is dry.

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

DATE: 5-Oct-09 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen OTHER PERSONNEL:

WEATHER CONDITIONS: Partly cloudy, cool OUTSIDE TEMPERATURE (° F): 55

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

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: √	OFF: 9 ft		PW-5	ON:	OFF: √	6 ft	
PW-2	ON:	OFF: √	6 ft	PW-6	ON:	OFF: √	7 ft	
PW-3	ON:	OFF: √	4 ft	PW-7	ON:	OFF: √	4 ft	
PW-4	ON:	OFF: √	6 ft	PW-8	ON:	OFF: √	5 ft	

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 9/30/09 Air Stripper Low Air Pressure

NOTES:

INFLUENT FLOW RATE: 49 gpm INFLUENT TOTALIZER READING: 784,300.0 gallons

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

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

	Top	Bottom		Top	Bottom	
BAG FILTER PRESSURES: LEFT:	0	0	psi	RIGHT: 5.5	0	psi

INFLUENT FEED PUMP IN USE: #1 #2 √ INFLUENT PUMP PRESSURE: 16 psi

AIR STRIPPER BLOWER IN USE: #1 #2 √ AIR STRIPPER PRESSURE: 14.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.052 in. H_2O DISCHARGE PRESSURE: 1.4 in. H_2O

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

EFFLUENT FLOW RATE: 87 gpm EFFLUENT TOTALIZER READING: 54,605,501 817390 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: 6.5 in. TREATMENT BUILDING CLEAN & ORGANIZED? YES: √ NO:

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

5-Oct-09

SAMPLES COLLECTED? YES: √ NO: _____

	Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Cond.
AIR STRIPPER INFLUENT:	INF	12:30 PM	7.28	7.46	14.5	2626
AIR STRIPPER EFFLUENT:	EFF	12:30 PM	8.61	6.8	15.1	2470

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 from snowplow.

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

Remarks: Increased Redux pump to: Left 2.4; Right 1.4.

Effluent vent vacuum release leaking more.

Other Actions: Emptied old Redux drum into present drum. Have (1) full drum.

Swept up spruce needles and cones from Library parking lot around groups PW-6 and PW-7.

AGWAY

SYSTEM VACUUM: -22 in. H_2O *AIR PRESSURE:* 10 psi

SP-1:	9.0	scfm	2.0	psi	SP-5	0.0	scfm	29.0 psi
SP-2:	1.5	scfm	4.0	psi	SP-6	1.2	scfm	> 30 psi
SP-3:	0.0	scfm	4.0	psi	SP-7	0.0	scfm	> 30 psi
SP-4:	0.0	scfm	4.5	psi	SP-8	0.0	scfm	> 30 psi

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

Remarks: Construction equipment and vehicles parked throughout the site.

Paid contractor $200.00 for adjusting manhole cover down near group PW-3.

Other Actions: Drained 3 gals of water from SVE vacuum drum.

Mr. C's CLEANERS OM&M

SUMMARY OF FIELD ACTIVITIES BY IEG - 9/2009

DATE	ACTIVITY
2-Sep	OM&M Weekly Inspection and Sampling. Pick up supplies.
3-Sep	OM&M office work.
4-Sep	Get supplies.
8-Sep	OM&M Weekly Inspection. Trim weeds around groups PW-2, PW-3 and shed. Change bag filters. PW-5 - clean and raise transducer.
9-Sep	OM&M office work.
10-Sep	Piezometer Readings. OM&M office work. PW-4 - clean and raise transducer.
14-Sep	OM&M Weekly Inspection. Agway Shed - hang (3) signs. Treatment Room - paint equipment box.
15-Sep	OM&M office work.
16-Sep	UM - paint equipment box and vent cover
18-Sep	PW-6 - inspect and clean U. E. Box. Replace transducer and bellows. PW-2 - inspect transducer.
21-Sep	OM&M Weekly Inspection. PW-2 and PW-3 - power wash U. E. top covers. Get supplies.
23-Sep	PW-2 - inspect and clean out U. E. box. Replace transducer and bellows.
24-Sep	PW-4 - inspect and clean pump and pipe. Purge well. Inspect and clean U.E. box. Replace transducer and bellows.
25-Sep	PW-8 - Replace pump. Inspect pipe and transducer.
29-Sep	OM&M Weekly Inspection. Get supplies. Repair JAC pump. Add fitting to well purge filter basket.
30-Sep	Changed bag filters. Clean Air Stripper

Mr. C's CLEANERS OM&M
STATUS OF OM&M ACTIVITIES BY IEG

as of 9/30/09

ACTIVITY	DESCRIPTION	COMPLETION DATE/STATUS
PW-3 pitless adapter not sealing well	Drops of water squirt upward from pitless adapter when motor turns on. Inspect and reseat pitless adapter. Replace defective O-ring.	Aug-09
Repair PW-7	PW-7 does not turn off and water level remains high in well even when switch is turned to HAND. Pull pump and transducer and inspect. Replace burned out pump.	Aug-09
Replace PW-6 Transducer Tube with Aneroid Bellows	Transducer tubes are susceptible to water damage. Replace all tubes with Aneroid Bellows as recommended by Electrical Contractor.	Aug-09
Get spare O-rings for Pitless Adapters	Some of the Pitless Adapter O-rings are wearing out. It would be less costly to replace the 0-ring on the adapter than to replace the entire adapter. Find and purchase (10) spare O-rings	Aug-09
Replace PW-6, PW-7 and PW-8 flexible pipes	The old flexible pipes are rough on the inside and encourage iron oxide buildup. Several pipes were more than 2/3 occluded upon inspection. Replace flexible pipes.	Aug-09
Replace SVE Vacuum Drum	Present Vacuum Drum inside Agway Shed is corroded. Replace drum.	To be ordered
AS / SVE System Evaluation	Agway Shed - test and 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 the compressor is a 1992 model. Compressor pump should be serviced which includes a valve kit. The belts should also be adjusted.	in progress
Level PW-4 Well and Box	Asphalt around PW-4 and its Underground Enclosure has sunk, leaving these structures 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.	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
Repair PW-6	PW-6 does not turn off and water level remains high in well even when switch is turned to HAND. Pull pump and transducer and inspect. Replace aneroid bellows and transducer.	Sep-09
Repair PW-2	Pump did not shut off even when water level was pumped down. Cleaned transducer. Tested bad. Replace bad transducer. Replace dessicant tube with aneroid bellows.	Sep-09
Instal NO PARKING signs on Agway Shed	Construction vehicles and others repeatedly park over Monitoring Well groups PW-2 and PW-3. Vehicles are also parked too close to the shed. Hang NO PARKING signs on three sides of the Agway Shed.	Sep-09
Repair PZ-2B	The MW ring and concrete cap have been pushed down by heavy equipment until the metal top cover is in contact with the riser cap. Adjust piezometer parts.	in progress
Repair PW-5	Pump will not turn OFF. Inspected/cleaned transducer. Raised level of transducer one foot.	Sep-09
Repair PW-4	Reads a constant water level 8 on PanelView. Clean and inspect pump. Purge well and flush flexible pipe. Shorten transducer wire and replace aneroid bellows.	Sep-09
Repair PW-8	Pump does not work. Replace flexible pipe and well pump.	Sep-09
Repair Redux Pump	Jesco America Corp (JAC) pump is leaking. Inspect and clean pump. Replace broken and old plastic hose clamps with metal ones. Tighten plastic fittings.	Sep-09
Air Stripper getting dirty	Pressure getting high on Air Stripper. Remove rubber ports and inspect and clean inside of Air Stripper with steel brushes and power sprayer.	Sep-09
Repair Effluent Pipe Vacuum Release	Effluent Vent Vacuum Release leaks. Inspect and clean or replace as needed.	in progress

