



ecology and environment engineering, p.c.

BUFFALO CORPORATE CENTER

368 Pleasant View Drive, Lancaster, New York 14086

Tel: 716/684-8060, Fax: 716/684-0844

March 6, 2008

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
February 2008 Operations, Maintenance, and Monitoring Report

Dear Mr. Welling:

Ecology and Environment Engineering, P.C. (EEEEPC) is pleased to provide the February 2008 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 prepared by EEEPC's subcontractor, Iyer Environmental Group, PLLC (IEG) are provided in Attachment A. Selected pages from the individual analytical data package prepared by Mitkem Laboratories (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 February 2008, EEEPC offers the following comments and highlights:

Operational Summary

Mr. C's Site – Remedial Operations Information

- The treatment system was operational for 95.83% of the period between 1/28/08 and 2/25/08. 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 February 2008 indicate that approximately 470,370 gallons of groundwater were processed through the remedial treatment system for the period 1/28/08 and 2/25/08. Table 2 provides a summary of groundwater volume treated since system start-up. Historical volumes are based on the totalizer readings provided by the subcontractor's weekly inspection forms.
- Checklists for weekly system inspections from IEG are provided as Attachment A for 1/28/08, 2/5/08, 2/12/08, 2/20/08 and 2/25/08. Weekly system checks indicated that the air stripper differential pressure remained between 0.05 and 0.06 inches of water with air stripper pressure between 11.0 and 14.0 inches of water during the month of February 2008. These levels are within the operating range recommended by the equipment manufacturer.

- Filters in the influent bag filter units were not replaced during the February 2008 reporting period. Filter gauge pressure readings observed during weekly inspections ranged between 4.0 and 5.5 psi, which is below the 15 psi operational limit indicated in the system operation and maintenance manual.
- The Redux sequestering agent approved by SPDES Equivalency permit for use at the Mr. C's site continues to be added to the process stream in order to minimize mineral deposition on the air stripper orifice plates. During the February 2008 reporting period, the feed rate for the agent ranged between 4.0 and 4.4 ml/min.
- The analytical results from compliance sampling performed on February 5, 2008 (Attachment B) were received by EEEPC on February 22, 2008. A review of the analytical data revealed the influent water contaminants above the detection limits to be 2947 ug/L or 2947 ppb. The total of the treated effluent contaminants levels to be less than 1.0 ug/L \approx 0 ppb, which is within the compliance discharge limitation of 10 ppb for the site. All other contaminants detected were either below the level of detection or not detected. ML provides analytical data to sub ppb accuracy, supporting the accurate determination of effluent contaminant levels. Based on analytical results for the February 5, 2008 sampling event, the Mr. C's treatment system continues to effectively remove targeted contaminants from the groundwater below the site.
- IEG personnel are in the process of retraction, inspection, cleaning and replacement of groundwater extraction pumps and pressure transducers. The defective pump in groundwater well RW-1 has been replaced and was returned to service on February 6, 2008. A replacement level transducer for groundwater well PW-4 is at the site, and will be installed as soon as weather permits.

Agway Site Remedial Information

Individual sparge rates for the 4 operable points in the field averaged between 0.0 and 9.0 SCFM, with an average air delivery to the field of 19.13 SCFM. Because the AS/SVE system is not operating at full capacity, EEEPC is completing a diagnostic testing procedure for restoration of the 4 inoperable air sparge/soil vapor extraction points in the system. The proposed field evaluation procedures will be submitted to the NYSDEC Project Manager in March 2008 for review and approval.

- A punch list of scheduled repair items, including cap replacement and re-commissioning of well MPI-14B, has been prepared by IEG. The list is updated on a weekly basis and repairs are performed as manpower, material availability and weather conditions permit.

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

- A defective exhaust fan in SSDS-1-B (south side of church) at the First Presbyterian Church was replaced on March 3, 2008, and the system has been returned to full operational capacity. The SSDS system at 27 Whaley Avenue continues to operate normally. The next air sampling event for these facilities is scheduled for Spring or Fall of 2008.

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 February 2008 and year to date are provided as Attachment C.

Analytical Summary – Groundwater

IEG personnel collected samples of influent and effluent groundwater from the Mr. C's Treatment system on February 5, 2008. Overall cleanup efficiency for the reporting period 1/28/08 to 2/25/08 was 100.0% based on analytical testing performed by the Mitkem Corporation Laboratory. Excerpts from the Analytical Data package for the February 5, 2008 sampling event are presented in Table 3.

The February 2008 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 11.57 pounds of chlorinated volatile organic compounds (cVOCs) were removed from the influent groundwater based on calculations using the effluent discharge analytical results during the reporting period. A summary of the total calculated pounds of cVOC's removed by the system by month and by date are presented in Table 5. These values are based on effluent totalizer readings and assume that non-detect values given in the analytical data package = 0 $\mu\text{g/L}$; 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 February 2008 OM&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
CTF- 002700.DC13.02.01.01

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

Month	Reporting Hours	Operational Up-time ¹
September 2002 ²	576	100%
October 2002	744	99.33%
November 2002	720	93.41%
December 2002	744	80.65%
January 2003	744	59.15%
February 2003	672	63.39%
March 2003	744	82.39%
April 2003	720	100%
May 2003	744	100%
June 2003	720	90.00%
July 2003	744	100%
August 2003	744	100%
September 1-4, 2003	96	100%
October 22 -29, 2003 ³	168	100%
October 29 - November 25, 2003	648	99%
November 25 - December 29, 2003	816	100%
December 29, 2003 – January 26, 2004	672	100%
January 26 – February 24, 2004	696	100%
February 24 – March 29, 2004	816	99.97%
March 29 – April 26, 2004	672	99.70%
April 26 – May 24, 2004	696	73.70%
May 24 – June 21, 2004	696	99.43%
June 22 – July 26, 2004	840	100%
July 27 – August 23, 2004	672	100%
August 23 - September 27, 2004	840	97.62%
September 27 - October 25, 2004	672	90.33%
October 25 - November 23, 2004	696	92.17%
November 23 - December 27, 2004	816	97.06%
December 27, 2004 - January 31, 2005	840	100%
January 31, 2005 - February 28, 2005	660	98.20%
February 28, 2005 - April 4, 2005	828	98.60%
April 4, 2005 - May 2, 2005	696	87.50%
May 2, 2005 - June 6, 2005	840	91.43%
June 6, 2005 - July 6, 2005	744	86.60%
July 6, 2005 - August 1, 2005	605.5	97.00%
August 1, 2005 - August 29, 2005	696	100.00%
Totals Page 1	25,037.50	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)	25,037.50	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%
October 30, 2007 - November 28, 2007	741	99.59%
November 28, 2007 - January 2, 2008	720	85.71%
January 2, 2008 - January 28, 2008	600	96.00%
February 25, 2008 - January 28, 2008	644	95.83%

Total Hours **45,826.50**

Average Operational Up-time = **96.03%**

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
February 2007 ²	2/6/07 - 2/26/07	913,610
March 2007 ²	2/26/07 - 3/26/07	882,228
April 2007 ²	3/26/07 - 5/1/07	1,127,096
May 2007 ²	5/1/07 - 5/29/07	853,697
June 2007 ²	5/29/07 - 6/25/07	755,060
July 2007 ³	6/25/07 - 7/24/07	785,379
August 2007 ³	7/25/07 - 8/28/07	899,340
September 2007 ³	8/2/07 - 10/1/07	804,420
October 2007 ³	10/1/07 - 10/30/07	647,173
November 2007 ³	10/30/07 - 11/28/07	672,600
December 2007 ³	11/28/07 - 1/2/08	436,175
January 2008 ³	1/2/08 - 1/28/08	180,820
February 2008 ³	1/28/08 - 2/25/08	470,370
Total Gallons Treated To Date:		91,972,915

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
 February 2008 VOC Analytical Summary

Compound	2/5/2008 Sampling Results		
	Influent Concentration* (ug/L)	Effluent Concentration* (ug/L)	Cleanup Efficiency (%)
Acetone	ND (<100)	ND (<5.0)	NA
Benzene	ND (<20)	ND (<1.0)	NA
2-Butanone	ND (<100)	ND (<5.0)	NA
cis-1, 2-Dichloroethene	ND (<45)	ND (<1.0)	100%
Methylene chloride	ND (<20)	ND (<1.0)	NA
Methyl tert-butyl ether (MTBE)	27.00	ND (<1.0)	100%
Tetrachloroethene	2800.00	ND (<1.0)	100%
Toluene	ND (<20)	ND (<1.0)	NA
Trichloroethene	120.00	ND (<1.0)	100%
Carbon Disulfide	ND (<20)	ND (<1.0)	NA
1,1,2 Trichloro-1,1,2-trifluoroethane	ND (<20)	ND (<1.0)	NA
Cyclohexane	ND (<20)	ND (<1.0)	NA
Methylcyclohexane	ND (<20)	ND (<1.0)	NA
Total Xylenes	ND (<20)	ND (<1.0)	NA
February 5, 2008 TOTALS (in ug/L) =	2947.00	0.0	100.00%

Notes:

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

* (<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	February 5, 2008 Effluent Analytical Values - Compliance
Flow	216,000	gpd	16,219.65 gpd ⁶
pH	6.0 - 9.0	standard units	8.40 ¹⁰
1,1 Dichloroethene	10	µg/L	ND(<1.0)
1,2 Dichloroethane	10	µg/L	ND(<1.0)
Trichloroethene	10	µg/L	ND(<1.0)
Tetrachloroethene	10	µg/L	ND(<1.0)
Vinyl Chloride	10	µg/L	ND(<1.0)
Benzene	5	µg/L	ND(<1.0)
Ethylbenzene	5	µg/L	ND(<1.0)
Methylene Chloride	10	µg/L	ND(<1.0)
1,1,1 Trichloroethane	10	µg/L	ND(<1.0)
Toluene	5	µg/L	ND(<1.0)
Methyl-t-Butyl Ether (MTBE)	NA	µg/L	ND(<1.0)
o-Xylene ³	5	µg/L	NA
m, p-Xylene ³	10	µg/L	NA
Total Xylenes	NA	µg/L	ND(<1.0)
Iron, total	600	µg/L	NA ⁹
Aluminum	4,000	µg/L	NA ⁹
Copper	48	µg/L	NA ⁹
Lead	11	µg/L	NA ⁹
Manganese	2,000	µg/L	NA ⁹
Silver	100	µg/L	NA ⁹
Vanadium	28	µg/L	NA ⁹
Zinc	230	µg/L	NA ⁹
Total Dissolved Solids	850	mg/L	NA ⁹
Total Suspended Solids	20	mg/L	NA ⁹
Hardness	N/A	mg/l	480
Cyanide, Free	10	µg/L	NA ⁹

NOTES:

- "Daily Maximum" excerpted from Attachment E of Addendum 1 to the Construction Contract Documents dated October 2000.
- Analytical report did not differentiate between o-Xylene and m, p-Xylene. Total Xylene value reported is given in each line.
- Shaded cells indicate that analytical value exceeds the "Daily Maximum"
- "ND" indicates that the compound was not detected and lists the practical quantification limit in parentheses.
- "NA" indicates that analyses were not performed and data is unavailable.
- Average flows based on effluent readings taken January 28, 2008 through February 25, 2008. Total gallons: 470,370 divided by 29 operating days (644 actual operating hours).
- "J" indicates an estimated value below the detection limit.
- "B" indicates analyte found in the associated blank.
- Removed from the required analysis list by NYSDEC Region 9 in February 2005.
- Effluent resampled for pH value on December 14, 2007 to comply with project requirements.

