copy D. Szymanski

ecology and environment engineering, p.c.

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September 10, 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
August 2007 Operations, Maintenance, and Monitoring Report

Dear Mr. Welling:

Ecology and Environment Engineering, P.C. (EEEPC) is pleased to provide the August 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 subcontractors O&M Enterprises, Inc. (OMEI) and Iyer Environmental Group, PLLC (IEG) are provided in Attachment A. Selected pages from the individual analytical data package prepared by Severn - Trent Laboratories (STL) is 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 August 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 7/25/07 and 8/28/07. 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 August 2007 indicate that approximately 899,340 gallons of groundwater were processed through the treatment system for the period 7/25/07 and 8/28/07. Table 2 provides a summary of groundwater volume treated since system start-up. Historical volumes are based on totalizer readings provided by the O&M subcontractor's weekly inspection forms.
- Filters in the influent bag filter units were checked but not replaced during August 2007. Filter gauge pressure readings observed during weekly inspections were approximately 5 psi; well within the 15 psi range indicated in the system O&M Manual.

- Checklists for weekly system inspections from IEG are provided as Attachment A for 7/24/07, 8/6/07, 8/14/07, 8/20/07 and 8/28/07. Weekly system checks indicated that the air stripper differential pressure remained between 0.05 and 1.0 inches of water with air stripper pressure between 22.5 and 33 inches of water during the month of August 2007.
- The feed rate for the sequestering agent was adjusted weekly between 3.0 and 13 ml/min, based on lack of visual observations of mineral deposits on the stripping trays. After consultation with the sequestering agent supplier, the feed rate is currently set at 5ml/min, which is being closely monitored by EEEPC and IEG personnel. Visual inspection of the stripper trays will be performed weekly by IEG during future inspections.
- The analytical results from compliance sampling performed on August 14, 2007 (Attachment B) were received by EEEPC on September 5, 2007. A review of the data revealed a PCE effluent level of 10 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. Mitkem Laboratories 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 levels closely.
- Pumping Well PW-8 is currently not in operation, as the level probe appears to be indicating an erroneous level. EEEPC and IEG personnel are investigating the status of the well components and will respond with corrective action as required.
- The level transducer in Pumping Well PW-3 was replaced on June 25, 2007. A spare probe has been ordered through the equipment manufacturer – Esterline, Hampton, Virginia.
- EEEPC transitioned O&M services to Iyer Environmental Group LLC, Orchard Park NY and Analytical Services to Mitkem Corporation, Warwick, RI during the week of July 17, 2007.

Agway Site Remedial Information

- All systems continue to be operational at the site.
- IEG began replacement of missing bolts on several of the on-site well caps. In some cases, the threads on the bolt flanges are stripped. Damaged cap threads will be chased and rethreaded if required to insure secure fastening of the well cap.
- The air sparge system compressor remains in normal operation and has been bolted to the treatment shed floor. IEG electrical personnel rewired portions of the power supply system which were corroded.
- The vapor extraction blower drive motor has shown an increase in operational noise. IEG personnel are planning to remove the unit from service temporarily and service the bearings.
- Vents ordered for the treatment shed were delivered the week of September 7, but the retailer sent incorrectly sized units. IEG has notified the vendor of the problem and will secure correctly sized vent units.

The Village of East Aurora DPW has installed a temporary metal cover on Monitoring Well MPI-14B which was damaged during pavement milling operations in August 2007. Status of the well is being evaluated by EEEPC.

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

Analytical Summary – Groundwater

- EEEPC and IEG personnel collected samples of influent and effluent groundwater for the reporting period 7/25/07 to 8/28/07 on August 14, 2007. Overall cleanup efficiency for the August 2007 reporting period was 100.00% based on the August 14, 2007 analytical results. The summary of analytical results for the August 14, 2007 sampling events are presented in Table 3.

The August 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 10.72 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 assumes that non-detect values given in the analytical data package = 0 μg/L and that the monthly samples are indicative of the influent characteristics and system performance for the entire reporting period.

If you have questions regarding the August 2007 O&M report summary submitted, please call me at 716-684-8060.

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

Jeffrey J. Kohler for
Michael G. Steffan
Project Manager

cc: D. Szymanski, Region 9, NYSDEC - Buffalo w/ attachments
D. Iyer, IEG – w/attachments
D. Miller, EEEPC - Buffalo w/ attachments
J. Kohler, EEEPC - Buffalo 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	**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%
Total Hours	**41,609.50**	
Average Operational Up-time =		**94.38%**

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
Until 2005	**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
Total Gallons Treated To Date:		**88,761,357**

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
August 2007 VOC Analytical Summary

Compound	8/14/2007 Sampling Results				
	Influent Concentration* (ug/L)		Effluent Concentration* (ug/L)		Cleanup Efficiency (%)
Acetone	10		ND(<10.0)		NA
Benzene	10		ND(<10.0)		NA
2-Butanone	10		ND(<10.0)		NA
cis-1, 2-Dichloroethene	10		ND(<10.0)		100%
Methylene chloride	10		ND(<10.0)		NA
Methyl tert-butyl ether (MTBE)	8.8	J	ND(<10.0)		100%
Tetrachloroethene	1400		ND(<10.0)		100%
Toluene	10		ND(<10.0)		NA
Trichloroethene	10		ND(<10.0)		100%
Total Xylenes	ND (<60)		ND (<10.0)		NA
Aug 14, 2007 TOTALs (in ug/L) =	**1429**		**0.0**		100%