Mr. C's CLEANERS OM&M

SUMMARY OF WATER PUMP MAINTENANCE BY IEG

as of Sep 09

ID	CLEAN & INSPECT PUMP	REPLACE PUMP	REPAIR PUMP	PIPE & PITLESS ADAPTER	CLEAN & INSPECT TRANSDUCER	REPLACE TRANSDUCER	REPAIR TRANSDUCER	PUMP OUT WELL	CLEAN OUT & INSPECT ELECTRICAL BOX	ELECTRICAL BOX REPAIR
RW - 1	Jan-08	Feb-08	Nov-08		Jan 08, Nov 08				Jun-08	Jul-08
PW - 2	Jun08, Aug 09	Jul-08			Jun 08, Aug 09	Sep-09		Jul 08, Aug 09	Jun-08	Sep-09
PW - 3	Jun 08, Aug 09	Jul-08		Repair adapter	Jun 08, Aug 09			Jul 08, Aug 09	Jun-08	
PW - 4	Dec 07, May 08, Sep 09	Dec-07			Dec-07	Mar 08, Sep 08	Sep-08	Jul 09, Sep 09	May 08, Sep 08, Sep 09	Mar 08, Sep 09
PW - 5	May-08	Jul-08			Jun 08, Aug 08, Sep 09	Sep-08	Sep-09	Jul-08	May 08, Aug 08	Aug-08
PW - 6	Jun 08, Jul 09	Jun 08, Jul 09		Replace pipe 8/09	Jun 08, Apr 09, Aug 09	Sep-09	Jun-08	Jul 08, Aug 09	Jun 08, Aug 09, Sep 09	Jul 08, Jul 09, Sep 09
PW - 7	Jun 08, Jul 09	Nov 07, Jul 09		Replace pipe 8/09	Jun 08, Aug 09		Jun-08	Jul 08, Aug 09	Jun-08	Jun-08
PW - 8	Jun 08, Aug 09	Jul 08, Sep 09		Replace pipe 8/09	Jun 08, Aug 09			Jul 08, Aug 09	May-08	May-08

Mr. C's CLEANERS OM&M

SUMMARY OF WATER PUMP STATUS - 2009

as of Sep 09

ID	CLEANED & INSPECTED PUMP	NEEDS NEW PUMP	PIPE & PITLESS ADAPTER	NEEDS WELL CLEAN-OUT	CLEANED & INSPECTED TRANSDUCER	NEEDS NEW TRANSDUCER	CLEANED & INSPECTED U.E.	NEEDS ANEROID BELLOWS	U.E. CLOGGED	NEEDS REPAIR
RW - 1	NO	NO		YES	NO	NO		YES	NO	YES - bolts
PW - 2	YES	NO		**DONE 8/09**	**YES 7/09**	**DONE 9/09**		**DONE 9/09**	NO	YES - bolts
PW - 3	YES	NO	**REPAIRED 8/09**	**DONE 8/09**	NO	NO		YES	NO	NO
PW - 4	**YES 9/09**	NO		**DONE 9/09**	**YES 9/09**	DONE	**YES 9/09**	**DONE 9/09**	DONE	YES - Asphalt patch
PW - 5	NO	NO		YES	**YES 7/09**	DONE, problem 1/09		DONE	NO	NO
PW - 6	YES	**DONE 8/09**	**Replaced pipe 8/09**	**DONE 8/09**	**YES 7/09**	YES	**YES 9/09**	**DONE 9/09**	NO	DONE
PW - 7	YES	**DONE 8/09**	**Replaced pipe 8/09**	**DONE 8/09**	**YES 7/09**	NO		DONE	NO	NO
PW - 8	YES	**DONE 9/09**	**Replaced pipe 8/09**	**DONE 8/09**	**YES 7/09**	NO		YES	NO	NO

Attachment B
Analytical Report from
Mitkem Laboratories

Analytical Data Package Work Order ID: H1707
Sampled: September 2, 2009

MITKEM LABORATORIES

A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

September 23, 2009

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

RE: Client Project: Mr. C's Dry Cleaners Site (Compliance)
Lab Work Order #: H1707

Dear Mr. Steffan:

Enclosed please find the data report of the required analyses for the samples associated with the above referenced project.

If you have any questions regarding this report, please don't hesitate to call me.

We appreciate your business.

Sincerely,

Shirley S. Ng
Project Manager

175 Metro Center Boulevard • Warwick, Rhode Island 02886-1755 • 401-732-3400 • Fax 401-732-3499
www.mitkem.com

Mitkem Laboratories

New York State Department of Environmental Conservation
Sample Identification and Analytical Requirements Summary

Project Name : Mr. C's Dry Cleaning -- 002700.DC13.02.01.01 **SDG :** H1707

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
INFLUENT	H1707-01	SW8260_W			SM2340_W	SEE DATA
EFFLUENT	H1707-02	SW8260_W			SM2340_W	SEE DATA

09/23/2009 11:48

Mitkem Laboratories

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary MSVOA

Project Name : Mr. C's Dry Cleaning – 002700.DC13.02.01.01 **SDG :** H1707

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
SW8260_W					
H1707-01A	AQ	9/2/2009	9/3/2009	NA	9/11/2009
H1707-02A	AQ	9/2/2009	9/3/2009	NA	9/11/2009

Mitkem Laboratories

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary MSVOA

Project Name : Mr. C's Dry Cleaning – 002700.DC13.02.01.01 **SDG :** H1707

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Low/Medium Level	Dil/Conc Factor
SW8260_W					
H1707-01A	AQ	SW8260_W	NA	LOW	10
H1707-02A	AQ	SW8260_W	NA	LOW	1

Mitkem Laboratories

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary ME

Project Name : Mr. C's Dry Cleaning – 002700.DC13.02.01.01 **SDG :** H1707

Laboratory Sample ID	Matrix	Metals Requested	Date Received By Lab	Date Analyzed
SM2340_W				
H1707-01C	AQ	SM2340_W	9/3/2009	9/11/2009
H1707-01CDUP	AQ	SM2340_W	9/3/2009	9/11/2009
H1707-02C	AQ	SM2340_W	9/3/2009	9/11/2009

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

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

Mitkem Work Order ID: H1707

September 23, 2009

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 September 3, 2009. 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:

Where needed, manual integrations were performed to improve data quality. The corrections were reviewed and associated hardcopies generated and reported as required. Manual integrations are coded to provide the data reviewer justification for such action. The codes are labeled on the ion chromatogram signal (GC/MS signal) and chromatogram for GC based analysis as follows:

- M1 peak tailing or fronting.
- M2 peak co-elution.
- M3 rising or falling baseline.
- M4 retention time shift.
- M5 miscellaneous – under this category, the justification is explained.
- M6 software did not integrate peak
- M7 partial peak integration

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 instruments V2: 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: spike recoveries were within the QC limits.