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
November 2007	10/30/07-11/28/07	1296	13.50	6.47
December 2007	11/28/07-1/2/08	1175	0.00	4.27
January 2008	1/2/08-1/28/08	3460	0.00	5.22
February 2008	1/28/08-2/25/08	2947	0.00	11.57
Total pounds of VOCs removed since inception =				1,268.51

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 February 5, 2008:

Pounds of VOCs removed calculated by the following formula:

$$2947 \text{ ug/L} - 0.0 \text{ ug/L} * (0.0 \text{ g}/10^6 \text{ ug}) * (1 \text{ lb}/453.5924 \text{ g}) * 470,370 \text{ gallons} * (3.785 \text{ L}/\text{gallon}) \sim 11.57 \text{ lbs}$$

where 470,370 gallons is the monthly process water volume.

Attachment A
IEG Weekly Inspection Reports
February 2008

Including:

1/28/08

2/5/08

2/12/08

2/20/08

2/25/08

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

DATE: <u>28-Jan-08</u>		ACTIVITIES: <u>Site Inspection</u>	
INSPECTION PERSONNEL: <u>R. Allen, D. Iyer</u>		OTHER PERSONNEL: <u>---</u>	
WEATHER CONDITIONS: <u>Cloudy, cold</u>		OUTSIDE TEMPERATURE (° F): <u>30</u>	
ARE WELL PUMPS OPERATING IN AUTO: YES: <input type="checkbox"/> NO: <input checked="" type="checkbox"/> If "NO", provide explanation below			
<u>RW-1, PW-4 are off due to maintenance problems.</u>			
PROVIDE WATER LEVEL READINGS ON CONTROL PANEL			
RW-1	ON: <input checked="" type="checkbox"/>	OFF: <u>18</u> ft	PW-5 ON: <input checked="" type="checkbox"/> OFF: <u>20</u> ft
PW-2	ON: <input type="checkbox"/>	OFF: <input checked="" type="checkbox"/> <u>5</u> ft	PW-6 ON: <input type="checkbox"/> OFF: <input checked="" type="checkbox"/> <u>3</u> ft
PW-3	ON: <input checked="" type="checkbox"/>	OFF: <input type="checkbox"/> <u>15</u> ft	PW-7 ON: <input type="checkbox"/> OFF: <input checked="" type="checkbox"/> <u>6</u> ft
PW-4	ON: <input type="checkbox"/>	OFF: <input checked="" type="checkbox"/> <u>65507</u> ft	PW-8 ON: <input type="checkbox"/> OFF: <input checked="" type="checkbox"/> <u>7</u> ft
EQUALIZATION TANK: <u>4</u> ft		Last Alarm D/T/Condition: <u>1/2/08 RW-1 Overload</u>	
NOTES: <u>RW-1 pump and PW-4 transducer to be replaced</u>			
INFLUENT FLOW RATE: <u>20</u> gpm		INFLUENT TOTALIZER READING: <u>9,060,541.0</u> gallons	
SEQUESTERING AGENT DRUM LEVEL: <u>12</u> inches		(x 1.7=) AMOUNT OF AGENT REMAINING: <u>20.4</u> gallons	
SEQUESTERING AGENT FEED RATE: <u>4.0</u> ml/min		METERING PUMP PRESSURE: <u>4</u> psi	
BAG FILTER PRESSURES:			
	Top	Bottom	
LEFT:	<u>0</u>	<u>0</u> psi	RIGHT: <u>0</u> <u>5.5</u> psi
INFLUENT FEED PUMP IN USE: #1 <input checked="" type="checkbox"/> #2 <input type="checkbox"/>		INFLUENT PUMP PRESSURE: <u>13</u> psi	
AIR STRIPPER BLOWER IN USE: #1 <input type="checkbox"/> #2 <input checked="" type="checkbox"/>		AIR STRIPPER PRESSURE: <u>12.0</u> in. H ₂ O	
AIR STRIPPER DIFFERENTIAL PRESSURE: <u>0.055</u> in. H ₂ O		DISCHARGE PRESSURE: <u>2.8</u> in. H ₂ O	
EFFLUENT PUMP IN USE: #1 <input checked="" type="checkbox"/> #2 <input type="checkbox"/>		EFFLUENT FEED PUMP PRESSURE: <u>8.5</u> psi	
EFFLUENT FLOW RATE: <u>84</u> gpm		EFFLUENT TOTALIZER READING: <u>41,586,378</u> <u>582900</u> gallons	
ARE BUILDING HEATERS IN USE? YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/>		INSIDE TEMPERATURE (° F): <u>56</u>	
IS SUMP PUMP IN USE: YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/>		ARE ANY LEAKS PRESENT? YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/>	
WATER LEVEL IN SUMP: <u> </u> in.		TREATMENT BUILDING CLEAN & ORGANIZED? YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/>	

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

28-Jan-08

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:

Most of the Electrical Boxes and Monitoring Wells are covered with ice or snow.

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

Remarks: Emptied (3) gals from Air Stripper exhaust drip bucket. Emptied (0.5) gal from Air Stripper rinse water drum.

Bag Filter count - (5) 150 micron; (5) 50 micron

Other Actions: Responded to Alarm conditions #1 (Pump off) and #3 (Air Stripper Low Pressure). Alarm #1 was due to East

Aurora power outage caused by high winds (Jan 30, 2008). Checked fuses and pump operations.

Alarm #3 was diagnosed to a blown out plug in sensor tube from sump.

Replaced Panel View backlight lamp. Replaced Control Panel light bulb.

AGWAY

SYSTEM VACUUM: -22 in. H₂O

AIR PRESSURE: 35 psi

SP-1: <u>0.0</u> scfm	<u>6.0</u> psi	PW-5: <u>0.0</u> scfm	<u>28.0</u> psi
SP-2: <u>4.5</u> scfm	<u>8.5</u> psi	PW-6: <u>3.0</u> scfm	<u>22.0</u> psi
SP-3: <u>4.0</u> scfm	<u>8.0</u> psi	PW-7: <u>1.2</u> scfm	<u>>30</u> psi
SP-4: <u>0.0</u> scfm	<u>9.5</u> psi	PW-8: <u>0.0</u> scfm	<u>>30</u> psi

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

Remarks: Drained (10) gals from SVE Drum.

Other Actions: Installed shield over padlock to reduce icicle buildup.

Mr. C's CLEANERS OM&M

SUMMARY OF FIELD ACTIVITIES BY IEG - 1/2008

DATE	ACTIVITY
2-Jan	OM&M Weekly Inspection / sampling. Take delivery of Redux drums. Emptied decanted Air Stripper rinse water through filters into sump. Put sludge into drum. Secured Air Stripper pressure gauge on support beam.
4-Jan	RW-1 - pull pump and record information. Record information on old pump in Treatment Room and PW-4 transducer. Get supplies.
7-Jan	OM&M Weekly Inspection / Piezometer readings. Get supplies.
8-Jan	OM&M Office work
14-Jan	OM&M Weekly Inspection. Repair EXIT Light in Treatment Room.
15-Jan	OM&M Office work
17-Jan	OM&M and Contingency office work. Get supplies.
18-Jan	Take delivery of new transducer. Empty decanted Air Stripper rinse water through filter into sump pit. Get supplies. Research maintenance.
21-Jan	OM&M Weekly Inspection. Get supplies.
22-Jan	Research maintenance
23-Jan	Prepare materials
28-Jan	OM&M Weekly Inspection. Install shield over handle on Agway Shed.
29-Jan	OM&M and Contingency Office work

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

as of 02/01/08

ACTIVITY	DESCRIPTION	COMPLETION STATUS	
		YES	NO
Replace Compressor Bolts	Moved compressor in shed back to original position and installed larger bolts to replace the originals that were stripped out.	Aug-07	
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.	Sep-07	
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.	Sep-07	
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.		in progress
Add Ventilation to Agway Shed	Agway Shed presently has only (2) small vents. In summer, heat from both compressor and vacuum blower motor builds up inside shed. (4) more vents (in shed) will be installed to enable compressor to run cooler.		Spring 2008
Repair Compressor	Compressor stopped working week of 8/14/07. Rex Carroll repaired a short in the wiring and a switch. Rex Carroll repaired the wiring and replaced the fuse on 10/3/07 when it stopped working a second time.	Oct-07	
Secure Agway Shed Electric Box	A padlock should be installed on the electric box outside the shed to reduce the possibility of tampering. Installed (2) matching padlocks on shed.	Oct-07	
Level Agway Shed	The shed is off level. It can be pried into position with levers and shimmed.	Oct-07	
Abandon Damaged MW	MW-14B damaged during road work by Town on Fillmore Ave. Original cover is missing. Temporary cover installed by Town's DPW. Well was patched by IEG with asphalt to road surface. Patch will be sealed in spring.	Oct-07	
Service Compressor	Oil and possibly an air filter should be changed on the compressor. Call manufacturer and get oil; service compressor.		in progress
Effluent Meter Repair	The cover of the effluent meter is badly scratched. Buff out scratches.	Oct-07	
SVE System Pipe Repair	SVE System pipe on the west side of the First Presbyterian Preschool building is loose. Reattach loose brackets to building.	Oct-07	
Make NYSDEC & Danger Signs	Metal signs (by Graffiti) were installed by IEG on Treatment Room entrance door - NYSDEC contact information and Danger sign	Oct-07	
Small Effluent Meter	Secured small effluent meter that is hanging loose	Oct-07	
Inspect SVE Drum	Dismantle and inspect drum. Seal leaks. Check seal after a week. Add rubber pads under drum to lessen vibration.	Oct-07	
Drain SVE Drum	Add hose to SVE vacuum drum drain tap to facilitate draining.	Nov-07	
Air Stripper Trays	Clean air stripper trays: Pressure washed trays; scheduled disassembly and further cleaning of trays, and removal of sludge in air stripper sump.	Nov-07	
Air Stripper Blower	Repair leaks in both blower outlet pipes; fix with brackets	Nov-07	
Replace PW - 7	Pull and inspect well pump. Replace pump with new unit.	Nov-07	
Clean Air Stripper	Disassembled, completely cleaned and reassembled Air Stripper	Dec-07	
Upgrade Redux System	Add Injection Check Assembly and Anti Siphon Valve. Rebuild JAC pump. Reposition Foot Valve inside of Redux drum. Shorten Redux hose.		To be ordered
Repair Filter Basket	Left Filter Housing has damaged Bag Filter Basket. Replace Filter Basket		To be ordered
Replace SVE Vacuum Drum	Present Vacuum Drum inside Agway Shed is corroded. Replace drum.		To be ordered
Secure Air Stripper Gauge	Hung A.S.. Pressure Gauge on support beam below two other gauges.	Jan-08	
Repair EXIT Light	Arrange for Building Maintenance person to fix EXIT Light over man door.	Jan-08	
Replace RW-1 Pump	RW-1 well pump is defective. Replace with new unit.		in progress
Replace PW-4 Transducer	PW-4 transducer is defective. Replace with new unit.		in progress
Install Padlock Shield	Agway Shed - Install material above handle on shed to reduce icicle buildup on padlock.	Jan-08	
Replace Control Box Bulbs	Replace burned out bulbs on Main Electric Control Box.	Jan-08	
Replace Backlight Lamp	Replace burned out backlight lamp on Panel View.	Jan-08	
Correct Low Pressure	Air Stripper - Traced low pressure problem to open sensor tube. Replace blown sensor tube plug.	Jan-08	