Notes:
1. "NA" = Not applicable
2. "ND" = Non-detect and lists the 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	August 14, 2007 Effluent Analytical Values - Compliance
Flow	216,000	gpd	27,252.72 gpd [6]
pH	6.0 - 9.0	standard units	7.1
1,1 Dichloroethene	10	µg/L	ND (<1.0)
1,2 Dichloroethane	10	µg/L	ND (<1.0)
Trichloroethene	10	µg/L	ND(<10.0)
Tetrachloroethene	10	µg/L	ND(<10.0)
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 (<3.0)
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	NR
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 July 25, 2007 through August 28, 2007. Total gallons: 899,340 divided by 792 op hours (33 operating days).
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
Total pounds of VOCs removed since inception =				**1218.76**

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 August 14, 2007:
Pounds of VOCs removed calculated by the following formula:
1429 ug/L - 0.0ug/L)(.8g/10^6 ug)*(1 lb/453.5924 g)*899,340 gallons*(3.785 L/gallon) ~ 10.72 lbs*
where 899,340 gallons is the monthly process water volume.

Attachment A
IEG Weekly Inspection Reports
August 2007

Including:

7/24/07

8/6/07

8/14/07

8/20/07

8/28/07

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

DATE: 24-Jul-07 ACTIVITIES: Site Inspection

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

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

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

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: on 6/25/07 for low A.S. pressure

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

INFLUENT FLOW RATE: 61.35 gpm INFLUENT TOTALIZER READING: 3,330,847.2 gallons

SEQUESTERING AGENT DRUM LEVEL: 28 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 47.6 gallons

SEQUESTERING AGENT FEED RATE: 3.0 ml/min METERING PUMP PRESSURE: 4 psi

BAG FILTER PRESSURES:	Top	Bottom		Top	Bottom	
LEFT:	18	0	psi	RIGHT: 18	0	psi

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

AIR STRIPPER BLOWER IN USE: #1 #2 √ AIR STRIPPER PRESSURE: 22.5 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.65 in. H_2O DISCHARGE PRESSURE: 2.5 in. H_2O

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

EFFLUENT FLOW RATE: 60 gpm EFFLUENT TOTALIZER READING: 3,794,585 | 906260 gallons

ARE BUILDING HEATERS IN USE? YES: NO: √ INSIDE TEMPERATURE (°F): 74.8

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

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

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

SAMPLES COLLECTED? YES: _____ NO: √

	Sample ID	Time of Sampling	pH	Turbidity	Temp.
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

Other Actions: 1. Took delivery of two sequestering agent drums on 7/18/07; set up agent feed (settings at 3.5 & 1)

2. Purchased bolts to replace those missing on well covers - will be done next week

AGWAY

SYSTEM VACUUM: -15 in. H_2O *AIR PRESSURE:* 22 psi

SP-1:	0	scfm 26 psi		PW-5	0	scfm 0	psi
SP-2:	3	scfm 6 psi		PW-6	0	scfm 0	psi
SP-3:	3	scfm 5 psi		PW-7	0	scfm 0	psi
SP-4:	0	scfm 25 psi		PW-8	0	scfm 0	psi

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

Remarks: 1. SP - 5 has a defective air pressure guage.

2. Inside of shed is very hot. More vents are needed for the shed - to be discussed with E&E

Other Actions: 1. Purchased bolts to re-bolt air compressor to the floor - work will be done next week

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

DATE: 6-Aug-07 ACTIVITIES: Site Inspection

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

WEATHER CONDITIONS: Cloudy, 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:	3 ft
PW-2	ON:		OFF: √	6 ft	PW-6	ON:		OFF: √	7 ft
PW-3	ON:		OFF: √	6 ft	PW-7	ON: √		OFF:	10 ft
PW-4	ON:		OFF: √	5 ft	PW-8	ON: √		OFF:	6 ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 6/25/07 Air Stripper Low

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

INFLUENT FLOW RATE: 5.66 gpm INFLUENT TOTALIZER READING: 3,855,780 gallons

SEQUESTERING AGENT DRUM LEVEL: 11 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 18 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: 12	0	psi

INFLUENT FEED PUMP IN USE: #1 √ #2 INFLUENT PUMP PRESSURE: 4 psi

AIR STRIPPER BLOWER IN USE: #1 #2 √ AIR STRIPPER PRESSURE: 28 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.06 in. H_2O DISCHARGE PRESSURE: 1.2 in. H_2O

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

EFFLUENT FLOW RATE: 104 gpm EFFLUENT TOTALIZER READING: 3,828,147 | 247060 gallons

ARE BUILDING HEATERS IN USE? YES: NO: √ INSIDE TEMPERATURE (°F): 84.3

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

WATER LEVEL IN SUMP: 8.0 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.
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: Both Bag Filter housings are leaking from the top covers. There are (2) men here from Ecology & Environment doing monitoring well sampling.