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

2. Wet Chemistry Analyses:

Duplicate analysis: duplicate analysis was performed on sample INFLUENT for pH analysis. Replicate RPDs were 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.

Shirley Ng
Project Manager
09/23/09

Sample Transmittal Documentation

Mitkem Laboratories

23/Sep/09 11:46

WorkOrder: H1707

Client ID: ENE **Case:** **HC Due:** 09/22/09 **Report Level:** ASP-A
Project: Mr. C's Dry Cleaning **SDG:** **Fax Due:** **EDD:** ENE
Location: 002700.DC13.02.01.01 **PO:** 002700.DC13.02
Comments: 1 ppb ICAL for VOA. Run Influent sample by 10 X dilution, low result in effluent expected. report thru LIMS.

Lab Samp ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	HS	HT	MS	SEL	Storage
H1707-01A	INFLUENT	09/02/2009 12:30	09/03/2009	Aqueous	SW8260_W	OLM_VOA, 1 ppb ICAL			☐	☑	VOA
H1707-01B	INFLUENT	09/02/2009 12:30	09/03/2009	Aqueous	SM4500_H+				☐	☐	C2
H1707-01C	INFLUENT	09/02/2009 12:30	09/03/2009	Aqueous	SM2340_W				☐	☐	M4
H1707-02A	EFFLUENT	09/02/2009 13:00	09/03/2009	Aqueous	SW8260_W	OLM_VOA, 1 ppb ICAL			☐	☑	VOA
H1707-02B	EFFLUENT	09/02/2009 13:00	09/03/2009	Aqueous	SM4500_H+				☐	☐	C2
H1707-02C	EFFLUENT	09/02/2009 13:00	09/03/2009	Aqueous	SM2340_W				☐	☐	M4

HS = Sample logged in but all tests have been placed on hold
HT = Sample/Test logged in but test has been placed on hold

Lab Client Rep: Shirley S Ng

MITKEM LABORATORIES

A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
TAT- Indicate Date Needed: Std
- 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

Project Mgr.: Mike Steffan

Invoice To: E & E, INC

P.O. No.: _____ RQN: _____

Project No.: _____
Site Name: MrCs OM&M
Location: East Aurora State: NY
Sampler(s): R. Allen

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=_____ 10=_____ 11=_____

List preservative code below: 1 4 2

Notes:

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: 4 Hardness	VOC	QA/QC Reporting Level
H1707-01	INFLUENT	9/2/09	12:30 P	G	GW				1	✓		
-01	INFLUENT		12:30 P	G	GW				1		✓	
-01	INFLUENT		12:30 P	G	GW	2					✓	
-02	EFFLUENT		1:00 P	G	GW				1	✓		
-02	EFFLUENT		1:00 P	G	GW				1		✓	
H1707-02	EFFLUENT		1:00 P	G	GW	2					✓	

☐ Level I ☐ Level II
☐ Level III ☐ Level IV
☐ Other Std

State specific reporting standards:

☑ E-mail to msteffan@ene.com
EDD Format PDF

Condition upon receipt: ☒ Iced ☐ Ambient 4°C

Relinquished by:	Received by:	Date:	Time:
Richard C Allen Jr			
	Veronica Gunn	9/3/09	12:00

5009

MITKEM LABORATORIES
Sample Condition Form

Received By: VEG | Reviewed By: SJ | Date: 9/3/09 | MITKEM Workorder #: H1707

Client Project: Mr. C's Compliance | Client: ENE

1) Cooler Sealed (Yes) / No

2) Custody Seal(s) (Present) / Absent
(Coolers) / Bottles
(Intact) / Broken

3) Custody Seal Number(s) NA

4) Chain-of-Custody (Present) / Absent

5) Cooler Temperature 4°C
Coolant Condition ICE

6) Airbill(s) (Present) / Absent
Airbill Number(s) UPS
1ZFR8725139860182

7) Sample Bottles (Intact)/Broken/Leaking

8) Date Received 9/3/09

9) Time Received 12:00

Preservative Name/Lot No:

Lab Sample ID		Preservation (pH) HNO_3	H_2SO_4	HCl	NaOH	H_3PO_4	VOA Matrix	Soil Headspace or Air Bubbles ≥ 1/4"
H1707	01	<2					H	
H1707	02	<2					H	

VOA Matrix Key:

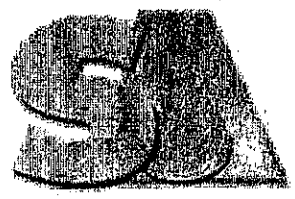
US = Unpreserved Soil	**A** = Air
UA = Unpreserved Aqu.	**H** = HCl
M= MeOH	**E** = Encore
N = $NaHSO_4$	**F** = Freeze

See Sample Condition Notification/Corrective Action Form yes / (no)

Rad OK yes/ no

0007

MITKEM LABORATORIES



* 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.: H1707 Mod. Ref No.: SDG No.: SH1707

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: H1707-01A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L2182.D

Level: (TRACE/LOW/MED) LOW Date Received: 09/03/2009

% Moisture: not dec. Date Analyzed: 09/11/2009

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: (ug/L or ug/Kg) UG/L	Q
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	7.4	J
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-butyl ether	7.8	J
75-34-3	1,1-Dichloroethane	10	U
78-93-3	2-Butanone	50	U
156-59-2	cis-1,2-Dichloroethene	28	
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	70	
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	1600	
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.: H1707 Mod. Ref No.: SDG No.: SH1707

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: H1707-01A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L2182.D

Level: (TRACE/LOW/MED) LOW Date Received: 09/03/2009

% Moisture: not dec. Date Analyzed: 09/11/2009

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: (ug/L or ug/Kg) UG/L	Q
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

1J - FORM I VOA-TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

INFLUENT

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: H1707 Mod. Ref No.: SDG No.: SH1707

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: H1707-01A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L2182.D

Level: (TRACE or LOW/MED) LOW Date Received: 09/03/2009

% Moisture: not dec. Date Analyzed: 09/11/2009

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 10.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
E96679[1]	Total Alkanes	N/A		

[1] EPA-designated Registry Number.