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

DATE: <u>5-Feb-08</u>		ACTIVITIES: <u>Site Inspection</u>	
INSPECTION PERSONNEL: <u>R. Allen, D Iyer</u>		OTHER PERSONNEL: <u>Rex Carroll</u>	
WEATHER CONDITIONS: <u>Cloudy with drizzle, cool</u>		OUTSIDE TEMPERATURE (° F): _____	
ARE WELL PUMPS OPERATING IN AUTO: YES: _____ NO: <input checked="" type="checkbox"/> If "NO", provide explanation below			
<u>RW-1 and PW-4 are turned off due to maintenance problems</u>			
PROVIDE WATER LEVEL READINGS ON CONTROL PANEL			
RW-1	ON: <input checked="" type="checkbox"/>	OFF: <u>18</u> ft	PW-5 ON: <input checked="" type="checkbox"/> OFF: <u>20</u> ft
PW-2	ON: <input checked="" type="checkbox"/>	OFF: <u>19</u> ft	PW-6 ON: _____ OFF: <input checked="" type="checkbox"/> <u>4</u> ft
PW-3	ON: <input checked="" type="checkbox"/>	OFF: <u>16</u> ft	PW-7 ON: _____ OFF: <input checked="" type="checkbox"/> <u>5</u> ft
PW-4	ON: _____	OFF: <input checked="" type="checkbox"/> <u>65507</u> ft	PW-8 ON: _____ OFF: <input checked="" type="checkbox"/> <u>5</u> ft
EQUALIZATION TANK: <u>4</u> ft		Last Alarm D/T/Condition: <u>1/30/08 Air Stripper Low Level</u>	
NOTES: <u>RW-1 pump and PW-4 transducer to be replaced</u>			
INFLUENT FLOW RATE: <u>18</u> gpm		INFLUENT TOTALIZER READING: <u>9,149,254.0</u> gallons	
SEQUESTERING AGENT DRUM LEVEL: <u>8</u> inches		(x 1.7=)	AMOUNT OF AGENT REMAINING: <u>13.6</u> gallons
SEQUESTERING AGENT FEED RATE: <u>4.0</u> ml/min		METERING PUMP PRESSURE: <u>4</u> psi	
BAG FILTER PRESSURES:			
	LEFT:	Top Bottom <u>0</u> <u>0</u> psi	RIGHT: Top Bottom <u>5</u> <u>0</u> psi
INFLUENT FEED PUMP IN USE: #1 <input checked="" type="checkbox"/> #2 _____		INFLUENT PUMP PRESSURE: <u>13</u> psi	
AIR STRIPPER BLOWER IN USE: #1 _____ #2 <input checked="" type="checkbox"/>		AIR STRIPPER PRESSURE: <u>11.0</u> in. H ₂ O	
AIR STRIPPER DIFFERENTIAL PRESSURE: <u>0.055</u> in. H ₂ O		DISCHARGE PRESSURE: <u>1.5</u> in. H ₂ O	
EFFLUENT PUMP IN USE: #1 <input checked="" type="checkbox"/> #2 _____		EFFLUENT FEED PUMP PRESSURE: <u>8.0</u> psi	
EFFLUENT FLOW RATE: <u>84</u> gpm		EFFLUENT TOTALIZER READING: <u>41,634,959</u> 632460 gallons	
ARE BUILDING HEATERS IN USE? YES: <input checked="" type="checkbox"/> NO: _____		INSIDE TEMPERATURE (° F): <u>62</u>	
IS SUMP PUMP IN USE: YES: <input checked="" type="checkbox"/> NO: _____		ARE ANY LEAKS PRESENT? YES: <input checked="" type="checkbox"/> NO: _____	
WATER LEVEL IN SUMP: <u>6.0</u> in.		TREATMENT BUILDING CLEAN & ORGANIZED? YES: <input checked="" type="checkbox"/> NO: _____	

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

5-Feb-08

SAMPLES COLLECTED? YES: NO:

	Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Cond.
AIR STRIPPER INFLUENT:	INF	12:00 PM	7.03	5.56	11.7	2291
AIR STRIPPER EFFLUENT:	EFF	12:00 PM	8.53	7.12	13.0	2133

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:

Many Electrical Boxes and Monitoring Wells are covered with puddies.

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

Remarks & Other Actions:

Emptied (4) gal from Air Stripper drip bucket.

Leak in roof from old Air Stripper exhaust port. The leak drips down through the port and onto Blower #2 pipe and then onto the top of the Air Stripper Control Panel. Put small tray on top of panel to catch drips. Notified Bill Rogers (Building Maintenance).

Feb 7, 2008 - Installed new RW-1 pump (1-phase, 2-wire). Previous pump (single phase, 3-wire) was wrongly connected and bypassed capacitor box (no wire to it) in Control Panel. Took red wire out of service with electrical tape at well and control panel; connected two black positive leads from pump to control panel. The Capacitor Box inside the Main Control Panel was not hooked up, and was removed.

AGWAY

SYSTEM VACUUM: <u>-22</u> in. H ₂ O				AIR PRESSURE: <u>25</u> psi			
SP-1:	<u>0.0</u>	scfm	<u>9.0</u> psi	PW-5	<u>0.0</u>	scfm	<u>28.0</u> psi
SP-2:	<u>4.0</u>	scfm	<u>7.5</u> psi	PW-6	<u>2.3</u>	scfm	<u>24.5</u> psi
SP-3:	<u>3.6</u>	scfm	<u>7.0</u> psi	PW-7	<u>1.2</u>	scfm	<u>> 30</u> psi
SP-4:	<u>0.0</u>	scfm	<u>8.0</u> psi	PW-8	<u>0.0</u>	scfm	<u>> 30</u> psi

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

Remarks: Emptied (3) gals from SVE drum.

Other Actions:

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

DATE: <u>12-Feb-08</u>		ACTIVITIES: <u>Site Inspection</u>													
INSPECTION PERSONNEL: <u>R. Allen</u>		OTHER PERSONNEL: <u>---</u>													
WEATHER CONDITIONS: <u>Cloudy, cold</u>		OUTSIDE TEMPERATURE (° F): <u>12</u>													
ARE WELL PUMPS OPERATING IN AUTO: YES: <input type="checkbox"/> NO: <input checked="" type="checkbox"/> If "NO", provide explanation below															
<u>PW-4 is OFF due to maintenance problem</u>															
PROVIDE WATER LEVEL READINGS ON CONTROL PANEL															
RW-1	ON: <input checked="" type="checkbox"/>	OFF: <u>7</u> ft	PW-5 ON: <input checked="" type="checkbox"/> OFF: <u>21</u> ft												
PW-2	ON: <input checked="" type="checkbox"/>	OFF: <u>19</u> ft	PW-6 ON: <input type="checkbox"/> OFF: <input checked="" type="checkbox"/> <u>6</u> ft												
PW-3	ON: <input checked="" type="checkbox"/>	OFF: <u>16</u> ft	PW-7 ON: <input checked="" type="checkbox"/> OFF: <u>5</u> ft												
PW-4	ON: <input type="checkbox"/>	OFF: <input checked="" type="checkbox"/> <u>65507</u> ft	PW-8 ON: <input type="checkbox"/> OFF: <input checked="" type="checkbox"/> <u>4</u> ft												
EQUALIZATION TANK: <u>4</u> ft		Last Alarm D/T/Condition: <u>2/7/08 Air Stripper Low Air Pressure</u>													
NOTES: <u>PW-4 transducer to be replaced</u>															
INFLUENT FLOW RATE: <u>25</u> gpm		INFLUENT TOTALIZER READING: <u>9,371,840.0</u> gallons													
SEQUESTERING AGENT DRUM LEVEL: <u>2.5</u> inches		(x 1.7=)	AMOUNT OF AGENT REMAINING: <u>4.25</u> gallons												
SEQUESTERING AGENT FEED RATE: <u>4.0</u> ml/min		METERING PUMP PRESSURE: <u>4.5</u> psi													
<table border="0" style="width:100%;"> <tr> <td></td> <td style="text-align: center;">Top</td> <td style="text-align: center;">Bottom</td> <td></td> <td style="text-align: center;">Top</td> <td style="text-align: center;">Bottom</td> </tr> <tr> <td>BAG FILTER PRESSURES:</td> <td>LEFT: <u>0</u></td> <td><u>0</u> psi</td> <td>RIGHT:</td> <td><u>5</u></td> <td><u>0</u> psi</td> </tr> </table>					Top	Bottom		Top	Bottom	BAG FILTER PRESSURES:	LEFT: <u>0</u>	<u>0</u> psi	RIGHT:	<u>5</u>	<u>0</u> psi
	Top	Bottom		Top	Bottom										
BAG FILTER PRESSURES:	LEFT: <u>0</u>	<u>0</u> psi	RIGHT:	<u>5</u>	<u>0</u> psi										
INFLUENT FEED PUMP IN USE: #1 <input checked="" type="checkbox"/> #2 <input type="checkbox"/>		INFLUENT PUMP PRESSURE: <u>11</u> psi													
AIR STRIPPER BLOWER IN USE: #1 <input type="checkbox"/> #2 <input checked="" type="checkbox"/>		AIR STRIPPER PRESSURE: <u>13.0</u> in. H ₂ O													
AIR STRIPPER DIFFERENTIAL PRESSURE: <u>0.055</u> in. H ₂ O		DISCHARGE PRESSURE: <u>1.5</u> in. H ₂ O													
EFFLUENT PUMP IN USE: #1 <input checked="" type="checkbox"/> #2 <input type="checkbox"/>		EFFLUENT FEED PUMP PRESSURE: <u>9.5</u> psi													
EFFLUENT FLOW RATE: <u>84</u> gpm		EFFLUENT TOTALIZER READING: <u>41,762,804</u> 763340 gallons													
ARE BUILDING HEATERS IN USE? YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/>		INSIDE TEMPERATURE (° F): <u>53</u>													
IS SUMP PUMP IN USE: YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/>		ARE ANY LEAKS PRESENT? YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/>													
WATER LEVEL IN SUMP: <u>5.0</u> in.		TREATMENT BUILDING CLEAN & ORGANIZED? YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/>													

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

12-Feb-08

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:

Ice and snow are covering all Electrical Boxes and Monitoring Wells except for a few in groups PW-4 and PW-7

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

Remarks: Set up Redux system in new drum. Pump reset at : Right - 2.0 and Left - 1.0 as previously.

Emptied (4) gals from Air Stripper exhaust drip bucket.

Other Actions: Weather has been too cold or too much snow and ice cover to do Piezometer measurements for past (2) weeks.

Feb 14 - attempted to do Piezometer measurements. All Monitoring Well covers were covered with ice or snow except for a few in groups PW-4 and PW-7. First cover found under ice in Mr C's parking lot. Had to use hand held torch to thaw cover to lift off of ring. Riser cap was frozen to riser inside. Abandoned effort.

AGWAY

SYSTEM VACUUM: <u> -22 </u> in. H ₂ O				AIR PRESSURE: <u> 85 </u> psi			
SP-1:	<u> 0.0 </u>	scfm	<u> 6.0 </u> psi	PW-5:	<u> 0.0 </u>	scfm	<u> 28.5 </u> psi
SP-2:	<u> 5.2 </u>	scfm	<u> 10.0 </u> psi	PW-6:	<u> 2.4 </u>	scfm	<u> 26.0 </u> psi
SP-3:	<u> 5.2 </u>	scfm	<u> 9.0 </u> psi	PW-7:	<u> 1.4 </u>	scfm	<u> > 30 </u> psi
SP-4:	<u> 0.0 </u>	scfm	<u> 11.0 </u> psi	PW-8:	<u> 0.0 </u>	scfm	<u> > 30 </u> psi

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

Remarks: Padlock had no icicle present but was frozen and had to be thawed with the torch. Relubricated lock before securing the shed.

Other Actions: Turned heater up from Level I to Level II.

Drained (15) gals from SVE drum - Feb 14, 2008.