Other Actions: D. Iyer met with Will Welling (NYSDEC) and M. Steffan (E&E) to review site work and condition of two wells damaged by the Town's repaving work on Filmore Ave. NYSDEC, E&E and IEG to followup on items discussed.

AGWAY

SYSTEM VACUUM: -15 in. H_2O *AIR PRESSURE:* 0 psi

SP-1:	0	scfm 2.5	psi	PW-5	0	scfm 0	psi
SP-2:	0	scfm 0	psi	PW-6	0	scfm 0	psi
SP-3:	0	scfm 0	psi	PW-7	0	scfm 0	psi
SP-4:	0	scfm 0	psi	PW-8	0	scfm 0	psi

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

Remarks: Shed should have vents added. Shed should be leveled. Compressor should be secured to floor.

Other Actions:

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

DATE: 14-Aug-07 ACTIVITIES: Site Inspection

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

WEATHER CONDITIONS: Sunny, warm OUTSIDE TEMPERATURE (°F): 71

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

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 6/25/07 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: 77.8 gpm INFLUENT TOTALIZER READING: 4,176,916.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 32 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 54.4 gallons

SEQUESTERING AGENT FEED RATE: 6.5 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: 30 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.05 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: 66 gpm EFFLUENT TOTALIZER READING: 3,848,951 | 456540 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: 7 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 Inj	12:50 PM	7.1	4.6	19° C	2550
AIR STRIPPER EFFLUENT:	AS Eff	12:50 PM	8.3	5.7	19° C	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:

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

Remarks: MW-14B on Fillmore Ave is broken from road construction. Temporary metal cover has been put over it by Dept of public works. Many MW bolts are missing or stripped.

Other Actions: Replaced drum of Sequestering Agent

AGWAY

SYSTEM VACUUM: -14 in. H_2O *AIR PRESSURE:* 0 psi

SP-1:	0 scfm	2.5 psi		PW-5	0 scfm	0 psi	
SP-2:	0 scfm	0 psi		PW-6	0 scfm	0 psi	
SP-3:	0 scfm	0 psi		PW-7	0 scfm	0 psi	
SP-4:	0 scfm	0 psi		PW-8	0 scfm	0 psi	

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

Remarks: Compressor is not coming on. It does not feel warm as if it has been running.

Other Actions: Swept out shed and bolted compressor to floor.

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

DATE: 20-Aug-07 ACTIVITIES: Site Inspection

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

WEATHER CONDITIONS: Cloudy, warm OUTSIDE TEMPERATURE (°F): 64

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:	5 ft
PW-2	ON:	OFF: √	7 ft	PW-6	ON:	OFF: √	4 ft
PW-3	ON:	OFF: √	7 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: 6/25/07 Air Stripper Pressure Low

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

INFLUENT FLOW RATE: 5.36 gpm INFLUENT TOTALIZER READING: 4,411,814.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 25 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 42.5 gallons

SEQUESTERING AGENT FEED RATE: 13.0 ml/min METERING PUMP PRESSURE: 4 psi

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

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

AIR STRIPPER BLOWER IN USE: #1 #2 √ AIR STRIPPER PRESSURE: 32 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.05 in. H_2O DISCHARGE PRESSURE: 1.1 in. H_2O

EFFLUENT PUMP IN USE: #1 √ #2 EFFLUENT FEED PUMP PRESSURE: 9.0 psi

EFFLUENT FLOW RATE: 87 gpm EFFLUENT TOTALIZER READING: 3,864,048 | 609540 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: 7.0 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: Sequestering agent feed rate seemed high. Left bag filter guage does not read above 0.

Bag filters leak intermittently.

Other Actions:

Put desk in Treatment Room

AGWAY

SYSTEM VACUUM: -14 in. H_2O *AIR PRESSURE:* 0 psi

SP-1:	0 scfm	0 psi		PW-5	0 scfm	0 psi	
SP-2:	0 scfm	0 psi		PW-6	0 scfm	0 psi	
SP-3:	0 scfm	0 psi		PW-7	0 scfm	0 psi	
SP-4:	0 scfm	0 psi		PW-8	0 scfm	0 psi	

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

Remarks: Compressor not working. Shed should get more vents and be leveled.

Other Actions: IEG will get an electrician to check out the compressor

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

DATE: 28-Aug-07 ACTIVITIES: Site Inspection

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

WEATHER CONDITIONS: Sunny, hot OUTSIDE TEMPERATURE (° F): 80

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:	5 ft		
PW-2	ON:	OFF: √	6 ft	PW-6	ON:	OFF: √	7 ft		
PW-3	ON:	OFF: √	3 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: 6/25/07 Air Stripper Pressure Low

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

INFLUENT FLOW RATE: 77.5 gpm INFLUENT TOTALIZER READING: 4,728,788.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 12 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 20.4 gallons

SEQUESTERING AGENT FEED RATE: 10.0 ml/min METERING PUMP PRESSURE: 3 psi

BAG FILTER PRESSURES:	Top	Bottom		Top	Bottom	
LEFT:	0	0	psi	RIGHT: 9	0	psi

INFLUENT FEED PUMP IN USE: #1 √ #2 INFLUENT PUMP PRESSURE: 29 psi

AIR STRIPPER BLOWER IN USE: #1 #2 √ AIR STRIPPER PRESSURE: 33 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.05 in. H_2O DISCHARGE PRESSURE: 1 in. H_2O

EFFLUENT PUMP IN USE: #1 √ #2 EFFLUENT FEED PUMP PRESSURE: 9.0 psi

EFFLUENT FLOW RATE: 90 gpm EFFLUENT TOTALIZER READING: 3,884,519 816430 gallons

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

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

WATER LEVEL IN SUMP: 7 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: Bag filters have water underneath them from previous leaks. Left bag filter gauge never reads above "0".

