

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

December 7, 2007

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

Re: Mr. C's Dry Cleaners Site, Contract # D004442.DC13, Site # 9-15-157 November 2007 Operations, Maintenance, and Monitoring Report

Dear Mr. Welling:

Ecology and Environment Engineering, P.C. (EEEPC) is pleased to provide the November 2007 Operation, Maintenance, and Monitoring (OM&M) Report for the Mr. C's Dry Cleaners Site, NYSDEC Site # 9-15-157, located in East Aurora, New York. Copies of weekly inspection reports provided from EEEPC's subcontractor Iyer Environmental Group, PLLC (IEG) are provided in <u>Attachment A</u>. Selected pages from the individual analytical data package prepared by Mitkem Laboratories (ML) are provided as <u>Attachment B</u>. 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 <u>Attachment C</u>.

In review of the on-site treatment system operations, monitoring and maintenance for November 2007, EEPC offers the following comments and highlights:

Operational Summary

Mr. C's Site - Remedial Operations Information

- The treatment system was operational for 99.59% of the period between 10/30/07 and 11/28/07. <u>Table 1</u> is provided to indicate the monthly operational time of the treatment equipment from the time of system startup.
- The <u>effluent totalizer</u> readings for the month of November 2007 indicate that approximately 672,600 gallons of groundwater were processed through the remedial treatment system for the period 10/30/07 and 11/28/07. <u>Table 2</u> 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.
- Filters in the influent bag filter units were inspected and replaced on November 28, 2007. A tear in the left filter strainer was temporarily repaired to prevent damage to the new filter. Filter gauge pressure readings observed during weekly inspections ranged between 5 and 8.5 psi, which is within the 15 psi operational limit indicated in the system operation and maintenance manual.

- Checklists for weekly system inspections from IEG are provided as Attachment A for 10/30/07, 11/6/07, 11/13/07, 10/19/07 and 11/28/07. Weekly system checks indicated that the air stripper differential pressure remained between 0.02 and 0.03 inches of water with air stripper pressure between 38.0 and 42.0 inches of water during the month of November 2007. These levels are within the operating range recommended by the equipment manufacturer.
- The feed rate for the sequestering agent has been adjusted weekly between 12 and 5 ml/min, based on visual observations of mineral deposits on the stripping trays and analytical results from the effluent samples. The feed rate is being monitored by EEEPC and IEG personnel, with the intent of optimizing the feed rate at or near the manufacturer's recommended injection rate of 5 ml/min. Visual inspection of the stripper trays is being performed weekly by IEG during inspections. Disassembly, cleaning and reassembly of individual stripper trays is scheduled for December 2007.
- The analytical results from compliance sampling performed on November 6, 2007 (Attachment B) were received by EEEPC on November 16, 2007. A review of the data revealed the treated PCE effluent level of 2.4 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 is now providing analytical data to sub ppb accuracy, which allows a more accurate determination of effluent contaminant levels. EEEPC and IEG continue to monitor the status of the effluent PCE and other contaminant levels on the SPDES Equivalency permit closely.
- EEEPC and IEG personnel began retraction, inspection and cleaning of submersible pumps RW-1 through PW-8 on November 20, 2007. Pump PW-7 and its associated discharge piping were removed from the well and found to be clogged with sediment. As a result, the complete riser and pitiless adapter assembly were removed from the pump and pressure washed internally. A spare Grundfos pump and wiring harness were connected to the riser assembly and the unit was placed back into service. In the interim, IEG has retained the original pump for service and reinstallation.
- IEG personnel posted NYSDEC contact signage on the Mr. C's Treatment system door as requested by EEEPC.
- The Autodialer for the Mr. C's Treatment system has been reprogrammed to contact IEG and EEEPC personnel in the event of a system malfunction. An official test of the callout and alarm system to confirm correct callout process was performed on November 20, 2007 for quality assurance purposes. The result of the test was the auto-dialer was operating properly.

Agway Site Remedial Information

- Testing to evaluate the performance of individual Air Sparge and SVE system components including sparge points, compressor, manometers and extraction blower was conducted on November 13, 2007 by EEEPC and IEG personnel. Initial observations indicate that the treatment and support system continues to be operational. However, of the 8 total sparge points in the system, only 5 are actually transmitting air under pressure to the sparge points. While the reason for this malfunction is unknown at this time, it is obvious that the problem is not located within the compressor or other above grade components. Continued investigations in the form of individual distribution line pressure testing for points SP-1, SP-5 and SP-8 will be performed in spring 2008. Corrective measures to restore the system to complete functionality can be prescribed at that time.
- The water/air separator on the SVE system was drained and checked for leaks on November 13, 2007. A flexible hose was attached to the valve at the base of the unit to facilitate draining water from the unit. The air/water separator continues to function correctly.
- A final punch list of minor well repair items, including cap replacement and recommissioning of well MPI-14B, is presently being prepared by the OM&M subcontractor. The work will be performed as soon as weather conditions permit.

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

• The SSDS systems at the First Presbyterian Church and 27 Whaley Avenue continue to operate normally.

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 November 2007 and year to date are provided as <u>Attachment C</u>.

Analytical Summary – Groundwater

EEEPC and IEG personnel collected samples of influent and effluent groundwater from the Mr. C's Treatment system on November 6, 2007. Overall cleanup efficiency for the reporting period 10/30/07 to 11/28/07 was 99.70% based on analytical testing performed by the Mitkem Corporation Laboratory. Excerpts from the Analytical Data package for the November 6, 2007 sampling event are presented in Table 3.

Mr. William Welling PE, Project Manager November 7, 2007 Page 4 of 4

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

• Approximately 6.47 pounds of chlorinated volatile organic compounds (cVOCs) were removed from the influent groundwater based on calculations using the effluent discharge analytical results during the reporting period. A summary of the calculated pounds of cVOC's by month and by date are located in <u>Table 5</u>. These values are calculated based on effluent totalizer readings and assume that non-detect values given in the analytical data package = $0 \mu g/L$, 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 November 2007 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. Iver, IEG – w/attachments

Michael M. Steffan

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	25037.5	93.80%

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

Month	Reporting Hours	Operational Up-time
Totals forward from Page 1 (8/29/05)	25037.5	93.80%
October 3, 2005 - October 31, 2005	672	100.00%
October 31, 2005 - November 28, 2005	672	98,06%
November 28, 2005 - January 3, 2006	854	98.84%
January 3, 2006 - February 6, 2006	816	100.00%
February 6, 2006 - March 6, 2006	696	100.00%
March 6, 2006 - April 3, 2006	696	100.00%
April 3, 2006 - May 1, 2006	689	98.99%
May 1, 2006 - May 30, 2006	689	98.99%
May 31, 2006 - July 3, 2006	812	99.50%
July 3, 2006 - July 30, 2006	624	99.50%
July 30, 2006 - August 28, 2006	696	100.00%
August 28, 2006 - October 2, 2006	834	99.30%
October 2, 2006 - October 30, 2006	628	96.91%
October 30, 2006 - November 27, 2006	672	100.00%
November 27, 2006 - December 27, 2006	672	100.00%
December 27, 2006 - February 6, 2007	983	99.00%
February 6, 2007 - February 26, 2007	480	100.00%
February 26, 2007 - March 26, 2007	672	100.00%
March 26, 2007 - May 1, 2007	888	100.00%
May 1, 2007 - May 29, 2007	696	100.00%
May 29, 2007 - June 25, 2007	643	99.25%
June 25, 2007 - July 24, 2007	696	100.00%
July 25, 2007 - August 28, 2007	792	100.00%
August 28, 2007 - October 1, 2007	816	100.00%
October 1, 2007 - October 30, 2007	696	100.00%
October 30, 2007 - November 28, 2007	741	99.59%
Total Hours	43,862.50	

Average Operational Up-time = 96.19%

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

NOTES:

- 1. System operated by Tyree Organization Ltd. From 9/02 9/03
- 2. System operated by O&M Enterprises from 9/03 7/07
- 3. System operated by IEG from 7/07 to present

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

Month	Actual Period	Gallons
Total from Page 1	9/5/02 - 8/29/05	62,398,028
September 2005 ²	8/29/05 - 10/3/05	1,591,248
October 2005 ²	10/3/05 - 10/31/05	1,204,074
November 2005 ²	10/31/05 - 11/28/05	1,038,170
December 2005 ²	11/28/05 - 1/3/06	1,182,854
January 2006 ²	1/3/06 - 2/6/06	1,401,821
February 2006 ²	2/6/06 - 3/6/06	1,927,556
March 2006 ²	3/6/06 - 4/3/06	1,838,541
April 2006 ²	4/3/06 - 5/1/06	1,116,192
May 2006 ²	5/1/06 - 5/30/06	1,053,047
June 2006 ²	5/30/06 - 7/3/06	1,092,786
July 2006 ²	7/3/06 - 7/30/06	813,264
August 2006 ²	7/30/06 - 8/28/06	860,366
September 2006 ²	8/28/06 - 10/2/06	1,107,730
October 2006 ²	10/2/06 - 10/30/06	818,535
November 2006 ²	10/30/06 - 11/27/06	903,959
December 2006 ²	11/27/06 - 12/27/06	967,671
January 2007 ²	12/27/06 - 2/6/07	1,229,105
Febuary 2007 ²	2/6/07 - 2/26/07	913,610
March 2007 ²	2/26/07 - 3/26/07	882,228
April 2007 ²	3/26/07 - 5/1/07	1,127,096
May 2007 ²	5/1/07 - 5/29/07	853,697
June 2007 ²	5/29/07 - 6/25/07	755,060
July 2007 ³	6/25/07 - 7/24/07	785,379
August 2007³	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
Total Gallons	Treated To Date:	90,885,550

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** November 2007 VOC Analytical Summary

		11/6/2007 Sampling Results							
	Influ	uent	Efflu	Cleanup					
Compound	Concent	tration*	Concent	Efficiency					
	(ug	(ug/L)		(ug/L)					
Acetone	ND(<50)	U	ND(<5.0)	Ų	NA				
Benzene	ND(<10)	U	ND(<1.0)	U	NA				
2-Butanone	ND(<50)	U	ND(<5.0)	U	NA				
cis-1, 2-Dichloroethene	12.00		ND(<1.0)	U	100%				
Methylene chloride	ND(<10)	U	ND(<1.0)	Ŭ	NA				
Methyl tert-butyl ether (MTBE)	11.00		1.1		90.00%				
Tetrachloroethene	1100.00		2.4		99.78%				
Toluene	ND(<10)	U	ND(<1.0)	U	NA				
Trichloroethene	33.00		ND(<1.0)	U	100%				
Total Xylenes	ND(<10)	U	ND(<1.0)	U	NA				
ovember 6, 2007 TOTALs (in ng/L)	1156.00		3.5		99.70%				

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.

^{* (&}lt;50) - Detection Limit

Mr. C's Dry Cleaners Site Remediation Site #9-15-157

Effluent Discharge Criteria & Analytical Compliance Results

			November 6, 2007 Effluent Analytical
Parameter/Analyte	Daily Maximum	Units	Values - Compliance
Flow	216,000	pdß	21,784.61 gpd ⁶
þH	9.0 - 9.0	standard units	8.3
1,1 Dichloroethene	10	ng/L	ND(<1.0)
1,2 Dichloroethane	10	T/grt	ND(<1.0)
Trichloroethene	10	µg/L	ND(<1.0)
Tetrachloroethene	10	1/8n	2.40
Vinyl Chloride	10	ug/L	ND(<1.0)
Benzene	5	J/grt	ND(<1.0)
Ethylbenzene	5	μg/L	ND(<1.0)
Methylene Chloride	10	L/Sn	ND(<1.0)
1,1,1 Trichloroethane	10	µg/L	ND(<1.0)
Toluene	\$	hg/L	(0.1>)dN
Methyl-t-Butyl Ether (MTBE)	NA	ng/L	1.10
o-Xylene³	5	µg/L	NA
m, p-Xylene ³	10	µg/L	ŇA
Total Xylenes	NA	ng/L	(0.1>)QN
Iron, total	009	119/1	$N\Lambda^3$
Aluminum	4,000	l ug/L	₹VN
Copper	48	7/an	NA ⁹
Lead		1/611	NA ⁹
Manganese	2,000	µg/L	$NA^{\mathfrak{F}}$
Silver	100	l ng/L	NA ³
Vanadium	28	1 нg/1.	NA ⁹
Zinc	230	1 дд 1	NA?
Total Dissolved Solids	850	l/gm	NA?
Total Suspended Solids	20	mg/L	NA®
Hardness	N/A	mg/l	500
Cyanide, Free	10	1/311	NA®

- 1. "Daily Maximum" excepted from Attachment E of Addendum 1 to the Construction Contract Documents.
- 2. Analytical report did not differentiate between o-Xylene and m, p-Xylene. Total Xylene value reported is given in each line.
 - 3. Shaded cells indicate that analytical value exceeds the "Daily Maximum"
- 4. "ND" indicates that the compound was not detected and lists the practical quantitation limit in parentheses.
 - 5. "NA" indicates that analyses were not performed and data is unavailable.
- 6. Average flows based on effluent readings taken October 30, 2007 through. November 28, 2007. Total gallons: 672,600 divided by 30.875 operating days (741 actual operating hours). 7. "J" indicates an estimiated value below the detection limit.
- Removed from the required analysis list by NYSDEC Region 9 in February 2005. "B" indicates analyte found in the associated blank.
- Indicates non-compliance with the NYSDEC effluent discharge requirements

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 Remov (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 20059	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 o	f VOCs removed from it	ception to Augus	t 2005 =	928.04

Sheet 1 of 2

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 pound	ls of VOCs removed fr	om inception to At		928.04
September 20059	8/29/05 - 10/3/05	1239	0.47	16.50
October 2005 ⁹	10/3/05 - 10/31/05	1454	18.0	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
	Total pounds of	VOCs removed s	since inception =	1247.45

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.
- "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 November 6, 2007:

Pounds of VOCs removed calculated by the following formula:

 $1156 \text{ ug/L} - 3.5 \text{ ug/L})*(.8g/10^{\circ} \text{ ug})*(1 \text{ lb/453.5924 g})*672,600 \text{ gallons*}(3.785 \text{ L/gallon}) \sim 6.47 \text{ lbs}$ where 672,600 gallons is the monthly process water volume.

