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February 8, 2011

Mr. William Welling, 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
January 2011 Operations, Maintenance, and Monitoring Report

Dear Mr. Welling:

Ecology and Environment Engineering, P.C. (EEEPC) is pleased to provide the January 2011 Operations, Maintenance, and Monitoring (OM&M) Report for the Mr. C's Dry Cleaners Site, NYSDEC Site # 9-15-157, located in East Aurora, New York. Copies of weekly inspection reports prepared by EEEPC's subcontractor, Iyer Environmental Group, PLLC (IEG) are provided in Attachment A. Selected pages from the individual analytical data package prepared by Mitkem Laboratories, Inc. (MLI) are provided as Attachments B. The full analytical report along with QA/QC information will be retained by EEEPC. Remedial treatment system utility costs for the Mr. C's and Agway sites are provided as Attachment C.

In review of the on-site treatment system operations, monitoring and maintenance for January 2011, EEEPC offers the following comments and highlights:

Operational Summary

Mr. C's Site – Remedial Operations Information

- Checklists for weekly system inspections from IEG are provided as Attachment A for 1/5/11, 1/10/11, 1/19/11, 1/25/11, and 2/1/11.
- Based on the weekly inspection results performed by IEG, the remedial treatment system had a 100.00% operational up-time (Table 1) for January 2011 and the treatment of contaminated groundwater totaling of **369,337** gallons (Table 2).
- The analytical samples for the monthly compliance were taken on January 5, 2011. The sampling results were received by EEEPC on January 31, 2011.
- Excerpts from the Analytical Data packages for the sampling events are presented in Attachments B.

- A review of the analytical data from January 5, 2011 indicated no compliance issues were encountered.
- The analytical results revealed the influent concentration to be 1035.3 µg/L or 1035.3 ppb, and 3.81 µg/L or 3.81 ppb of treated effluent. The summary of influent and effluent contaminant concentrations for the January 5, 2011 sampling event is presented in Table 4.
- Overall cleanup efficiency for the contaminants of concern at the site during the reporting period 1/5/11 to 2/1/11 was 99.63%. The air stripper unit on the Mr. C's property is in compliance and MLI continues to provide analytical data to sub-ppb accuracy, supporting the accurate determination of effluent contaminant levels. The summary of Effluent Discharge Criteria & Analytical Compliance Results for January 2011 is presented in Table 3.
- The Mr. C's treatment system based on the total monthly flows has effectively removed 4.15 lbs. of targeted contaminants from the groundwater below the site in the month of January 2011. The calculations and data for the month are presented in Table 5.

Agway Site Remedial Information

- Emissions air sampling on the emission stack was performed January 31, 2011.
- Report of emissions to be submitted late February or early March 2011.

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

- No current operational issues.
- Reports of analytical results and system operations to be issued in February 2011.

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 January 2011 are provided as Attachment C.

If you have questions regarding the January 2011 OM&M report summary, please do not hesitate to contact me at 716-684-8060.

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

Michael G. Steffan
Project Manager

cc: D. Szymanski, Region 9, NYSDEC - Buffalo w/ attachments
D. Iyer, IEG – w/attachments
CTF- 002700.DC13.02.01.01

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

Month	Reporting Hours	Operational Up-time
(Up-time from inception to 1/5/11)	**70,656.50**	**96.11%**
January 5, 2011 - February 1, 2011	648	100.00%
Total Hours from System Startup '2/02'	**71,304.50**	
Average Operational Up-time from startup =		**96.15%**
Average Operational Up-time for 2011 =		**100.00%**

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 (Treated Effluent)
Total - Inception to December 2010	**9/5/02 - 1/5/11**	**114,331,011**
January 2011[3]	1/5/11 - 2/1/11	369,337
February 2011[3]		
March 2011[3]		
April 2011[3]		
May 2011[3]		
June 2011[3]		
July 2011[3]		
August 2011[3]		
September 2011[3]		
October 2011[3]		
November 2011[3]		
December 2011[3]		
Total Gallons Treated in 2011		**369,337**
Total Gallons Treated To Date:		**114,700,348**