Ordered 2 55-gallon drums of Redux 380, to be delivered week of 9/3/07

Other Actions: Cleaned dust out of front area of Treatment Room.

AGWAY

SYSTEM VACUUM: -14 in. H_2O *AIR PRESSURE:* 0 psi

SP-1:	0	scfm 0	psi	PW-5	0	scfm 0	psi
SP-2:	0	scfm 0	psi	PW-6	0	scfm 0	psi
SP-3:	0	scfm 0	psi	PW-7	0	scfm 0	psi
SP-4:	0	scfm 0	psi	PW-8	0	scfm 0	psi

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

Remarks: Compressor does not work

Ordered vents for shed from Royal Shed. Shed needs to be leveled.

Other Actions: Contacted electrician to look at shed Sept 4, Tuesday.

Attachment B
Analytical Report from
Mitkem Corporation

Analytical Data Package/SDG: #F1096
Sampled: July 14, 2007

MITKEM CORPORATION

"Environmental Testing For The New Millennium"

September 5, 2007

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 #: F1096

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 Corporation

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

Project Name : Mr. C's Dry Cleaning – 002700.DC13.02.01.02 **SDG :** F1096

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
INFLUENT	F1096-17	OLM4.2_VOA_W				SEE DATA
EFFLUENT	F1096-18	OLM4.2_VOA_W				SEE DATA
TRIPBLANK	F1096-19	OLM4.2_VOA_W				

Mitkem Corporation

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

Project Name : Mr. C's Dry Cleaning – 002700.DC13.02.01.02 **SDG :** F1096

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
OLM4.2_VOA_W					
F1096-17A	AQ	8/14/2007	8/15/2007	NA	8/20/2007
F1096-17ADL	AQ	8/14/2007	8/15/2007	NA	8/21/2007
F1096-18A	AQ	8/14/2007	8/15/2007	NA	8/21/2007
F1096-19A	AQ	8/14/2007	8/15/2007	NA	8/21/2007

Mitkem Corporation

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

Project Name : Mr. C's Dry Cleaning – 002700.DC13.02.01.02 **SDG :** F1096

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Low/Medium Level	Dil/Conc Factor
OLM4.2_VOA_W					
F1096-17A	AQ	OLM4.2_VOA_W	NA	LOW	1
F1096-17ADL	AQ	OLM4.2_VOA_W	NA	LOW	25
F1096-18A	AQ	OLM4.2_VOA_W	NA	LOW	1
F1096-19A	AQ	OLM4.2_VOA_W	NA	LOW	1

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

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

Mitkem Work Order ID: F1096

September 5, 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 August 15, 2007. Analyses were performed per specifications in the project's contract and the chain of custody form. Following the narrative is a table of sample identification for cross-referencing full client sample ID, shortened client sample ID and laboratory sample ID, along with the Mitkem Work Order.

The analyses were performed according to NYSDEC ASP protocols (2000update) and reported per NYSDEC ASP requirement for Category A deliverable with the exception of alkalinity and pH. The analysis results for alkalinity 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:

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 target analytes, sample INFLUENT was re-analysis at 25x dilution.

2. Wet Chemistry Analyses:

Lab control sample: spike recoveries were within the QC limits for alkalinity and pH analyses.

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
09/05/07

F1096 Ecology and Environment Engineering, P.C.

SampID	ClientSampID	TagNo
F1096-17A	INFLUENT	AS INFLUENT
F1096-17B	INFLUENT	AS INFLUENT
F1096-18A	EFFLUENT	AS EFFLUENT
F1096-18B	EFFLUENT	AS EFFLUENT
F1096-19A	TRIPBLANK	TRIPBLANK

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

COMPANY E&E	PHONE 716 684 8060	COMPANY Same	PHONE	LAB PROJECT #: F1096
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.#:
Mn. Cs OM&M	00270.DC02	

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	VOC		pH		Alkalinity									COMMENTS
AS Influent	8/14 / 12:30p			✓			17	3	✓		✓		✓									
AS Effluent	8/14 / 12:30p			✓			18	3	✓	✓			✓									
	/																					
	/																					
	/																					
	/																					
	/																					
	/																					
	/																					
	/																					
	/																					

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
	BREyer	8/14/04 4:00p	Fed Ex	/		4°C
		/	Quick DeCosta	8/15/04 9:00		
		/		/		