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EFFLUENT

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: H1707 Mod. Ref No.: SDG No.: SH1707

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: H1707-02A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L2181.D

Level: (TRACE/LOW/MED) LOW Date Received: 09/03/2009

% Moisture: not dec. Date Analyzed: 09/11/2009

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: (ug/L or ug/Kg) UG/L	Q
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	1.0	U
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

CLIENT SAMPLE NO.

EFFLUENT

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: H1707

Mod. Ref No.: SDG No.: SH1707

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: H1707-02A

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V2L2181.D

Level: (TRACE/LOW/MED) LOW

Date Received: 09/03/2009

% Moisture: not dec.

Date Analyzed: 09/11/2009

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: (ug/L or ug/Kg) UG/L	Q
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

1J - FORM I VOA-TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EFFLUENT

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: H1707 Mod. Ref No.: SDG No.: SH1707

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: H1707-02A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L2181.D

Level: (TRACE or LOW/MED) LOW Date Received: 09/03/2009

% Moisture: not dec. Date Analyzed: 09/11/2009

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
E96679€[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

V2SLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: H1707 Mod. Ref No.: SDG No.: SH1707

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-46083

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L2175.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 09/11/2009

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: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	43	
74-87-3	Chloromethane	40	
75-01-4	Vinyl chloride	43	
74-83-9	Bromomethane	40	
75-00-3	Chloroethane	42	
75-69-4	Trichlorofluoromethane	46	
75-35-4	1,1-Dichloroethene	48	
67-64-1	Acetone	63	
75-15-0	Carbon disulfide	42	
75-09-2	Methylene chloride	39	
156-60-5	trans-1,2-Dichloroethene	47	
1634-04-4	Methyl tert-butyl ether	45	
75-34-3	1,1-Dichloroethane	43	
78-93-3	2-Butanone	52	
156-59-2	cis-1,2-Dichloroethene	45	
67-66-3	Chloroform	44	
71-55-6	1,1,1-Trichloroethane	45	
56-23-5	Carbon tetrachloride	45	
107-06-2	1,2-Dichloroethane	43	
71-43-2	Benzene	44	
79-01-6	Trichloroethene	47	
78-87-5	1,2-Dichloropropane	44	
75-27-4	Bromodichloromethane	45	
10061-01-5	cis-1,3-Dichloropropene	45	
108-10-1	4-Methyl-2-pentanone	43	
108-88-3	Toluene	45	
10061-02-6	trans-1,3-Dichloropropene	46	
79-00-5	1,1,2-Trichloroethane	46	
127-18-4	Tetrachloroethene	51	
591-78-6	2-Hexanone	46	
124-48-1	Dibromochloromethane	50	
106-93-4	1,2-Dibromoethane	49	
108-90-7	Chlorobenzene	48	
100-41-4	Ethylbenzene	49	
1330-20-7	Xylene (Total)	140	

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

V2SLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: H1707 Mod. Ref No.: SDG No.: SH1707

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-46083

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L2175.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 09/11/2009

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: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	48	
75-25-2	Bromoform	54	
98-82-8	Isopropylbenzene	48	
79-34-5	1,1,2,2-Tetrachloroethane	47	
541-73-1	1,3-Dichlorobenzene	48	
106-46-7	1,4-Dichlorobenzene	48	
95-50-1	1,2-Dichlorobenzene	48	
96-12-8	1,2-Dibromo-3-chloropropane	47	
120-82-1	1,2,4-Trichlorobenzene	53	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	46	
110-82-7	Cyclohexane	43	
79-20-9	Methyl acetate	43	
108-87-2	Methylcyclohexane	45	

2B - FORM II VOA-2

WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: H1707 Mod. Ref No.: SDG No.: SH1707

Level: (TRACE or LOW) LOW

	CLIENT SAMPLE NO.	VDMC1 (DBFM) #	VDMC2 (DCE) #	VDMC3 (TOL) #	VDMC4 (BFB) #				TOT OUT
01	VBLK2S	99	103	98	93				0
02	V2SLCS	99	101	102	96				0
03	EFFLUENT	98	95	97	92				0
04	INFLUENT	100	99	97	94				0

		QC LIMITS
VDMC1	(DBFM) Dibromofluoromethane	(85-115)
VDMC2	(DCE) =1,2-Dichloroethane-d4	(70-120)
VDMC3	(TOL) =Toluene-d8	(85-120)
VDMC4	(BFB) =Bromofluorobenzene	(75-120)

Column to be used to flag recovery values

* Values outside of contract required QC limits

SOM_002

SW846

3 - FORM III

WATER LABORATORY CONTROL

SAMPLE RECOVERY

CLIENT SAMPLE NO.

V2SLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: H1707 Mod. Ref No.: SDG No.: SH1707

Lab Sample ID: LCS-46083 LCS Lot No.:

Date Extracted: 09/11/2009 Date Analyzed (1): 09/11/2009

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Dichlorodifluoromethane	50.0000	0.0000	42.9476	86		30 - 155
Chloromethane	50.0000	0.0000	39.9166	80		40 - 125
Vinyl chloride	50.0000	0.0000	42.6894	85		50 - 145
Bromomethane	50.0000	0.0000	39.9233	80		30 - 145
Chloroethane	50.0000	0.0000	41.6178	83		60 - 135
Trichlorofluoromethane	50.0000	0.0000	46.0739	92		60 - 145
1,1-Dichloroethene	50.0000	0.0000	47.6484	95		70 - 130
Acetone	50.0000	0.0000	63.3847	127		40 - 140
Carbon disulfide	50.0000	0.0000	41.6381	83		35 - 160
Methylene chloride	50.0000	0.0000	39.0479	78		55 - 140
trans-1,2-Dichloroethene	50.0000	0.0000	46.8253	94		60 - 140
Methyl tert-butyl ether	50.0000	0.0000	44.8938	90		65 - 125
1,1-Dichloroethane	50.0000	0.0000	43.2984	87		70 - 135
2-Butanone	50.0000	0.0000	51.8933	104		30 - 150
cis-1,2-Dichloroethene	50.0000	0.0000	45.4787	91		70 - 125
Chloroform	50.0000	0.0000	44.2616	89		65 - 135
1,1,1-Trichloroethane	50.0000	0.0000	44.9658	90		65 - 130
Carbon tetrachloride	50.0000	0.0000	45.0154	90		65 - 140
1,2-Dichloroethane	50.0000	0.0000	43.1883	86		70 - 130
Benzene	50.0000	0.0000	44.4811	89		80 - 120
Trichloroethene	50.0000	0.0000	47.0859	94		70 - 125
1,2-Dichloropropane	50.0000	0.0000	43.6196	87		75 - 125
Bromodichloromethane	50.0000	0.0000	45.0424	90		75 - 120
cis-1,3-Dichloropropene	50.0000	0.0000	45.4582	91		70 - 130
4-Methyl-2-pentanone	50.0000	0.0000	42.7542	86		60 - 135
Toluene	50.0000	0.0000	45.4064	91		75 - 120
trans-1,3-Dichloropropene	50.0000	0.0000	45.6729	91		55 - 140
1,1,2-Trichloroethane	50.0000	0.0000	45.8144	92		75 - 125
Tetrachloroethene	50.0000	0.0000	50.8993	102		45 - 150
2-Hexanone	50.0000	0.0000	45.6609	91		55 - 130
Dibromochloromethane	50.0000	0.0000	50.3023	101		60 - 135
1,2-Dibromoethane	50.0000	0.0000	49.4298	99		80 - 120
Chlorobenzene	50.0000	0.0000	47.6414	95		80 - 120
Ethylbenzene	50.0000	0.0000	48.6411	97		75 - 125
Xylene (Total)	150.0000	0.0000	144.5160	96		81 - 121
Styrene	50.0000	0.0000	48.1864	96		65 - 135
Bromoform	50.0000	0.0000	54.0319	108		70 - 130
Isopropylbenzene	50.0000	0.0000	48.3485	97		75 - 125
1,1,2,2-Tetrachloroethane	50.0000	0.0000	47.0785	94		65 - 130
1,3-Dichlorobenzene	50.0000	0.0000	47.8743	96		75 - 125
1,4-Dichlorobenzene	50.0000	0.0000	48.1585	96		75 - 125
1,2-Dichlorobenzene	50.0000	0.0000	48.4043	97		70 - 120
1,2-Dibromo-3-chloropropan	50.0000	0.0000	46.9505	94		50 - 130
1,2,4-Trichlorobenzene	50.0000	0.0000	52.9017	106		65 - 135

