ecology and environment engineering, p.c.

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November 7, 2007

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
October 2007 Operations, Maintenance, and Monitoring Report

Dear Mr. Welling:

Ecology and Environment Engineering, P.C. (EEEPC) is pleased to provide the October 2007 Operation, Maintenance, and Monitoring (OM&M) Report for the Mr. C's Dry Cleaners Site, NYSDEC Site # 9-15-157, located in East Aurora, New York. Copies of weekly inspection reports provided from EEEPC's subcontractor Iyer Environmental Group, PLLC (IEG) are provided in Attachment A. Selected pages from the individual analytical data package prepared by Mitkem Laboratories (ML) are provided as Attachment B. The full analytical report along with QA/QC information will be retained by EEEPC. All analytical results for the report were analyzed at the lowest detection limits in accordance with the standard method. Remedial treatment system utility costs for the Mr. C's and Agway sites are provided as Attachment C.

In review of the on-site treatment system operations, monitoring and maintenance for October 2007, 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 10/1/07 and 10/30/07. Table 1 is provided to indicate the monthly operational time of the treatment equipment from the time of system startup.
- The effluent totalizer readings for the month of October 2007 indicate that approximately 647,173 gallons of groundwater were processed through the remedial treatment system for the period 10/1/07 and 10/30/07. Table 2 provides a summary of groundwater volume treated since system start-up. Historical volumes are based on totalizer readings provided by the subcontractor's weekly inspection forms.
- Filters in the influent bag filter units were checked but not replaced during October 2007. Filter gauge pressure readings observed during weekly inspections ranged between 5 and 8 psi, which is within the 15 psi operational limit indicated in the system O&M Manual.

- Checklists for weekly system inspections from IEG are provided as Attachment A for 10/1/07, 10/9/07, 10/16/07, 10/24/07 and 10/30/07. Weekly system checks indicated that the air stripper differential pressure remained between 0.03 and 0.04 inches of water with air stripper pressure between 38.0 and 41.0 inches of water during the month of October 2007.
- The feed rate for the sequestering agent has been adjusted weekly between 5 and 8 ml/min, based on visual observations of mineral deposits on the stripping trays and analytical results from the effluent samples. The feed rate is being closely monitored by EEEPC and IEG personnel, with the intent of optimizing the feed rate at or near the manufacturer's recommended injection rate of 5 ml/min. Visual inspection of the stripper trays is being performed weekly by IEG during inspections.
- The analytical results from compliance sampling performed on October 1, 2007 (Attachment B) were received by EEEPC on October 22, 2007. A review of the data revealed the treated PCE effluent level lower than 1 ppb, which is in compliance with the discharge limit of 10 ppb for the site. All other contaminants detected were either below the level of detection or not detected. ML has been requested to provide analytical data to sub ppb accuracy, which will allow more accurate determination of effluent contaminant levels. EEEPC and IEG continue to monitor the status of the effluent PCE and other contaminant levels on the SPDES Equivalency permit closely.
- EEEPC and IEG personnel will begin retraction, inspection and cleaning of pumps in wells RW-1 through PW-8 in November 2007.
- IEG personnel posted NYSDEC contact signage on the Mr. C's Treatment system door as requested by EEEPC.
- The Autodialer for the Mr. C's Treatment system has been reprogrammed to contact IEG and EEEPC personnel in the event of a system malfunction. An official test of the callout and alarm system review will be performed in November for quality assurance purposes.

Agway Site Remedial Information

- All treatment and support systems continue to be operational.
- Testing to evaluate the performance of individual SVE system components including sparge points, compressor, manometers and extraction blower will be conducted in November 2007 by EEEPC and IEG personnel.
- The water/air separator on the SVE system was removed and inspected for leaks. A small leak was repaired with silicone caulk and the unit was placed back in service.
- Padlocks on the SVE Treatment shed and exterior electrical panel have been keyed alike and replaced.
- IEG replaced missing bolts on several of the on-site well caps. Caps with stripped threads will be chased and rethreaded as required to insure secure fastening of the well cap. Caps damaged beyond repair will be replaced.

- An asphalt patch has been installed over the metal cover on Monitoring Well MPI-14B (located in Fillmore Avenue) to protect it from further damage during winter conditions. The cap was destroyed by Village pavement milling operations in August 2007. The cost to recomission the well is being evaluated by the O&M subcontractor.

Subslab Depressurization Systems (SSDS) – First Presbyterian Chuch

- Minor repairs to the SSDS system at the First Presbyterian Church were completed by IEG personnel on (date). Mounting brackets for a vent located at the third floor level on the west wall of the school building has been reattached.

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 October 2007 and year to date are provided as Attachment C.

Analytical Summary – Groundwater

EEEPC and IEG personnel collected samples of influent and effluent groundwater from the Mr. C's Treatment system on October 1, 2007. Overall cleanup efficiency for the reporting period 10/1/07 to 10/30/07 was 100.00% based on analytical testing performed by the Mitkem Corporation Laboratory. Excerpts from the Analytical Data package for the October 1, 2007 sampling event are presented in Table 3.

The October 2007 monthly analytical results indicate that the treated groundwater effluent is below the site specific Effluent Discharge Limitation Requirements (SPDES Equivalency Permit) for all compounds. The summary of Effluent Discharge Criteria & Analytical Compliance Results are presented in Table 4.

- Approximately 10.68 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 calculated pounds of cVOC's by month and by date are located in Table 5. These values are calculated 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.