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

9912 9999

MITKEM CORPORATION

Sample Condition Form

Received By: DKD | Reviewed By: VEG | Date: 8/15/07 | MITKEM Workorder #: F1096

Client Project: MR C | Client: ENE

1) Cooler Sealed (Yes) / No

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

3) Custody Seal Number(s) N/A

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

5) Cooler Temperature 4°C
Coolant Condition ice

6) Airbill(s) (Present) / Absent
Airbill Number(s) FedEx
791740182341

7) Sample Bottles (Intact)/Broken/Leaking

8) Date Received 8/15/07

9) Time Received 9:00

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"
F1096 17					H	
F1096 18					H	
F1096 19					H	

DKD 8/15/07

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-CLP07/27/2007

Sample Condition Notification

Mitkem Project#: F1056 **Date of Receipt:** 8/15/07
Client: E&E **Received By:** DKD
Client project #/name: Mr C

Unusual Occurance Description:

TRIP BLANK not on CoC

Client Contacted:

Contacted via: Phone/Fax/E-mail
Date:_____ **Time:**_____
Contacted By:_____
Name of person contacted:_____

Client Response:

Responded via: Phone/Fax/E-mail
Date:_____
Name of person responding:_____
Responding to:_____

log into as sample 19 with VOC test

Mitkem Action Taken:

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.: MF1096

Matrix: (soil/water) WATER Lab Sample ID: F1096-17A

Sample wt/vol: 5 (G/ML) ML Lab File ID: V2J8921.D

Level: (low/med) LOW Date Received: 08/15/2007

% Moisture: not dec. Date Analyzed: 08/20/2007

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	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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
79-20-9	Methyl acetate	10	U
75-09-2	Methylene chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-butyl ether	8.8	J
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	12	
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U
79-01-6	Trichloroethene	50	
108-87-2	Methylcyclohexane	10	U
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	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	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.: MF1096

Matrix: (soil/water) WATER Lab Sample ID: F1096-17A

Sample wt/vol: 5 (G/ML) ML Lab File ID: V2J8921.D

Level: (low/med) LOW Date Received: 08/15/2007

% Moisture: not dec. Date Analyzed: 08/20/2007

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
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	1500	E
591-78-6	2-Hexanone	10	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
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

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

INFLUENT

Lab Name: Mitkem Corporation | Contract:

Lab Code: MITKEM | Case No.: | SAS No.: | SDG No.: MF1096

Matrix: (soil/water) WATER | Lab Sample ID: F1096-17A

Sample wt/vol: 5 (G/ML) ML | Lab File ID: V2J8921.D

Level: (low/med) LOW | Date Received: 08/15/2007

% Moisture: not dec. | Date Analyzed: 08/20/2007

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.: MF1096

Matrix: (soil/water) WATER | Lab Sample ID: F1096-17ADL

Sample wt/vol: 5 (G/ML) ML | Lab File ID: V2J8956.D

Level: (low/med) LOW | Date Received: 08/15/2007

% Moisture: not dec. | Date Analyzed: 08/21/2007

GC Column: DB-624 | ID: 0.25 (mm) | Dilution Factor: 25.00

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	250	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl chloride	250	U
74-83-9	Bromomethane	250	U
75-00-3	Chloroethane	250	U
75-69-4	Trichlorofluoromethane	250	U
75-35-4	1,1-Dichloroethene	250	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	250	U
67-64-1	Acetone	250	U
75-15-0	Carbon disulfide	250	U
79-20-9	Methyl acetate	250	U
75-09-2	Methylene chloride	250	U
156-60-5	trans-1,2-Dichloroethene	250	U
1634-04-4	Methyl tert-butyl ether	250	U
75-34-3	1,1-Dichloroethane	250	U
156-59-2	cis-1,2-Dichloroethene	250	U
78-93-3	2-Butanone	250	U
67-66-3	Chloroform	250	U
71-55-6	1,1,1-Trichloroethane	250	U
110-82-7	Cyclohexane	250	U
56-23-5	Carbon tetrachloride	250	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	250	U
79-01-6	Trichloroethene	250	U
108-87-2	Methylcyclohexane	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-pentanone	250	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	250	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.: MF1096

Matrix: (soil/water) WATER Lab Sample ID: F1096-17ADL

Sample wt/vol: 5 (G/ML) ML Lab File ID: V2J8956.D

Level: (low/med) LOW Date Received: 08/15/2007

% Moisture: not dec. Date Analyzed: 08/21/2007

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 25.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
79-00-5	1,1,2-Trichloroethane	250	U
127-18-4	Tetrachloroethene	1400	D
591-78-6	2-Hexanone	250	U
124-48-1	Dibromochloromethane	250	U
106-93-4	1,2-Dibromoethane	250	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	250	U
1330-20-7	Xylene (Total)	250	U
100-42-5	Styrene	250	U
75-25-2	Bromoform	250	U
98-82-8	Isopropylbenzene	250	U
79-34-5	1,1,2,2-Tetrachloroethane	250	U
541-73-1	1,3-Dichlorobenzene	250	U
106-46-7	1,4-Dichlorobenzene	250	U
95-50-1	1,2-Dichlorobenzene	250	U
96-12-8	1,2-Dibromo-3-chloropropane	250	U
120-82-1	1,2,4-Trichlorobenzene	250	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.: MF1096