Attachment A IEG Weekly Inspection Reports November 2007

Including:

10/30/07

11/6/07

11/13/07

11/19/07

11/28/07

NYSDEC Site #9-15-157

OM&M: SITE INSPECTION FORM

DATE:	30-Oct-07	<u> </u>	ACTIVITIES:	Site Inspection	on '				
INSPECTION	N PERSONNEL:	D. lyer, f	R. Allen	OTHER PERSO	NNEL:				
WEATHER C	CONDITIONS: SI	unny, cool				OUTSIDE TEMPER	RATURE (° F): 44		
ARE WELL I	PUMPS OPERATIN	IG IN AUTO:	YES: √	NO:	If	"NO", provide expla	nation below		
PROVIDE WATER LEVEL READINGS ON CONTROL PANEL									
RW-1	ON:	off: √	10 ft	PW-5	on:√	OFF:	10 ft		
PW-2	ON:	off: <u>√</u>	5 ft	PW-6	ON:	off: √	ft		
PW-3	ON:	OFF:	14 ft	PW-7	on:√	OFF:	11ft		
PW-4	ON:	OFF:	7 ft	PW-8	ON:√	OFF:	ft		
EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 9/10/07 Air Stripper Low Level									
	RN PW-7 ON? HILE ON SITE)	YES:	NO:√	DID YOU	TURN PW-7 OFF?	YES:	NO:√		
INFLUENT FLOW RATE: 15.35 gpm INFLUENT TOTALIZER READING: 6,956,347.0 gallons									
SEQUESTERING AGENT DRUM LEVEL: 1 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 1.7 gallons SEQUESTERING AGENT FEED RATE: 5.0 ml/min METERING PUMP PRESSURE: 4 psi									
BA	AG FILTER PRESS	:URES:	Top LEFT: 0	Bottom Dsi	RIGHT:	Тор 8	Bottom 0 psi		
INFLUEN	T FEED PUMP IN U	JSE: #1	√ #2	·	NFLUENT PUMP PRE	ESSURE:	28 psi		
	IPPER BLOWER II ER DIFFERENTIAL				AIR STRIPPER PRE		11.0 in. H ₂ O		
EFFLUENT PUMP IN USE: #1 √ #2 EFFLUENT FEED PUMP PRESSURE: 10.0 psi EFFLUENT FLOW RATE: 90 gpm EFFLUENT TOTALIZER READING: 40,296,783 277780 gallons									
ARE BUILDING HEATERS IN USE? YES: NO: √ INSIDE TEMPERATURE (° F): 63.9									
IS SUMP	PUMP IN USE:	YES:	NO:		EAKS PRESENT?	YES:	NO:		
WATER LE	VEL IN SUMP:	10.0 in.	TREATMENT E	BUILDING CLEAI	N & ORGANIZED?	YES:	NO:		

NYSDEC Site #90150157

SITE INSPECTION FORM

SAMPLES COLLECTED? YES:	NO:	<u>√</u>					
	Sample ID	Time of Sampling	рН	Turbidity	Temp.	Sp. Cond.	
AIR STRIPPER INFLUENT:							
AIR STRIPPER EFFLUENT:							·
IS THERE EVIDENCE OF TAMPER	PINGAZANDALI	SM OF WELLS: 2	YES:	NO:	 √		
		ES INSPECTED?	YES: √	NO:			
		'ES INSPECTED?	YES: √	NO:		_	
IS WATER PRESENT IN ANY MANHO	LES OR ELEC	TRICAL BOXES?	YES:	NO:	V		
if yes, provide ma	nhole/electric be	ox ID and description of	any corrective m	easures below:		-	
		***************************************	······································				
INCLUDE REMARKS & I	DESCRIBE AN	Y OTHER SYSTEM MA	INTENANCE PE	RFORMED ON	MR. C's	SITE	
Remarks: (2) new drums of redux arri	ved on Oct 25.	Redux pump pickup	changed to new	drum. Pump	settings:	Left 2.5;	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Right 1.2. Inspected inside	of Air Stripper	. It appears to be ope	erating cleanly.				
Other Actions: Installed "Danger High Volt	age" sticker on	main door.					
Found business that will rec	cycle empty re	dux drums (Harbison	Bros., Inc) - will	clean drums a	nd dispos	se next week	
Reset Verbatim Auto Dial	er. New call	order is: 1) D. lyer,	2) R. Allen, 3)	D. lyer, 4) E	&E, 5) I	R. Alten	
		AGWAY					
SYSTEM VACUUM:	-20 in.	H ₂ O	AIR	PRESSURE:		115	psi
SP-1: 0.0 scfm 5.6	D psi	PW-5		fm	0.0	psi	
SP-2: 0.0 scfm 3.6	D psi	PW-6	0.0 sc	fm	0.0	psi	
SP-3: 0.0 scfm 2.	– 5 psi	PW-7	0.0 sc	fm	0.0	- psi	
SP-4: 0.0 scfm 3.0	D psi	8-W9	0.0 sc	fm	0.0	psi	
INCLUDE REMARKS & D Remarks: No readings on any of the S			INTENANCE PER	RFORMED ON	AGWAY	SILE	***************************************
Remarks. No readings on any of the c	or or ew gaug	J09					
Other Actions:						***************************************	***************************************

NYSDEC Site #9-15-157

OM&M: SITE INSPECTION FORM

DATE:	6-Nov-07	_	ACTIVITIES:	Site Inspecti	on			
INSPEC	TION PERSONNEL:	R. Alien		OTHER PERS	ONNEL:			
WEATHE	R CONDITIONS: Cloudy	, light snow	, cool			OUTSIDE TEMPE	RATURE (° F): 35	
ARE WE	LL PUMPS OPERATING IN	AUTO:	YES:	NO:		f "NO", provide expl	anation below	
		PROVI	DE WATER LEV	'EL READINGS	ON CONTROL PANE	L	als when the first to control to the	
RW-1	ON: OF	F:	10 ft	PW-5	on:	OFF:	8ft	
PW-2	ON: OF	F:	7 ft	PW-6	ON:	off: √	ft	
PW-3	ON: OF	F:	<u>14</u> ft	PW-7	on:	OFF:	ft	
PW-4	ON: √ OF	F:	3ft	PW-8	ON:	off: √	6 ft	
	EQUALIZATI	ON TANK:		Last	Alarm D/T/Condition:	10/30/07 Air Stripper L		
טסץ מום	TURN PW-7 ON? YE: (WHILE ON SITE)	S:	NO:√	_ DID YOU	TURN PW-7 OFF?	YES:	NO:	
INFLUENT FLOW RATE: 8.32 gpm INFLUENT TOTALIZER READING: 7,191,234.6 gallons								
SE	SEQUESTERING AGENT DRUM LEVEL: 29 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 49.3 gallons							
s	EQUESTERING AGENT FE	ED RATE:	6.5 ml/min		METERING	PUMP PRESSURE:	4 psi	
	BAG FILTER PRESSURES	 3:	Top	Bottom psi	RIGHT:	Top 8.5	Bottom 0 psi	
INFLU	ENT FEED PUMP IN USE:	#1	√ #2	2	NFLUENT PUMP PR	ESSURE:	5 psi	
AIR :	STRIPPER BLOWER IN USI	: #1		2 1	AIR STRIPPER PR	ESSURE:	38.0 in. H₂O	
AIR STR	IPPER DIFFERENTIAL PRE	SSURE:	0.03	in. H₂O	DISCHARGE PR	ESSURE:	1.0 in, H ₂ O	
EFFLUE	ENT PUMP IN USE:	±1 √	#2	EFFLUI	ENT FEED PUMP PR	ESSURE:	10.0 psi	
EFFLU	ENT FLOW RATE: 94	gpm	EFFLUENT	- TOTALIZER RE	ADING: 40	,452,965	434130 gallons	
ARE BU	JILDING HEATERS IN USE?	YES:	NO	:		INSIDE TEMPE	RATURE (° F): 64.5	
is su	MP PUMP IN USE: YE	3:	NO: √	ARE ANY	LEAKS PRESENT?	YES:	NO:	
WATER	R LEVEL IN SUMP:10.0	in.	TREATMENT	BUILDING CLEA	N & ORGANIZED?	YES: √	NO:	

NYSDEC Site #90150157

SITE INSPECTION FORM

SAMPLES COLLECTED? YES: √	NO:	-							
	Sample ID	Time of Sampling		рН	Turbidity	Temp.	Sp. Cond.		
AIR STRIPPER INFLUENT:	INF	11:30 AM	_	7.36	4.68	14.1	2519		
AIR STRIPPER EFFLUENT:	EFF	11:30 PM		8.3	4.39	13.8	2284		
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: VES:									
If yes, provide manhole/electric box ID and description of any corrective measures below:									
Several monitoring wells and electric boxes are under water due to snow and rain fall.									
INCLUDE REMARKS & DESCRIBE ANY OTHER SYSTEM MAINTENANCE PERFORMED ON MR. C's SITE									
Remarks: Increased Redux pump ra	te; Left knob - 2.5	5; Right knob 1.5.							
						· · · · · · · · · · · · · · · · · · ·			
Other Actions: Rinsed out (4) empty Redu	ıx drums. Poure	d rinse water into si	mn well (Doened se	cond plua	on all drur	ns to		
		a thio water the ce	mp wen.	<u> </u>	oona piag	On all arai			
assist drying of empty drui									
Put Agway Shed padiocl	key on calend	er in Treatment Ro	om.	·					
		AGWAY							
SYSTEM VACUUM:	-20 in. H	i ₂ O		AIR PR	ESSURE:		32	psi	
SP-1: 0.0 scfm 4	. 9 psi	PW-5	0.0	scfm	•••	28.0 p	si		
SP-2: 0.0 scfm 3	. <u>0</u> psi	PW-6	3.4	scfm	_	21.6	isi		
SP-3: 0.0 scfm 2	. <u>5</u> psi	PW-7	2.4	scfm	_	15.0 p	si		
SP-4: 0.0 scfm 3	. <u>1</u> psi	PW-8	0.0	scfm	_	30.0 F	şi		
NOUDE SEMANCE									
INCLUDE REMARKS & Remarks: Shed door outside temper									
oned door odialde temper	uture - 201. OUI	пртозоот капк кетпр	stature - Os	51. OVL	vacuum be	andr tempe	auto - O41.		
Other Actions: Purchased second quart o	f oil for comoress	sor and put it in she	. Purchas	ed (3) add	ditional pag	lock kevs			
The state of the s	- was well as per to take			/2/ 226		30		,,	

6-Nov-07

NYSDEC Site #9-15-157

OM&M: SITE INSPECTION FORM

DATE:	13-Nov-07		ACTIVITIES:	Site Inspe	ction		,
INSPECT	TION PERSONNEL:	D. lyer, R.	Allen	OTHER PER	SONNEL:	J. Kohler	
WEATHE	R CONDITIONS: Sunny	, cool				OUTSIDE TEMPE	FRATURE (° F): 50
ARE WE	LL PUMPS OPERATING IN	AUTO:	YES:√	NO:		If "NO", provide exp	lanation below
· ya	***************************************	PROV	IDE WATER LEV	EL READING	S ON CONTROL P	'ANEL	
RW-1	ON: OF	F:	5 ft	PW-5	on:√	OFF:	9ft
PW-2	ON: OF	F:	6 ft	PW-6	ON:	OFF:√_	ft
PW-3	ON: OF	F:	<u>14</u> ft	PW-7	ON:	OFF:	ft
PW-4	ON:	F:	4 ft	PW-8	ON:	OFF:	5 ft
	EQUALIZATI	ON TANK:	4 ft	Las	st Alarm D/T/Condit	ion: 11/13/07 Air Stripper	High Level
טסץ פום	TURN PW-7 ON? YE (WHILE ON SITE)	s:	NO:√	DID YO	DU TURN PW-7 OF	FF? YES:	NO:
INFLU	ENT FLOW RATE:	3.03	gpm	INFLUENT T	OTALIZER READI	NG: 7,420,4	51.2 gailons
SE	QUESTERING AGENT DRU	IM LEVEL:	20 inches	(x :	1.7=) AMOUNT	OF AGENT REMAINING:	34 gallons
s	EQUESTERING AGENT FE	ED RATE:	6.0 ml/min		METER	RING PUMP PRESSURE:	4 psi
	BAG FILTER PRESSURES	s:	Top	Bottom p	si RIGHT	Тор : <u>5</u>	Bottom psi
INFLU	ENT FEED PUMP IN USE:	#1	√ #2	<u> </u>	INFLUENT PUM	P PRESSURE:	psi
AIR S	STRIPPER BLOWER IN US	E: #1	 #2	 . √	AIR STRIPPEI	R PRESSURE:	39.5 in. H₂O
AIR STRI	PPER DIFFERENTIAL PRE		0.03			E PRESSURE:	1.0 in. H ₂ O
EFFLUE	NT PUMP IN USE:	#1 √	#2	EFFL	UENT FEED PUMI	P PRESSURE:	10.0 psi
EFFLUI	ENT FLOW RATE: 94	gpm	EFFLUENT	- TOTALIZER	READING:	40,607,216	589500 gallons
ARE BU	ILDING HEATERS IN USE?	YES:	NO:			INSIDE TEMPE	FRATURE (° F): 67.1
IS SUI	MP PUMP IN USE: YE	s:	NO:	ARE AN	Y LEAKS PRESEN	YT? YES:	NO:
WATER	LEVEL IN SUMP: 8.0	in.	TREATMENT	BUILDING CL	EAN & ORGANIZE	D? YES:	NO:

NYSDEC Site #90150157

SITE INSPECTION FORM

SAMPLES COLLECTED? YES: NO: √		
Sample ID Time of Sampling	pH Turbidity	Temp, Sp. Cond.
AIR STRIPPER INFLUENT:		
AIR STRIPPER EFFLUENT:		
IS THERE EVIDENCE OF TAMPERING/VANDALISM OF WELLS: ? YES		
WERE MANHOLES INSPECTED? YES WERE ELECTRICAL BOXES INSPECTED? YES		
IS WATER PRESENT IN ANY MANHOLES OF ELECTRICAL BOXES? YES		**************************************
If yes, provide manhole/electric box ID and description of any con		
INCLUDE REMARKS & DESCRIBE ANY OTHER SYSTEM MAINTENA	NCE PERFORMED ON	MR. C's SITE
Remarks: Shut down Treatment Room system to inspect pumps. Attempted to pr		
	an ap 1 w-7 and 1 w-0	bat metrer pump would
move without risk of breaking the rope.		
Other Actions: While taking water level measurements, I pulled on the pump ropes to	see if any would move	with a strong pull.
None of the pumps would budge.		
AGWAY		
AGWAY SYSTEM VACUUM: -20 in. H₂O	AIR PRESSURE:	20 psi
	AIR PRESSURE:	20 psi 26.5 psi
SYSTEM VACUUM:in. H₂O		·
SYSTEM VACUUM: -20 in. H₂O SP-1: 0.0 scfm 8.2 psi PW-5 0.0	scfm	26.5 psi
SYSTEM VACUUM: -20 in. H ₂ O SP-1: 0.0 scfm 8.2 psi PW-5 0.0 SP-2: 5.0 scfm 3.8 psi PW-6 3.0	scfm scfm	26.5 psi 18.0 psi
SYSTEM VACUUM: -20 in. H ₂ O SP-1: 0.0 scfm 8.2 psi PW-5 0.0 SP-2: 5.0 scfm 3.8 psi PW-6 3.0 SP-3: 5.2 scfm 3.2 psi PW-7 2.6 SP-4: 0.0 scfm 3.8 psi PW-8 0.0	scfm scfm scfm scfm	26.5 psi 18.0 psi 19.2 psi 27.4 psi
SYSTEM VACUUM: -20 in. H ₂ O SP-1: 0.0 scfm 8.2 psi PW-5 0.0 SP-2: 5.0 scfm 3.8 psi PW-6 3.0 SP-3: 5.2 scfm 3.2 psi PW-7 2.6 SP-4: 0.0 scfm 3.8 psi PW-8 0.0 INCLUDE REMARKS & DESCRIBE ANY OTHER SYSTEM MAINTENA	scfm scfm scfm scfm nce performed on	26.5 psi 18.0 psi 19.2 psi 27.4 psi
SYSTEM VACUUM: -20 in. H ₂ O SP-1: 0.0 scfm 8.2 psi PW-5 0.0 SP-2: 5.0 scfm 3.8 psi PW-6 3.0 SP-3: 5.2 scfm 3.2 psi PW-7 2.6 SP-4: 0.0 scfm 3.8 psi PW-8 0.0	scfm scfm scfm scfm nce performed on	26.5 psi 18.0 psi 19.2 psi 27.4 psi
SYSTEM VACUUM: -20 in. H ₂ O SP-1: 0.0 scfm 8.2 psi PW-5 0.0 SP-2: 5.0 scfm 3.8 psi PW-6 3.0 SP-3: 5.2 scfm 3.2 psi PW-7 2.6 SP-4: 0.0 scfm 3.8 psi PW-8 0.0 INCLUDE REMARKS & DESCRIBE ANY OTHER SYSTEM MAINTENA	scfm scfm scfm scfm nce performed on	26.5 psi 18.0 psi 19.2 psi 27.4 psi