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

DATE: <u>20-Feb-08</u>		ACTIVITIES: <u>Site Inspection</u>									
INSPECTION PERSONNEL: <u>D. Iyer</u>		OTHER PERSONNEL: <u>---</u>									
WEATHER CONDITIONS: <u>Windy, cold, snow</u>		OUTSIDE TEMPERATURE (° F): <u>5</u>									
ARE WELL PUMPS OPERATING IN AUTO: YES: <input type="checkbox"/> NO: <input checked="" type="checkbox"/> If "NO", provide explanation below											
<u>PW-4 is OFF due to maintenance problem</u>											
PROVIDE WATER LEVEL READINGS ON CONTROL PANEL											
RW-1	ON: <input type="checkbox"/>	OFF: <input checked="" type="checkbox"/> <u>9</u> ft	PW-5 ON: <input checked="" type="checkbox"/> OFF: <input type="checkbox"/> <u>21</u> ft								
PW-2	ON: <input checked="" type="checkbox"/>	OFF: <input type="checkbox"/> <u>19</u> ft	PW-6 ON: <input type="checkbox"/> OFF: <input checked="" type="checkbox"/> <u>6</u> ft								
PW-3	ON: <input checked="" type="checkbox"/>	OFF: <input type="checkbox"/> <u>16</u> ft	PW-7 ON: <input checked="" type="checkbox"/> OFF: <input type="checkbox"/> <u>7</u> ft								
PW-4	ON: <input type="checkbox"/>	OFF: <input checked="" type="checkbox"/> <u>65507</u> ft	PW-8 ON: <input type="checkbox"/> OFF: <input checked="" type="checkbox"/> <u>5</u> ft								
EQUALIZATION TANK: <u>4</u> ft		Last Alarm D/T/Condition: <u>2/7/08 Air Stripper Low Air Pressure</u>									
NOTES: <u>PW-4 transducer to be replaced</u>											
INFLUENT FLOW RATE: <u>92</u> gpm		INFLUENT TOTALIZER READING: <u>9,654,632.0</u> gallons									
SEQUESTERING AGENT DRUM LEVEL: <u>24.5</u> inches		(x 1.7=) AMOUNT OF AGENT REMAINING: <u>42</u> gallons									
SEQUESTERING AGENT FEED RATE: <u>4.4</u> ml/min		METERING PUMP PRESSURE: <u>1.5</u> psi									
BAG FILTER PRESSURES:											
LEFT: <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="text-align: center;">Top</td><td style="text-align: center;">Bottom</td></tr><tr><td style="text-align: center;">0</td><td style="text-align: center;">0</td></tr></table> psi		Top	Bottom	0	0	RIGHT: <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="text-align: center;">Top</td><td style="text-align: center;">Bottom</td></tr><tr><td style="text-align: center;">4</td><td style="text-align: center;">0</td></tr></table> psi		Top	Bottom	4	0
Top	Bottom										
0	0										
Top	Bottom										
4	0										
INFLUENT FEED PUMP IN USE: #1 <input type="checkbox"/> #2 <input checked="" type="checkbox"/>		INFLUENT PUMP PRESSURE: <u>11</u> psi									
AIR STRIPPER BLOWER IN USE: #1 <input type="checkbox"/> #2 <input checked="" type="checkbox"/>		AIR STRIPPER PRESSURE: <u>14.0</u> in. H ₂ O									
AIR STRIPPER DIFFERENTIAL PRESSURE: <u>0.055</u> in. H ₂ O		DISCHARGE PRESSURE: <u>1.5</u> in. H ₂ O									
EFFLUENT PUMP IN USE: #1 <input checked="" type="checkbox"/> #2 <input type="checkbox"/>		EFFLUENT FEED PUMP PRESSURE: <u>8.5</u> psi									
EFFLUENT FLOW RATE: <u>78</u> gpm		EFFLUENT TOTALIZER READING: <u>41,926,732</u> 931310 gallons									
ARE BUILDING HEATERS IN USE? YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/>		INSIDE TEMPERATURE (° F): <u>57</u>									
IS SUMP PUMP IN USE: YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/>		ARE ANY LEAKS PRESENT? YES: <input type="checkbox"/> NO: <input checked="" type="checkbox"/>									
WATER LEVEL IN SUMP: <u>6.0</u> in.		TREATMENT BUILDING CLEAN & ORGANIZED? YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/>									

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

20-Feb-08

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:

Ice and snow cover on all Electrical Boxes and Monitoring Wells except for a few in groups PW-4 and PW-7

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

Remarks: Emptied (4) gals from Air Stripper exhaust drip bucket.

Other Actions: Weather was too cold and ice cover to do groundwater level measurements; will attempt next week.

M. Steffan called to say the sub slab system blower located behind church building stopped working; a new one has been ordered, which IEG will install next week.

AGWAY

SYSTEM VACUUM: <u> -22 </u> in. H ₂ O				AIR PRESSURE: <u> 85 </u> psi			
SP-1:	<u> 0.0 </u>	scfm	<u> 5.0 </u> psi	PW-5:	<u> 0.0 </u>	scfm	<u> 23.0 </u> psi
SP-2:	<u> 9.0 </u>	scfm	<u> 15.6 </u> psi	PW-6:	<u> 2.8 </u>	scfm	<u> 26.0 </u> psi
SP-3:	<u> 9.0 </u>	scfm	<u> 9.0 </u> 13	PW-7:	<u> 3.5 </u>	scfm	<u> 22.0 </u> psi
SP-4:	<u> 0.0 </u>	scfm	<u> 17.0 </u> psi	PW-8:	<u> 0.0 </u>	scfm	<u> 30.0 </u> psi

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

Remarks: Padlock was frozen and had to be thawed with the torch. Still could not open with duplicate key; obtained original key from office which worked fine.

Other Actions: Drained 4 gals from SVE drum

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

DATE: <u>25-Feb-08</u>		ACTIVITIES: <u>Site Inspection</u>									
INSPECTION PERSONNEL: <u>R. Allen</u>		OTHER PERSONNEL: <u>---</u>									
WEATHER CONDITIONS: <u>Mostly sunny, cold</u>		OUTSIDE TEMPERATURE (°F): <u>26</u>									
ARE WELL PUMPS OPERATING IN AUTO: YES: <input type="checkbox"/> NO: <input checked="" type="checkbox"/> If "NO", provide explanation below											
<u>PW-4 is Off due to maintenance problem</u>											
PROVIDE WATER LEVEL READINGS ON CONTROL PANEL											
RW-1	ON: <input type="checkbox"/>	OFF: <input checked="" type="checkbox"/> <u>11</u> ft	PW-5 ON: <input checked="" type="checkbox"/> OFF: <input type="checkbox"/> <u>21</u> ft								
PW-2	ON: <input checked="" type="checkbox"/>	OFF: <input type="checkbox"/> <u>19</u> ft	PW-6 ON: <input type="checkbox"/> OFF: <input checked="" type="checkbox"/> <u>6</u> ft								
PW-3	ON: <input checked="" type="checkbox"/>	OFF: <input type="checkbox"/> <u>16</u> ft	PW-7 ON: <input type="checkbox"/> OFF: <input checked="" type="checkbox"/> <u>5</u> ft								
PW-4	ON: <input type="checkbox"/>	OFF: <input checked="" type="checkbox"/> <u>65507</u> ft	PW-8 ON: <input checked="" type="checkbox"/> OFF: <input type="checkbox"/> <u>7</u> ft								
EQUALIZATION TANK: <u>4</u> ft		Last Alarm D/T/Condition: <u>2/7/08 Air Stripper Low Pressure</u>									
NOTES: <u>PW-4 transducer to be replaced</u>											
INFLUENT FLOW RATE: <u>78</u> gpm		INFLUENT TOTALIZER READING: <u>9,878,386.0</u> gallons									
SEQUESTERING AGENT DRUM LEVEL: <u>20</u> inches		(x 1.7=) AMOUNT OF AGENT REMAINING: <u>34</u> gallons									
SEQUESTERING AGENT FEED RATE: <u>4.0</u> ml/min		METERING PUMP PRESSURE: <u>4</u> psi									
BAG FILTER PRESSURES:											
LEFT: <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="text-align: center;">Top</td><td style="text-align: center;">Bottom</td></tr><tr><td style="text-align: center;">0</td><td style="text-align: center;">0</td></tr></table> psi		Top	Bottom	0	0	RIGHT: <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="text-align: center;">Top</td><td style="text-align: center;">Bottom</td></tr><tr><td style="text-align: center;">5</td><td style="text-align: center;">0</td></tr></table> psi		Top	Bottom	5	0
Top	Bottom										
0	0										
Top	Bottom										
5	0										
INFLUENT FEED PUMP IN USE: #1 <input checked="" type="checkbox"/> #2 <input type="checkbox"/>		INFLUENT PUMP PRESSURE: <u>11</u> psi									
AIR STRIPPER BLOWER IN USE: #1 <input type="checkbox"/> #2 <input checked="" type="checkbox"/>		AIR STRIPPER PRESSURE: <u>14.0</u> in. H ₂ O									
AIR STRIPPER DIFFERENTIAL PRESSURE: <u>0.055</u> in. H ₂ O		DISCHARGE PRESSURE: <u>1.5</u> in. H ₂ O									
EFFLUENT PUMP IN USE: #1 <input checked="" type="checkbox"/> #2 <input type="checkbox"/>		EFFLUENT FEED PUMP PRESSURE: <u>9.0</u> psi									
EFFLUENT FLOW RATE: <u>84</u> gpm		EFFLUENT TOTALIZER READING: <u>42,056,748</u> 63540 gallons									
ARE BUILDING HEATERS IN USE? YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/>		INSIDE TEMPERATURE (°F): <u>56</u>									
IS SUMP PUMP IN USE: YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/>		ARE ANY LEAKS PRESENT? YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/>									
WATER LEVEL IN SUMP: <u>6.0</u> in.		TREATMENT BUILDING CLEAN & ORGANIZED? YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/>									

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

25-Feb-08

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:

Ice and snow cover on Electrical Boxes and Monitoring Wells except for some in groups RW-1, PW-4 and PW-7.

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

Remarks: Emptied (3) gals from Air Stripper exhaust drip bucket.

Other Actions: _____

AGWAY

SYSTEM VACUUM: <u> -22 </u> in. H ₂ O			AIR PRESSURE: <u> 110 </u> psi		
SP-1:	<u> 0.0 </u> scfm	<u> 6.0 </u> psi	PW-5:	<u> 0.0 </u> scfm	<u> 28.0 </u> psi
SP-2:	<u> 6.0 </u> scfm	<u> 10.0 </u> psi	PW-6:	<u> 3.0 </u> scfm	<u> 23.0 </u> psi
SP-3:	<u> 5.2 </u> scfm	<u> 9.5 </u> psi	PW-7:	<u> 0.0 </u> scfm	<u> >30 </u> psi
SP-4:	<u> 0.0 </u> scfm	<u> 11.0 </u> psi	PW-8:	<u> 0.0 </u> scfm	<u> >30 </u> psi

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

Remarks: Wrapped padlock and door handle with plastic bag

Other Actions: _____

Attachment B
Analytical Report from
Mitkem Corporation

Analytical Data Package/SDG: #G0163
Sampled: February 5, 2008



A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

February 22, 2008

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 #: G0163

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

Mitkem Laboratories

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

Project Name : Mr. C's Dry Cleaning -- 002700.DC13.02.01.02

SDG : G0163

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
INFLUENT	G0163-01	SW8260_W			SM2340_W	SEE DATA
EFFLUENT	G0163-02	SW8260_W			SM2340_W	SEE DATA

Mitkem Laboratories

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

Project Name : Mr. C's Dry Cleaning -- 002700.DC13.02.01.02

SDG : G0163

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
SW8260_W					
G0163-01A	AQ	2/5/2008	2/6/2008	NA	2/15/2008
G0163-02A	AQ	2/5/2008	2/6/2008	NA	2/14/2008

Mitkem Laboratories

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

Project Name : Mr. C's Dry Cleaning -- 002700.DC13.02.01.02

SDG : G0163

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Low/Medium Level	Dil/Conc Factor
SW8260_W					
G0163-01A	AQ	SW8260_W	NA	LOW	20
G0163-02A	AQ	SW8260_W	NA	LOW	1

Mitkem Laboratories

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

Project Name : Mr. C's Dry Cleaning -- 002700.DC13.02.01.02

SDG : G0163

Laboratory Sample ID	Matrix	Metals Requested	Date Received By Lab	Date Analyzed
SM2340_W				
G0163-01C	AQ	SM2340_W	2/6/2008	2/7/2008
G0163-01CDUP	AQ	SM2340_W	2/6/2008	2/7/2008
G0163-02C	AQ	SM2340_W	2/6/2008	2/7/2008

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

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

Mitkem Work Order ID: G0163

February 22, 2008

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

0001
~~0001~~ 2/22/08

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 two aqueous samples that were received on February 6, 2008. 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 V1: OI Analytical #10 trap containing 8 cm each of Tenax, silica gel and carbon molecular sieve.