Matrix: (soil/water) WATER | Lab Sample ID: F1096-17ADL

Sample wt/vol: 5 (G/ML) ML | Lab File ID: V2J8956.D

Level: (low/med) LOW | Date Received: 08/15/2007

% Moisture: not dec. | Date Analyzed: 08/21/2007

GC Column: DB-624 | ID: 0.25 (mm) | Dilution Factor: 25.00

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.: MF1096

Matrix: (soil/water) WATER Lab Sample ID: F1096-18A

Sample wt/vol: 5 (G/ML) ML Lab File ID: V2J8955.D

Level: (low/med) LOW Date Received: 08/15/2007

% Moisture: not dec. Date Analyzed: 08/21/2007

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	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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
79-20-9	Methyl acetate	10	U
75-09-2	Methylene chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-butyl ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
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	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	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.: MF1096

Matrix: (soil/water) WATER | Lab Sample ID: F1096-18A

Sample wt/vol: 5 (G/ML) ML | Lab File ID: V2J8955.D

Level: (low/med) LOW | Date Received: 08/15/2007

% Moisture: not dec. | Date Analyzed: 08/21/2007

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
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	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
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

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

EFFLUENT

Lab Name: Mitkem Corporation | Contract:

Lab Code: MITKEM | Case No.: | SAS No.: | SDG No.: MF1096

Matrix: (soil/water) WATER | Lab Sample ID: F1096-18A

Sample wt/vol: 5 (G/ML) ML | Lab File ID: V2J8955.D

Level: (low/med) LOW | Date Received: 08/15/2007

% Moisture: not dec. | Date Analyzed: 08/21/2007

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.

TRIPBLANK

Lab Name: Mitkem Corporation Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1096

Matrix: (soil/water) WATER Lab Sample ID: F1096-19A

Sample wt/vol: 5 (G/ML) ML Lab File ID: V2J8923.D

Level: (low/med) LOW Date Received: 08/15/2007

% Moisture: not dec. Date Analyzed: 08/21/2007

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	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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
79-20-9	Methyl acetate	10	U
75-09-2	Methylene chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-butyl ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
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	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U

1A

EPA SAMPLE NO.

TRIPBLANK

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Mitkem Corporation Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1096

Matrix: (soil/water) WATER Lab Sample ID: F1096-19A

Sample wt/vol: 5 (G/ML) ML Lab File ID: V2J8923.D

Level: (low/med) LOW Date Received: 08/15/2007

% Moisture: not dec. Date Analyzed: 08/21/2007

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
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	2.1	J
591-78-6	2-Hexanone	10	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
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

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

TRIPBLANK

Lab Name: Mitkem Corporation | Contract:

Lab Code: MITKEM | Case No.: | SAS No.: | SDG No.: MF1096

Matrix: (soil/water) WATER | Lab Sample ID: F1096-19A

Sample wt/vol: 5 (G/ML) ML | Lab File ID: V2J8923.D

Level: (low/med) LOW | Date Received: 08/15/2007

% Moisture: not dec. | Date Analyzed: 08/21/2007

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

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: Mitkem Corporation Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1096

	EPA SAMPLE NO.	SMC1 TOL #	SMC2 BFB #	SMC3 DCE #		TOT OUT
01	VBLKZ2	98	102	93		0
02	VZ2LCS	98	115	93		0
03	VBLK2A	94	87	100		0
04	INFLUENT	96	102	99		0
05	TRIPBLANK	93	95	101		0
06	VBLK2B	91	96	103		0
07	EFFLUENT	90	93	106		0
08	INFLUENTDL	90	91	104		0
09	VHBLK2B	93	91	102		0

			QC Limits
SMC 1	TOL	= Toluene-d8	(88-110)
SMC 2	BFB	= Bromofluorobenzene	(86-115)
SMC 3	DCE	= 1,2-Dichloroethane-d4	(76-114)

Column to be used to flag recovery values

* Values outside of contract required QC limits

3A

WATER VOLATILE LABORATORY CONTROL SAMPLE/DUPLICATE RECOVERY

Lab Name: Mitkem Corporation Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF1096

Matrix Spike - EPA Sample No.: VZ2LCS

COMPOUND	SPIKE ADDED (µg/L)	BLANK CONCENTRATION (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	50	0	53	106	61-145
Benzene	50	0	52	104	76-127
Trichloroethene	50	0	52	104	71-120
Toluene	50	0	53	106	76-125
Chlorobenzene	50	0	55	110	75-130

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

* Values outside of QC limits

COMMENTS: _____

4A

EPA SAMPLE NO.