13-Nov-07

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

OM&M: PIEZOMETER WATER LEVEL LOG

Date:	13-N	lov-07	Measurement	s taken by:	R. A	Allen	
RW-1	11.00 ft	Comments:	From Panel View	PW-5	19.47 ft	Comments:	
PZ-1A	12.86 ft	Comments:		PZ-5A	11.43 ft	Comments:	
PZ-1B	12.56 ft	Comments:		PZ-5B	12.15 ft	Comments:	
PZ-1C	13.74 ft	Comments:	-	PZ-5C	11.74 ft	Comments:	
PZ-1D	13.87 ft	Comments:		PZ-5D	12.52 ft	Comments:	
PW-2	7.00 ft	Comments:	From Panel View	PW-6	19.70 ft	Comments:	
PZ-2A	12.25 ft	Comments:		PZ-6A	12.80 ft	Comments:	
PZ-2B	12.60 ft	Comments:		PZ-6B	12.70 ft	Comments:	
PZ-2C	12.16 ft	Comments:		PZ-6C	12.92 ft	Comments:	
PZ-2D	ft	Comments:	Cannot locate	PZ-6D	12.57 ft	Comments:	Shown as RW-2 on map
PW-3	12.85 ft	Comments:	7770000	PW-7	12.04 ft	Comments:	
PZ-3A	12.88 ft	Comments:		MPI-6S	12.40 ft	Comments:	
PZ-3B	12.94 ft	Comments:		PZ-7B	12.59 ft	Comments:	
PZ-3C	13.42 ft	Comments:		OW-B	12.45 ft	Comments:	
PZ-3D	12.94 ft	Comments:		PZ-7D	12.20 ft	Comments:	
PW-4	22.33 ft	Comments:		PW-8	9.52 ft	Comments:	
PZ-4A	12.35 ft	Comments:		PZ-8A	9.37 ft	Comments:	
PZ-4B	12.29 ft	Comments:		PZ-8B	9.32 ft	Comments:	
PZ-4C	12.42 ft	Comments:	A	PZ-8C	8.95 ft	Comments:	
PZ-4D	11.83 ft	Comments:		PZ-8D	9.25 ft	Comments:	
	· · · · · · · · · · · · · · · · · · ·						<u></u>
		PUM	PS IN OPERATION D	URING MEA	SUREMENT	S	
RW-1 p	ump on?	Yes	√ No	PW-5 p	ump on? $$	Yes	No

PW-6 pump on?

PW-7 pump on?

PW-8 pump on?

Yes

Yes

Yes

No

Νo

No

PW-2 pump on?

PW-3 pump on?

PW-4 pump on?

Yes

Yes

Yes

No

No

Νo

NYSDEC Site #9-15-157

OM&M: SITE INSPECTION FORM

DATE:	19-Nov-0)7	ACTIVITIES:	Site Inspection	on			
INSPECT	TION PERSONNEL:	R. Allen,	D. lyer	OTHER PERSO	NNEL: J.	Kohler		····
WEATHE	R CONDITIONS:	Cloudy, cool				OUTSIDE TEMPE	RATURE (° F):	40
ARE WE	LL PUMPS OPERAT	TING IN AUTO:	YES:√	NO:	lf	"NO", provide expla	anation below	
-		PROV	IDE WATER LEV	EL READINGS O	N CONTROL PANEL			
RW-1	ON:	off: <u>√</u>	7_ft	PW-5	on:	OFF:	11	ft
PW-2	ON:	off:	7_ft	PW-6	ON:	OFF:	5	ft
PW-3	ON:	OFF:	14 ft	PW-7	on:	OFF:	12	ft
PW-4	ON:	OFF:	7ft	PW-8	on:	OFF:	4	ft
	EQUA	LIZATION TANK:	4 ft	Last A	larm D/T/Condition:			
DID YOU	TURN PW-7 ON? (WHILE ON SITE)	YES:	NO:√	DID YOU	TURN PW-7 OFF?	YES:	NO:	
INFLU	ENT FLOW RATE:	14	gpm	INFLUENT TOT	ALIZER READING:	7,615,23	2.0	gallons
SE	QUESTERING AGEI	NT DRUM LEVEL:	8 inches	(x 1.7=) AMOUNT OF AC	SENT REMAINING:	13.6	gallons
s	EQUESTERING AG	ENT FEED RATE:	12.0 ml/min		METERING I	PUMP PRESSURE:	4.5	psi
			Top	Bottom		Top	Bottom	
	BAG FILTER PRES	SSURES:	LEFT; 0	0 psi	RIGHT:	5	0	psi
INFLU	ENT FEED PUMP IN	V USE: #1	√ #2	2	NFLUENT PUMP PRE	SSURE:	5	psi
AIR S	STRIPPER BLOWER	R IN USE: #1	#2	. √	AIR STRIPPER PRE	SSURE:	41.0	in. H ₂ O
AIR STR	IPPER DIFFERENTI	AL PRESSURE:	0.025	in. H ₂ O	DISCHARGE PRE	SSURE:	1.0	in. H₂O
EFFLUE	NT PUMP IN USE:	#1 √	#2	EFFLUE	NT FEED PUMP PRE	SSURE:	10.5	psi
EFFLU	ENT FLOW RATE: _	98 gpm			ADING: 40,	734,107	717580	gallons
ARE BU	UILDING HEATERS I	N USE? YES:	NO:	·	. There were the track that the trac	INSIDE TEMPEI	RATURE (° F):	57
is su	MP PUMP IN USE:	YES:√	NO:	ARE ANY L	EAKS PRESENT?	YES:	NO:	
WATER	R LEVEL IN SUMP:	8.0 in.	TREATMENT I	BUILDING CLEAI	N & ORGANIZED?	YES:√	NO:	***************************************

NYSDEC Site #90150157

SITE INSPECTION FORM

SAMPLES COLLECTED? YES: NO: √ Sample ID Time of Sampling		pH Turb	idity	Temp.	Sp. Cond.	
AIR STRIPPER INFLUENT:						
AIR STRIPPER EFFLUENT:						
IS THERE EVIDENCE OF TAMPERING/VANDALISM OF WELLS: ?	YES:_	1	NO:	. V		
WERE MANHOLES INSPECTED?	YES:		NO:			
WERE ELECTRICAL BOXES INSPECTED?	YES:	<u> </u>	NO:_			
IS WATER PRESENT IN ANY MANHOLES OR ELECTRICAL BOXES?	YES:		NO:_	$\sqrt{}$		
If yes, provide manhole/electric box ID and description of	any correct	tive measures b	elow:			
A CONTRACTOR OF THE PROPERTY O						
INCLUDE REMARKS & DESCRIBE ANY OTHER SYSTEM MA	INTENANO	CE PERFORME	D ON I	MR. C's S	ITE	
Remarks: There is a leak in Blower #2 pipe.	***************************************				***************************************	
Nov 19 - Changed Redux pump to Left 2.25, Right 1.0. Nov 20) - change	d to Left 2.2, R	light 1.	0.		
Other Actions: Shut off power to PW-7 and PW-8 for inspection and replacement	ent of well	pump at PW-7	•			
Reading 1 hour later is: PW-7 "Off", "6" and PW-8 "Off", "6".						
<u> </u>						
	<u> </u>					······································
AGWAY						
SYSTEM VACUUM: -20 in. H ₂ O		AIR PRESS	URE: _		120 ,	osi
SP-1: 0.0 scfm 5.0 psi PW-5	0.0	scfm	_	28.0	psi	
SP-2: 8.5 scfm 15.0 psi PW-6	4.5	scfm		12.3	psi	
SP-3: 9.0 scfm 12.0 psi PW-7	3.0	scfm	***	20.8	psi	
	0.0	scfm	_	30.0	psi	
INCLUDE REMARKS & DESCRIBE ANY OTHER SYSTEM MA	INTENANO	E PERFORME	D ON A	AGWAY S	ITE	
Remarks: Recommend putting rubber flap over shed handle to keep rain v	water out o	of padlock.				
Other Actions: Sprayed inside of padlock with lubricant.						

19-Nov-07

NYSDEC Site #9-15-157

OM&M: SITE INSPECTION FORM

DATE:	28-Nov-07		ACTIVITIES:	Site Inspect	ion			
INSPECT	TON PERSONNEL:	R. Allen, D). Iyer	OTHER PERS	ONNEL:			.
WEATHE	R CONDITIONS: Sun	iny, cool	M4 South Monte Many Books South Government			OUTSIDE TEMPE	RATURE (° F)	: 30
ARE WEI	LL PUMPS OPERATING	IN AUTO:	YES: <u>√</u>	NO:		f "NO", provide expl	anation below	,
-		PROVI	DE WATER LEV	EL READINGS	ON CONTROL PANE	L		
RW-1	ON:	off: <u>√</u>	11 ft	PW-5	on: √	OFF:	22	ft
PW-2	ON:	OFF:	5 ft	PW-6	ON:	off:√	4	_ft
PW-3	on;	OFF:	14_ft	PW-7	ON:	0FF:√	6	_ft
PW-4	ON:	OFF:	ft	PW-8	ON:	0FF: √	5	ft
	EQUALIZA	ATION TANK:	4 ft	Last	Alarm D/T/Condition:	11/13/07 Air Stripper	High Level	
DID YOU	TURN PW-7 ON? (WHILE ON SITE)	YE\$:	NO:	_ DID YOU_	J TURN PW-7 OFF?	YES:	- NO	*
INFLU	ENT FLOW RATE:	67	gpm	INFLUENT TO	TALIZER READING:	7,966,0	62.3	gallons
SE	QUESTERING AGENT D	RUM LEVEL:	0.5 inches	· (x 1.	7=) AMOUNT OF A	GENT REMAINING:	0.85	_gallons
S	EQUESTERING AGENT	FEED RATE:	2.0 ml/min		METERING	PUMP PRESSURE:	4.5	_psi
the state have been tenter .	BAG FILTER PRESSU		Top	Bottom 0 psi	RIGHT:	Тор	Bottom 0	psi
INFLU	ENT FEED PUMP IN US	E: #1	# 2	NAST SORE PARTS NAVE 4004 4044 PART	INFLUENT PUMP PR	ESSURE:	5	psi
	STRIPPER BLOWER IN	USE: #1			AIR STRIPPER PR	ESSIDE:	42.0	in. H₂O
	PPER DIFFERENTIAL F	***************************************	0.02	***************************************	DISCHARGE PR		1.0	in, H ₂ O
EEELLE	NT PUMP IN USE:	#1 V	#2	======================================	ENT FEED PUMP PR	ESSURE:	 11.0	psi
	_	94 gpm		TOTALIZER R		,969,383		o gallons
ARE BU	ILDING HEATERS IN US	SE? YES:	NO	:		INSIDE TEMPE	RATURE (° F)	: 54
IS SUI	MP PUMP IN USE:	YE\$:	NO:	ARE ANY	LEAKS PRESENT?	YES:	NO	:
WATER	LEVEL IN SUMP: 5	.5_ în.	TREATMENT I	BUILDING CLE	AN & ORGANIZED?	YES:√	NO	:

NYSDEC Site #90150157

SITE INSPECTION FORM

SAMPLES COLLECTED? YES:	NO:					
	Sample ID Ti	ime of Sampling		pH Turbidity	Temp. S	p. Cond.
AIR STRIPPER INFLUENT:						
AIR STRIPPER EFFLUENT:						
IS THERE EVIDENCE OF TAMPER	ING/VANDALISM O	F WELLS: 7	YES:	NO:	√	
·	ERE MANHOLES IN	ISPECTED?	YES:	√ NO:		
WERE ELE	CTRICAL BOXES IN	ISPECTED?	YES:	√ NO:		
IS WATER PRESENT IN ANY MANHO	LES OR ELECTRIC	AL BOXES?	YES:	NO:	√	
If yes, provide mar	nhole/electric box ID	and description of	any correctiv	e measures below:		

				and book New cold will store him with pro-		
INCLUDE REMARKS & D	ESCRIBE ANY OTH	HER SYSTEM MA	INTENANCE	PERFORMED ON	MR. C's SITE	
Remarks: Installed new Redux drum.	Shortened Redux	pump hose by 2'.	Power was	hed Air Stripper th	rough ports.	Most of the
holes on the middle trays ar	e plugged. Able to	o unblock some c	of the holes o	closer to the ports	with a screwd	river
and a brush. Deciced to tak	e the air stripper a	part and clean th	e trays next	Monday, 12/3/07.		
Other Actions: Pipe on Blower #2 loosened	after fixing Blower	#1 pipe leak. In	stalled brack	ets on both Blowe	er #1 and #2 p	pipes to
prevent further disconnect						
	<u> </u>		*********************************			
	00	AGWAY			00	
	-22 in H ₂ O			AIR PRESSURE:	96	psi
SP-1: 0.0 scfm 5.2	<u> </u>		0.0	scfm	28.0 psi	
SP-2: 9.2 scfm 14.1	- <i>'</i>	***************************************	4.2	scfm	15.0 psi	
SP-3: 9.1 scfm 12.0	- ''-	·	2.8	scfm	23.0 psi	
SP-4: 1.3 scfm 17.1	psi		0.0	scfm 	>30 psi	
INCLUDE REMARKS & D	ESCRIBE ANY OTH	IER SYSTEM MA	NTENANCE	PERFORMED ON	AGWAY SITE	
Remarks: Drained SVE vacuum barre	(10 gallons). Put	hose on barrel dr	ain tap to fa	cilitate draining.		
Other Actions:						

Attachment B Analytical Report from Mitkem Corporation

Analytical Data Package/SDG: #F1628 Sampled: November 6, 2007



"Environmental Testing For The New Millennium"

November 16, 2007

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

RE: Client Project: Mr. C's Dry Cleaners Site (Compliance)

Lab Work Order #: F1628

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

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: <u>F1628</u>

			Anal	ytical Requirements		
Customer Sample ID	Laboratory Sample ID	MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
INFLUENT	F1628-01	SW8260B_W	and the second second of propositions are propositions on the second of	Commenced in the contract of t	SM2340_W	SEE DATA
EFFLUENT	F1628-02	SW8260B_W			SM2340_W	SEE DATA

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: F1628

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
SW8260B_W					
F1628-01A	AQ	11/6/2007	11/7/2007	NA	11/12/2007
F1628-02A	AQ	11/6/2007	11/7/2007	NA	11/12/2007

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: <u>F1628</u>

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Low/Medium Level	Dil/Conc Factor
SW8260B_W					
F1628-01A	AQ	SW8260B_W	NA	LOW	10
F1628-02A	AQ	SW8260B_W	NA	LOW	1

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: F1628

Laboratory Sample ID	Matrix	Metals Requested	Date Received By Lab	Date Analyzed
SM2340_W				
F1628-01C	AQ	SM2340_W	11/7/2007	11/12/2007
F1628-01CDUP	AQ	SM2340_W	11/7/2007	11/12/2007
F1628-02C	AQ	SM2340_W	11/7/2007	11/12/2007

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

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

Mitkem Work Order ID: F1628

November 16, 2007

Prepared For:

Ecology & Environment Engineering P.C.