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

Aqueous samples were hydrochloric acid preserved, pH <2.

Surrogate recovery: recoveries were within the QC limits.

Laboratory control sample/ laboratory control sample duplicate: spike recoveries were within the QC limits with the exception of methyl acetate in V1PLCSD. Replicate RPDs were within the QC limits.

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

2. Wet Chemistry Analyses:

Duplicate: duplicate analyses were performed on sample INFLUENT for hardness analysis, and sample EFFLUENT for pH analysis. Replicate RPDs were within the QC limits.

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

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

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



Shirley Ng
Project Manager
02/22/08

Client ID: ENE

Case:

Report Level: ASP-A

Project: Mr. C's Dry Cleaning

SDG:

EDD: ENE

Location: 002700.DC13.02.01.02

PO: 002700.DC13.02.01.02

HC Due: 02/25/08

Comments: 1 ppb ICAL for VOA. Run Influent sample by 10 X dilution, low result in effluent expected. report thru LIMS.

Fax Due:

Sample ID	HS Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
G0163-01A	INFLUENT	02/05/2008 12:00	02/06/2008	Aqueous	SW8260_W	OLM_VOA,	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA
G0163-01B	INFLUENT	02/05/2008 12:00	02/06/2008	Aqueous	SM4500_H+		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B3
G0163-01C	INFLUENT	02/05/2008 12:00	02/06/2008	Aqueous	SM2340_W		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	M4
G0163-02A	EFFLUENT	02/05/2008 12:00	02/06/2008	Aqueous	SW8260_W	OLM_VOA,	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA
G0163-02B	EFFLUENT	02/05/2008 12:00	02/06/2008	Aqueous	SM4500_H+		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B3
G0163-02C	EFFLUENT	02/05/2008 12:00	02/06/2008	Aqueous	SM2340_W		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	M4

Sample Transmittal Documentation



A DIVISION OF SPECTRUM ANALYTICAL, INC. FEATURING HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

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

Report To: E & F, Inc
Mike Steffan
368 Pleasantview Dr
Lancaster, NY 14086
 Project Mgr.: Mike Steffan

Invoice To: Same
 P.O. No.: _____
 RQN: _____

Project No.: 00270, DCOZ
 Site Name: Mr C's O&M
 Location: East Aurora State: NY
 Sampler(s): R. Allen

1=Na₂S₂O₃ 2=HCl 3=H₂SO₄ 4=HNO₃ 5=NaOH 6=Ascorbic Acid
 7=CH₃OH 8=NaHSO₄ 9=____ 10=____
 DW=Drinking Water GW=Groundwater WW=Wastewater
 O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
 X1=____ X2=____ X3=____

Containers:	Analyses:	QA Reporting Notes:
# of VOA Vials	Hardness VOC PH	<input type="checkbox"/> Provide MA DEP MCP CAM Report <input type="checkbox"/> Provide CT DEP RCP Report QA/QC Reporting Level <input type="checkbox"/> Standard <input type="checkbox"/> No QC <input type="checkbox"/> Other _____ State specific reporting standards:
# of Amber Glass		
# of Clear Glass		
# of Plastic		

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic
01 INFLUENT	INFLUENT	2/5/08	12:00 P	G	GW	VN				
01 INFLUENT	INFLUENT		12:00 P	G	GW	HA03				
01 INFLUENT	INFLUENT		12:30 P	G	GW	HC1	2			
02 EFFLUENT	EFFLUENT		12:00 P	G	GW	VN				
02 EFFLUENT	EFFLUENT		12:00 P	G	GW	HA03				
02 EFFLUENT	EFFLUENT		12:30 P	G	GW	HC1	2			

Fax results when available to (716) 684-0844
 E-mail to m.steffan@ene.com
 EDD Format _____
 Condition upon receipt: Fed Ambient °C 4

Relinquished by: Richard C Allen, Jr
 Received by: [Signature]
 Date: 2/6/08 Time: 11:50
REG-16103

MITKEM LABORATORIES

Sample Condition Form

Page 1 of 1

Received By: <u>VEG</u>	Reviewed By: <u>KP</u>	Date: <u>2/6/08</u>	MITKEM Workorder #: <u>G-0163</u>				
Client Project: <u>Mr. C Compliance</u>		Client: <u>ENE</u>					
1) Cooler Sealed <input checked="" type="radio"/> Yes / No	Lab Sample ID	Preservation (pH)				VOA Matrix	Soil Headspace or Air Bubbles $\geq 1/4"$
		HNO ₃	H ₂ SO ₄	HCl	NaOH		
	<u>G0163-01</u>	<u>L2</u>				<u>H</u>	
	<u>G0163-02</u>	<u>L2</u>				<u>H</u>	
2) Custody Seal(s) <input checked="" type="radio"/> Present / Absent Coolers / Bottles <input checked="" type="radio"/> Intact / Broken							
3) Custody Seal Number(s) <u>N/A</u>							
4) Chain-of-Custody <input checked="" type="radio"/> Present / Absent							
5) Cooler Temperature <u>4°C</u> Coolant Condition <u>ICE</u>							
6) Airbill(s) <input checked="" type="radio"/> Present / Absent Airbill Number(s) <u>VPS</u> <u>12 FR8 725139074783</u>							
7) Sample Bottles <input checked="" type="radio"/> Intact / Broken / Leaking							
8) Date Received <u>2/6/08</u>							
9) Time Received <u>11:50</u>							
Preservative Name/Lot No:							

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



* Volatiles *

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

INFLUENT

Lab Name: Mitkem Laboratories Contract: _____
 Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MG0163
 Matrix: (soil/water) WATER Lab Sample ID: G0163-01A
 Sample wt/vol: 5 (G/ML) ML Lab File ID: V1J4170.D
 Level: (low/med) LOW Date Received: 02/06/2008
 % Moisture: not dec. Date Analyzed: 02/15/2008
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: _____ 20.00
 Soil Extract Volume: _____ (µL) Soil Aliquot Volume: _____ (µL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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	27	
75-34-3	1,1-Dichloroethane	20	U
78-93-3	2-Butanone	100	U
156-59-2	cis-1,2-Dichloroethene	45	
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	120	
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	2800	
591-78-6	2-Hexanone	100	U
124-48-1	Dibromochloromethane	20	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

INFLUENT

Lab Name: Mitkem Laboratories Contract: _____
 Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MG0163
 Matrix: (soil/water) WATER Lab Sample ID: G0163-01A
 Sample wt/vol: 5 (G/ML) ML Lab File ID: V1J4170.D
 Level: (low/med) LOW Date Received: 02/06/2008
 % Moisture: not dec. Date Analyzed: 02/15/2008
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: _____ 20.00
 Soil Extract Volume: _____ (µL) Soil Aliquot Volume: _____ (µL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EFFLUENT

Lab Name: Mitkem Laboratories Contract: _____
 Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MG0163
 Matrix: (soil/water) WATER Lab Sample ID: G0163-02A
 Sample wt/vol: 5 (G/ML) ML Lab File ID: V1J4139.D
 Level: (low/med) LOW Date Received: 02/06/2008
 % Moisture: not dec. Date Analyzed: 02/14/2008
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: _____ 1.00
 Soil Extract Volume: _____ (µL) Soil Aliquot Volume: _____ (µL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EFFLUENT

Lab Name: Mitkem Laboratories Contract: _____
 Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MG0163
 Matrix: (soil/water) WATER Lab Sample ID: G0163-02A
 Sample wt/vol: 5 (G/ML) ML Lab File ID: V1J4139.D
 Level: (low/med) LOW Date Received: 02/06/2008
 % Moisture: not dec. Date Analyzed: 02/14/2008
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: _____ 1.00
 Soil Extract Volume: _____ (µL) Soil Aliquot Volume: _____ (µL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V10LCS

Lab Name: Mitkem Laboratories

Contract: _____

Lab Code: MITKEM Case No.: _____SAS No.: _____ SDG No.: MG0163Matrix: (soil/water) WATERLab Sample ID: LCS-34900Sample wt/vol: 5 (G/ML) MLLab File ID: V1J4134.DLevel: (low/med) LOW

Date Received: _____

% Moisture: not dec.Date Analyzed: 02/14/2008GC Column: DB-624ID: 0.25 (mm)

Dilution Factor: _____

1.00

Soil Extract Volume: _____

(µL)

Soil Aliquot Volume: _____

(µL)

CONCENTRATION UNITS:

(µg/L or µg/Kg) UG/L

Q

CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	48	
74-87-3	Chloromethane	51	
75-01-4	Vinyl chloride	48	
74-83-9	Bromomethane	48	
75-00-3	Chloroethane	49	
75-69-4	Trichlorofluoromethane	46	
75-35-4	1,1-Dichloroethene	49	
67-64-1	Acetone	40	B
75-15-0	Carbon disulfide	48	
75-09-2	Methylene chloride	49	
156-60-5	trans-1,2-Dichloroethene	50	
1634-04-4	Methyl tert-butyl ether	48	
75-34-3	1,1-Dichloroethane	49	
78-93-3	2-Butanone	51	
156-59-2	cis-1,2-Dichloroethene	50	
67-66-3	Chloroform	49	
71-55-6	1,1,1-Trichloroethane	49	
56-23-5	Carbon tetrachloride	49	
107-06-2	1,2-Dichloroethane	49	
71-43-2	Benzene	48	
79-01-6	Trichloroethene	48	
78-87-5	1,2-Dichloropropane	49	
75-27-4	Bromodichloromethane	50	
10061-01-5	cis-1,3-Dichloropropene	52	
108-10-1	4-Methyl-2-pentanone	53	
108-88-3	Toluene	49	
10061-02-6	trans-1,3-Dichloropropene	52	
79-00-5	1,1,2-Trichloroethane	50	
127-18-4	Tetrachloroethene	49	
591-78-6	2-Hexanone	51	
124-48-1	Dibromochloromethane	52	

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V10LCS

Lab Name: Mitkem Laboratories Contract: _____
 Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MG0163
 Matrix: (soil/water) WATER Lab Sample ID: LCS-34900
 Sample wt/vol: 5 (G/ML) ML Lab File ID: V1J4134.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 02/14/2008
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: _____ 1.00
 Soil Extract Volume: _____ (µL) Soil Aliquot Volume: _____ (µL)

CONCENTRATION UNITS:

(µg/L or µg/Kg) UG/L Q

CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
106-93-4	1,2-Dibromoethane	53	
108-90-7	Chlorobenzene	50	
100-41-4	Ethylbenzene	51	
1330-20-7	Xylene (Total)	150	
100-42-5	Styrene	54	
75-25-2	Bromoform	58	
98-82-8	Isopropylbenzene	51	
79-34-5	1,1,2,2-Tetrachloroethane	47	
541-73-1	1,3-Dichlorobenzene	47	
106-46-7	1,4-Dichlorobenzene	45	
95-50-1	1,2-Dichlorobenzene	47	
96-12-8	1,2-Dibromo-3-chloropropane	45	
120-82-1	1,2,4-Trichlorobenzene	47	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	49	
110-82-7	Cyclohexane	51	
79-20-9	Methyl acetate	40	
108-87-2	Methylcyclohexane	49	