If you have questions regarding the October 2007 O&M report summary submitted, 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
D. Miller/J. Kohler, EEEPC - Buffalo w/ attachments
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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	**25037.5**	**93.80%**

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)	**25037.5**	**93.80%**
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%
Total Hours	**43,121.50**	
Average Operational Up-time =		**94.56%**

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
Total Gallons Treated To Date:		**90,212,950**

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
October 2007 VOC Analytical Summary

Compound	10/1/2007 Sampling Results				
	Influent Concentration* (ug/L)		Effluent Concentration* (ug/L)		Cleanup Efficiency (%)
Acetone	1.50	U	5.00	U	NA
Benzene	1.00	U	ND(<1.0)	U	NA
2-Butanone	5.00	U	5.00	U	NA
cis-1, 2-Dichloroethene	12.00	U	ND(<1.0)	U	100%
Methylene chloride	1.00	U	ND(<1.0)	U	NA
Methyl tert-butyl ether (MTBE)	9.60	U	ND(<1.0)	U	100%
Tetrachloroethene	1800.00	D	ND(<1.0)	U	100%
Toluene	1.00	U	ND(<1.0)	U	NA
Trichloroethene	43.00	U	ND(<1.0)	U	100%
Total Xylenes	1.00	U	ND(<1.0)	U	NA
October 1, 2007 TOTALs (in ug/L) =	**1875.10**		**0.0**		100%

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.

* (<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[1]	Units	October 1, 2007 Effluent Analytical Values - Compliance
Flow	216,000	gpd	22,316.31 gpd [6]
pH	6.0 - 9.0	standard units	8.3
1,1 Dichloroethene	10	µg/L	1.00
1,2 Dichloroethane	10	µg/L	1.00
Trichloroethene	10	µg/L	1.00
Tetrachloroethene	10	µg/L	1.00
Vinyl Chloride	10	µg/L	1.00
Benzene	5	µg/L	1.00
Ethylbenzene	5	µg/L	1.00
Methylene Chloride	10	µg/L	1.00
1,1,1 Trichloroethane	10	µg/L	1.00
Toluene	5	µg/L	1.00
Methyl-t-Butyl Ether (MTBE)	NA	ug/L	1.00
o-Xylene[3]	5	µg/L	NA
m, p-Xylene[3]	10	µg/L	NA
Total Xylenes	NA	ug/L	1.00
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	490
Cyanide, Free	10	µg/L	NA[9]

NOTES:

1. "Daily Maximum" excerpted from Attachment E of Addendum 1 to the Construction Contract Documents.
2. Analytical report did not differentiate between o-Xylene and m, p-Xylene. Total Xylene value reported is given in each line.
3. Shaded cells indicate that analytical value exceeds the "Daily Maximum"
4. "ND" indicates that the compound was not detected and lists the practical quantitation limit in parentheses.
5. "NA" indicates that analyses were not performed and data is unavailable.
6. Average flows based on effluent readings taken October 1, 2007 through October 30, 2007. Total gallons: 647,173 divided by 29 operating days (696 operating hours).
7. "J" indicates an estimiated 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.

19 **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
Total pounds of VOCs removed since inception =				**1240.98**

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 October 2, 2007:
Pounds of VOCs removed calculated by the following formula:
1978 ug/L - 0.0ug/L)(.8g/10^6 ug)*(1 lb/453.5924 g)*647,173 gallons*(3.785 L/gallon) ~ 10.68 lbs*

where 647,173 gallons is the monthly process water volume.

Attachment A
IEG Weekly Inspection Reports
October 2007

Including:

10/1/07

10/9/07

10/16/07

10/24/07

10/30/07

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

DATE: Oct 1,2007 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen OTHER PERSONNEL: --

WEATHER CONDITIONS: Sunny, warm OUTSIDE TEMPERATURE (° F): 78

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

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON:		OFF: √	8 ft	PW-5	ON: √	OFF:	7	ft
PW-2	ON: √		OFF:	7 ft	PW-6	ON: √	OFF:	5	ft
PW-3	ON: √		OFF:	14 ft	PW-7	ON: √	OFF:	11	ft
PW-4	ON: √		OFF:	6 ft	PW-8	ON:	OFF: √	7	ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 9/10/07 Air Stripper Low Pressure

DID YOU TURN PW-7 ON? (WHILE ON SITE) YES: NO: √ DID YOU TURN PW-7 OFF? YES: NO:

INFLUENT FLOW RATE: 68.94 gpm INFLUENT TOTALIZER READING: 5,977,409.8 gallons

SEQUESTERING AGENT DRUM LEVEL: 3 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 5.1 gallons

SEQUESTERING AGENT FEED RATE: 8.0 ml/min METERING PUMP PRESSURE: 4 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: 5 psi

AIR STRIPPER BLOWER IN USE: #1 #2 √ AIR STRIPPER PRESSURE: 38.0 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: 8.0 psi

EFFLUENT FLOW RATE: 94 gpm EFFLUENT TOTALIZER READING: 39,649,610 | 627430 gallons

ARE BUILDING HEATERS IN USE? YES: NO: √ INSIDE TEMPERATURE (° F): 80.4

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

WATER LEVEL IN SUMP: 9.0 in. TREATMENT BUILDING CLEAN & ORGANIZED? YES: √ NO:

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

SAMPLES COLLECTED? YES: √ NO: _____

	Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Cond.
AIR STRIPPER INFLUENT:	AS Influent	1:00 PM	7.33	5.87	18.7	2569
AIR STRIPPER EFFLUENT:	AS Effluent	1:00 PM	8.51	4.76	19.1	2440

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:

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

Remarks: Sanitary line leak repair by IEG is good.

Other Actions: Put site notebooks in large water resistant plastic tote. Consolidated spare sampling bottles into large cooler.

Placed last REDUX drum in service; 4 empty drums on-site.

Fixed soil vapor riser pipe on west wall of Presbyterian Church building to the extent possible (10/03).