368 Pleasantview Drive Lancaster, NY 14086 Attn: Mr. Michael Steffan

Prepared By:

Mitkem Corporation

175 Metro Center Boulevard

Warwick, RI 02886 (401) 732-3400

SDG Narrative

Mitkem Corporation submits the enclosed data package in response to Ecology & Environment, Inc's Mr. C's Dry Cleaners (Compliance) project. Under this deliverable, analyses results are presented for two aqueous samples that were received on November 7, 2007. Analyses were performed per specifications in the project's contract and the chain of custody form. Following the narrative is the Mitkem Work Order for cross-referencing client sample ID and laboratory sample ID.

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

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

1. Overall observation:

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

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

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

2. Volatile Analysis:

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

Trap used for instruments 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: spike recoveries were within the QC limits with the exception of 1,1,2-Trichloro-1,2,2-trifluoroethane in V1GLCS.

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

2. Wet Chemistry Analyses:

Duplicate: duplicate analysis was performed on sample INFLUENT for pH. Replicate RPDs were within the QC limits.

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

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

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

Shirley Ng

Project Manager

11/16/07

Client ID: ENE	Case:	Report Level: ASP-A	ASP-A
Project: Mr. C's Dry Cleaning	SDG:	EDD:	ENE
Location:	PO: 002700.DC13.02.01.02	HC Due:	HC Due: 11/26/07
Comments: 1 ppb ICAL for VOA. Run Influent sample	mple 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	Matrix	Test Code	Lab Test Comments	Hold MS SEL Storage
F1628-01A	INFLUENT	11/06/2007 0:00	11/07/2007	Aqueous	Aqueous SW8260B_W	OLM_VOA,	
F1628-01B	INFLUENT	11/06/2007 0:00	11/07/2007	Aqueous	Aqueous SM4500_H+		P
F1628-01C	INFLUENT	11/06/2007 0:00	11/07/2007	Aqueous	Aqueous SM2340_W		M4
F1628-02A	EFFLUENT	11/06/2007 0:00	11/07/2007	Aqueous	Aqueous SW8260B_W	OLM_VOA,	U VOA
F1628-02B	EFFLUENT	11/06/2007 0:00	11/07/2007	Aqueous	SM4500_H+		
F1628-02C	EFFLUENT	11/06/2007 0:00	11/07/2007	Aqueous	Aqueous SM2340_W		

Sample Transmittal Documentation



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

CHAIN-OF-CUSTODY RECORD

Page L of

unises:	THE STATE OF THE S	HIN.	01.13											INVO	F 10				*****		
Knav.=	COMPANY Ecology & Griving Ment	2 Environs	Again t	. Inc	J	PH0	SE SE	PHONE 694 - 8660	COMPANY	ANY	Same	نه				Jan.	PHONE		Press,	LAB PROJECT #:	3.1
	NAME MIKE'S	Steffan		_		EAX 11	99	FAX 684-094+	NAME	ш							FAX			ا الم	
***************************************	ADDRESS 368 P[eq.	368 Pleasurtiew Or							ADDRESS	ESS					THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWI					TURNAROUND TIME.	ME.
	CITY/ST/ZIP Lancasher	Š		14086	2			Ę	CITY	CITY/ST/ZIP											
	CLIENT PROJECT NAME:		CE	CLIENT PROJECT#:	SOJEC	#		CLIENT P.O.#:							T TO CL	eren A	DECEMBER ANALYSES		4		
	Mr C's OMAM	AM.	8	00270.DC02	Ö	250	Na	,									WALL SES			\	
· · · · · · · · · · · · · · · · · · ·	SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	CEVE	WATER	TIOS	ЯЕНТО	LABID	# OF CONTAINERS	7	30	MA	, Xoi	Frankling I Pari	De 18 18 18 18 18 18 18 18 18 18 18 18 18					COMMENTS	
	Influent	11/6/07/			>			10	#	7	>		>								
	WINNESS CO. 10 C.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			>			C C	4	1	>		>				antibula di solo di so		erresonnes de	2001 / PODE 10000 proprieto	
·	Scarage de		ļ	ļ		-			•					<u> </u>						and the second s	
				-	-	-	<u> </u>	and the state of t				ļ							AND ALABAM THE STORY OF THE STORY AS PROPERTY.	**************************************	1
	THE RESERVE OF THE PARTY OF THE																			Territory and programming programming and programming	
		,																			
														(11) 'anni-ano.							
·····		,																			
					-																
	TSF# RELINQU	RELINQUISHED BY		DAT	DATE/TIME	щ		ACCE	ACCEPTED BY	3.7			DATE/TIME	IME	ADD	ITIONA	ADDITIONAL REMARKS:	cS:		COOLER TEMP:	P.
300	Lihar IC.	Alley Tr		11/6/07 / Ziacp	7	من	7	worke of	wed	7	1	<u>Em</u>	_ TOIEI II	8:30	T					7.7	
J. Since	5	•			/			7					1			٠					
***************************************					/								_								
		AND THE PROPERTY OF THE PARTY O	M	HILE	LABO	RATOF	WHITE: LABORATORY COPY	Ā	YELLO	W: RE	YELLOW: REPORT COPY	Adc		Ma	K: CLIE	PINK: CLIENT'S COPY	λď				

MITKEM CORPORATION

Sample Condition Form

Page __ of __

Received By: VEG	Reviewed By:	KP		Date: \	1/7/07	MITKE	M Worko	rder#: F	1628
Client Project: Mr. C		·······				Soil Headspace			
	. Compliance	Lab Samp	ole ID	HNO ₃	Preserva H ₂ SO ₄	ation (pl	H) NaOH	VOA Matrix	or Air Bubbles ≥ 1/4"
1) Cooler Sealed (Ves)/ I	No	FIUX	0]	<u>ري</u>	. 7			Н	
17 Occide Occided (103)				ムシ					
(C) Custodi Cool(n)	Broom (Absort	FILOS	09					Н	
2) Custody Seal(s)	Present / Absent		***************************************						
	(Intast / Broken			 	<u> </u>				
	(IIIIadi / Biokeii								
3) Custody Seal Number(s)	->10	**************************************							
o dottody oddr Hallingsi (6)	NIF								
							-		
,									
 4) Chain-of-Custody	Present / Absent						/		
,									
 5) Cooler Temperature	4°C	·							
Coolant Condition	ICE			*					
6) Airbill(s)	Present / Absent					$\sqrt{}$			
Airbill Number(s)	FEDEX				ZV.	₹			
	79974679 9490				7				
					33				
					/	<u> </u>			
7) Sample Bottles	Intact/Broken/Leaking								
				<u>/</u>					
8) Date Received	11/7/07		/-			<u> </u>			
,			/						······································
9) Time Received	8:30	<u> </u>	/			VOA I	Matrix Ke	;y:	
						US = l	Jnpreserv	ed Soil	A = Air
Preservative Name/Lot No:						•	Jnpreserv	ed Aqu.	H = HCI
						M= Me			E = Encore
	·	/				N = Na	aHSO₄		F = Freeze
		<u> </u>			}				
See Sample Cond	lition Notification/Correc	tive Action Fo	orm y	es /(ng	*.				
<u> </u>						Rad O	K yes/n	0	

Sample Condition Notification

Mitkem Project#: F1628 Client: E&E Client project #/name: My C's	Date of Receipt: いかり
Unusual Occurance Description:	
Sample D' DISCHARGE wed	on COC, but 'EFFLUENT'
is used on bottles.	. '
Client Contacted: Contacted via: Phone/Fax/E-I Date:Time: Contacted By:SN Name of person contacted: Client Response: Responded via: Phone/Fax/E Date:II/I/U Name of person responding:_ Responding to:	Mike Steffan -mail
Mitkem Action Taken:	

Shirley Ng

From:

"IEG" <iegpllc@adelphia.net>

To:

"Steffan, Mike" < MSteffan@ene.com>; "Shirley Ng" < sng@mitkem.com>

Sent:

Wednesday, November 07, 2007 7:45 PM

Subject:

RE: sample ID discrepancy

Sorry about the mixup. Yes, please call them EFFLUENT on all reports.

Shirley, can you also ship a sample set (i.e. for two samples + small cooler) before the end of this month? We have two sets & two coolers with us.

Thanks.

Dharma

From: Steffan, Mike [mailto:MSteffan@ene.com] Sent: Wednesday, November 07, 2007 3:23 PM

To: IEG

Subject: FW: sample ID discrepancy

Dharma,

Can you clear the question up for me regarding the information on the COC for Mr. C's from Mitkem? I believe you want the COC and bottles to be consistent. I am assuming that you want effluent on the COC and bottles not discharge.

Mike

From: Shirley Ng [mailto:sng@mitkem.com]
Sent: Wednesday, November 07, 2007 3:18 PM

To: Steffan, Mike

Subject: sample ID discrepancy

Hi Mike.

There is a sample named "DISCHARGE" on the COC, but called "EFFLUENT" on the sample bottles for Mr.C's project

Per our discussion, this sample will be called "EFFLUENT" on all reports.

Correct?

Shirley S. Ng
Project Manager, Mitkem Corp.
(phone) 401-732-3400 ext.314
(fax) 401-732-3499
sng@mitkem.com

This message is intended only for the use of the individual to whom it is addressed and may contain information that is privileged, confidential, and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, or the employee responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone at 401-732-3400

MITKEM Corporation

* Volatiles *

1I

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA	SAMPLE	NO.	
TAIRT	CENT		
TMLI	OEMT.		
l			

Lab Name: Mitkem Corpor	ation	Contract:			
Lab Code: MITKEM	Case No.:	SAS No.:	SDG No.: MF1628		
Matrix: (soil/water) WA	TER	Lab Sample ID: F1628-01A			
Sample wt/vol:	5 (G/ML) ML	Lab File ID: V1J1	.585.D		
Level: (low/med) LOW		Date Received: 11,	/07/2007		
% Moisture: not dec.		Date Analyzed: 11/	/12/2007		
GC Column: DB-624	ID: 0.25 (mm)	Dilution Factor:	10.00		
Soil Extract Volume:	(µL)	Soil Aliquot Volu	me: (µL)		
			The state of the s		

CONCENTRATION UNITS:

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
	B Dichlorodifluoromethane	. 10	Ū
74-87-	3 Chloromethane	10	Ü
75-01-	4 Vinyl chloride	1.0	ū
	Bromomethane	1.0	Ü
	Chloroethane	10	Ū
75-69-4	Trichlorofluoromethane	10	Ū
75-35-4	1,1-Dichloroethene	10	Ū
67-64-1	Acetone	50	Ū
75-15-0	Carbon disulfide	10	Ŭ
75-09-2	Methylene chloride	10	Ū
156-60-5	trans-1,2-Dichloroethene	10	Ü
1634-04-4	Methyl tert-butyl ether	11	<u> </u>
75-34-3	1,1-Dichloroethane	10	Ū
78-93-3	2-Butanone	. 50	ט
156-59-2	cis-1,2-Dichloroethene	12	
67-66-3	Chloroform	. 10	Ü
71-55-6	1,1,1-Trichloroethane	10	Ū
56-23-5	Carbon tetrachloride	10	Ū
107-06-2	1,2-Dichloroethane	10	Ū
71-43-2	Benzene	10	Ū
79-01-6	Trichloroethene	33	
78-87-5	1,2-Dichloropropane	10	Ü
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	1.0	Ū
108-10-1	4-Methyl-2-pentanone	50	Ū
108-88-3	Toluene	10	Ū
10061-02-6	trans-1,3-Dichloropropene	10	0
79-00-5	1,1,2-Trichloroethane	1.0	Ū
127-18-4	Tetrachloroethene	1100	1
591-78-6	2-Hexanone	50	Ū
124-48-1	Dibromochloromethane	10	U

FORM I VOA-1

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA	SAMPLE	NO.
T		

		4.17.10.17	~	- 		
INFL	UENT	1				
					-	

Lab Name: Mitkem Corporation	Contract:			
Lab Code: MITKEM Case No.:	SAS No.: SDG No.: MF1628			
Matrix: (soil/water) WATER	Lab Sample ID: F1628-01A			
Sample wt/vol: 5 (G/ML) ML	Lab File ID: V1J1585.D			
Level: (low/med) LOW	Date Received: 11/07/2007			
% Moisture: not dec.	Date Analyzed: 11/12/2007			
GC Column: DB-624 ID: 0.25 (mun)	Dilution Factor:	10.00		
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	10	Ū
108-90-	7 Chlorobenzene	10	Ü
100-41-	4 Ethylbenzene	. 10	Ū
1330-20-	7 Xylene (Total)	10	Ū
100-42-	5 Styrene	10	Ū
75-25-	2 Bromoform	10	U
98-82-	8 Isopropylbenzene	10	Ū
79-34-	5 1,1,2,2-Tetrachloroethane	10	Ü
541-73-	1 1,3-Dichlorobenzene	10	Ú
106-46-	7 1,4-Dichlorobenzene	10	U
95~50-	1 1,2-Dichlorobenzene	10	Ü
96-12-	8 1,2-Dibromo-3-chloropropane	10	U
120-82-	1 1,2,4-Trichlorobenzene	1.0	ט
76-13-	1 1,1,2-Trichloro-1,2,2-trifluoroethane	10	Ū
110-82-	7 Cyclohexane	10	Ų
79-20-	9 Methyl acetate	10	U
108-87-	2 Methylcyclohexane	10	U

1F VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA	SAMPLE	NO.	 	
INFI	JUENT			

Lab Name: Mitkem Corporation	Contract:
Lab Code: MITKEM Case No.:	SAS No.: SDG No.: MF1628
Matrix: (soil/water) WATER	Lab Sample ID: F1628-01A
Sample wt/vol: 5 (G/ML) ML	Lab File ID: V1J1585.D
Level: (low/med) LOW	Date Received: 11/07/2007
% Moisture: not dec.	Date Analyzed: 11/12/2007
GC Column: DB-624 ID: 0.25 (mm)	Dilution Factor: 10.0
Soil Extract Volume: (pL)	Soil Aliquot Volume: 0 (µL)
Number TICs found: 0	
	CONCENTRATION UNITS: UG/L
CAS NO. COMPOUND	RT ESTIMATED CONCENTRATION Q

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA	SAMPLE	NO.	
EFFI	JUENT		

Lab Name: Mitkem Corpora	ation	Contract:	<u> </u>	
Lab Code: MITKEM	Case No.:	SAS No.: SDG No.: MF1628		
Matrix: (soil/water) WAT	ER	Lab Sample ID: F1628-02A		
Sample wt/vol:	5 (G/ML) ML	Lab File ID: V1J1584.D		
Level: (low/med) LOW	A STATE OF THE STA	Date Received: 11/07/2007	-	
% Moisture: not dec.		Date Analyzed: 11/12/2007		
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-	Blichlorodifluoromethane	1.0	U
74-87-	Chloromethane	1.0	υ
75-01-	Vinyl chloride	1.0	Ū
74-83-9	Bromomethane	1.0	ט
75-00-3	Chloroethane	1.0	Ū
75-69-4	1 Trichlorofluoromethane	1.0	U
75-35-4	11,1-Dichloroethene	1.0	ט
67-64-	Acetone	5.0	U
75-15-(Carbon disulfide	1.0	Ū
75-09-2	Methylene chloride	1.0	Ü
156-60-5	trans-1,2-Dichloroethene	1.0	U
1634-04-4	Methyl tert-butyl ether	1.1	
75-34-3	31,1-Dichloroethane	1.0	Ū
78-93-3	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	Ü
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	1.0	Ū
79-01-6	Trichloroethene	1.0	Ū
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	Ū
10061-01-5	cis-1,3-Dichloropropene	1.0	Ū
108-10-1	4-Methyl-2-pentanone	5.0	Ü
108-88-3	Toluene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	Ū
79-00-5	1,1,2-Trichloroethane	1.0	U
127-18-4	Tetrachloroethene	2.4	
591-78-6	2-Hexanone	5.0	ū
124-48-1	Dibromochloromethane	1.0	Ū