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V10LCSD

Lab Name: Mitkem Laboratories Contract: _____
 Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MG0163
 Matrix: (soil/water) WATER Lab Sample ID: LCSD-34900
 Sample wt/vol: 5 (G/ML) ML Lab File ID: V1J4135.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 02/14/2008
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: _____ 1.00
 Soil Extract Volume: _____ (µL) Soil Aliquot Volume: _____ (µL)

CONCENTRATION UNITS:

(µg/L or µg/Kg) UG/L Q

CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	50	
74-87-3	Chloromethane	54	
75-01-4	Vinyl chloride	50	
74-83-9	Bromomethane	47	
75-00-3	Chloroethane	53	
75-69-4	Trichlorofluoromethane	52	
75-35-4	1,1-Dichloroethene	52	
67-64-1	Acetone	42	B
75-15-0	Carbon disulfide	52	
75-09-2	Methylene chloride	51	
156-60-5	trans-1,2-Dichloroethene	53	
1634-04-4	Methyl tert-butyl ether	53	
75-34-3	1,1-Dichloroethane	53	
78-93-3	2-Butanone	53	
156-59-2	cis-1,2-Dichloroethene	51	
67-66-3	Chloroform	51	
71-55-6	1,1,1-Trichloroethane	52	
56-23-5	Carbon tetrachloride	52	
107-06-2	1,2-Dichloroethane	52	
71-43-2	Benzene	51	
79-01-6	Trichloroethene	52	
78-87-5	1,2-Dichloropropane	52	
75-27-4	Bromodichloromethane	52	
10061-01-5	cis-1,3-Dichloropropene	55	
108-10-1	4-Methyl-2-pentanone	56	
108-88-3	Toluene	52	
10061-02-6	trans-1,3-Dichloropropene	54	
79-00-5	1,1,2-Trichloroethane	52	
127-18-4	Tetrachloroethene	52	
591-78-6	2-Hexanone	55	
124-48-1	Dibromochloromethane	55	

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V10LCSD

Lab Name: Mitkem Laboratories Contract: _____
 Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MG0163
 Matrix: (soil/water) WATER Lab Sample ID: LCSD-34900
 Sample wt/vol: 5 (G/ML) ML Lab File ID: V1J4135.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 02/14/2008
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: _____ 1.00
 Soil Extract Volume: _____ (µL) Soil Aliquot Volume: _____ (µL)

CONCENTRATION UNITS:

(µg/L or µg/Kg) UG/L Q

CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
106-93-4	1,2-Dibromoethane	54	
108-90-7	Chlorobenzene	51	
100-41-4	Ethylbenzene	53	
1330-20-7	Xylene (Total)	160	
100-42-5	Styrene	57	
75-25-2	Bromoform	60	
98-82-8	Isopropylbenzene	54	
79-34-5	1,1,2,2-Tetrachloroethane	52	
541-73-1	1,3-Dichlorobenzene	51	
106-46-7	1,4-Dichlorobenzene	50	
95-50-1	1,2-Dichlorobenzene	52	
96-12-8	1,2-Dibromo-3-chloropropane	51	
120-82-1	1,2,4-Trichlorobenzene	53	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	52	
110-82-7	Cyclohexane	53	
79-20-9	Methyl acetate	42	
108-87-2	Methylcyclohexane	55	

VOLATILE ORGANICS ANALYSIS DATA SHEET

V1PLCS

Lab Name: Mitkem Laboratories Contract: _____
 Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MG0163
 Matrix: (soil/water) WATER Lab Sample ID: LCS-34933
 Sample wt/vol: 5 (G/ML) ML Lab File ID: V1J4164.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 02/15/2008
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: _____ 1.00
 Soil Extract Volume: _____ (µL) Soil Aliquot Volume: _____ (µL)

CONCENTRATION UNITS:

(µg/L or µg/Kg) UG/L

Q

CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	46	
74-87-3	Chloromethane	45	
75-01-4	Vinyl chloride	42	
74-83-9	Bromomethane	46	
75-00-3	Chloroethane	44	
75-69-4	Trichlorofluoromethane	46	
75-35-4	1,1-Dichloroethene	43	
67-64-1	Acetone	35	
75-15-0	Carbon disulfide	44	
75-09-2	Methylene chloride	44	
156-60-5	trans-1,2-Dichloroethene	46	
1634-04-4	Methyl tert-butyl ether	44	
75-34-3	1,1-Dichloroethane	45	
78-93-3	2-Butanone	47	
156-59-2	cis-1,2-Dichloroethene	46	
67-66-3	Chloroform	44	
71-55-6	1,1,1-Trichloroethane	45	
56-23-5	Carbon tetrachloride	44	
107-06-2	1,2-Dichloroethane	44	
71-43-2	Benzene	45	
79-01-6	Trichloroethene	46	
78-87-5	1,2-Dichloropropane	44	
75-27-4	Bromodichloromethane	44	
10061-01-5	cis-1,3-Dichloropropene	46	
108-10-1	4-Methyl-2-pentanone	42	
108-88-3	Toluene	45	
10061-02-6	trans-1,3-Dichloropropene	46	
79-00-5	1,1,2-Trichloroethane	46	
127-18-4	Tetrachloroethene	47	
591-78-6	2-Hexanone	41	
124-48-1	Dibromochloromethane	47	

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V1PLCS

Lab Name: Mitkem Laboratories Contract: _____
 Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MG0163
 Matrix: (soil/water) WATER Lab Sample ID: LCS-34933
 Sample wt/vol: 5 (G/ML) ML Lab File ID: V1J4164.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 02/15/2008
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: _____ 1.00
 Soil Extract Volume: _____ (µL) Soil Aliquot Volume: _____ (µL)

CONCENTRATION UNITS:

CAS NO. COMPOUND

(µg/L or µg/Kg) UG/L

Q

CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
106-93-4	1,2-Dibromoethane	48	
108-90-7	Chlorobenzene	45	
100-41-4	Ethylbenzene	47	
1330-20-7	Xylene (Total)	140	
100-42-5	Styrene	49	
75-25-2	Bromoform	52	
98-82-8	Isopropylbenzene	46	
79-34-5	1,1,2,2-Tetrachloroethane	43	
541-73-1	1,3-Dichlorobenzene	44	
106-46-7	1,4-Dichlorobenzene	43	
95-50-1	1,2-Dichlorobenzene	43	
96-12-8	1,2-Dibromo-3-chloropropane	38	
120-82-1	1,2,4-Trichlorobenzene	43	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	47	
110-82-7	Cyclohexane	46	
79-20-9	Methyl acetate	35	
108-87-2	Methylcyclohexane	47	

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V1PLCSD

Lab Name: Mitkem Laboratories

Contract: _____

Lab Code: MITKEM Case No.: _____SAS No.: _____ SDG No.: MG0163Matrix: (soil/water) WATERLab Sample ID: LCSD-34933Sample wt/vol: 5 (G/ML) MLLab File ID: V1J4165.DLevel: (low/med) LOW

Date Received: _____

% Moisture: not dec.Date Analyzed: 02/15/2008GC Column: DB-624ID: 0.25 (mm)

Dilution Factor: _____

1.00

Soil Extract Volume: _____ (µL)

Soil Aliquot Volume: _____

(µL)

CONCENTRATION UNITS:

CAS NO. COMPOUND

(µg/L or µg/Kg) UG/L

Q

CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	43	
74-87-3	Chloromethane	43	
75-01-4	Vinyl chloride	43	
74-83-9	Bromomethane	39	
75-00-3	Chloroethane	41	
75-69-4	Trichlorofluoromethane	45	
75-35-4	1,1-Dichloroethene	43	
67-64-1	Acetone	32	
75-15-0	Carbon disulfide	43	
75-09-2	Methylene chloride	42	
156-60-5	trans-1,2-Dichloroethene	44	
1634-04-4	Methyl tert-butyl ether	43	
75-34-3	1,1-Dichloroethane	43	
78-93-3	2-Butanone	50	
156-59-2	cis-1,2-Dichloroethene	43	
67-66-3	Chloroform	43	
71-55-6	1,1,1-Trichloroethane	44	
56-23-5	Carbon tetrachloride	43	
107-06-2	1,2-Dichloroethane	43	
71-43-2	Benzene	44	
79-01-6	Trichloroethene	44	
78-87-5	1,2-Dichloropropane	43	
75-27-4	Bromodichloromethane	43	
10061-01-5	cis-1,3-Dichloropropene	45	
108-10-1	4-Methyl-2-pentanone	44	
108-88-3	Toluene	44	
10061-02-6	trans-1,3-Dichloropropene	44	
79-00-5	1,1,2-Trichloroethane	45	
127-18-4	Tetrachloroethene	45	
591-78-6	2-Hexanone	46	
124-48-1	Dibromochloromethane	46	

VOLATILE ORGANICS ANALYSIS DATA SHEET

V1PLCSD

Lab Name: Mitkem Laboratories Contract: _____
 Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MG0163
 Matrix: (soil/water) WATER Lab Sample ID: LCSD-34933
 Sample wt/vol: 5 (G/ML) ML Lab File ID: V1J4165.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 02/15/2008
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: _____ 1.00
 Soil Extract Volume: _____ (µL) Soil Aliquot Volume: _____ (µL)

CONCENTRATION UNITS:

(µg/L or µg/Kg) UG/L Q

CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
106-93-4	1,2-Dibromoethane	46	
108-90-7	Chlorobenzene	44	
100-41-4	Ethylbenzene	45	
1330-20-7	Xylene (Total)	140	
100-42-5	Styrene	48	
75-25-2	Bromoform	50	
98-82-8	Isopropylbenzene	46	
79-34-5	1,1,2,2-Tetrachloroethane	42	
541-73-1	1,3-Dichlorobenzene	44	
106-46-7	1,4-Dichlorobenzene	43	
95-50-1	1,2-Dichlorobenzene	43	
96-12-8	1,2-Dibromo-3-chloropropane	40	
120-82-1	1,2,4-Trichlorobenzene	45	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	44	
110-82-7	Cyclohexane	45	
79-20-9	Methyl acetate	34	
108-87-2	Methylcyclohexane	46	

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK10

Lab Name: Mitkem Laboratories Contract: _____
 Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MG0163
 Matrix: (soil/water) WATER Lab Sample ID: MB-34900
 Sample wt/vol: _____ 5 (G/ML) ML Lab File ID: V1J4133.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 02/14/2008
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: _____ 1.00
 Soil Extract Volume: _____ (µL) Soil Aliquot Volume: _____ (µL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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	6.8	
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

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK10

Lab Name: Mitkem Laboratories Contract: _____
 Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MG0163
 Matrix: (soil/water) WATER Lab Sample ID: MB-34900
 Sample wt/vol: 5 (G/ML) ML Lab File ID: V1J4133.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 02/14/2008
 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

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1P

Lab Name: Mitkem Laboratories Contract: _____
 Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MG0163
 Matrix: (soil/water) WATER Lab Sample ID: MB-34933
 Sample wt/vol: 5 (G/ML) ML Lab File ID: V1J4163.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 02/15/2008
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: _____ 1.00
 Soil Extract Volume: _____ (µL) Soil Aliquot Volume: _____ (µL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1P

Lab Name: Mitkem Laboratories

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: MG0163Matrix: (soil/water) WATERLab Sample ID: MB-34933Sample wt/vol: 5 (G/ML) MLLab File ID: V1J4163.DLevel: (low/med) LOW

Date Received: _____

% Moisture: not dec.Date Analyzed: 02/15/2008GC Column: DB-624ID: 0.25 (mm)