AGWAY

SYSTEM VACUUM: -16 in. H_2O *AIR PRESSURE:* 0 psi

SP-1:	0.0 scfm	4.0 psi		PW-5	0.0 scfm	0.0 psi	
SP-2:	0.0 scfm	0.0 psi		PW-6	0.0 scfm	0.0 psi	
SP-3:	0.0 scfm	0.0 psi		PW-7	0.0 scfm	0.0 psi	
SP-4:	0.0 scfm	0.0 psi		PW-8	0.0 scfm	0.0 psi	

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

Remarks: Compressor was not running and was cool to the touch on 10/1; repaired compressor on 10/3.

A/W separator drum appears to be leaking in the bottom; will be checked and leak caulked to the extent possible.

Other Actions: Put padlock on outside electric box. Replaced shed padlock with one that is keyed the same as new electric box padlock. Installed rubber shims under SVE barrel to quiet vibration noise. Leveled Agway shed.

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

Date: 1-Oct-07 **Measurements taken by:** R. Allen

RW-1	18.93 ft	Comments:	
PZ-1A	ft	Comments:	Car on well
PZ-1B	12.60 ft	Comments:	
PZ-1C	13.72 ft	Comments:	
PZ-1D	13.87 ft	Comments:	
PW-2	23.15 ft	Comments:	
PZ-2A	12.21 ft	Comments:	
PZ-2B	12.71 ft	Comments:	
PZ-2C	12.17 ft	Comments:	
PZ-2D	ft	Comments:	Cannot locate
PW-3	12.98 ft	Comments:	
PZ-3A	12.87 ft	Comments:	
PZ-3B	12.95 ft	Comments:	
PZ-3C	13.42 ft	Comments:	
PZ-3D	12.92 ft	Comments:	
PW-4	23.83 ft	Comments:	
PZ-4A	12.73 ft	Comments:	
PZ-4B	12.35 ft	Comments:	
PZ-4C	12.51 ft	Comments:	
PZ-4D	11.93 ft	Comments:	

PW-5	22.16 ft	Comments:	
PZ-5A	11.72 ft	Comments:	
PZ-5B	12.19 ft	Comments:	
PZ-5C	11.78 ft	Comments:	
PZ-5D	12.48 ft	Comments:	
PW-6	21.45 ft	Comments:	
PZ-6A	12.90 ft	Comments:	
PZ-6B	12.73 ft	Comments:	
PZ-6C	12.98 ft	Comments:	
PZ-6D	12.64 ft	Comments:	Shown as RW-1 on map
PW-7	15.52 ft	Comments:	
MPI-6S	12.45 ft	Comments:	
PZ-7B	12.69 ft	Comments:	
OW-B	12.54 ft	Comments:	
PZ-7D	12.30 ft	Comments:	
PW-8	20.17 ft	Comments:	
PZ-8A	9.46 ft	Comments:	
PZ-8B	9.37 ft	Comments:	
PZ-8C	8.98 ft	Comments:	
PZ-8D	9.33 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 CLEANERS OM&M

STATUS OF OM&M ACTIVITIES BY IEG - as of 10/03/07

ACTIVITY	DESCRIPTION	COMPLETION STATUS	
		YES	NO
Repair Compressor	Compressor stopped working. Arranged for contractor to repair a short in the wiring and a switch.	√	
Repair Vacuum Blower Motor	The vacuum blower motor in the Agway Shed had bearing problems. Motor was taken to business for repair and later reinstalled.	√	
Replace Compressor Bolts	Moved compressor in shed back to original position and installed larger bolts to replace the originals that were stripped out.	√	
Repair Leak in Sanitary Line	The sanitary line in the Treatment Room leaked down onto the floor. Arranged for the Building Maintenance person to repair leak.	√	
Replace MW Cover Bolts	Replace missing MW cover bolts (where possible) with new ones that are slightly longer. Clean threads on ring tabs before installing new bolts.		√
Add Ventilation to Agway Shed	Agway Shed presently has only (2) small vents. During warm weather heat from both the compressor and the vacuum blower motor builds up inside the shed. (4) more vents should be installed to enable the equipment to run cooler. The vents are on order.		√
Secure Agway Shed Electric Box	A padlock should be installed on the electric box outside the shed to reduce the possibility of tampering.	√	
Level Agway Shed	The shed is off level. It can be pried into position with levers and shimmed.	√	
Repair Damaged MW	MW-14B was damaged and contaminated during the road construction on Fillmore Ave. The cover is missing. The well could be abandoned and patched over with asphalt or the top cover/ring could be replaced so that it is level with the present road surface.		√
Service Compressor	Oil and possibly an air filter should be changed on the compressor. Will call manufacturer to find out about this maintenance.		√
Effluent Meter Repair	The cover of the effluent meter is badly scratched. Will attempt to buff out the scratches. If that fails a new cover can be installed.		√
SV System Riser Pipe Repair	Riser pipe on west side of First Presbyterian building is loose. Reattached loose bracket with one screw due to limited access through window; tightened screw on lower bracket. Ladder was not safe; will need a manlift to attached second screw.		√
Make NYSDEC Sign	Metal sign to be installed on Treatment Room door. A sign business is making the sign. Upon completion we will install it.		√

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

DATE: 9-Oct-07 ACTIVITIES: Site Inspection

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

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

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

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON:		OFF: √	5 ft	PW-5	ON: √		OFF:	7 ft
PW-2	ON:		OFF: √	6 ft	PW-6	ON:		OFF: √	6 ft
PW-3	ON: √		OFF:	14 ft	PW-7	ON: √		OFF:	11 ft
PW-4	ON: √		OFF:	6 ft	PW-8	ON:		OFF: √	7 ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 9/10/06 Air Stripper Low Level

DID YOU TURN PW-7 ON? (WHILE ON SITE) YES: NO: √ DID YOU TURN PW-7 OFF? YES: NO:

INFLUENT FLOW RATE: 9.7 gpm INFLUENT TOTALIZER READING: 6,253,333.2 gallons

SEQUESTERING AGENT DRUM LEVEL: 23 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 39.1 gallons