FORM I VOA-1

		1A		
MOLATILE.	ORGANICS	ANALYSIS	DATA	SHEET

EPA	SAMPLE	NO.	
EFFI	LUENT		

Lab Name: Mitkem Corporation	Contract:	
Lab Code: MITKEM Case No.:	SAS No.: SDG No.	.: MF1628
Matrix: (soil/water) WATER	Lab Sample ID: F1628-02A	
Sample wt/vol: 5 (G/ML) ML	Lab File ID: V1J1584.D	
Level: (low/med) LOW	Date Received: 11/07/2007	**************************************
% Moisture: not dec.	Date Analyzed: 11/12/2007	union de la constantina della
		1.0
	WHITE THE PARTY OF	
Soil Extract Volume: (µL)	Soil Aliquot Volume:	(µL)
	CONCENTRATION UNITS	3:
CAS NO. COMPOUND	(µg/L or µg/Kg) UG/	
106-93-41,2-Dibromoethane		.0 U
108-90-7 Chlorobenzene	1	.0 U
100-41-4 Ethylbenzene	1	.0 0
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		,0 U
79-34-51,1,2,2-Tetrachloroethane		.0 0
541-73-1 1,3-Dichlorobenzene		.0 U
106-46-7 1,4-Dichlorobenzene		.0 U
95-50-11,2-Dichlorobenzene		.0 U
96-12-81,2-Dibromo-3-chloropropane		.0 U
120-82-1 1,2,4-Trichlorobenzene		.0 0
76-13-11 1 2-Trichloro-1.2.2-trifluoroethane	1	.0 U

110-82-7 Cyclohexane

79-20-9 Methyl acetate

108-87-2 Methylcyclohexane

1.0

1.0

1.0

Ü

U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA	SAMPLE	NO.	
EFFI	LUENT		

Lab Name: Mitkem Corporation		Contract:		
Lab Code: MITKEM	Case No.:	SAS No.:	SDG No.: MF1628	
Matrix: (soil/water) W	ATER	Lab Sample ID: F162	28-02A	
Sample wt/vol:	5 (G/ML) ML	Lab File ID: V1J15	584.D	
Level: (low/med) LOW		Date Received: 11/07/2007		
% Moisture: not dec.		Date Analyzed: 11/1	12/2007	
GC Column: DB-624	ID: 0.25 (mm)	Dilution Factor:	1.0	
Soil Extract Volume:	(pL)	Soil Aliquot Volum	.e: 0 (µL)	
Number TICs found:	0			
		CONC	CENTRATION UNITS: UG/L	
CAS NO. COMPOUN	D	RT EST	MATED CONCENTRATION Q	

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA	SAMPLE	NO.		
V1GI	CS		·	
				•

Lab Name: Mitkem Corporation		Contract:		
Lab Code: MITKEM Case No.:		SAS No.:	SDG No.: MF1628	
Matrix: (soil/water) WATER		Lab Sample ID: LCS-33221		
Sample wt/vol: 5 (G/ML) ML		Lab File ID: V1J1583.D		
Level: (low/med) LOW .		Date Received:		
% Moisture: not dec.	A Committee of the Comm	Date Analyzed: 11	/12/2007	
GC Column: DB-624	ID: 0.25 (mm)	Dilution Factor:	1.00	
Soil Extract Volume:	(hr)	Soil Aliquot Vol	ume: (µL)	

CONCENTRATION UNITS:

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(μ g/L or μ g/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	30	
74-87-3	Chloromethane	49	
75-01-4	Vinyl chloride	42	
74-83-9	Bromomethane	43	
75-00-3	Chloroethane	44	
75-69-4	Trichlorofluoromethane	41	
75-35-4	1,1-Dichloroethene	44	
67-64-1	Acetone	41	
75-15-0	Carbon disulfide	35	
	Methylene chloride	45	
156-60-5	trans-1,2-Dichloroethene	41	T
1634-04-4	Methyl tert-butyl ether	59	
75-34-3	1,1-Dichloroethane	42	
78-93-3	2-Butanone	42	
156-59-2	cis-1,2-Dichloroethene	48	
67-66-3	Chloroform	46	
71-55-6	1,1,1-Trichloroethane	48	
- • • • •	Carbon tetrachloride	45	
107-06-2	1,2-Dichloroethane	48	
71-43-2	Benzene	48	
79-01-6	Trichloroethene	44	
78-87-5	1,2-Dichloropropane	49	
75-27-4	Bromodichloromethane	49	
10061-01-5	cis-1,3-Dichloropropene	50	
108-10-1	4-Methyl-2-pentanone	47	
108-88-3	Toluene	49	
	trans-1,3-Dichloropropene	49	
79-00-5	1,1,2-Trichloroethane	49	
127-18-4	Tetrachloroethene	48	
591-78-6	2-Hexanone	. 46	
124-48-1	Dibromochloromethane	51	

FORM I VOA-1

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

	SAMPLE	NO.	
V1GI			

Lab Name: Mitkem Corporation	Contract:	Contract:		
Lab Code: MITKEM Case No.:	SAS No.:	SDG No.:	MF1628	
Matrix: (soil/water) WATER	Lab Sampl	e ID: LCS-33221		
Sample wt/vol: 5 (G/ML) ML	Lab File	ID: V1J1583.D		
Level: (low/med) LOW	Date Rece	ived:		
% Moisture: not dec.	 Date Anal	yzed: 11/12/2007		
GC Column: DB-624 ID: 0.25 (m	m) Dilution	Factor:	1.0	
CHARLES THE STATE OF THE STATE	L) Soil Aliq	uot Volume:	(µL	
		CONCENTRATION UNITS:		
CAS NO. COMPOUND		(µg/L or µg/Kg) UG/L	<u>Q</u>	
106-93-4 1,2-Dibromoethane		52		
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		56		
98-82-8 Isopropylbenzene		53		
79-34-51,1,2,2-Tetrachloroethane		51		
541-73-11,3-Dichlorobenzene	,,	48 .		
106-46-71,4-Dichlorobenzene		48		
95-50-11,2-Dichlorobenzene		49		
96-12-81,2-Dibromo-3-chloropropane		. 48		
120-82-11,2,4-Trichlorobenzene		. 49	-	
76-13-11,1,2-Trichloro-1,2,2-trifluoroetha	ane	33		
110-82-7 Cyclohexane		40		
79-20-9 Methyl acetate		48		

108-87-2 Methylcyclohexane

39

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: Mitkem Corporation Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1628

ſ	EPA	SMC1	SMC2	SMC3	SMC4	TOT
	SAMPLE NO.	DBFM#	DCE#	TOL #	BFB#	OUT
01	/BLK1G	95	97	110	107	0
22	/1GLCS	96	94	109	118	0
зβ	SFFLUENT	. 95	97	107	107	0
34	INFLUENT	97	99	105	107	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	2000	Bromofluorobenzene	(75-120)

[#] Column to be used to flag recovery values

^{*} Values outside of contract required QC limits

3A WATER VOLATILE LABORATORY CONTROL SAMPLE/DUPLICATE RECOVERY

Lab	Name:	Mitke	m Corporati	on	Contract			
Lab	Code:	MITKEM	Case No.	•	SAS No.:	P1-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	SDG No.:	MF1628
Mati	cix Spi	ke - EPA	Sample No.	V1GL	CS			

SPIKE BLANK LCS LCS QC. CONCENTRATION LIMITS ADDED CONCENTRATION ફ COMPOUND (µg/L) (µg/L) REC # REC. $(\mu g/L)$ Dichlorodifluoromethane 50 0 30 60 30-155 50 0 49 98 40-125 Chloromethane Vinyl chloride 50 0 42 84 50-145 Bromomethane 50 43 86 30-145 50 0 60-135 44 88 Chloroethane 50 0 Trichlorofluoromethane 41 82 60-145 50 ō 44 88 70-130 1,1-Dichloroethene 50 Ω 41 82 40-140 0 70 35-160 Carbon disulfide 50 35 90 Methylene chloride 50 0 45 55-140 trans-1,2-Dichloroethene 50 0 41 82 60-140 Methyl tert-butyl ether 50 0 59 118 65-125 50 0 42 84 70-135 1,1-Dichloroethane 50 Ō 42 84 30-150 2-Butanone 50 ō 48 96 70-125 cis-1,2-Dichloroethene 50 Chloroform 0 46 92 65-135 0 1,1,1-Trichloroethane 50 48 96 65-130 50 45 90 65-140 Carbon tetrachloride 50 0 48 96 70-130 1,2-Dichloroethane 0 80-120 Benzene 50 48 96 Trichloroethene 50 0 44 88 70-125 1,2-Dichloropropane 50 0 49 98 75-125 50 0 49 98 75-120 Bromodichloromethane 50 n 100 70~130 cis-1,3-Dichloropropene 50 0 47 94 60-135 4-Methyl-2-pentanone 98 75-120 Toluene 50 0 49 50 0 98 55-140 trans-1,3-Dichloropropene 49 0 75-125 50 49 98 1,1,2-Trichloroethane Tetrachloroethene 50 0 48 96 45-150 50 0 55-130 2-Hexanone 46 92 Dibromochloromethane 50 0 51 102 60-135

COMMENTS:	

 $[\]ensuremath{\text{\#}}$ Column to be used to flag recovery and RPD values with an asterisk

^{*} Values outside of QC limits

3A WATER VOLATILE LABORATORY CONTROL SAMPLE/DUPLICATE RECOVERY

Lab Name: Mitkem Corp	poration	Contract:	Port of the latest of the late		
Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1628 Matrix Spike - EPA Sample No.: VIGLCS 1,2-Dibromoethane 50 0 52 104 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 56 112 70-130 Isopropylbenzene 50 0 53 106 75-125 1,1,2,2-Tetrachloroethane 50 0 51 102 65-130 1,3-Dichlorobenzene 50 0 48 96 75-125 1,4-Dichlorobenzene 50 0 48 96 75-125 1,2-Dichlorobenzene 50 0 48 96 75-125 1,2-Dichlorobenzene 50 0 48 96 50-130 1,2-Dibromo-3-chloropropa 50 0 48 96 50-130 1,2,4-Trichlorobenzene 50 0 49 98 65-135 1,1,2-Trichlorobenzene 50 0 49 98 65-135 1,1,2-Trichloro-1,2,2-tri 50 0 33 66* 70-130					
Matrix Spike - EPA Sampl	e No.:	V1GLCS			
1,2-Dibromoethane	- 50	0	52	104	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	56	112	70-130
Isopropylbenzene	50	0	53	106	75-125
1,1,2,2-Tetrachloroethane	50	0	51	102	65-130
1,3-Dichlorobenzene	5.0	0	48	96	75-125
1,4-Dichlorobenzene	50	0	48	96	75-125
1,2-Dichlorobenzene	50	0	49	98	70-120
1,2-Dibromo-3-chloropropa	50	0	48	96	50-130
1,2,4-Trichlorobenzene	50	0	49	98	65-135
1,1,2-Trichloro-1,2,2-tri	50	0	33	66*	70-130
Cyclohexane	50	0	40	80	70-130
Methyl acetate	50	0	48	96	70-130
Methylcyclohexane	50	0	39	78	70-130

COMMENTS:	

 $[\]ensuremath{\mathtt{\#}}$ Column to be used to flag recovery and RPD values with an asterisk

^{*} Values outside of QC limits

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK1G

Lab Name: Mitkem Corporation

Contract:

Lab Code: MITKEM Case No.:

SAS No.: SDG No.: MF1628

Lab File ID: V1J1582.D

Lab Sample ID: MB-33221

Date Analyzed: 11/12/07

Time Analyzed: 10:49

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

Instrument ID: V1

THIS METHOD BLANK APPLIES TO THE FOLLOWING:

	EPA	LAB	LAB	TIME
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
01	VBLK1G	MB-33221	V1J1582.D	10:49
02	VIGLCS	LCS-33221	V1J1583.D	11:31
03	EFFLUENT	F1628-02A	V1J1584.D	12:12
04	INFLUENT	F1628-01A	V1J1585.D	12:40

COMMENTS:	

page 1 of 1.

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA	SAM	PLE	NO.

VBLK1G	
ADTIVIA	
•	

Lab Name: Mitkem Corpor	ation	Contract:	
Lab Code: MITKEM	Case No.:	SAS No.:	SDG No.: MF1628
Matrix: (soil/water) WA	ER	Lab Sample ID: MB-3	33221
Sample wt/vol:	5 (G/ML) ML	Lab File ID: V1J15	82.D
Level: (low/med) LOW		Date Received:	
% Moisture: not dec.	·	Date Analyzed: 11/1	12/2007
GC Column: DB-624	ID: 0.25 (m	m) Dilution Factor:	1.00
Soil Extract Volume:	(µ	L) Soil Aliquot Volum	e: (µL)

CONCENTRATION UNITS:

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
	Blichlorodifluoromethane	1.0	· Ū
74-87-1	Chloromethane	1.0	Ū
75-01-4	Vinyl chloride	1.0	Ū
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	Ü
75-35-4	1,1-Dichloroethene	1.0	Ų
67-64-3	Acetone	5.0	υ
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	υ
1634-04-4	Methyl tert-butyl ether	1.0	Ū
75-34-3	1,1-Dichloroethane	1.0	Ū
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	Ü
67-66-3	Chloroform	1.0	Ū
71-55-€	1,1,1-Trichloroethane	1.0	Ū
56-23-5	Carbon tetrachloride	1.0	Ü
107-06-2	1,2-Dichloroethane	1.0	Ü
71-43-2	Benzene	1.0	U
79-01-6	Trichloroethene	1.0	Ū
78-87-5	1,2-Dichloropropane	1.0	ט
75-27-4	Bromodichloromethane	1.0	Ū
10061-01-5	cis-1,3-Dichloropropene	1.0	<u>י</u>
108-10-1	4-Methyl-2-pentanone	5.0	Ū
108-88-3	Toluene	1.0	Ü
10061-02-6	trans-1,3-Dichloropropene	. 1.0	Ū
79-00-5	1,1,2-Trichloroethane	1.0	ט
127-18-4	Tetrachloroethene	1.0	Ū
591-78-6	2-Hexanone	5.0	ט
124-48-1	Dibromochloromethane	1.0	ש
	l		1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA	SAMPLE	NO.	
VBL	KIG		

Lab Name: Mitkem Corporation		Contract:			
Lab Code: MITKEM	Case No.:	SAS No.:	SDG No.: MF1628		
Matrix: (soil/water)	WATER	Lab Sample ID: MB-33221			
Sample wt/vol:	5 (G/ML) ML	Lab File ID: V1J1582.D			
Level: (low/med) LOW		Date Received:			
% Moisture: not dec.		Date Analyzed: 11/12/200	7		
GC Column: DB-624	ID: 0.25 (mm)	Dilution Factor;	-	1.00	
Soil Extract Volume:	(hr)	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-	Chlorobenzene	1.0	Ū
100~41-4	Ethylbenzene	1.0	Ū
1330-20-7	Xylene (Total)	1.0	U
100-42-5	Styrene	1.0	Ū
» 75-25-2	Bromoform '	1.0	Ü
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	Ū
106-46-7	1,4-Dichlorobenzene	1.0	Ū
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	Ü
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
110-82-7	Cyclohexane	1.0	Ü
79-20-9	Methyl acetate	1.0	Ū
108-87-2	Methylcyclohexane	1.0	Ü