Dilution Factor: _____

1.00

Soil Extract Volume: _____ (µL)

Soil Aliquot Volume: _____

(µL)

CONCENTRATION UNITS:

CAS NO. COMPOUND

(µg/L or µg/Kg) UG/L

Q

CAS NO.	COMPOUND	(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

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: Mitkem Laboratories

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: MG0163

	EPA SAMPLE NO.	SMC1 DBFM #	SMC2 DCE #	SMC3 TOL #	SMC4 BFB #	TOT OUT
01	VBLK10	100	105	97	94	0
02	V10LCS	100	101	101	101	0
03	V10LCSD	101	97	99	100	0
04	EFFLUENT	106	112	95	98	0
05	VBLK1P	102	105	99	89	0
06	V1PLCS	102	103	97	97	0
07	V1PLCSD	102	99	97	98	0
08	INFLUENT	103	107	97	93	0

QC Limits

SMC 1 DBFM = Dibromofluoromethane (85-115)
 SMC 2 DCE = 1,2-Dichloroethane-d4 (70-120)
 SMC 3 TOL = Toluene-d8 (85-120)
 SMC 4 BFB = Bromofluorobenzene (75-120)

Column to be used to flag recovery values

* Values outside of contract required QC limits

WATER VOLATILE LABORATORY CONTROL SAMPLE/DUPLICATE RECOVERY

Lab Name: Mitkem Laboratories Contract: _____Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MG0163Matrix Spike - EPA Sample No.: V10LCS

COMPOUND	SPIKE ADDED (µg/L)	BLANK CONCENTRATION (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	50	0	48	96	30-155
Chloromethane	50	0	51	102	40-125
Vinyl chloride	50	0	48	96	50-145
Bromomethane	50	0	48	96	30-145
Chloroethane	50	0	49	98	60-135
Trichlorofluoromethane	50	0	46	92	60-145
1,1-Dichloroethene	50	0	49	98	70-130
Acetone	50	0	40	80	40-140
Carbon disulfide	50	0	48	96	35-160
Methylene chloride	50	0	49	98	55-140
trans-1,2-Dichloroethene	50	0	50	100	60-140
Methyl tert-butyl ether	50	0	48	96	65-125
1,1-Dichloroethane	50	0	49	98	70-135
2-Butanone	50	0	51	102	30-150
cis-1,2-Dichloroethene	50	0	50	100	70-125
Chloroform	50	0	49	98	65-135
1,1,1-Trichloroethane	50	0	49	98	65-130
Carbon tetrachloride	50	0	49	98	65-140
1,2-Dichloroethane	50	0	49	98	70-130
Benzene	50	0	48	96	80-120
Trichloroethene	50	0	48	96	70-125
1,2-Dichloropropane	50	0	49	98	75-125
Bromodichloromethane	50	0	50	100	75-120
cis-1,3-Dichloropropene	50	0	52	104	70-130
4-Methyl-2-pentanone	50	0	53	106	60-135
Toluene	50	0	49	98	75-120
trans-1,3-Dichloropropene	50	0	52	104	55-140
1,1,2-Trichloroethane	50	0	50	100	75-125
Tetrachloroethene	50	0	49	98	45-150
2-Hexanone	50	0	51	102	55-130
Dibromochloromethane	50	0	52	104	60-135

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

* Values outside of QC limits

COMMENTS:

WATER VOLATILE LABORATORY CONTROL SAMPLE/DUPLICATE RECOVERY

Lab Name: Mitkem Laboratories Contract: _____Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MG0163Matrix Spike - EPA Sample No.: V10LCS

1,2-Dibromoethane	50	0	53	106	80-120
Chlorobenzene	50	0	50	100	80-120
Ethylbenzene	50	0	51	102	75-125
Xylene (Total)	150	0	150	100	81-121
Styrene	50	0	54	108	65-135
Bromoform	50	0	58	116	70-130
Isopropylbenzene	50	0	51	102	75-125
1,1,2,2-Tetrachloroethane	50	0	47	94	65-130
1,3-Dichlorobenzene	50	0	47	94	75-125
1,4-Dichlorobenzene	50	0	45	90	75-125
1,2-Dichlorobenzene	50	0	47	94	70-120
1,2-Dibromo-3-chloropropa	50	0	45	90	50-130
1,2,4-Trichlorobenzene	50	0	47	94	65-135
1,1,2-Trichloro-1,2,2-tri	50	0	49	98	70-130
Cyclohexane	50	0	51	102	70-130
Methyl acetate	50	0	40	80	70-130
Methylcyclohexane	50	0	49	98	70-130

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

* Values outside of QC limits

COMMENTS: _____

WATER VOLATILE LABORATORY CONTROL SAMPLE/DUPLICATE RECOVERY

Lab Name: Mitkem Laboratories Contract: _____Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MG0163Matrix Spike - EPA Sample No.: VIOLCSD

COMPOUND	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Dichlorodifluoromethane	50	50	100	4	40	30-155
Chloromethane	50	54	108	6	40	40-125
Vinyl chloride	50	50	100	4	40	50-145
Bromomethane	50	47	94	2	40	30-145
Chloroethane	50	53	106	8	40	60-135
Trichlorofluoromethane	50	52	104	12	40	60-145
1,1-Dichloroethene	50	52	104	6	40	70-130
Acetone	50	42	84	5	40	40-140
Carbon disulfide	50	52	104	8	40	35-160
Methylene chloride	50	51	102	4	40	55-140
trans-1,2-Dichloroethene	50	53	106	6	40	60-140
Methyl tert-butyl ether	50	53	106	10	40	65-125
1,1-Dichloroethane	50	53	106	8	40	70-135
2-Butanone	50	53	106	4	40	30-150
cis-1,2-Dichloroethene	50	51	102	2	40	70-125
Chloroform	50	51	102	4	40	65-135
1,1,1-Trichloroethane	50	52	104	6	40	65-130
Carbon tetrachloride	50	52	104	6	40	65-140
1,2-Dichloroethane	50	52	104	6	40	70-130
Benzene	50	51	102	6	40	80-120
Trichloroethene	50	52	104	8	40	70-125
1,2-Dichloropropane	50	52	104	6	40	75-125
Bromodichloromethane	50	52	104	4	40	75-120
cis-1,3-Dichloropropene	50	55	110	6	40	70-130
4-Methyl-2-pentanone	50	56	112	6	40	60-135
Toluene	50	52	104	6	40	75-120
trans-1,3-Dichloropropene	50	54	108	4	40	55-140
1,1,2-Trichloroethane	50	52	104	4	40	75-125
Tetrachloroethene	50	52	104	6	40	45-150
2-Hexanone	50	55	110	8	40	55-130
Dibromochloromethane	50	55	110	6	40	60-135

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

* Values outside of QC limits

COMMENTS: _____

WATER VOLATILE LABORATORY CONTROL SAMPLE/DUPLICATE RECOVERY

Lab Name: Mitkem Laboratories Contract: _____Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MG0163Matrix Spike - EPA Sample No.: V10LCSD

1,2-Dibromoethane	50	54	108	2	40	80-120
Chlorobenzene	50	51	102	2	40	80-120
Ethylbenzene	50	53	106	4	40	75-125
Xylene (Total)	150	160	107	7	40	81-121
Styrene	50	57	114	5	40	65-135
Bromoform	50	60	120	3	40	70-130
Isopropylbenzene	50	54	108	6	40	75-125
1,1,2,2-Tetrachloroethane	50	52	104	10	40	65-130
1,3-Dichlorobenzene	50	51	102	8	40	75-125
1,4-Dichlorobenzene	50	50	100	11	40	75-125
1,2-Dichlorobenzene	50	52	104	10	40	70-120
1,2-Dibromo-3-chloropropa	50	51	102	12	40	50-130
1,2,4-Trichlorobenzene	50	53	106	12	40	65-135
1,1,2-Trichloro-1,2,2-tri	50	52	104	6	40	70-130
Cyclohexane	50	53	106	4	40	70-130
Methyl acetate	50	42	84	5	40	70-130
Methylcyclohexane	50	55	110	12	40	70-130

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

* Values outside of QC limits

COMMENTS: _____

WATER VOLATILE LABORATORY CONTROL SAMPLE/DUPLICATE RECOVERY

Lab Name: Mitkem Laboratories Contract: _____Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MG0163Matrix Spike - EPA Sample No.: V1PLCS

COMPOUND	SPIKE ADDED (µg/L)	BLANK CONCENTRATION (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	50	0	46	92	30-155
Chloromethane	50	0	45	90	40-125
Vinyl chloride	50	0	42	84	50-145
Bromomethane	50	0	46	92	30-145
Chloroethane	50	0	44	88	60-135
Trichlorofluoromethane	50	0	46	92	60-145
1,1-Dichloroethene	50	0	43	86	70-130
Acetone	50	0	35	70	40-140
Carbon disulfide	50	0	44	88	35-160
Methylene chloride	50	0	44	88	55-140
trans-1,2-Dichloroethene	50	0	46	92	60-140
Methyl tert-butyl ether	50	0	44	88	65-125
1,1-Dichloroethane	50	0	45	90	70-135
2-Butanone	50	0	47	94	30-150
cis-1,2-Dichloroethene	50	0	46	92	70-125
Chloroform	50	0	44	88	65-135
1,1,1-Trichloroethane	50	0	45	90	65-130
Carbon tetrachloride	50	0	44	88	65-140
1,2-Dichloroethane	50	0	44	88	70-130
Benzene	50	0	45	90	80-120
Trichloroethene	50	0	46	92	70-125
1,2-Dichloropropane	50	0	44	88	75-125
Bromodichloromethane	50	0	44	88	75-120
cis-1,3-Dichloropropene	50	0	46	92	70-130
4-Methyl-2-pentanone	50	0	42	84	60-135
Toluene	50	0	45	90	75-120
trans-1,3-Dichloropropene	50	0	46	92	55-140
1,1,2-Trichloroethane	50	0	46	92	75-125
Tetrachloroethene	50	0	47	94	45-150
2-Hexanone	50	0	41	82	55-130
Dibromochloromethane	50	0	47	94	60-135

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

* Values outside of QC limits

COMMENTS: _____

WATER VOLATILE LABORATORY CONTROL SAMPLE/DUPLICATE RECOVERY

Lab Name: Mitkem Laboratories Contract: _____Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MG0163Matrix Spike - EPA Sample No.: V1PLCS

1,2-Dibromoethane	50	0	48	96	80-120
Chlorobenzene	50	0	45	90	80-120
Ethylbenzene	50	0	47	94	75-125
Xylene (Total)	150	0	140	93	81-121
Styrene	50	0	49	98	65-135
Bromoform	50	0	52	104	70-130
Isopropylbenzene	50	0	46	92	75-125
1,1,2,2-Tetrachloroethane	50	0	43	86	65-130
1,3-Dichlorobenzene	50	0	44	88	75-125
1,4-Dichlorobenzene	50	0	43	86	75-125
1,2-Dichlorobenzene	50	0	43	86	70-120
1,2-Dibromo-3-chloropropa	50	0	38	76	50-130
1,2,4-Trichlorobenzene	50	0	43	86	65-135
1,1,2-Trichloro-1,2,2-tri	50	0	47	94	70-130
Cyclohexane	50	0	46	92	70-130
Methyl acetate	50	0	35	70	70-130
Methylcyclohexane	50	0	47	94	70-130

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

* Values outside of QC limits

COMMENTS: _____

WATER VOLATILE LABORATORY CONTROL SAMPLE/DUPLICATE RECOVERY

Lab Name: Mitkem Laboratories Contract: _____Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MG0163Matrix Spike - EPA Sample No.: V1PLCSD