SEQUESTERING AGENT FEED RATE: 7.0 ml/min METERING PUMP PRESSURE: 4 psi

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

INFLUENT FEED PUMP IN USE: #1 √ #2 INFLUENT PUMP PRESSURE: 5 psi

AIR STRIPPER BLOWER IN USE: #1 #2 √ AIR STRIPPER PRESSURE: 39.0 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: 9.0 psi

EFFLUENT FLOW RATE: 94 gpm EFFLUENT TOTALIZER READING: 39,830,170 | 809120 gallons

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

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

WATER LEVEL IN SUMP: 9.0 in. TREATMENT BUILDING CLEAN & ORGANIZED? YES: √ NO:

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

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:

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

Remarks: Water on frame below bag filters. Water drops below each pipe joint on either side of bag filters. Water drops below T pipe just before bag filters.

Other Actions: Polished effluent meter with plastic polishing compound. Cover is deeply scratched and appears to have also been damaged by a chemical. Buffing did improve the clarity of the cover but did not bring it back to new condition. I suspect that more time buffing would produce more clarity in the cover.

AGWAY

SYSTEM VACUUM: -19 in. H_2O *AIR PRESSURE:* 85 psi

SP-1:	0.0 scfm	5.0 psi		PW-5	0.0 scfm	28.0 psi	
SP-2:	0.0 scfm	3.0 psi		PW-6	4.0 scfm	18.0 psi	
SP-3:	0.0 scfm	2.5 psi		PW-7	2.2 scfm	14.0 psi	
SP-4:	0.0 scfm	3.0 psi		PW-8	0.0 scfm	30< psi	

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

Remarks: Compressor filter should be cleaned. Compressor oil should be changed. Need new O ring for SVE pipe joint.

Other Actions: Dismantled SVE vacuum barrel. It has been previously repaired with silicone caulk near the bottom drain fitting. The barrel was leaking in this area so it was resealed with silicone. Recommend new barrel.

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

DATE: 16-Oct-07 ACTIVITIES: Site Inspection

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

WEATHER CONDITIONS: Sunny, cool OUTSIDE TEMPERATURE (°F): 58

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

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON:	OFF: √	5 ft	PW-5	ON: √	OFF:	9 ft		
PW-2	ON:	OFF: √	6 ft	PW-6	ON:	OFF: √	3 ft		
PW-3	ON: √	OFF:	13 ft	PW-7	ON: √	OFF:	11 ft		
PW-4	ON: √	OFF:	3 ft	PW-8	ON:	OFF: √	6 ft		

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 9/10/07 Air Stripper Low Pressure

DID YOU TURN PW-7 ON? (WHILE ON SITE) YES: NO: √ DID YOU TURN PW-7 OFF? YES: NO:

INFLUENT FLOW RATE: 3.89 gpm INFLUENT TOTALIZER READING: 6,489,068.1 gallons

SEQUESTERING AGENT DRUM LEVEL: 16 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 27.2 gallons

SEQUESTERING AGENT FEED RATE: 8.0 ml/min METERING PUMP PRESSURE: 4 psi

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

INFLUENT FEED PUMP IN USE: #1 √ #2 INFLUENT PUMP PRESSURE: 5 psi

AIR STRIPPER BLOWER IN USE: #1 #2 √ AIR STRIPPER PRESSURE: 39.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.35 in. H_2O DISCHARGE PRESSURE: 1.0 in. H_2O

EFFLUENT PUMP IN USE: #1 √ #2 EFFLUENT FEED PUMP PRESSURE: 9.5 psi

EFFLUENT FLOW RATE: 92 gpm EFFLUENT TOTALIZER READING: 39,986,560 | 966070 gallons

ARE BUILDING HEATERS IN USE? YES: NO: √ INSIDE TEMPERATURE (°F): 70.1

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

WATER LEVEL IN SUMP: 9.5 in. TREATMENT BUILDING CLEAN & ORGANIZED? YES: √ NO:

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

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:

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

Remarks: Turned redux pump down slightly to 2.20 / 1.0 to bring rate down to 6 ml/min

Other Actions: Washed outsides of spare sample bottles that were left in the Treatment Room, and put them in a cooler. Attached small effluent meter to treated water pipe. Put up calender.

AGWAY

SYSTEM VACUUM: -19 in. H_2O *AIR PRESSURE:* 97 psi

SP-1:	0.0 scfm	4.9 psi		PW-5	0.0 scfm	1.0 psi	
SP-2:	0.0 scfm	3.9 psi		PW-6	0.0 scfm	2.2 psi	
SP-3:	0.0 scfm	2.4 psi		PW-7	0.0 scfm	3.0 psi	
SP-4:	0.0 scfm	3.0 psi		PW-8	0.0 scfm	2.9 psi	

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

Remarks: No water leaks present on SVE vacuum barrel. Bracket on SVE pipe at Presbyterian School is secured.