1F VOLATILE ORGANICS ANALYSIS DATA SHEET

E LV	DAMPLE	NO.
VBL	K1G	
i		

Lab Name: Mitkem Corpo	oration		Contract:		
Lab Code: MITKEM	Case No.:		SAS No.:	SDG No.: MI	F1628
Matrix: (soil/water) W	JATER		Lab Sample ID: MB-3	33221	NAME OF TAXABLE PARTY O
Sample wt/vol:	5 (G/ML)	ML	Lab File ID: V1J15	582.D	78.04.14.14.14.14.14.14.14.14.14.14.14.14.14
Level: (low/med) LOW			Date Received:		11 Maria
% Moisture: not dec.			Date Analyzed: 11/1	12/2007	
GC Column: DB-624	ID;	0.25 (mm)	Dilution Factor:		1.0
Soil Extract Volume:	ALL ALL ALL AND ALL AN	(hr)	Soil Aliquot Volum	ie:	0 (µL)
Number TICs found:		0			
			CONC	CENTRATION UNITS:	UG/L
CAS NO. COMPOUN	ÍD.		RT ESTI	IMATED CONCENTRAT	ION Q

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Mitkem Corporation

Contract:

Lab Code: MITKEM Case No.:

SAS No.: SDG No.: MF1628

Lab File ID (Standard): V1J0901.D Date Analyzed: 10/19/07

EPA Sample No.(VSTD050##): VSTD0501W Time Analyzed: 19:05

Instrument ID: V1

Heated Purge: (Y/N) N

GC Column: DB-624 ID: 0.25 (mm)

	IS1		IS2		IS3	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	1517977	5.94882	957569	9.59188	475803	12.52603
UPPER LIMIT	3035954	6.44882	1915138	10.09188	951606	13.02603
LOWER LIMIT	758989	5.44882	478785	9.09188	237902	12.02603
EPA SAMPLE						

IS1 = Fluorobenzene

IS2 = Chlorobenzene-d5

IS3 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +200% of internal standard area AREA LOWER LIMIT = -50% of internal standard area RT UPPER LIMIT = +0.50 minutes of internal standard RT RT LOWER LIMIT = -0.50 minutes of internal standard RT

- # Column used to flag values outside QC limits with an asterisk.
- * Values outside of QC limits.

page of

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Mitkem Corporation

Contract:

Lab Code: MITKEM Case No.:

SAS No.: SDG No.: MF1628

Lab File ID (Standard): V1J1581.D Date Analyzed: 11/12/07

EPA Sample No.(VSTD050##): VSTD0501G Time Analyzed:

10:09

Instrument ID: <u>V1</u>

Heated Purge: (Y/N) N

GC Column: DB-624 ID: 0.25 (mm)

	IS1		IS2		IS3	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
1.2 HOUR STD	1228076	5.91263	697199	9.54585	335173	12.48985
UPPER LIMIT	2456152	6.41263	1.394398	10.04585	670346	12.98985
LOWER LIMIT	614038	5.41263	348600	9.04585	167587	11.98985
EPA SAMPLE						
VBLK1G	1051921	5.91	598947	9.56	261473	12.49
VIGLES	1077040	5.92	644702	9.56	337716	12.49
EFFLUENT	1041671	5.92	619572	9.56	269399	12.50
INFLUENT	935207	5.92	563177	9.56	247614	12.50

IS1 = Fluorobenzene

IS2 = Chlorobenzene-d5

IS3 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +200% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

- # Column used to flag values outside QC limits with an asterisk.
- * Values outside of QC limits.

page <u>1</u> of <u>1</u>

MITKEM CORPORATION

* Wet Chemistry *

Mitkem Corporation

Date: 12-Nov-07

Client: Ecology and Environment Engineering, P.C.

Client Sample ID: INFLUENT

Lab ID: F1628-01

Project: Mr. C's Dry Cleaning

Collection Date: 11/06/07 0:00

Analyses	Result Qual	RL Units	DF Date Analyzed	Batch ID
HARDNESS by Calculation Hardness, Ca/Mg (As CaCO3)	500	SM2340_W 4.0 mg/L CaCO3	1 11/12/2007 10:17	33177
pH VALUE	7.2	SM4500_H + 1.0 S.U.	1 11/07/2007 10:20	R25028

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 Corporation

Date: 12-Nov-07

Client: Ecology and Environment Engineering, P.C.

Client Sample ID: EFFLUENT

Lab ID: F1628-02

Project: Mr. C's Dry Cleaning

Collection Date: 11/06/07 0:00

Analyses	Result Qual	RL Units	DF Date Analyzed	Batch ID
HARDNESS by Calculation Hardness, Ca/Mg (As CaCO3)	500	SM2340_W 4.0 mg/L CaCO3	1 11/12/2007 10:31	33177
pH VALUE	8.3	SM4500_H+ 1.0 S.U.	1 11/07/2007 10:20	R25028

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

DF - Dilution Factor

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

RL - Reporting Limit

• `	こうこういっていてい	このこちてころ
r	•	}
`		•
1, 1	インアクセン	TITOMIT

Ecology and Environment Engineering, P.C. Mr. C's Dry Cleaning F1628 Work Order: CLIENT: Project:

ANALYTICAL QC SUMMARY REPORT

Date: 12-Nov-07

Project:	Mr. C's Dry Cleaning	/ Cleaning						TestCode:	SM2340_W	M	
Sample ID: MB-33177 Client ID: MB-33177	77	SampType: MBLK Batch ID: 33177	TestCode Units:	TestCode: SM2340_W Units: mg/L CaCO3		Prep Date: 11/8/2007 Analysis Date: 11/12/2007	11/8/2007	Run II SeqN	Run ID: OPTIMA2_071112B SeqNo: 718764	1112B	
Analyte		WHITE PROPERTY AND ASSESSMENT OF THE PROPERTY	Result	PQL	SPK value	SPK Ref Val	SPK Ref Val %REC LowLimit HighLimit	HighLimit	RPD Ref Val	RPD Ref Val %RPD RPDLimit Qual	Qual
Hardness, Ca/Mg (As CaCU3)	s CaCO3)		ND	4.0							
Sample ID: F1628-01CDUP	orcoup,	SampType: DUP	TestCode	TestCode: SM2340_W	,	Prep Date: 11/8/2007	11/8/2007	Run	Run ID: OPTIMA2_071112B	1112B	
Client ID: INFLUENT	LNI	Batch (D: 33177	Units:	Units: mg/L CaCO3		Analysis Date: 11/12/2007	11/12/2007	SeqN	SeqNo: 718766		
Analyte			Result	POL	SPK value	SPK Ref Val	SPK Ref Val %REC LowLimit HighLimit	HighLimit	RPD Ref Val	RPD Ref Val %RPD RPDLimit Qual	Qual
Hardness, Ca/Mg (As CaCO3)	s CaCO3)		491.2	4.0	0	O	0 0	0	500.4	1.85 20	

ND - Not Detected at the Reporting Limit

I - Analyte detected below quantitation limits

Qualifiers:

R - RPD outside accepted recovery limits

pH Meter_071107A-ON pH Determination Logbook

MITKEM CORPORATION

Ηq	Meter	ID	,

Date	Sample	ID	pH Reading (in S.U.)	Buffer IDs	Comments	Analyst
11/4/01	pH 4.0		41.02	1W7060613A		NO
<u> </u>	pH 10.0		9.97	1WP061030C]
	p.H 7.0		7.01	140611290	100%	
	F1614	0/14	8.05		7 RPD = 0.37%.	
	F1614	0140017	8.08			
	F1608	OIB	7.22			
	F1628	013	8,33			
11/7/07	p.H. 7.0		7.03	1W13061129h	100-1.	NJ
		tangaga .				

\						
				·		
				ب		
-			18"			

pH LCS (Buffer 7.00) Acceptance Criteria: ±0.05 S.U.

analyzed @ 10:20

Calibration Check Criteria: pH Buffer: 4.00±0.05 S.U.

Frequency: at least every 20 samples

10.00+0.05 (

7.00+0.05 S.U.

Level 1 QA Review

Data Entry to LIMS

Level 2 QA Review

Last Page of Data Report

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

MF. CS DFY	Cleaners Sil	te - Remedia	Mr. C's Dry Cleaners Site - Remedial Treatment Utility	lity Costs	10						ATTA	ATTACHMENT C
NYSDEC Work Assignment #DC13.02.01.01	ork Assignn	nent #DC13.	02.01.01					Utility Budget:	get:	Electric:	\$25,800.00	
12 Months c	of System O	peration and	12 Months of System Operation and Maintenance			WALTER				Telephone:	\$540.00	
November 2007 Report	007 Report	3.7.3.1	e "Volumba Ar la state de la desta del tri substitut e e e e e e e e e e e e e e e e e e							Gas	\$720.00	
Gas and Electric	U									Total:	\$27,060.00	
Utility Provider	Account #	E&E Cost Center	Description	May-2007	Jun-2007	Jul-2007	Aug-2007	Sep-2007	Oct-2007	Nov-2007	Dec-2007	
New York State E&G	06-311-11-002616-2	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			
New York State E&G	76-311-11-015900-18	80	Agway Site - Electric	\$189.80	\$613.49	\$538.92	\$174.13	\$135.30	\$479.36			white the state of
National Fuel Gas	5819628-05	002700.DC13.02.01.	002700 DC13 02.01 Mr. C's Natural Gas Costs	\$ 66.14	&9:		-		\$ 17.87	\$ 95.16		The state of the s
	,		Totals	\$ 1,816.74	\$ 1,955.73	\$ 1,834.43	\$ 1,373.57	\$ 1,064,43	\$ 1,431.96	\$ 95.16	, &	
				Jan-2008	Feb-2008	Mar-2008	Apr-2008					Ave. /Month
	The state of the s		Mr. C's Electric Costs									\$ 1,210.31
			Agway Electric									
			Mr. C's Natural Gas Costs									\$ 59.72
			Totals	\$0.00	,	,	· •	,			\$0.00	\$ 1,625.20
			Electric	And the Manager of the Control of th	\$ 8,065.14					4.45.0000.3.600.4.600		
······································		TO A P DESCRIPTION.	Natural Gas		\$ 66.14			Overbilled natural gas costs - no charges	ral das costs -	no charges		
	Grand Total - N	YSE&G/National F	Grand Total - NYSE&G/National Fuel Gas Costs To Date	s,	6,26			Estimated Reading	ading			-000 NA 100000000
Phone	And control of the state of the		A OF THE PLANT AND A PROPERTY AND A		***************************************							
Utility Provider	Phone #	E&E Cost Center	Location Description	May-2007	Jun-2007	Jul-2007	Aug-2007	Sep-2007	Oct-2007	Nov-2007	Dec-2007	
Verizon	716-652-0094	002700.DC13.02.01	002700.DC13.02.01 Mr. C's Telephone Costs	\$ 44.89	\$ 44.98	\$ 46.71	\$ 55.95	\$ 56.19	\$ 56.17			
Account#			Annahar									AWWW.mmg. AW s
716 652 0094 416 26 2												
	a mana a pa a may napapapay distably by transmission			Jan-2008	Feb-2008	Mar-2008	Apr-2008					Ave./Month
				***************************************	ent i mente de la constante de	A THE STATE OF THE PROPERTY OF	10/10/10 (10/10/10 to 10/10/10 to 10/10/10/10 to 10/10/10 to 10/10 to 10/10/10 to 10/10/10 to 10/10/10 to 10/10/10 to 10/10/10 to 10		est and the second processing and a second second second			\$ 50,82
												A THE RESERVE THE PARTY OF THE
		Grand Total - \	Grand Total - Verizon Costs to Date	s	304.89		****This include:	s initial connectio	on fees for the p	hone company o	****This includes initial connection fees for the phone company of approximately \$180.	\$180.
		Grand Total	Grand Total All Utilities To Date	45	6,459.95				,			
A Paris Company of the Company	A PROGRAM A A A PROGRAM A A A A A A A A A A A A A A A A A A		**************************************		Maria de la constitución de la c						AND	
Western Anderson of Manager and College an	ALL AND MALE AND ALL A								3 1			
											WEDDOOR SCHOOL STATE OF SCHOOL	
	The state of the s											
												The control of the co
***************************************				and the same same			**************************************					Total Control