3 - FORM III

WATER LABORATORY CONTROL

SAMPLE RECOVERY

CLIENT SAMPLE NO.

V2SLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: H1707 Mod. Ref No.: SDG No.: SH1707

Lab Sample ID: LCS-46083 LCS Lot No.:

Date Extracted: 09/11/2009 Date Analyzed (1): 09/11/2009

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
1,1,2-Trichloro-1,2,2-trif	50.0000	0.0000	46.3890	93		70 - 130
Cyclohexane	50.0000	0.0000	43.1388	86		70 - 130
Methyl acetate	50.0000	0.0000	42.8272	86		70 - 130
Methylcyclohexane	50.0000	0.0000	45.4162	91		70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 48 outside limits

COMMENTS:

4A - FORM IV VOA

VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

VBLK2S

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: H1707 Mod. Ref No.: SDG No.: SH1707

Lab File ID: V2L2174.D Lab Sample ID: MB-46083

Instrument ID: V2

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 09/11/2009

Level: (TRACE or LOW/MED) LOW Time Analyzed: 09:20

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V2SLCS	LCS-46083	V2L2175.D	09:54
02	EFFLUENT	H1707-02A	V2L2181.D	12:34
03	INFLUENT	H1707-01A	V2L2182.D	12:59

COMMENTS:

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

VBLK2S

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: H1707 Mod. Ref No.: SDG No.: SH1707

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-46083

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L2174.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 09/11/2009

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: (ug/L or ug/Kg) UG/L	Q
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	5.0	U
108-10-1	4-Methyl-2-pentanone	1.0	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	5.0	U
591-78-6	2-Hexanone	1.0	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

CLIENT SAMPLE NO.

VBLK2S

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: H1707

Mod. Ref No.: SDG No.: SH1707

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: MB-46083

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V2L2174.D

Level: (TRACE/LOW/MED) LOW

Date Received:

% Moisture: not dec.

Date Analyzed: 09/11/2009

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: (ug/L or ug/Kg) UG/L	Q
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

1J - FORM I VOA-TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

VBLK2S

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: H1707 Mod. Ref No.: SDG No.: SH1707

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-46083

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L2174.D

Level: (TRACE or LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 09/11/2009

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

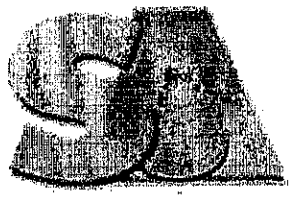
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
E96679€[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

MITKEM LABORATORIES



* Wet Chemistry *

Mitkem Laboratories

Date: *23-Sep-09*

Client: Ecology and Environment Engineering P.C.
Client Sample ID: INFLUENT
Lab ID: H1707-01

Project: Mr. C's Dry Cleaning
Collection Date: 09/02/09 12:30

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SM 2340 -- HARDNESS by Calculation							**SM2340_W**
Hardness, Ca/Mg (As CaCO3)	510		4.0	mg/L CaCO3	1	09/11/2009 8:18	46053
SM 4500 pH -- pH VALUE							**SM4500_H+**
pH	6.9		1.0	S.U.	1	09/03/2009 14:40	R41645

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation 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: *23-Sep-09*

Client: Ecology and Environment Engineering P.C.
Client Sample ID: EFFLUENT
Lab ID: H1707-02

Project: Mr. C's Dry Cleaning
Collection Date: 09/02/09 13:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SM 2340 -- HARDNESS by Calculation							**SM2340_W**
Hardness, Ca/Mg (As CaCO3)	500		4.0	mg/L CaCO3	1	09/11/2009 8:27	46053
SM 4500 pH -- pH VALUE							**SM4500_H+**
pH	8.1		1.0	S.U.	1	09/03/2009 14:43	R41645

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation 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.
Work Order: H1707
Project: Mr. C's Dry Cleaning

ANALYTICAL QC SUMMARY REPORT

SM2340_W
SM 2340 -- HARDNESS by Calculation

Sample ID: **MB-46053**	SampType: **MBLK**	TestCode: **SM2340_W**			Prep Date: **9/9/2009**			Run ID: **OPTIMA3_090911C**				
Client ID: **MB-46053**	Batch ID: **46053**	Units: **mg/L CaCO3**			Analysis Date: **9/11/2009**			SeqNo: **1113986**				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hardness, Ca/Mg (As CaCO3)		ND	4.0									

Sample ID: **H1707-01CDUP**	SampType: **DUP**	TestCode: **SM2340_W**			Prep Date: **9/9/2009**			Run ID: **OPTIMA3_090911C**				
Client ID: **INFLUENT**	Batch ID: **46053**	Units: **mg/L CaCO3**			Analysis Date: **9/11/2009**			SeqNo: **1113988**				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hardness, Ca/Mg (As CaCO3)		495.6	4.0	0	0	0	0	0	514.3	3.7	20	

9027

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Last Page of Data Report

Attachment C

Summary of Site Utility Costs and Projections
January to December 2009

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

ATTACHMENT C

NYSDEC Work Assignment #DC13.02.01.01

12 Months of System Operation and Maintenance

September 2009 Report

Gas, Telephone, and Electric

Utility Budget:	
Electric:	$25,800.00
Telephone:	$540.00
Gas	$720.00
Total:	$27,060.00