VOLATILE METHOD BLANK SUMMARY

VBLKZ2

Lab Name: Mitkem Corporation Contract:

Lab Code: MITKEM Case No.: SAS No.: _____ SDG No.: MF1096

Lab File ID: V2J8893.D Lab Sample ID: MB-31777

Date Analyzed: 08/20/07 Time Analyzed: 10:43

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

Instrument ID: V2

THIS METHOD BLANK APPLIES TO THE FOLLOWING:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VZ2LCS	LCS-31777	V2J8894.D	11:12

COMMENTS: _____

FORM IV VOA

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLKZ2

Lab Name: Mitkem Corporation | Contract:

Lab Code: MITKEM | Case No.: | SAS No.: | SDG No.: MF1096

Matrix: (soil/water) WATER | Lab Sample ID: MB-31777

Sample wt/vol: 5 (G/ML) ML | Lab File ID: V2J8893.D

Level: (low/med) LOW | Date Received:

% Moisture: not dec. | Date Analyzed: 08/20/2007

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	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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
79-20-9	Methyl acetate	10	U
75-09-2	Methylene chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-butyl ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
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	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKZ2

Lab Name: Mitkem Corporation | Contract:

Lab Code: MITKEM | Case No.: | SAS No.: | SDG No.: MF1096

Matrix: (soil/water) WATER | Lab Sample ID: MB-31777

Sample wt/vol: 5 (G/ML) ML | Lab File ID: V2J8893.D

Level: (low/med) LOW | Date Received:

% Moisture: not dec. | Date Analyzed: 08/20/2007

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
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	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
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

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKZ2

Lab Name: Mitkem Corporation | Contract:

Lab Code: MITKEM | Case No.: | SAS No.: | SDG No.: MF1096

Matrix: (soil/water) WATER | Lab Sample ID: MB-31777

Sample wt/vol: 5 (G/ML) ML | Lab File ID: V2J8893.D

Level: (low/med) LOW | Date Received:

% Moisture: not dec. | Date Analyzed: 08/20/2007

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

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK2A

Lab Name: Mitkem Corporation Contract:

Lab Code: MITKEM Case No.: SAS No.: _____ SDG No.: MF1096

Lab File ID: V2J8918.D Lab Sample ID: MB-31778

Date Analyzed: 08/20/07 Time Analyzed: 22:32

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

Instrument ID: V2

THIS METHOD BLANK APPLIES TO THE FOLLOWING:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	INFLUENT	F1096-17A	V2J8921.D	23:58
02	TRIPBLANK	F1096-19A	V2J8923.D	00:55

COMMENTS: _____

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLK2A

Lab Name: Mitkem Corporation Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1096

Matrix: (soil/water) WATER Lab Sample ID: MB-31778

Sample wt/vol: 5 (G/ML) ML Lab File ID: V2J8918.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 08/20/2007

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
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	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
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

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLK2A

Lab Name: Mitkem Corporation | Contract:

Lab Code: MITKEM | Case No.: | SAS No.: | SDG No.: MF1096

Matrix: (soil/water) WATER | Lab Sample ID: MB-31778

Sample wt/vol: 5 (G/ML) ML | Lab File ID: V2J8918.D

Level: (low/med) LOW | Date Received:

% Moisture: not dec. | Date Analyzed: 08/20/2007

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	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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
79-20-9	Methyl acetate	10	U
75-09-2	Methylene chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-butyl ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
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	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK2A

Lab Name: Mitkem Corporation | Contract:

Lab Code: MITKEM | Case No.: | SAS No.: | SDG No.: MF1096

Matrix: (soil/water) WATER | Lab Sample ID: MB-31778

Sample wt/vol: 5 (G/ML) ML | Lab File ID: V2J8918.D

Level: (low/med) LOW | Date Received:

% Moisture: not dec. | Date Analyzed: 08/20/2007

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

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK2B

Lab Name: Mitkem Corporation Contract:

Lab Code: MITKEM Case No.: SAS No.: _____ SDG No.: MF1096

Lab File ID: V2J8952.D Lab Sample ID: MB-31797

Date Analyzed: 08/21/07 Time Analyzed: 10:31

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

Instrument ID: V2

THIS METHOD BLANK APPLIES TO THE FOLLOWING:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	EFFLUENT	F1096-18A	V2J8955.D	11:55
02	INFLUENTDL	F1096-17ADL	V2J8956.D	12:24
03	VHBLK2B	VHBLK2B	V2J8958.D	13:21

COMMENTS: _____

_____

FORM IV VOA

1A

EPA SAMPLE NO.

VBLK2B

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Mitkem Corporation Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1096

Matrix: (soil/water) WATER Lab Sample ID: MB-31797

Sample wt/vol: 5 (G/ML) ML Lab File ID: V2J8952.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 08/21/2007

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	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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
79-20-9	Methyl acetate	10	U
75-09-2	Methylene chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-butyl ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
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	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK2B

Lab Name: Mitkem Corporation | Contract:

Lab Code: MITKEM | Case No.: | SAS No.: | SDG No.: MF1096

Matrix: (soil/water) WATER | Lab Sample ID: MB-31797

Sample wt/vol: 5 (G/ML) ML | Lab File ID: V2J8952.D

Level: (low/med) LOW | Date Received:

% Moisture: not dec. | Date Analyzed: 08/21/2007

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
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	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
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

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK2B

Lab Name: Mitkem Corporation | Contract:

Lab Code: MITKEM | Case No.: | SAS No.: | SDG No.: MF1096

Matrix: (soil/water) WATER | Lab Sample ID: MB-31797

Sample wt/vol: 5 (G/ML) ML | Lab File ID: V2J8952.D

Level: (low/med) LOW | Date Received:

% Moisture: not dec. | Date Analyzed: 08/21/2007

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.