NOTIFICATION FOR MASS AGAINSTORY CONTINUES OF STATES Country Department #20.17		78 M Server 10 M S	, Agr	Telephone: Gas Total: Total: al Operation Comments ree after Separable Part B inspect	\$653.86	A. A
Comparison Com	Actual Operation Operation Actual Operation Actual Operation Below From From	78M Serving Se	ınt ity*	Gas Total: Total: I Operation Comments Tee after Separable Part B inspect	\$653.86	
Operational Time by O&M Services Conversion Operation Comments S20,600.05 Actual Or House Present Percent Conversion Operation Comments \$20,600.05 160 Percent Capacity Official Stands by OAM Furnityses or 10,2203 Operation Comments 160 Percent Capacity Official Stands by OAM Furnityses or 10,2203 Operation Comments 161 Control 10,000% Six Stands Otheral Stands by OAM Furnityses or 10,2203 Operation Comments 616 Control 10,000% Control 10,000% Six Stands Otheral Stands by OAM Furnityses or 10,2203 617 Control 10,000% Control 10,000% Control 10,000% Control 10,000% Control 10,000% 627 OT 00,000% Control 10,000% C	Operational Actual OP Hours Hours 96 168 168 720 720 724 672 692 692 693 640 607 672 607 672 608 641.5 792 792 840 607 608 638 609 664 672 659 659 659 656 656 669 669 689 689 689 689 689 689 689 689 689 689 689 689 689 689 689 689 689 689 689 689 689 689 689 689 689 689 689 689 689 689 689 689 689	by O&M Serv Up-Time Percent 100.00% 100.00% 100.00% 100.00% 100.00% 99.88% 99.88% 99.70% 100.00% 97.62% 97.62% 97.62% 97.66% 97.66% 97.66% 97.66% 97.66% 97.66% 97.66%	על ע	Total: Total: al Operation Comments ree after Separable Part B inspect	よった とれた のよ	
Operational Time by O&M Services Actual operation of Library Operation Comments Actual operation of Library Operation Comments Percent House of Library Capacity General Operation Comments 169 Percent Capacity Capacity 169 Town Only Percent Capacity 169 Town Only Percent Capacity 169 Town Only Percent Capacity 172 Town Only Percent Capacity 180 Town Only Percent Percent 181 Town Only Percent Percent 182 Town Only Percent Percent 183 Town Only Percent Percent 184 Town Only Percent Percent 185 Town Only Percent Percent 186 Town Only Percent Percent 187 Town Only Percent of the perc	Operational Actual OP Hours Hours 168 168 168 172 672 695 695 697 697 697 697 697 697 697 697 698 698 698 698 698 698 698 698 698 698	by O&M Serv Up-Time 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 99.70% 99.70% 99.73% 99.73% 99.23% 99.23% 99.23% 97.06% 97.06% 97.06% 97.06% 97.06%	ı x x x x x x x x x x x x x x x x x x x	al Operation Comments ree after Separable Part B inspect	970,000,026	
Processible Op	Possible OP Hours Hober-03 T44 Hours Hours Hold Hours Hold Hold Hord Hold		*	al Operation Comments ree after Separable Part B inspect		
1,000,000,000,000,000,000,000,000,000,0	Touris T			al Operation Comments ree after Separable Part B inspect		
198 100 <td>90 168 720 720 672 636 696 696 696 696 696 696 696</td> <td>100.00% 100.00% 100.00% 100.00% 100.00% 99.88% 99.70% 73.71% 99.43% 100.00% 100.00% 100.00% 97.62% 97.62% 97.66% 100.00% 97.66% 100.00% 97.62% 97.66% 100.00% 98.57% 98.57% 98.57% 98.57%</td> <td></td> <td>ree after Separable Part B inspect</td> <td></td> <td></td>	90 168 720 720 672 636 696 696 696 696 696 696 696	100.00% 100.00% 100.00% 100.00% 100.00% 99.88% 99.70% 73.71% 99.43% 100.00% 100.00% 100.00% 97.62% 97.62% 97.66% 100.00% 97.66% 100.00% 97.62% 97.66% 100.00% 98.57% 98.57% 98.57% 98.57%		ree after Separable Part B inspect		
770 170 (10 000) 578 Contain Statuto by Young transport by Count of the page Statuto of Count of Cou	720 672 672 816 696 696 696 696 696 696 696 696 696 6	100.00% 100.00% 100.00% 100.00% 99.88% 99.78% 100.00%		CO. O. O. O	IOI	
724 774 1100 00% 78% 675 675 100 00% 77% 77% 676 677 99 98% 57% 77% 677 99 98% 57% 77% 77% 678 670 99 98% 57% 77% 77% 679 670 99 98% 57% 77% 77% 77% 670 670 99 98% 57% 77%	744 744 672 696 696 696 696 672 672 840 672 672 696 696 696 696 696 696 696 696 696 69	100.00% 100.00% 100.00% 100.00% 99.88% 99.73% 100.00% 100.00% 100.00% 100.00% 100.00% 97.62% 97.62% 97.62% 97.62% 97.62% 97.66% 100.00% 97.16% 100.00% 98.57% 98.57% 98.57% 98.57% 98.57%		by O&M Enterprises on 10/22/03		
67.2 67.2 17.00 DOR. 21%. Color Color. 17.5 <td>672 696 696 696 696 696 672 672 672 672 696 840 696 696 696 696 696 696 696 696 696 69</td> <td>100.00% 100.00% 99.88% 99.70% 73.71% 100.00% 100.00% 100.00% 97.62% 97.62% 97.62% 97.62% 97.62% 97.62% 97.66% 100.00% 97.66% 100.00% 97.66% 100.00% 97.66% 98.57% 98.57% 98.57% 98.57% 98.57%</td> <td></td> <td></td> <td>The state of the s</td> <td>TO CONTROL OF THE PARTY OF THE</td>	672 696 696 696 696 696 672 672 672 672 696 840 696 696 696 696 696 696 696 696 696 69	100.00% 100.00% 99.88% 99.70% 73.71% 100.00% 100.00% 100.00% 97.62% 97.62% 97.62% 97.62% 97.62% 97.62% 97.66% 100.00% 97.66% 100.00% 97.66% 100.00% 97.66% 98.57% 98.57% 98.57% 98.57% 98.57%			The state of the s	TO CONTROL OF THE PARTY OF THE
696 686 99.00% 51% 61 686 98.00% 51% Sephement shuldown for flow of water to all stripper for the shuldown for impercion and cleaning for shuldown for impercion and cleaning for the shuldown for impercion and cleaning for the shuldown for impercion and cleaning for shullown	696 696 696 696 696 672 672 672 672 672 840 696 696 696 696 696 696 696 696 696 69	100.00% 99.88% 99.70% 73.71% 199.43% 100.00% 100.00% 97.62% 97.62% 97.16% 100.00% 97.17% 98.217% 98.217% 98.57% 98.57% 98.56%			The state of the s	V-774.000.0000000000000000000000000000000
815 987.9% 51% Europhysis 51% Europhysis 51% Europhysis 61% <	816 672 696 696 840 672 672 672 672 840 840 840 840 840 696 696 696 696 696 696 696 696 696 864 864 864 864 864 864 864 864 864 86	99.88% 99.70% 73.71% 99.43% 100.00% 1100.00% 97.62% 97.62% 97.16% 100.00% 98.517% 98.57% 98.57% 98.56% 91.43%				
672 673 97 PVS 55 We have been somewhat the strain of the stripper of the strain of the stripper of the strain of the stripper of th	672 696 696 840 672 672 840 672 672 636 696 840 636 636 636 636 672 840 840 672 840 840 840 840 840 840 840 840 864 864 864 864 864 864 864 864 865 866 866 866 866 866 867 87 87 87 87 87 87 87 87 87 87 87 87 87	99.70% 73.71% 99.43% 100.00% 1100.00% 97.62% 97.62% 97.62% 100.00% 97.06% 1100.00% 98.217% 98.217% 98.56% 96.56%			A CANADA AND A CAN	
Fig. 69 692 693 77% 78% 73%	696 636 640 672 672 840 672 672 636 696 696 696 696 696 696 696	73.71% 99.43% 100.00% 100.00% 97.62% 97.62% 90.33% 92.17% 92.17% 92.17% 92.17% 91.43% 98.55% 91.43% 91.43%				
9.95 6187 9.84 May 30% Violational purps shutdown for inspection and cleaning 6.12 6.10 CMS 47% 100% operational 6.12 6.10 CMS 31% 37% 100% operational 8.40 6.20 100 CMS 47% 100% operational 8.40 6.27 10.03 CMS 31% 6.5 Dut weekend shutdown 10.04 Determined specified 8.40 6.00 30.00 CMS 47% 10.04 Determined specified specified 8.40 6.00 30.00 CMS 47% 10.04 Determined specified specified 8.40 6.00 30.00 CMS 47% 10.04 Determined specified specified specified 8.40 6.00 30.00 CMS 47% 10.04 Determined specified sp	640 840 672 840 672 840 672 840 640 840 640 640 640 640 640 640 640 6	100.00% 100.00% 100.00% 97.62% 90.33% 92.17% 92.17% 92.17% 98.517% 98.57% 98.57% 98.56% 91.43% 91.43%		down- low flow of water to air stripp	er - 5/17-24/04	
640 610 100 00% 47% 10% operational 640 672 100 00% 42% 10% operational 640 672 100 00% 42% 10% operational 640 672 100 00% 42% 10% operational 640 672 90 03% 42% 10% operational 640 672 97 05% 47% 10% operational 640 672 97 05% 47% 10% operation 640 672 97 05% 44% Enterreby of yound to adher the airstipper 640 660 87 50% 44% Enterreby of yound to adher the airstipper 651 662 87 50% 44% Enterreby of yound to alway and the airstipper 663 87 50% 67 50% 67 50% 67 50% 67 50% </td <td>672 840 672 672 696 696 696 696 696 696 684 672 864 864 864 864 864 864 864 864 864 866 696 696 696 696 696 696 872 872 873 874 876 877 877 877 877 878 878 878 878 878</td> <td>100.00% 100.00% 97.62% 90.33% 92.17% 92.06% 100.00% 98.21% 98.57% 98.56% 91.43% 91.43%</td> <td></td> <td>s shutdown for inspection and clea</td> <td>ning</td> <td></td>	672 840 672 672 696 696 696 696 696 696 684 672 864 864 864 864 864 864 864 864 864 866 696 696 696 696 696 696 872 872 873 874 876 877 877 877 877 878 878 878 878 878	100.00% 100.00% 97.62% 90.33% 92.17% 92.06% 100.00% 98.21% 98.57% 98.56% 91.43% 91.43%		s shutdown for inspection and clea	ning	
61/2 61/2 (2007) 41/2 (2007)	840 672 696 840 840 840 840 840 840 844 624 624 624 672 864 864 864 864 864 864 864 866 696 696 696 696	100.10% 97.62% 90.33% 90.33% 91.17% 92.17% 92.17% 98.21% 98.55% 91.43% 96.56%	-	-		
672 673 671 672 671 672 672 672 672 672 672 672 672 672 672 672 672 672 672 672 672 673 673 673 673 674 <td>672 696 696 840 672 840 606 696 624 624 624 624 627 672 672 672 672 672 672 672</td> <td>90.33% 90.33% 92.17% 92.17% 91.00% 98.21% 98.55% 91.43% 96.56%</td> <td></td> <td>al mar Shirtdown</td> <td>\$ 10 mg/m/s</td> <td></td>	672 696 696 840 672 840 606 696 624 624 624 624 627 672 672 672 672 672 672 672	90.33% 90.33% 92.17% 92.17% 91.00% 98.21% 98.55% 91.43% 96.56%		al mar Shirtdown	\$ 10 mg/m/s	
696 641 5 20,17% 37% GAC units removed from treatment system operations 810 620 80,00% 40% GAC units removed from treatment system operations 840 630 82,17% 41% Unit stemoved from project site 11/405 840 630 98,27% 33% Unit stemoved from project site 11/405 840 630 98,27% 33% Unit stemoved from project site 11/405 841 630 98,27% 33% Unit stemoved from project site 11/405 842 788 91,43% Exit stemoved from project site in service of perators or 51800 843 864 86,56% 30% Exit stemoved from treatment stem removed from the stemoved from the s	696 840 672 840 696 696 624 624 624 624 624 672 672 672 672 672 672 672 672 672 672	92.17% 97.06% 100.00% 98.21% 98.57% 91.43% 86.56% 97.04%		d shiftdown die to low pressure or	obleme with the aictriner	
816 792 97 00000 42% GAC units enrocied from project site 1/4/00 817 820 98 0100% 45% 14% OAC units enrocied from project site 1/4/00 817 820 98 27% 33% Unit standed more additionable and more water treatment relating agent review. 810 658 98 27% 33% Unit standed and more water treatment chemical started operations on 5/18/05 840 658 91 43% 36% Unit standed and more water treatment chemical started operations on 5/18/05 840 658 91 43% 58% Unit standed April 8, 2005, Back in sevrice until new sequestering agent review. 852 80 500 30 500 More more more more more more more more m	816 840 672 840 696 624 624 624 624 672 672 672 672 672 672 672 676 696 696 696 696 696 696 696	97.06% 100.00% 98.21% 98.57% 87.50% 91.43% 97.04%	-	d angest to a specific a	Origino with the analysis	
840 840 100 00% 46% Inch Color Units Canned February 4. 2006 672 680 98 21% 46% Unit cleaned February 4. 2006 840 680 98 21% 33% Unit sched Mail 2.005 Back in Revince until new sequestering agent rowlew 840 666 673 87.50% 10 Int sched All 2.005 Back in Revince until new sequestering agent rowlew 841 708 87.50% 10 Int sched All 2.005 Back in Revince until new sequestering agent rowlew 842 708 87.50% 10 Int sched All 2.005 Back in Revince until new valet retainment chemical started operations on \$17000 842 669 10 00.00% 44% Extremely dry month of July 854 864 866 10 00.00% 44% Extremely dry month of August 864 865 867 24% Extremely dry month of August 865 866 867 24% Extremely dry month of August 866 869 10 00.00% 24% Power outlege occurred or 12/27/05 866 869 86 30.4% <th< td=""><td>840 656 656 840 840 744 624 672 672 672 672 672 672 672 672 672 672</td><td>98.21% 98.21% 98.57% 87.50% 91.43% 97.04%</td><td></td><td>wed from treatment system operat</td><td>OODS</td><td></td></th<>	840 656 656 840 840 744 624 672 672 672 672 672 672 672 672 672 672	98.21% 98.21% 98.57% 87.50% 91.43% 97.04%		wed from treatment system operat	OODS	
672 660 98 27% 41% Unit cleaned faculty and sequestering agent review 640 620 98 27% 41% Unit cleaned April 8, 2005. Back in service until new sequestering agent review 640 673 98 27% 38% Unit cleaned April 8, 2005. Back in service until new sequestering agent review 840 768 91 46% 50% Unit cleaned April 8, 2005. Back in service until new sequestering agent review 744 645 86 36% 97 64% 100 00% 44% Externed by month of adjust. 656 665 100 00% 44% Externed by month of adjust. 600 672 659 100 00% 44% Externed by month of october. 6206 672 659 86 84% 22 6% Prover cutage occurred to 122705 Prover cutage occurred or 122706 672 673 86 84% 87 70 Prover cutage occurred November 6, 2005 Prover cutage occurred November 6, 2005 674 810 96 84% 82 84 Prover cutage from the Stephenber. 675 676 100 00% 44 8 Externed b	672 840 840 840 744 624 636 672 672 672 672 672 672 672 672 672 67	98.21% 98.57% 87.50% 91.43% 97.04%		ved from project site 1/14/05	The state of the s	
84.0 82.8 98.67% 33% Unit learned April 8, 2005. Back in service until new sequestering agent services. 84.0 66.6 81.200% 65.7% 53% Unit learned April 8, 2005. Back in service until new sequestering agent services. 84.0 76.8 81.43% 53% Unit learned April 8, 2005. Back in service until new sequestering agent services. 84.0 66.4 66.4 86.5 10.000% 44% Extremely dy month of June. 65.2 67.2 10.000% 44% Extremely dy month of September. 6.0 66.2 66.9 10.000% 44% Extremely dy month of September. 67.2 66.9 10.000% 44% Extremely dy month of September. 67.2 66.9 10.000% 43% Air Sipper cleaning occurred on 1227/05 68.4 68.9 10.000% 38.7% Air Sipper cleaning occurred on 1227/05 68.6 66.9 10.000% 38.7% Air Sipper cleaning the stripper	840 696 840 744 624 624 672 672 672 864 864 672 672 672 672 672 672 676 696 696 696	98.57% 87.50% 91.43% 86.56% 97.04%		bruary 4, 2005	The state of the s	
656 87.50% 58% Unit cleaned Anil R. 2005. Back in service until now sequestering again approved 540 668 87.50% 58% Unit cleaned Anil R. 2005. Back in service until now sequestering again approved 540 66.66% 39% Externelly of month of June. 744 664 86.66% 39% Externelly of month of June. 10.000 654 66.66 100.00% 44% Externelly of month of August. 10.000 656 669 100.00% 44% Externelly of month of September. 10.000 672 669 98.17% 34% Power outage coursed on 127705 10.000 672 669 98.07% 34% Power outage coursed on 127705 10.000 672 673 98.17% 34% Power outage coursed on 127705 10.000 674 675 98.6% 38.7% Power outage from severe winter stripper 10.000 686 686 100.00% 32.7% Power outage from severe winter stripper 10.000 686 686 100.00% 22.7% Dy month 10.000 </td <td>840 840 744 624 624 672 672 672 864 864 866 696 696 696 696</td> <td>87.50% 91.43% 86.56% 97.04%</td> <td></td> <td>or additional cleaning and sequest</td> <td>ering agent review.</td> <td></td>	840 840 744 624 624 672 672 672 864 864 866 696 696 696 696	87.50% 91.43% 86.56% 97.04%		or additional cleaning and sequest	ering agent review.	
744 644 86,58 36% 744 644 86,58% 36% 624 605.5 97,04% 44% 624 605.5 97,04% 44% 636 696 100,00% 44% 636 665 98,07% 44% 672 100,00% 38% 672 100,00% 34% 672 98,07% 34% 816 854 98,84% 29,6% 816 816 100,00% 56,4% 696 696 100,00% 56,4% 696 689 100,00% 28,7% 816 81 88,39% 32,3% 826 696 100,00% 26,4% 696 696 100,00% 28,7% 672 706 98,90% 26,1% 672 100,00% 27,1% 696 696 100,00% 27,1% 696 696 696 <t< td=""><td>240 744 624 696 696 672 672 864 864 866 696 696 696 696</td><td>86.56% 97.04%</td><td></td><td>ril 8, 2005. Back in service until ne</td><td>w sequestering agent approved and installed.</td><td></td></t<>	240 744 624 696 696 672 672 864 864 866 696 696 696 696	86.56% 97.04%		ril 8, 2005. Back in service until ne	w sequestering agent approved and installed.	
624 6044 90.00% 44% 624 605.5 97.04% 44% 636 696 100.00% 44% 636 696 100.00% 44% 672 672 100.00% 40% 672 672 100.00% 39% 672 659 98.07% 34% 864 854 98.07% 34% 816 816 100.00% 56.4% 696 696 100.00% 54.8% 696 689 100.00% 54.8% 696 689 100.00% 54.8% 696 689 100.00% 28.6% 696 689 100.00% 28.7% 624 99.51% 27.0% 636 696 100.00% 28.7% 672 100.00% 28.7% 672 672 100.00% 28.7% 672 672 100.00% 26.7% 676	672 672 672 672 672 864 672 672 696 696 696 696 696	97.04%		and new water treatment chemical	started operations on 5/19/05	
696 696 100.00% 44% 864 100.00% 40% 864 864 100.00% 30% 672 672 100.00% 34% 672 659 98.07% 34% 864 854 98.84% 29.66% 816 816 98.000% 36.7% 816 816 100.00% 54.8% 696 689 100.00% 54.8% 696 689 100.00% 54.8% 696 689 100.00% 54.8% 696 689 100.00% 28.6% 840 834 99.59% 28.6% 628 699 100.00% 26.7% 636 609 96.91% 27.0% 628 609 100.00% 28.1% 840 834 99.52% 28.7% 628 609 100.00% 28.1% 628 609 100.00% 28.1%	696 864 872 672 672 876 886 896 696 696 696 816	400 000		onth of July		~ WALE-0000000
864 864 100.00% 40% 672 672 100.00% 39% 672 659 98.07% 34% 864 854 98.84% 29.6% 816 854 98.84% 29.6% 816 816 100.00% 54.8% 696 696 100.00% 54.8% 696 689 98.99% 34.3% 696 689 98.99% 32.3% 816 812 98.99% 32.3% 816 689 98.99% 32.3% 816 689 100.00% 28.6% 816 696 100.00% 28.6% 824 99.51% 27.8% 828 696 100.00% 28.7% 672 672 100.00% 28.7% 672 672 100.00% 26.7% 888 888 888 888 888 888 100.00% 21.1%	864 672 672 672 864 864 816 696 696 696 696 816	100.00%	1	onth of August.		
672 672 100.00% 39% 672 659 98.07% 34% 864 854 98.84% 29.6% 816 854 98.84% 29.6% 816 816 100.00% 54.8% 696 689 100.00% 54.8% 696 689 98.99% 34.3% 696 689 98.99% 32.3% 816 812 98.99% 32.3% 816 812 98.99% 32.3% 816 689 100.00% 26.4% 696 696 100.00% 26.4% 696 696 100.00% 26.7% 840 88 100.00% 26.7% 888 888 100.00% 26.7% 696 696 100.00% 27.1% 696 696 100.00% 27.1% 896 696 100.00% 27.1% 896 696 100.00% 21.9%<	672 672 864 816 696 696 696 696 816	100.00%		onth of September.		A.A.A.A.
672 659 98 07% 34% 864 854 98 84% 29 6% 816 816 100.00% 59 6% 816 696 100.00% 54.8% 696 689 98.99% 54.8% 696 689 98.99% 34.3% 696 689 98.99% 32.3% 816 812 98.99% 32.3% 816 812 98.99% 32.3% 816 812 99.51% 28.6% 824 834 99.51% 27.8% 826 696 100.00% 26.4% 840 834 99.29% 28.6% 840 834 99.29% 28.7% 672 672 100.00% 28.7% 672 672 100.00% 28.7% 674 888 888 100.00% 27.1% 696 696 100.00% 27.1% 696 696 100.00% <td>864 864 816 816 696 696 696 696 816</td> <td>100.00%</td> <td></td> <td></td> <td>A Second Continued Continu</td> <td></td>	864 864 816 816 696 696 696 696 816	100.00%			A Second Continued Continu	
864 854 98.84% 29.6% 816 816 100.00% 36.7% 636 696 100.00% 56.48% 636 696 100.00% 56.48% 636 689 98.99% 34.3% 636 689 98.99% 32.3% 636 689 98.99% 32.3% 636 689 98.99% 32.3% 816 812 99.51% 28.6% 840 834 99.29% 32.3% 840 834 99.29% 27.6% 672 100.00% 26.4% 672 100.00% 28.7% 672 100.00% 28.7% 672 100.00% 26.7% 884 888 100.00% 27.1% 696 696 100.00% 27.1% 696 696 100.00% 21.0% 696 696 100.00% 21.9% 744 741	864 816 696 696 696 696 816	98.07%		ccurred November 6, 2005	THE PLANTAGE AND ADDRESS OF TH	
816 100.00% 36.7% 696 100.00% 54.8% 696 689 98.99% 34.3% 696 689 98.99% 34.3% 696 689 98.99% 32.3% 696 689 98.99% 32.3% 816 621 99.51% 28.6% 824 621 99.51% 26.4% 840 834 99.29% 26.4% 628 609 96.91% 27.0% 672 672 100.00% 28.7% 672 706 98.96% 26.7% 84 983 99.90% 27.1% 672 700.00% 28.7% 672 700.00% 28.7% 672 700.00% 26.7% 884 888 100.00% 27.1% 696 696 100.00% 27.1% 696 696 100.00% 21.0% 816 696 100.00% 2	816 696 696 696 696 816	98.84%		ning occurred on 12/27/05	and analysis which is a second of the second	
696 696 100.00% 54.8% 696 689 100.00% 56.4% 696 689 98.99% 34.3% 696 689 98.99% 32.3% 696 689 98.99% 32.3% 816 621 99.51% 28.6% 624 621 99.51% 28.6% 636 634 99.51% 26.4% 840 834 99.29% 26.4% 672 672 100.00% 28.7% 720 706 96.91% 27.0% 672 706 96.91% 27.0% 672 706.00% 28.7% 720 706 98.90% 26.7% 884 100.00% 27.1% 696 696 100.00% 24.1% 696 696 100.00% 21.0% 816 696 100.00% 21.0% 696 696 100.00% 21.93% 744	696 696 696 696 816	100.00%	36.7%		1. Commence of the commence of	***************************************
696 689 100,007 30,4% 696 689 98,99% 34,3% 696 689 98,99% 34,3% 696 689 98,99% 32,3% 816 812 98,99% 32,3% 824 624 621 99,51% 28,6% 628 696 100,00% 26,4% 840 834 99,59% 28,2% 672 70 100,00% 28,7% 720 706 98,06% 28,7% 884 983 99,90% 28,1% 886 100,00% 26,2% 672 100,00% 27,1% 672 672 100,00% 26,2% 648 696 100,00% 27,1% 696 696 100,00% 21,1% 792 792 100,00% 21,0% 816 816 100,00% 21,0% 816 696 100,00% 21,0%	696 696 816	100.00%	54.8%	777	and the state of t	ALICAN AL
696 689 98.99% 34.3% 816 812 98.99% 32.3% 816 812 99.51% 28.6% 816 812 99.51% 28.6% 624 621 99.51% 28.6% 636 696 100.00% 26.4% 638 634 99.29% 28.2% 672 706 98.06% 28.7% 720 706 98.06% 28.7% 88 88 100.00% 27.7% 672 100.00% 27.1% 696 696 100.00% 27.1% 696 696 100.00% 27.1% 792 792 100.00% 27.1% 816 816 100.00% 21.1% 744 741 99.60% 19.3% 744 741 99.60% 19.3%	696	100.00%		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
816 812 99.51% 28.6% 624 621 99.52% 28.6% 636 696 100.00% 26.4% 638 634 99.29% 28.2% 628 609 96.91% 27.0% 672 706 98.06% 28.7% 720 706 98.06% 28.7% 480 480 100.00% 27.7% 480 480 100.00% 27.7% 672 100.00% 27.1% 686 696 100.00% 27.1% 696 696 100.00% 27.1% 696 696 100.00% 27.1% 792 792 100.00% 19.3% 816 816 100.00% 19.3% 816 696 100.00% 19.3% 744 741 99.60% 19.3% 744 741 99.60% 19.3%	816	90.39.76	T	urs for cleaning the stripper	multiplicative (1804) A. V. d. m.	and the state of t
624 621 99.52% 27.8% 636 696 100.00% 26.4% 840 834 99.29% 28.2% 672 672 100.00% 28.2% 720 720 83.06% 28.7% 984 983 99.00% 28.7% 480 480 100.00% 40.7% 672 100.00% 27.1% 88 88 100.00% 27.1% 696 696 100.00% 27.1% 648 696 100.00% 27.1% 732 732 100.00% 27.1% 816 816 100.00% 27.1% 826 696 100.00% 21.1% 744 741 99.60% 19.3% 744 741 99.60% 19.3%		99.51%		Den State of the s		
696 696 100.00% 26.4% 840 834 99.29% 28.2% 840 834 99.29% 28.2% 672 672 100.00% 28.7% 720 706 98.06% 28.7% 884 98.3 99.90% 26.7% 480 100.00% 27.1% 672 100.00% 27.1% 88 888 100.00% 27.1% 648 696 100.00% 27.1% 696 696 100.00% 24.1% 732 792 100.00% 19.3% 816 816 100.00% 19.3% 816 696 100.00% 19.3% 744 741 99.60% 19.3% 744 741 99.60% 19.3%	624	99.52%	27.8%		The state of the s	
840 834 99.29% 28.2% 628 609 96.91% 27.0% 672 672 96.91% 27.0% 720 706 98.06% 28.7% 84 98.3 99.90% 28.7% 480 480 100.00% 40.7% 672 100.00% 27.1% 88 88 100.00% 27.1% 696 696 100.00% 27.1% 648 696 100.00% 24.1% 732 792 100.00% 19.3% 816 816 100.00% 19.3% 816 696 100.00% 19.3% 744 741 99.60% 19.3% 744 741 99.60% 19.3%	969	100.00%	26.4%		A TOTAL CONTINUES OF THE PARTY	
628 609 96.91% 27.0% 672 100.00% 28.7% 720 873 99.06% 28.7% 984 983 99.90% 26.7% 480 480 100.00% 26.7% 672 672 100.00% 27.1% 696 696 100.00% 27.1% 648 696 100.00% 24.1% 792 100.00% 24.1% 816 816 100.00% 19.3% 816 696 100.00% 19.3% 744 741 99.60% 19.3% 744 741 99.60% 19.3%	840	99.29%		g performed		
672 672 100.00% 28.7% 720 706 98.06% 28.6% 984 98.3 99.90% 26.7% 480 480 100.00% 40.7% 672 672 100.00% 28.1% 888 888 100.00% 27.1% 696 696 100.00% 25.2% 648 696 100.00% 24.1% 792 792 100.00% 19.3% 816 816 100.00% 19.3% 816 696 100.00% 19.3% 744 741 99.60% 19.3% 744 741 99.60% 19.3%	628	96.91%		om severe winter storm 10/12-10/1	4	
36.4 70.0 30.00% 26.0% 98.4 98.3 99.90% 26.7% 480 100.00% 40.7% 480 100.00% 26.7% 672 100.00% 27.1% 686 696 100.00% 27.1% 696 696 100.00% 24.1% 792 792 100.00% 19.3% 816 816 816 100.00% 19.9% 744 741 99.60% 19.3% 744 741 99.60% 19.3% 36244 3548 97.34% 19.3%	2/9	100.00%	28.7%			
480 480 100.00% 40.7% 672 672 100.00% 28.1% 888 888 100.00% 27.1% 696 696 100.00% 25.2% 648 644 99.38% 25.1% 792 792 100.00% 19.3% 816 816 100.00% 19.3% 744 741 99.60% 19.3% 744 741 99.60% 19.3% 36244 3548 97.34% 19.3%	786	98.00% ag an%			- And the state of	
672 672 100.00% 28.1% 888 888 100.00% 28.1% 896 696 100.00% 27.1% 648 644 99.38% 25.1% 696 696 100.00% 24.1% 792 792 100.00% 19.3% 816 816 100.00% 21.0% 696 696 100.00% 19.9% 744 741 99.60% 19.3% 36244 3548 97.34% 19.3%	480	100 00%		4	The state of the s	
888 888 100.00% 27.1% 696 696 100.00% 26.2% 648 644 99.38% 25.1% 696 100.00% 24.1% 792 792 100.00% 19.3% 816 816 100.00% 21.0% 696 696 100.00% 19.9% 744 741 99.60% 19.3% 36244 3548 97.34% 19.3%	672	100.00%			**************************************	
696 696 100.00% 26.2% 648 644 99.38% 25.1% 696 696 100.00% 24.1% 792 100.00% 24.1% 816 816 100.00% 21.0% 696 696 100.00% 19.9% 744 741 99.60% 19.3% 36244 3548 97.94% 19.3%	888	100.00%	27.1%			
648 644 99.38% 25.1% 696 696 100.00% 24.1% 792 792 100.00% 21.3% 816 816 100.00% 21.0% 696 696 100.00% 19.9% 744 741 99.60% 19.3% 35244 35488 97.94% 19.3%	969	100.00%	1		- The state of the	
696 696 100.00% 24.1% 792 792 100.00% 19.3% 816 816 100.00% 21.0% 696 696 100.00% 19.9% 744 741 99.60% 19.3% 35244 35498 97.94% 19.3%	648	99.38%		7.7.	### ### ### ### ### ### ### ### ### ##	
816 816 100.00% 21.0% 696 696 100.00% 19.9% 744 741 99.60% 19.3% 36244 35498 97.94% 19.3%	969	100.00%	24,1%		TO A SALA CALLACTURE CONTROL OF THE	
696 696 696 100.00% 19.9% 744 741 99.60% 19.3% 36244 35498 97.94% 19.3%	816	100.00%				
744 741 99.60% 19.3% 36244 35498 97.94%	969	100.00%		TO THE PARTY OF TH	10 A A A A A A A A A A A A A A A A A A A	
36244 35498 97.94%	744	%09.66			- / Ferri Andrews	
	36244	97.94%	Based on OM se	ervices provided by EEEPC/OMEI	since 9/03.	The state of the s