Utility Provider	Account #	E&E Cost Center	Description	Jan-2009	Feb-2009	Mar-2009	Apr-2009	May-2009	Jun-2009
New York State E&G	06-311-11-002616-26	002700.DC13.02.01	Mr. C's Electric Costs	$740.05	$ 634.16	$ 815.68	$ 852.65	$ 801.67	$ 885.89
New York State E&G	76-311-11-015900-18		Agway Site - Electric		$ 665.80			$379.43	$511.97
National Fuel Gas	5819628-05	002700.DC13.02.01	Mr. C's Natural Gas Costs	$160.91	$ 134.62				
			Totals	$ 900.96	$ 1,434.58	$ 815.68	$ 852.65	$ 1,181.10	$ 1,397.86

	Jul-2009	Aug-2009	Sep-2009	Oct-2009	Nov-2009	Dec-2009	Ave. /Month
Mr. C's Electric Costs	$906.13	$ 854.11					$ 811.54
Agway Electric	$489.42						$ 511.66
Mr. C's Natural Gas Costs							$ 147.77
Totals	$1,395.55	$ 854.11	$ -	$ -	$ -	$ -	$ 1,470.96

Electric	$8,536.96
Natural Gas	$ 295.53

Overbilled natural gas costs - no charges

Grand Total - NYSE&G/National Fuel Gas Costs To Date $ 8,832.49

Estimated Reading $ 333.44 in red -adjusted billing

Phone

Utility Provider	Phone #	E&E Cost Center	Location Description	Jan-2009	Feb-2009	Mar-2009	Apr-2009	May-2009	Jun-2009
Verizon	716-652-0094	002700.DC13.02.01	Mr. C's Telephone Costs						
Account#									
716 652 0094 416 26 2									

	Jul-2009	Aug-2009	Sep-2009	Oct-2009	Nov-2009	Dec-2008	Ave./Month
							$ -

Grand Total - Verizon Costs to Date $ -

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

Grand Total All Utilities To Date $ 8,832.49

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

NYSDEC Work Assignment #DC13

12 Months of System Operation and Maintenance

September 2009 Report

Budget Remaining:

Electric:	$17,263.04
Telephone:	$540.00
Gas	$424.47
Total:	$18,227.51

ATTACHMENT C

Monthly Treatment System Operational Time by O&M Services

Month	Possible OP Hours	Actual OP Hours	Up-Time Percent	Percent Capacity*	General Operation Comments
September-03	96	96	100.00%	58%	Shutdown by Tyree after Separable Part B inspection
October-03	168	168	100.00%	6%	Official Startup by O&M Enterprises on 10/22/03
November-03	720	720	100.00%	5%	
December-03	744	744	100.00%	28%	
January-04	672	672	100.00%	16%	
February-04	696	696	100.00%	21%	
March-04	816	815	99.88%	51%	
April-04	672	670	99.70%	50%	
May-04	696	513	73.71%	43%	Equipment shutdown- low flow of water to air stripper - 5/17-24/04
June-04	696	692	99.43%	30%	Individual pumps shutdown for inspection and cleaning
July-04	840	840	100.00%	47%	100% operational
August-04	672	672	100.00%	42%	100% operational
September-04	840	820	97.62%	31%	Temporary Stripper Shutdown
October-04	672	607	90.33%	33%	65 hour weekend shutdown due to low pressure problems with the airstripper
November-04	696	641.5	92.17%	37%	
December-04	816	792	97.06%	42%	GAC units removed from treatment system operations
January-05	840	840	100.00%	46%	GAC units removed from project site 1/14/05
February-05	672	660	98.21%	41%	Unit cleaned February 4, 2005
March-05	840	828	98.57%	33%	Unit shut down for additional cleaning and sequestering agent review.
April-05	696	609	87.50%	58%	Unit cleaned April 8, 2005. Back in service until new sequestering agent approved and installed.
May-05	840	768	91.43%	36%	Unit re-cleaned and new water treatment chemical stsrted operations on 5/19/05
June-05	744	644	86.56%	30%	Extremely dry month of June.
July-05	624	605.5	97.04%	44%	Extremely dry month of July.
August-05	696	696	100.00%	44%	Extremely dry month of August.
September-05	864	864	100.00%	40%	Extremely dry month of September.
October-05	672	672	100.00%	39%	Extremely dry month of October.
November-05	672	659	98.07%	34%	Power outage occurred November 6, 2005
December-05	864	854	98.84%	29.6%	Air Stripper cleaning occurred on 12/27/05
January-06	816	816	100.00%	36.7%	
February-06	696	696	100.00%	54.8%	
March-06	696	696	100.00%	56.4%	
April-06	696	689	98.99%	34.3%	Dry month, 5 hours for cleaning the stripper
May-06	696	689	98.99%	32.3%	Dry month, 5 hours for cleaning the stripper
June-06	816	812	99.51%	28.6%	
July-06	624	621	99.52%	27.8%	
August-06	696	696	100.00%	26.4%	
September-06	840	834	99.29%	28.2%	Stripper cleaning performed
October-06	628	609	96.91%	27.0%	power outage from severe winter storm 10/12-10/14
November-06	672	672	100.00%	28.7%	
December-06	720	706	98.06%	28.6%	
Totals to Date	**28132**	**27394**	**97.38%**		

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

ATTACHMENT C

NYSDEC Work Assignment #DC13

12 Months of System Operation and Maintenance

September 2009 Report

	Possible OP Hours	Actual OP Hours	Up-Time Percent	Percent Capacity*	
From Page 2	28132	27394	97.38%		
January-07	984	983	99.90%	26.7%	Cold month.
February-07	480	480	100.00%	40.7%	Extra Cold month.
March-07	672	672	100.00%	28.1%	
April-07	888	888	100.00%	27.1%	
May-07	696	696	100.00%	26.2%	Dry month
June-07	648	644	99.38%	25.1%	
July-07	696	696	100.00%	24.1%	
August-07	792	792	100.00%	17.9%	
September-07	816	816	100.00%	21.0%	Dry month
October-07	696	696	100.00%	19.9%	Dry month
November-07	744	741	99.60%	19.3%	
December-07	840	720	85.71%	17.9%	Stripper down for cleaning and Pump RW-1 offline
January-08	620	600	96.77%	5.4%	RW-1 pump off-line
February-08	672	644	95.83%	5.4%	RW-1 pump return to service, PW-4 off line
March-08	840	832	99.05%	19.7%	
April-08	696	696	100.00%	19.3%	
May-08	696	695	99.86%	18.1%	Pumps PW-4 and PW-8 under repair
June-08	816	816	100.00%	17.1%	Low-flow pumps being inspected and cleaned.
July-08	696	696	100.00%	19.0%	Wells PW02-08 were reconditioned in July. PW-4 well down due to transducer issues
August-08	648	640	98.77%	20.0%	Well PW-5 down due to transducer problems.
September-08	840	840	100.00%	25.0%	Well reconditioning complete and PW-5 back in service.
October-08	720	720	100.00%	18.4%	All systems operational - Dry month
November-08	816	816	100.00%	14.2%	Wiring problem with RW-1 pump
December-08	816	816	100.00%	25.1%	Full operations
January-09	672	672	100.00%	37.5%	
February-09	744	600	80.65%	38.3%	Effluent Corrective Action - Air Stripper Cleanup
March-09	672	672	100.00%	37.6%	
April-09	768	768	100.00%	32.9%	
May-09	696	696	100.00%	27.4%	Dry month - Full operations
June-09	840	840	100.00%	15.3%	
July-09	696	696	100.00%	15.5%	Two pumps under repair.
August-09	672	672	100.00%	18.9%	Repairs on two level transducers.
September-09	792	792	100.00%	17.9%	Extremely dry month
October-09			#DIV/0!		
November-09			#DIV/0!		
December-09					
Totals to Date	52512	51437	97.95%		Based on OM services provided by EEEPC/OMEI/Iyer since 9/03.