VHBLK2B

Lab Name: Mitkem Corporation | Contract:

Lab Code: MITKEM | Case No.: | SAS No.: | SDG No.: MF1096

Matrix: (soil/water) WATER | Lab Sample ID: VHBLK2B

Sample wt/vol: 5 (G/ML) ML | Lab File ID: V2J8958.D

Level: (low/med) LOW | Date Received: 08/09/2007

% Moisture: not dec. | Date Analyzed: 08/21/2007

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	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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
79-20-9	Methyl acetate	10	U
75-09-2	Methylene chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-butyl ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
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	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLK2B

Lab Name: Mitkem Corporation | Contract:

Lab Code: MITKEM | Case No.: | SAS No.: | SDG No.: MF1096

Matrix: (soil/water) WATER | Lab Sample ID: VHBLK2B

Sample wt/vol: 5 (G/ML) ML | Lab File ID: V2J8958.D

Level: (low/med) LOW | Date Received: 08/09/2007

% Moisture: not dec. | Date Analyzed: 08/21/2007

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
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	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
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

1F

EPA SAMPLE NO.

VHBLK2B

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Mitkem Corporation | Contract:

Lab Code: MITKEM | Case No.: | SAS No.: | SDG No.: MF1096

Matrix: (soil/water) WATER | Lab Sample ID: VHBLK2B

Sample wt/vol: 5 (G/ML) ML | Lab File ID: V2J8958.D

Level: (low/med) LOW | Date Received: 08/09/2007

% Moisture: not dec. | Date Analyzed: 08/21/2007

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: *31-Aug-07*

Client: Ecology and Environment
Client Sample ID: INFLUENT
Lab ID: F1096-17

Project: Mr. C's Dry Cleaning
Collection Date: 08/14/07 12:50

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
ALKALINITY (Total)				**SM2320_W**			
Alkalinity, Total (As CaCO3)	290		20	mg/L CaCO3	1	08/16/2007 13:30	31733
pH VALUE				**SM4500_H+**			
pH	7.1		1.0	S.U.	1	08/15/2007 12:00	R23376

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: *31-Aug-07*

Client: Ecology and Environment
Client Sample ID: EFFLUENT
Lab ID: F1096-18

Project: Mr. C's Dry Cleaning
Collection Date: 08/14/07 12:50

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
ALKALINITY (Total)				SM2320_W			
Alkalinity, Total (As CaCO3)	290		20	mg/L CaCO3	1	08/16/2007 13:30	31733
pH VALUE				SM4500_H+			
pH	8.3		1.0	S.U.	1	08/15/2007 12:00	R23376

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
Work Order: F1096
Project: Mr. C's Dry Cleaning

ANALYTICAL QC SUMMARY REPORT

TestCode: SM2320_W

Sample ID: MB-31733	SampType: MBLK	TestCode: SM2320_W		Prep Date: 8/16/2007		Run ID: SPEC2_070816E					
Client ID: MB-31733	Batch ID: 31733	Units: mg/L CaCO3		Analysis Date: 8/16/2007		SeqNo: 678865					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Total (As CaCO3)	ND	20									

Sample ID: LCS-31733	SampType: LCS	TestCode: SM2320_W		Prep Date: 8/16/2007		Run ID: SPEC2_070816E					
Client ID: LCS-31733	Batch ID: 31733	Units: mg/L CaCO3		Analysis Date: 8/16/2007		SeqNo: 678866					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Total (As CaCO3)	40.00	20	37.00	0	108	80	120	0			

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
April 2007 to August 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

August 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						
New York State E&G	76-311-11-015900-18		Agway Site - Electric	$189.80	$613.49	$538.92						
National Fuel Gas	5819628-05	002700.DC13.02.01	Mr. C's Natural Gas Costs	$ 66.14	$ -							
			Totals	**$ 1,816.74**	**$ 1,955.73**	**$ 1,834.43**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	

	Jan-2008	Feb-2008	Mar-2008	Apr-2008					Ave. /Month
Mr. C's Electric Costs									$ 1,399.52
Agway Electric									$ 447.40
Mr. C's Natural Gas Costs									$ 66.14
Totals	**$0.00**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**		**$0.00**	**$ 1,913.06**

Electric	**$ 5,001.84**
Natural Gas	**$ 66.14**

Overbilled natural gas costs - no charges

Grand Total - NYSE&G/National Fuel Gas Costs To Date **$ 5,067.98**

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						
Account#												
716 652 0094 416 26 2												

	Jan-2008	Feb-2008	Mar-2008	Apr-2008					Ave./Month
									$ 45.53

Grand Total - Verizon Costs to Date **$ 136.58**

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

Grand Total All Utilities To Date **$ 5,204.56**

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

ATTACHMENT C

NYSDEC Work Assignment #DC13

12 Months of System Operation and Maintenance

August 2007 Report

Budget Remaining:		
Electric:	$20,798.16	
Telephone:	$403.42	
Gas	$653.86	
Total:	$21,855.44	

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%	24.3%	
Totals to Date	**33988**	**33245**	**97.81%**		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

August 2007 Report

Mr. C's Electric	$	1,399.52			
Agway Electric	$	447.40			
Mr. C's Gas	$	66.14			
Mr. C's Telephone	$	45.53			
Ave. Utility Cost Total	$	1,958.59	times	12 month Estimate	$25,461.63