							7,410,711		= = = V, = V, = V, = V (V) (V) (V) (V) (V) (V) (V) (V) (V) (
Mr. C's Dry Cleaners Site - Remedial Treatment Utility Costs	ers Site - R	emedial Tr	eatment Utility Co	its		The state of the s		ATTAC	ATTACHMENT C
NYSDEC Work Assignment #DC13	signment #	#DC13	*						
12 Months of System Operation and Maintenance	tem Operat	ion and Ma	intenance			 On all the state of the state o			
November 2007 Report	eport		00000000000000000000000000000000000000						
			TO THE TRANSPORT OF THE TRANSPORT OF THE TRANSPORT OF THE TRASPORT OF THE TRANSPORT OF THE	Viv. Said. Name					
Ommunitations of the second of			- Annual		The state of the s	PARTICLE 1		MANA FRANCISCO	
Mr. C's Electric \$	1,210.31				Water Committee	A LONG-STATE OF THE STATE OF TH		and the second s	
Agway Electric \$	355.17	A COLUMN TO A COLU			William A Version A Version A	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			
Mr. C's Gas \$	59.72			ANNOUNT PROPERTY IN THE PARTY I					
Mr. C's Telephone \$	50.82					- M A AAAA			
Ave. Utility Cost Total \$	1,676.01	times	12 month Estimate	\$21,788.17					
								***************************************	**************************************