COMPOUND	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD		QC LIMITS	
			% REC #	% RPD #	RPD	REC.
Dichlorodifluoromethane	50	43	86	7	40	30-155
Chloromethane	50	43	86	5	40	40-125
Vinyl chloride	50	43	86	2	40	50-145
Bromomethane	50	39	78	16	40	30-145
Chloroethane	50	41	82	7	40	60-135
Trichlorofluoromethane	50	45	90	2	40	60-145
1,1-Dichloroethene	50	43	86	0	40	70-130
Acetone	50	32	64	9	40	40-140
Carbon disulfide	50	43	86	2	40	35-160
Methylene chloride	50	42	84	5	40	55-140
trans-1,2-Dichloroethene	50	44	88	4	40	60-140
Methyl tert-butyl ether	50	43	86	2	40	65-125
1,1-Dichloroethane	50	43	86	5	40	70-135
2-Butanone	50	50	100	6	40	30-150
cis-1,2-Dichloroethene	50	43	86	7	40	70-125
Chloroform	50	43	86	2	40	65-135
1,1,1-Trichloroethane	50	44	88	2	40	65-130
Carbon tetrachloride	50	43	86	2	40	65-140
1,2-Dichloroethane	50	43	86	2	40	70-130
Benzene	50	44	88	2	40	80-120
Trichloroethene	50	44	88	4	40	70-125
1,2-Dichloropropane	50	43	86	2	40	75-125
Bromodichloromethane	50	43	86	2	40	75-120
cis-1,3-Dichloropropene	50	45	90	2	40	70-130
4-Methyl-2-pentanone	50	44	88	5	40	60-135
Toluene	50	44	88	2	40	75-120
trans-1,3-Dichloropropene	50	44	88	4	40	55-140
1,1,2-Trichloroethane	50	45	90	2	40	75-125
Tetrachloroethene	50	45	90	4	40	45-150
2-Hexanone	50	46	92	11	40	55-130
Dibromochloromethane	50	46	92	2	40	60-135

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

* Values outside of QC limits

COMMENTS: _____

WATER VOLATILE LABORATORY CONTROL SAMPLE/DUPLICATE RECOVERY

Lab Name: Mitkem Laboratories Contract: _____Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MG0163Matrix Spike - EPA Sample No.: V1PLCSD

1,2-Dibromoethane	50	46	92	4	40	80-120
Chlorobenzene	50	44	88	2	40	80-120
Ethylbenzene	50	45	90	4	40	75-125
Xylene (Total)	150	140	93	0	40	81-121
Styrene	50	48	96	2	40	65-135
Bromoform	50	50	100	4	40	70-130
Isopropylbenzene	50	46	92	0	40	75-125
1,1,2,2-Tetrachloroethane	50	42	84	2	40	65-130
1,3-Dichlorobenzene	50	44	88	0	40	75-125
1,4-Dichlorobenzene	50	43	86	0	40	75-125
1,2-Dichlorobenzene	50	43	86	0	40	70-120
1,2-Dibromo-3-chloropropa	50	40	80	5	40	50-130
1,2,4-Trichlorobenzene	50	45	90	5	40	65-135
1,1,2-Trichloro-1,2,2-tri	50	44	88	7	40	70-130
Cyclohexane	50	45	90	2	40	70-130
Methyl acetate	50	34	68*	3	40	70-130
Methylcyclohexane	50	46	92	2	40	70-130

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

* Values outside of QC limits

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

VBLK10

Lab Name: Mitkem Laboratories Contract:

Lab Code: MITKEM Case No.: SAS No.: _____ SDG No.: MG0163

Lab File ID: V1J4133.D Lab Sample ID: MB-34900

Date Analyzed: 02/14/08 Time Analyzed: 17:29

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

Instrument ID: V1

THIS METHOD BLANK APPLIES TO THE FOLLOWING:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VIOLCS	LCS-34900	V1J4134.D	17:55
02	VIOLCSD	LCSD-34900	V1J4135.D	18:21
03	EFFLUENT	G0163-02A	V1J4139.D	20:05

COMMENTS:

page 1 of 1

VOLATILE METHOD BLANK SUMMARY

VBLK1P

Lab Name: Mitkem Laboratories

Contract:

Lab Code: MITKEM

Case No.:

SAS No.: _____

SDG No.: MG0163Lab File ID: V1J4163.DLab Sample ID: MB-34933Date Analyzed: 02/15/08Time Analyzed: 10:59GC Column: DB-624 ID: 0.25 (mm)Heated Purge: (Y/N) NInstrument ID: V1

THIS METHOD BLANK APPLIES TO THE FOLLOWING:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V1PLCS	LCS-34933	V1J4164.D	11:41
02	V1PLCSD	LCSD-34933	V1J4165.D	12:07
03	INFLUENT	G0163-01A	V1J4170.D	14:16

COMMENTS:

page 1 of 1



* Wet Chemistry *

Mitkem Laboratories

Date: 14-Feb-08

Client: Ecology and Environment Engineering, P.C.

Client Sample ID: INFLUENT

Project: Mr. C's Dry Cleaning

Lab ID: G0163-01

Collection Date: 02/05/08 12:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
HARDNESS by Calculation Hardness, Ca/Mg (As CaCO ₃)	480			SM2340_W 4.0 mg/L CaCO ₃		102/07/2008 16:59	34784
pH VALUE pH	7.1			SM4500_H+ 1.0 S.U.		102/06/2008 12:00	R26903

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

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

Mitkem Laboratories

Date: 14-Feb-08

Client: Ecology and Environment Engineering, P.C.

Client Sample ID: EFFLUENT

Project: Mr. C's Dry Cleaning

Lab ID: G0163-02

Collection Date: 02/05/08 12:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
HARDNESS by Calculation Hardness, Ca/Mg (As CaCO3)	480			SM2340_W 4.0 mg/L CaCO3		102/07/2008 17:10	34784
pH VALUE pH	8.4			SM4500_H+ 1.0 S.U.		102/06/2008 12:00	R26903

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

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

0038

CLIENT: Ecology and Environment Engineering, P.C.
 Work Order: G0163
 Project: Mr. C's Dry Cleaning

ANALYTICAL QC SUMMARY REPORT

TestCode: SM2340_W

Sample ID: MB-34784	SampType: MBLK	TestCode: SM2340_W	Prep Date: 2/7/2008	Run ID: OPTIMA3_080207H
Client ID: MB-34784	Batch ID: 34784	Units: mg/L CaCO3	Analysis Date: 2/7/2008	SeqNo: 761128
Analyte	Result	PQL	SPK Ref Val	%REC
Hardness, Ca/Mg (As CaCO3)	ND	4.0	SPK value	LowLimit HighLimit
			RPD Ref Val	%RPD RPDLimit
				Qual

Sample ID: G0163-01CDUP	SampType: DUP	TestCode: SM2340_W	Prep Date: 2/7/2008	Run ID: OPTIMA3_080207H
Client ID: INFLUENT	Batch ID: 34784	Units: mg/L CaCO3	Analysis Date: 2/7/2008	SeqNo: 761130
Analyte	Result	PQL	SPK Ref Val	%REC
Hardness, Ca/Mg (As CaCO3)	485.4	4.0	SPK value	LowLimit HighLimit
			RPD Ref Val	%RPD RPDLimit
				Qual

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



CLIENT: Ecology and Environment Engineering, P.C.

Work Order: G0163

Project: Mr. C's Dry Cleaning

ANALYTICAL QC SUMMARY REPORT

TestCode: SM4500_H+

Sample ID: G0163-02BDUP Samp Type: DUP TestCode: SM4500_H+

Client ID: EFFLUENT Batch ID: R26903 Units: S.U.

Prep Date: 2/6/2008

Run ID: PH METER_080206B

Analysis Date: 2/6/2008

SeqNo: 759443

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	8.440	1.0	0	0	0	0	0	8.440	0	0	20

0040

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

Last Page of Data Report

Attachment C

**Summary of Site Utility Costs and Projections
April 2007 to February 2008**

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																			
February 2008 Report																			
Gas and Electric								Utility Budget:											
Utility Provider	Account #	E&E Cost Center	Description	May-2007	Jun-2007	Jul-2007	Aug-2007	Sep-2007	Oct-2007	Nov-2007	Dec-2007	Electric:							
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	\$ 934.73	\$ 882.62	\$ 1,475.04	\$25,800.00							
New York State E&G	76-311-11-015900-18		Agway Site - Electric	\$189.80	\$613.49	\$538.92	\$174.13	\$135.30	\$479.36	\$462.34	\$378.61	Telephone:	\$540.00						
National Fuel Gas	5819628-05	002700.DC13.02.01	Mr. C's Natural Gas Costs	\$ 66.14	\$ -	\$ -	\$ -	\$ -	\$ 17.87	\$ 95.16	\$ 36.87	Gas	\$720.00						
			Totals	\$ 1,816.74	\$ 1,955.73	\$ 1,834.43	\$ 1,373.57	\$ 1,064.43	\$ 1,431.96	\$ 1,440.12	\$ 1,890.52	Total:	\$27,060.00						
			Jan-2008		Feb-2008	Mar-2008	Apr-2008												
			Mr. C's Electric Costs	\$1,138.51															
			Agway Electric	\$323.29															
			Mr. C's Natural Gas Costs	\$150.73	\$ 193.41														
			Totals	\$1,612.53	\$ 193.41	\$ -	\$ -												
			Electric	\$ 11,561.31								Ave. /Month							
			Natural Gas	\$ 66.14								\$ 1,195.34							
			Overbilled natural gas costs - no charges									\$ 366.14							
Grand Total - NYSE&G/National Fuel Gas Costs To Date								\$ 6,267.42											
Estimated Reading																			
Phone	Utility Provider	Phone #	Location Description	May-2007	Jun-2007	Jul-2007	Aug-2007	Sep-2007	Oct-2007	Nov-2007	Dec-2007								
Verizon		716-652-0094	Mr. C's Telephone Costs	\$ 44.89	\$ 44.98	\$ 46.71	\$ 55.95	\$ 56.19	\$ 56.17	\$ 56.14	\$ 58.03								
	Account#	716 652 0094 416 26 2																	
			Jan-2008	Feb-2008	Mar-2008	Apr-2008					Ave. /Month								
			\$ 56.62								\$ 52.85								
Grand Total - Verizon Costs to Date				\$ 475.68															
Grand Total All Utilities To Date				\$ 6,459.95															
****This includes initial connection fees for the phone company of approximately \$180																			

Mr. C's Dry Cleaners Site - Remedial Treatment Utility Costs
NYSDEC Work Assignment #DC13
12 Months of System Operation and Maintenance
February 2008 Report

Monthly Treatment System Operational Time by O&M Services				Budget Remaining:	Electric:	ATTACHMENT C
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	\$14,238.69
October-03	168	168	100.00%	6%	Official Startup by O&M Enterprises on 10/22/03	\$64.32
November-03	720	720	100.00%	5%		\$653.86
December-03	744	744	100.00%	28%		\$20,600.05
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 started 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	658	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%		
May-06	696	689	98.99%	32.3%		
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%		
June-07	648	644	99.38%	25.1%	Dry month	
July-07	696	696	100.00%	24.1%		
August-07	792	792	100.00%	5.4%		
September-07	816	816	100.00%	19.0%		
October-07	696	696	100.00%	19.9%		
November-07	744	741	99.60%	19.3%		
December-07	840	720	85.71%	5.4%	Stripper down for cleaning and Pump RW-1 offline	
January-08	620	600	96.77%	5.4%	RW-1 pump off-line	
February-08	672	644	95.83%	5.4%	RW-1 pump return to service, PW-4 off line	
Totals to Date	38376	37462	97.62%		Based on OM services provided by EEEPC/OME/lyer since 9/03	

* Percent Capacity is based on initial operating groundwater flows from the eight installed pumps from the eight installed pumps from the site if all pumps operate 100%. With the exception of groundwater pump RW-1, all others run on a batch basis.
 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.