Other Actions:

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

DATE: 24-Oct-07 ACTIVITIES: Site Inspection

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

WEATHER CONDITIONS: Partly cloudy, cool OUTSIDE TEMPERATURE (° F): 51

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

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON:		OFF: √	4 ft	PW-5	ON: √		OFF:	10 ft
PW-2	ON:		OFF: √	5 ft	PW-6	ON:		OFF: √	7 ft
PW-3	ON: √		OFF:	14 ft	PW-7	ON: √		OFF:	11 ft
PW-4	ON:		OFF:	5 ft	PW-8	ON: √		OFF:	5 ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 9/10/07 AS Low Level

DID YOU TURN PW-7 ON? (WHILE ON SITE) YES: NO: √ DID YOU TURN PW-7 OFF? YES: NO: √

INFLUENT FLOW RATE: 73.1 gpm INFLUENT TOTALIZER READING: 6,754,685.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 7 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 11.9 gallons

SEQUESTERING AGENT FEED RATE: 8.0 ml/min METERING PUMP PRESSURE: 4 psi

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

INFLUENT FEED PUMP IN USE: #1 √ #2 INFLUENT PUMP PRESSURE: 28 psi

AIR STRIPPER BLOWER IN USE: #1 #2 √ AIR STRIPPER PRESSURE: 40.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.03 in. H_2O DISCHARGE PRESSURE: 0.9 in. H_2O

EFFLUENT PUMP IN USE: #1 √ #2 EFFLUENT FEED PUMP PRESSURE: 9.8 psi

EFFLUENT FLOW RATE: 94 gpm EFFLUENT TOTALIZER READING: 40,163,280 | 143840 gallons

ARE BUILDING HEATERS IN USE? YES: NO: √ INSIDE TEMPERATURE (° F): 68.6

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

WATER LEVEL IN SUMP: 9.5 in. TREATMENT BUILDING CLEAN & ORGANIZED? YES: √ NO:

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

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:

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

Remarks: Sequestering Agent feed rate - changed from 2.20 to 2.10 on left dial; right dial remains at 1.0

Other Actions: Installed NYSDEC sign on Treatment Room main door. Existing "Danger - High Voltage" decal had to be removed to make room for NYSDEC sign. Another decal is being made for the door.

Covered MW-14 B with asphalt patch.

AGWAY

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

SP-1:	0.0	scfm 11.5	psi	PW-5	0.0	scfm 0.0	psi
SP-2:	0.0	scfm 5.0	psi	PW-6	0.0	scfm 0.0	psi
SP-3:	0.0	scfm 7.8	psi	PW-7	0.0	scfm 2.0	psi
SP-4:	0.0	scfm 9.6	psi	PW-8	0.0	scfm 1.7	psi

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

Remarks: Compressor running continuously for 10 minutes during inspection. SVE vacuum barrel is dry where repair was made. Vacuum readings are a little higher since repairs to motor and barrel.

Other Actions: Ordered oil for air compressor from CarQuest.

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

DATE: 30-Oct-07 ACTIVITIES: Site Inspection

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

WEATHER CONDITIONS: Sunny, cool OUTSIDE TEMPERATURE (°F): 44

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

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON:		OFF: √	10 ft	PW-5	ON: √	OFF:	10	ft
PW-2	ON:		OFF: √	5 ft	PW-6	ON:	OFF: √	3	ft
PW-3	ON: √		OFF:	14 ft	PW-7	ON: √	OFF:	11	ft
PW-4	ON: √		OFF:	7 ft	PW-8	ON: √	OFF:	4	ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 9/10/07 Air Stripper Low Level

DID YOU TURN PW-7 ON? (WHILE ON SITE) YES: NO: √ DID YOU TURN PW-7 OFF? YES: NO: √

INFLUENT FLOW RATE: 15.35 gpm INFLUENT TOTALIZER READING: 6,956,347.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 1 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 1.7 gallons

SEQUESTERING AGENT FEED RATE: 5.0 ml/min METERING PUMP PRESSURE: 4 psi

BAG FILTER PRESSURES:	Top	Bottom		Top	Bottom	
LEFT:	0	0	psi	RIGHT: 8	0	psi

INFLUENT FEED PUMP IN USE: #1 √ #2 INFLUENT PUMP PRESSURE: 28 psi

AIR STRIPPER BLOWER IN USE: #1 #2 √ AIR STRIPPER PRESSURE: 41.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.03 in. H_2O DISCHARGE PRESSURE: 0.8 in. H_2O

EFFLUENT PUMP IN USE: #1 √ #2 EFFLUENT FEED PUMP PRESSURE: 10.0 psi

EFFLUENT FLOW RATE: 90 gpm EFFLUENT TOTALIZER READING: 40,296,783 | 277780 gallons

ARE BUILDING HEATERS IN USE? YES: NO: √ INSIDE TEMPERATURE (°F): 63.9

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

WATER LEVEL IN SUMP: 10.0 in. TREATMENT BUILDING CLEAN & ORGANIZED? YES: √ NO:

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

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:

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

Remarks: (2) new drums of redux arrived on Oct 25. Redux pump pickup changed to new drum. Pump settings: Left 2.5; Right 1.2. Inspected inside of Air Stripper. It appears to be operating cleanly.

Other Actions: Installed "Danger High Voltage" sticker on main door. Found business that will recycle empty redux drums (Harbison Bros., Inc) - will clean drums and dispose next week. Reset Verbatim Auto Dialer. New call order is: 1) D. Iyer, 2) R. Allen, 3) D. Iyer, 4) E&E, 5) R. Allen

AGWAY

SYSTEM VACUUM: -20 in. H_2O *AIR PRESSURE:* 115 psi

SP-1:	0.0 scfm	5.0 psi		PW-5	0.0 scfm	0.0 psi	
SP-2:	0.0 scfm	3.0 psi		PW-6	0.0 scfm	0.0 psi	
SP-3:	0.0 scfm	2.5 psi		PW-7	0.0 scfm	0.0 psi	
SP-4:	0.0 scfm	3.0 psi		PW-8	0.0 scfm	0.0 psi	

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

Remarks: No readings on any of the SP or PW gauges

Other Actions:

Attachment B
Analytical Report from
Mitkem Corporation

Analytical Data Package/SDG: #F1244
Sampled: October 1, 2007

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

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

Mitkem Work Order ID: F1417

October 22, 2007

Prepared For:

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

Prepared By:

Mitkem Corporation
175 Metro Center Boulevard
Warwick, RI 02886
(401) 732-3400

SDG Narrative

Mitkem Corporation 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 three aqueous samples that were received on October 2, 2007. 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 (2000update) 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 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 V8: OI Analytical #10 trap containing 8 cm each of Tenax, silica gel and carbon molecular sieve.