* Percent Capacity is based on initial operating groundwater flows from the eight installed pumps from 9/02. Evaluated on total gallonsdischargedfor 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.

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

ATTACHMENT C

NYSDEC Work Assignment #DC13

12 Months of System Operation and Maintenance

September 2009 Report

Mr. C's Electric	$	811.54				
Agway Electric	$	511.66				
Mr. C's Gas	$	147.77				
Mr. C's Telephone	$	-				
Ave. Utility Cost Total	$	1,470.96	times	12 month Estimate	$19,122.51	

Attachment D

Mr. C's Water Levels During Pumping Cycles

Pumping Locations RW-1 and PW2-8

TABLE
Mr. C's CLEANERS OM&M
WATER LEVELS DURING PUMPING CYCLES - Sep. 2009

RW 1		PW 2		PW 3		PW 4		PW 5		PW 6		PW 7		PW 8	
AVERAGE FLOW (gpm at influent meter)															
56		10		11		21		11		23		16		8	
TIME	LEVEL	TIME	LEVEL	TIME	LEVEL	TIME	LEVEL	TIME	LEVEL	TIME	LEVEL	TIME	LEVEL	TIME	LEVEL
0	11	0	8	0	8	0	8	0	8	0	8	0	8	0	8
170	4	25	5	100	3	20	3	60	3	25	3	30	4	85	4
270	11	285	8	460	8	128	8	400	8	255	8	95	8	225	8
465	4	310	5	548	3	176	3	455	3	305	3	175	4	315	4
570	11	560	8	900	8	290	8	795	8	535	8	225	8	455	8
695	4	585	5	990	3	335	3	840	3	565	3	255	4	530	4

FIGURE: WATER LEVELS DURING PUMPING CYCLES

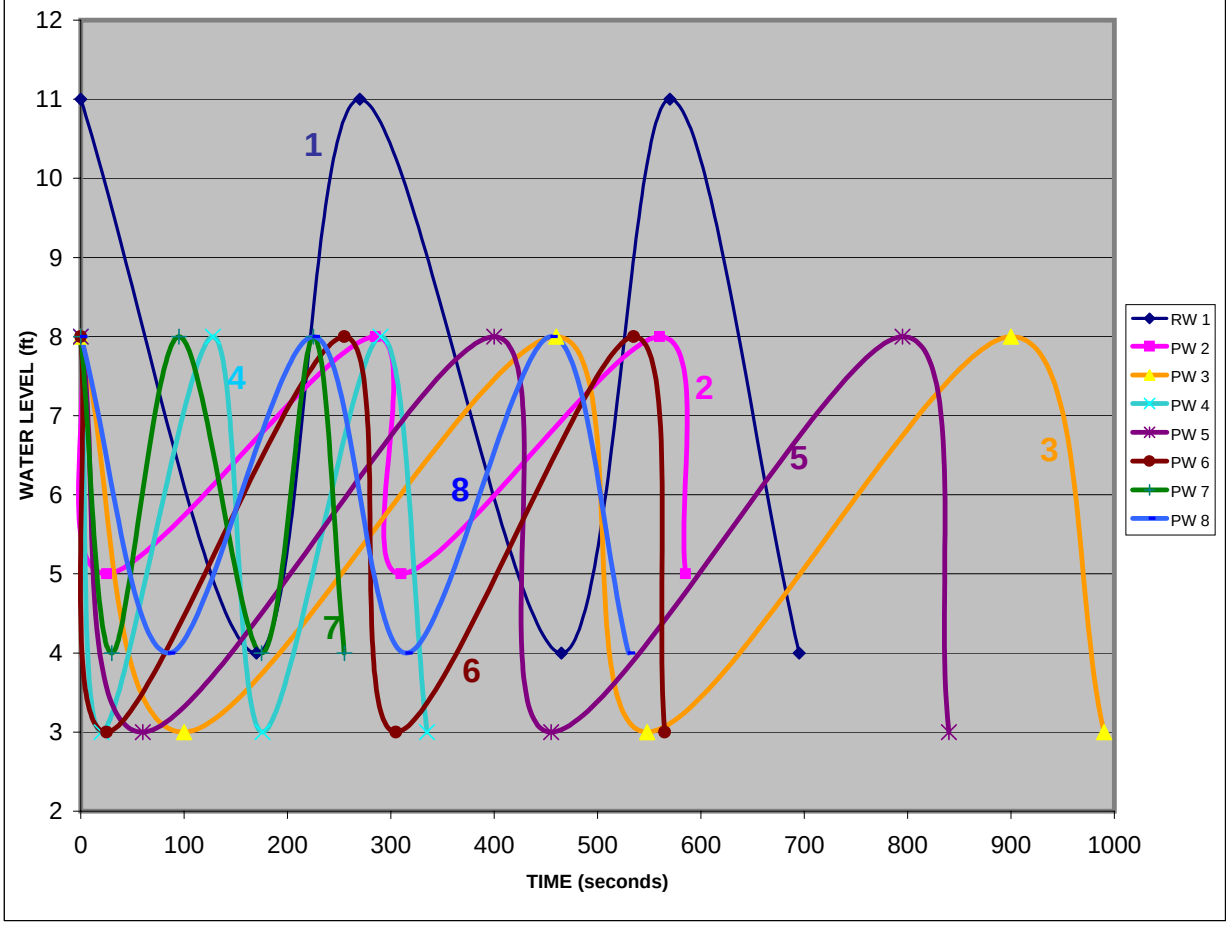
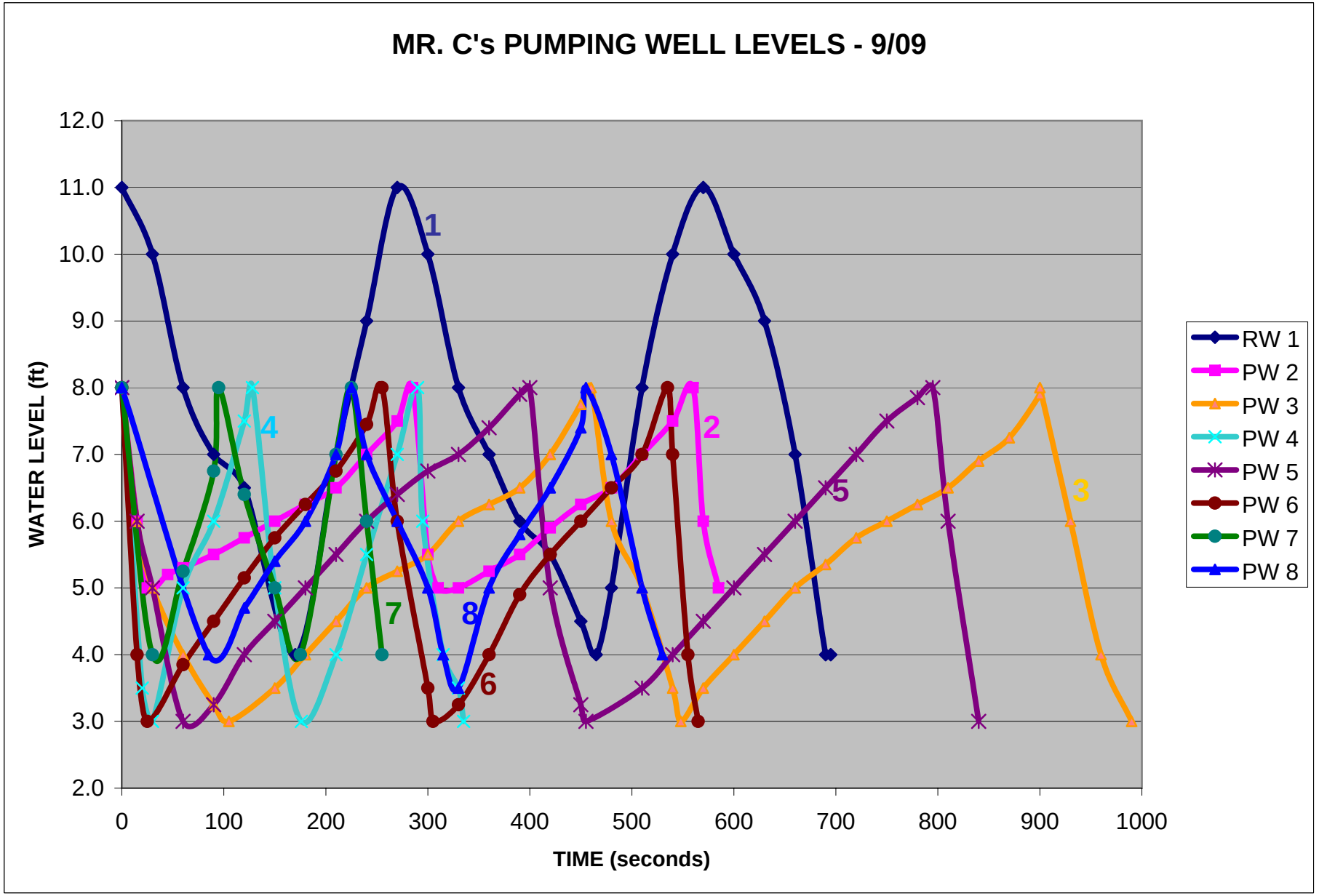