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

Aqueous samples were hydrochloric acid preserved, pH <2.

Surrogate recovery: recoveries were within the QC limits.

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

Sample analysis: due to high concentration of target analytes, sample INFLUENT DL was re-analyzed at 20x dilution. No other unusual observation was made for this analysis.

2. Wet Chemistry Analyses:

Duplicate: duplicate analysis was performed on sample INFLUENT for pH. 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
10/22/07

*Mitkem and Client Sample ID Summary Report**

Mitkem Workorder: F1417

Client Name: Ecology and Environm

Mitkem Sample ID	*Reported Client Sample ID*	*Full Client Sample ID*
F1417-01A	INFLUENT	AS-INFLUENT
F1417-01B	INFLUENT	AS-INFLUENT
F1417-01C	INFLUENT	AS-INFLUENT
F1417-02A	EFFLUENT	AS-EFFLUENT
F1417-02B	EFFLUENT	AS-EFFLUENT
F1417-02C	EFFLUENT	AS-EFFLUENT
F1417-03A	TRIPBLANK	TRIP BLANK

** If client sample ID has not been truncated, the full client sample ID is listed in the column labeled "Reported Client Sample ID"*

Mitkem Corporation

02/Oct/07 16:01

WorkOrder: F1417

Client ID: ENE
Project: Mr. C's Dry Cleaning
Location: 002700.DC13.02.01.02
Comments: 1 ppb ICAL for VOA. Run Influent sample by 10 X dilution, low result in effluent expected. report thru LIMS.

Case:
SDG:
PO: 002700.DC13.02.01.02

Report Level: ASP-A
EDD: ENE
HC Due: 10/19/07
Fax Due:

Sample ID	HS Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
F1417-01A	INFLUENT	10/01/2007 0:00	10/02/2007	Aqueous	SW8260B_W	OLM_VOA,	☐	☐	☑	VOA
F1417-01B	INFLUENT	10/01/2007 0:00	10/02/2007	Aqueous	SM2340_W		☐	☐	☐	M4
F1417-01C	INFLUENT	10/01/2007 0:00	10/02/2007	Aqueous	SM4500_H+		☐	☐	☐	E3
F1417-02A	EFFLUENT	10/01/2007 0:00	10/02/2007	Aqueous	SW8260B_W	OLM_VOA,	☐	☐	☑	VOA
F1417-02B	EFFLUENT	10/01/2007 0:00	10/02/2007	Aqueous	SM2340_W		☐	☐	☐	M4
F1417-02C	EFFLUENT	10/01/2007 0:00	10/02/2007	Aqueous	SM4500_H+		☐	☐	☐	E3
F1417-03A	TRIPBLANK	10/01/2007 0:00	10/02/2007	Aqueous	SW8260B_W	OLM_VOA,	☐	☐	☑	VOA

Client Rep: Shirley S Ng

Sample Transmittal Documentation

MITKEM CORPORATION
175 Metro Center Boulevard
Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
email: mitkem@mitkem.com

CHAIN-OF-CUSTODY RECORD

Page ____ of ____

SDG F1417 12/2/17

REPORT TO		INVOICE TO		
COMPANY E & E, Inc	PHONE (716) 684-8060	COMPANY Same	PHONE	LAB PROJECT #: E1096
NAME Mike Steffan	FAX (716) 684-0844	NAME	FAX	
ADDRESS 368 Pleasantview Dr.		ADDRESS		TURNAROUND TIME:
CITY/ST/ZIP Lancaster, NY 14086		CITY/ST/ZIP		

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
Mr C's O M&M	00270.DC02	

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES: VOC	pH	Hardness	COMMENTS
AS Influent	10/1 /			✓			01	4	✓	✓	✓	
	/											
AS Effluent	10/1 /			✓			02	4	✓	✓	✓	
	/											
Trip Blank	/			✓			03	2	✓			
	/											
	/											
	/											
	/											
	/											
	/											
	/											

TSP#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
	Richard C. Allen, Jr	10/1 / 7:00P	Veronica Gardner	10/02/17 8:45		4°C
		/		/		
		/		/		

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

J2000

MITKEM CORPORATION

Sample Condition Form

Received By: UEG | Reviewed By: KP | Date: 10/02/07 | MITKEM Workorder #: F1417

Client Project: Mr. C Compliance | Client: ENE

1) Cooler Sealed (Yes) / No

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

3) Custody Seal Number(s) WIA

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

5) Cooler Temperature 4°C
Coolant Condition ICE

6) Airbill(s) (Present) / Absent
Airbill Number(s) FedEx
8Cp1G 4719 6199

7) Sample Bottles (Intact)/Broken/Leaking

8) Date Received 10/02/07

9) Time Received 8:45

Preservative Name/Lot No:

Lab Sample ID		Preservation (pH) HNO_3	H_2SO_4	HCl	NaOH	VOA Matrix	Soil Headspace or Air Bubbles ≥ 1/4"
F1417	01	<2				H	
F1417	02	<2				H	
F1417	03					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

SampleCond.Form-non-CLP.xls9/28/2007

MITKEM CORPORATION

* Volatiles *

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

INFLUENT

Lab Name: Mitkem Corporation | Contract:

Lab Code: MITKEM | Case No.: | SAS No.: | SDG No.: MF1417

Matrix: (soil/water) WATER | Lab Sample ID: F1417-01A

Sample wt/vol: 5 (G/ML) ML | Lab File ID: V8A0579.D

Level: (low/med) LOW | Date Received: 10/02/2007

% Moisture: not dec. | Date Analyzed: 10/02/2007

GC Column: DB-624 ID: 0.25 (mm) | Dilution Factor: 1.00

Soil Extract Volume: (µL) | Soil Aliquot Volume: (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/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	1.2	
1634-04-4	Methyl tert-butyl ether	9.6	
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	12	
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	43	
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	1900	E
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	1.0	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