TABLE A
Mr. C's CLEANERS OM&M
PUMPING WELLS - WATER LEVELS - Sept 2009

RW 1		PW 2		PW 3		PW 4		PW 5		PW 6		PW 7		PW 8	
TIME	LEVEL	TIME	LEVEL	TIME	LEVEL	TIME	LEVEL	TIME	LEVEL	TIME	LEVEL	TIME	LEVEL	TIME	LEVEL
0	11.0	0	8.0	0	8.0	0	8.0	0	8.0	0	8.0	0	8.0	0	8.0
30	10.0	15	6.0	15	6.0	20	3.5	15	6.0	15	4.0	30	4.0	85	4.0
60	8.0	25	5.0	30	5.0	30	3.0	30	5.0	25	3.0	60	5.3	120	4.7
90	7.0	45	5.2	60	4.0	60	5.0	60	3.0	60	3.9	90	6.8	150	5.4
120	6.5	60	5.3	90	3.3	90	6.0	90	3.3	90	4.5	95	8.0	180	6.0
170	4.0	90	5.5	105	3.0	120	7.5	120	4.0	120	5.2	120	6.4	210	7.0
210	7.0	120	5.8	150	3.5	128	8.0	150	4.5	150	5.8	150	5.0	225	8.0
240	9.0	150	6.0	180	4.0	150	5.0	180	5.0	180	6.3	175	4.0	240	7.0
270	11.0	180	6.3	210	4.5	176	3.0	210	5.5	210	6.8	210	7.0	270	6.0
300	10.0	210	6.5	240	5.0	210	4.0	240	6.0	240	7.5	225	8.0	300	5.0
330	8.0	240	7.0	270	5.3	240	5.5	270	6.4	255	8.0	240	6.0	315	4.0
360	7.0	270	7.5	300	5.5	270	7.0	300	6.8	270	6.0	255	4.0	330	3.5
390	6.0	285	8.0	330	6.0	290	8.0	330	7.0	300	3.5			360	5.0
420	5.5	300	5.5	360	6.3	295	6.0	360	7.4	305	3.0			390	5.8
450	4.5	310	5.0	390	6.5	315	4.0	390	7.9	330	3.3			420	6.5
465	4.0	330	5.0	420	7.0	330	3.5	400	8.0	360	4.0			450	7.4
480	5.0	360	5.3	450	7.8	335	3.0	420	5.0	390	4.9			455	8.0
510	8.0	390	5.5	460	8.0			450	3.3	420	5.5			480	7.0
540	10.0	420	5.9	480	6.0			455	3.0	450	6.0			510	5.0
570	11.0	450	6.3	510	5.0			510	3.5	480	6.5			530	4.0
600	10.0	480	6.5	540	3.5			540	4.0	510	7.0				
630	9.0	510	7.0	548	3.0			570	4.5	535	8.0				
660	7.0	540	7.5	570	3.5			600	5.0	540	7.0				
690	4.0	560	8.0	600	4.0			630	5.5	555	4.0				
695	4.0	570	6.0	630	4.5			660	6.0	565	3.0				
		585	5.0	660	5.0			690	6.5						
				690	5.4			720	7.0						
				720	5.8			750	7.5						
				750	6.0			780	7.9						
				780	6.3			795	8.0						
				810	6.5			810	6.0						
				840	6.9			840	3.0						
				870	7.3										
				900	7.9										
				900	8.0										
				930	6.0										
				960	4.0										
				990	3.0										


MR. C's PUMPING WELL LEVELS - 9/09
WATER LEVEL (ft)
12.0
11.0
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
0
100
200
300
400
500
600
700
800
900
1000
TIME (seconds)
1
2
3
4
5
6
7
8
RW 1
PW 2
PW 3
PW 4
PW 5
PW 6
PW 7
PW 8