INFLUENT

Lab Name: Mitkem Corporation Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1417

Matrix: (soil/water) WATER Lab Sample ID: F1417-01A

Sample wt/vol: 5 (G/ML) ML Lab File ID: V8A0579.D

Level: (low/med) LOW Date Received: 10/02/2007

% Moisture: not dec. Date Analyzed: 10/02/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µL) Soil Aliquot Volume: (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
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
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

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

INFLUENT

Lab Name: Mitkem Corporation Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1417

Matrix: (soil/water) WATER Lab Sample ID: F1417-01A

Sample wt/vol: 5 (G/ML) ML Lab File ID: V8A0579.D

Level: (low/med) LOW Date Received: 10/02/2007

% Moisture: not dec. Date Analyzed: 10/02/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µL) Soil Aliquot Volume: 0 (µL)

Number TICs found: 0

CONCENTRATION UNITS: UG/L

CAS NO.	COMPOUND	RT	ESTIMATED CONCENTRATION	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

INFLUENTDL

Lab Name: Mitkem Corporation | Contract:

Lab Code: MITKEM | Case No.: | SAS No.: | SDG No.: MF1417

Matrix: (soil/water) WATER | Lab Sample ID: F1417-01ADL

Sample wt/vol: 5 (G/ML) ML | Lab File ID: V8A0640.D

Level: (low/med) LOW | Date Received: 10/02/2007

% Moisture: not dec. | Date Analyzed: 10/04/2007

GC Column: DB-624 | ID: 0.25 (mm) | Dilution Factor: 20.00

Soil Extract Volume: (µL) | Soil Aliquot Volume: (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	20	U
74-87-3	Chloromethane	20	U
75-01-4	Vinyl chloride	20	U
74-83-9	Bromomethane	20	U
75-00-3	Chloroethane	20	U
75-69-4	Trichlorofluoromethane	20	U
75-35-4	1,1-Dichloroethene	20	U
67-64-1	Acetone	100	U
75-15-0	Carbon disulfide	20	U
75-09-2	Methylene chloride	20	U
156-60-5	trans-1,2-Dichloroethene	20	U
1634-04-4	Methyl tert-butyl ether	20	U
75-34-3	1,1-Dichloroethane	20	U
78-93-3	2-Butanone	100	U
156-59-2	cis-1,2-Dichloroethene	20	U
67-66-3	Chloroform	20	U
71-55-6	1,1,1-Trichloroethane	20	U
56-23-5	Carbon tetrachloride	20	U
107-06-2	1,2-Dichloroethane	20	U
71-43-2	Benzene	20	U
79-01-6	Trichloroethene	57	D
78-87-5	1,2-Dichloropropane	20	U
75-27-4	Bromodichloromethane	20	U
10061-01-5	cis-1,3-Dichloropropene	20	U
108-10-1	4-Methyl-2-pentanone	100	U
108-88-3	Toluene	20	U
10061-02-6	trans-1,3-Dichloropropene	20	U
79-00-5	1,1,2-Trichloroethane	20	U
127-18-4	Tetrachloroethene	1800	D
591-78-6	2-Hexanone	100	U
124-48-1	Dibromochloromethane	20	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

INFLUENTDL

Lab Name: Mitkem Corporation | Contract:

Lab Code: MITKEM | Case No.: | SAS No.: | SDG No.: MF1417

Matrix: (soil/water) WATER | Lab Sample ID: F1417-01ADL

Sample wt/vol: 5 (G/ML) ML | Lab File ID: V8A0640.D

Level: (low/med) LOW | Date Received: 10/02/2007

% Moisture: not dec. | Date Analyzed: 10/04/2007

GC Column: DB-624 | ID: 0.25 (mm) | Dilution Factor: 20.00

Soil Extract Volume: (µL) | Soil Aliquot Volume: (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
106-93-4	1,2-Dibromoethane	20	U
108-90-7	Chlorobenzene	20	U
100-41-4	Ethylbenzene	20	U
1330-20-7	Xylene (Total)	20	U
100-42-5	Styrene	20	U
75-25-2	Bromoform	20	U
98-82-8	Isopropylbenzene	20	U
79-34-5	1,1,2,2-Tetrachloroethane	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
95-50-1	1,2-Dichlorobenzene	20	U
96-12-8	1,2-Dibromo-3-chloropropane	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20	U
110-82-7	Cyclohexane	20	U
79-20-9	Methyl acetate	20	U
108-87-2	Methylcyclohexane	20	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

INFLUENTDL

Lab Name: Mitkem Corporation | Contract:

Lab Code: MITKEM | Case No.: | SAS No.: | SDG No.: MF1417

Matrix: (soil/water) WATER | Lab Sample ID: F1417-01ADL

Sample wt/vol: 5 (G/ML) ML | Lab File ID: V8A0640.D

Level: (low/med) LOW | Date Received: 10/02/2007

% Moisture: not dec. | Date Analyzed: 10/04/2007

GC Column: DB-624 | ID: 0.25 (mm) | Dilution Factor: 20.00

Soil Extract Volume: (µL) | Soil Aliquot Volume: 0 (µL)

Number TICs found: 0

CONCENTRATION UNITS: UG/L

CAS NO.	COMPOUND	RT	ESTIMATED CONCENTRATION	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EFFLUENT

Lab Name: Mitkem Corporation Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1417

Matrix: (soil/water) WATER Lab Sample ID: F1417-02A

Sample wt/vol: 5 (G/ML) ML Lab File ID: V8A0639.D

Level: (low/med) LOW Date Received: 10/02/2007

% Moisture: not dec. Date Analyzed: 10/04/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µL) Soil Aliquot Volume: (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EFFLUENT

Lab Name: Mitkem Corporation | Contract:

Lab Code: MITKEM | Case No.: | SAS No.: | SDG No.: MF1417

Matrix: (soil/water) WATER | Lab Sample ID: F1417-02A

Sample wt/vol: 5 (G/ML) ML | Lab File ID: V8A0639.D

Level: (low/med) LOW | Date Received: 10/02/2007

% Moisture: not dec. | Date Analyzed: 10/04/2007

GC Column: DB-624 | ID: 0.25 (mm) | Dilution Factor: 1.00

Soil Extract Volume: (µL) | Soil Aliquot Volume: (µL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
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
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

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EFFLUENT

Lab Name: Mitkem Corporation Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1417

Matrix: (soil/water) WATER Lab Sample ID: F1417-02A

Sample wt/vol: 5 (G/ML) ML Lab File ID: V8A0639.D

Level: (low/med) LOW Date Received: 10/02/2007

% Moisture: not dec. Date Analyzed: 10/04/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µL) Soil Aliquot Volume: 0 (µL)

Number TICs found: 0

CONCENTRATION UNITS: UG/L

CAS NO.	COMPOUND	RT	ESTIMATED CONCENTRATION	Q

MITKEM CORPORATION

* Wet Chemistry *

Mitkem Corporation

Date: *15-Oct-07*

Client: Ecology and Environment
Client Sample ID: INFLUENT
Lab ID: F1417-01

Project: Mr. C's Dry Cleaning
Collection Date: 10/01/07 0:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
HARDNESS by Calculation				**SM2340_W**			
Hardness, Ca/Mg (As CaCO3)	480		4.0	mg/L CaCO3	1	10/10/2007 11:53	32671
pH VALUE				**SM4500_H+**			
pH	7.1		1.0	S.U.	1	10/02/2007 12:00	R24310

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 Corporation

Date: *15-Oct-07*

Client: Ecology and Environment
Client Sample ID: EFFLUENT
Lab ID: F1417-02

Project: Mr. C's Dry Cleaning
Collection Date: 10/01/07 0:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
HARDNESS by Calculation				**SM2340_W**			
Hardness, Ca/Mg (As CaCO3)	490		4.0	mg/L CaCO3	1	10/10/2007 11:56	32671
pH VALUE				**SM4500_H+**			
pH	8.3		1.0	S.U.	1	10/02/2007 12:00	R24310

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

Attachment C
Summary of Site Utility Costs and Projections
April 2007 to October 2007

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

October 2007 Report

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

Gas and Electric

Utility Provider	Account #	E&E Cost Center	Description	May-2007	Jun-2007	Jul-2007	Aug-2007	Sep-2007	Oct-2007	Nov-2007	Dec-2007	
New York State E&G	06-311-11-002616-26	002700.DC13.02.01	Mr. C's Electric Costs	$ 1,560.80	$ 1,342.24	$ 1,295.51	$ 1,199.44	$ 929.13				
New York State E&G	76-311-11-015900-18		Agway Site - Electric	$189.80	$613.49	$538.92	$174.13	$135.30				
National Fuel Gas	5819628-05	002700.DC13.02.01	Mr. C's Natural Gas Costs	$ 66.14	$ -	$ -	-		$ 17.87			
			Totals	**$ 1,816.74**	**$ 1,955.73**	**$ 1,834.43**	**$ 1,373.57**	**$ 1,064.43**	**$ 17.87**	**$ -**	**$ -**	

	Jan-2008	Feb-2008	Mar-2008	Apr-2008	Ave. /Month
Mr. C's Electric Costs					$ 1,265.42
Agway Electric					$ 330.33
Mr. C's Natural Gas Costs					$ 42.01
Totals	**$0.00**	**$ -**	**$ -**	**$ -**	**$0.00** **$ 1,637.76**

Electric	$ 7,130.41
Natural Gas	$ 66.14

Overbilled natural gas costs - no charges

Grand Total - NYSE&G/National Fuel Gas Costs To Date **$ 6,267.42**

Estimated Reading

Phone

Utility Provider	Phone #	E&E Cost Center	Location Description	May-2007	Jun-2007	Jul-2007	Aug-2007	Sep-2007	Oct-2007	Nov-2007	Dec-2007	
Verizon	716-652-0094	002700.DC13.02.01	Mr. C's Telephone Costs	$ 44.89	$ 44.98	$ 46.71	$ 55.95	$ 56.19				
Account#												
716 652 0094 416 26 2												

	Jan-2008	Feb-2008	Mar-2008	Apr-2008	Ave./Month
					$ 49.74

Grand Total - Verizon Costs to Date **$ 248.72**

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

Grand Total All Utilities To Date **$ 6,459.95**

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

NYSDEC Work Assignment #DC13

12 Months of System Operation and Maintenance

October 2007 Report

ATTACHMENT C

Budget Remaining:		
Electric:	$18,669.59	
Telephone:	$291.28	
Gas	$653.86	
Total:	$20,600.05	

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%	
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%	19.9%	
September-07	816	816	100.00%	21.0%	Dry month
October-07	696	696	100.00%	19.9%	Dry month
Totals to Date	**35500**	**34757**	**97.91%**		Based on OM services provided by EEEPC/OMEI 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.

The system is a batch process and is dependent on the level of groundwater to the level controls of each groundwater pump.

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

ATTACHMENT C

NYSDEC Work Assignment #DC13

12 Months of System Operation and Maintenance

October 2007 Report

Mr. C's Electric	$	1,265.42											
Agway Electric	$	330.33											
Mr. C's Gas	$	42.01											
Mr. C's Telephone	$	49.74											
Ave. Utility Cost Total	$	1,687.50	times	12 month Estimate	$21,937.51								