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
Site #9-15-157
Effluent Discharge Criteria & Analytical Compliance Results

Parameter/Analyte	Daily Maximum[1]	Units	January 5, 2011 - Effluent Analytical Values - Compliance
Flow	N/A	gpd	13,679.20
pH	6.0 - 9.0	standard units	7.60
1,1 Dichloroethene	10	µg/L	ND(<1.0)
1,1 Dichloroethane	10	µg/L	ND(<1.0)
cis-1,2-dichloroethene	10	µg/L	ND(<1.0)
Trichloroethene	10	µg/L	ND(<1.0)
Tetrachloroethene	10	µg/L	3.2
Vinyl Chloride	10	µg/L	ND(<1.0)
Benzene	5	µg/L	ND(<1.0)
Ethylbenzene	5	µg/L	ND(<1.0)
Methylene Chloride	10	µg/L	ND(<1.0)
1,1,1 Trichloroethane	10	µg/L	ND(<1.0)
Toluene	5	µg/L	ND(<1.0)
Methyl-t-Butyl Ether (MTBE)	NA	ug/L	0.61 J
o-Xylene[3]	5	µg/L	NA
m, p-Xylene[3]	10	µg/L	NA
Total Xylenes	NA	ug/L	ND(<1.0)
Iron, total	600	µg/L	NA[9]
Aluminum	4,000	µg/L	NA[9]
Copper	48	µg/L	NA[9]
Lead	11	µg/L	NA[9]
Manganese	2,000	µg/L	NA[9]
Silver	100	µg/L	NA[9]
Vanadium	28	µg/L	NA[9]
Zinc	230	µg/L	NA[9]
Total Dissolved Solids	850	mg/L	NA[9]
Total Suspended Solids	20	mg/L	NA[9]
Hardness	N/A	mg/l	500
Cyanide, Free	10	µg/L	NA[9]

NOTES:
1. "Daily Maximum" excerpted from Attachment E of Addendum 1 to the Construction Contract Documents dated October 2000.
2. Analytical report did not differentiate between o-Xylene and m, p-Xylene. Total Xylene value reported is given in each line.
3. Shaded cells indicate that analytical value exceeds the "Daily Maximum"
4. "ND" indicates that the compound was not detected and lists the practical quantitation limit in parentheses.
5. "NA" indicates that analyses were not performed and data is unavailable.
6. Average flows based on effluent readings taken Janaury 5, 2011 through February 1, 2011. Total gallons: 369,337 divided by 27 operating days (648 actual operating hours).
7. "J" indicates an estimated value below the detection limit.
8. "B" indicates analyte found in the associated blank.
9. Removed from the required analysis list by NYSDEC Region 9 in February 2005.

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

Table 4
Mr. C's Dry Cleaners Site Remediation
NYSDEC Site #9-15-157
January 2011 VOC Analytical Summary

Compound	Based on the 1/5/11 Effluent Sampling Results				
	Influent Concentration* (ug/L)		Effluent Concentration* (ug/L)		Cleanup Efficiency** (%)
Acetone	ND (<50.0)	U	ND (<5.0)	U	NA
Benzene	ND (<10.0)	U	ND (<1.0)	U	NA
2-Butanone	ND (<50.0)	U	ND (<5.0)	U	NA
cis-1, 2-Dichloroethene	30.0		ND (<1.0)	U	100.00%
Methylene chloride	ND (<10.0)	U	ND (<1.0)	U	NA
Methyl tert-butyl ether (MTBE)	5.3	J	0.61	J	88.49%
Tetrachloroethene	950.0		3.2		99.66%
Toluene	ND (<10.0)	U	ND (<1.0)	U	NA
Trichloroethene	50.0		ND (<1.0)	U	100.00%
Carbon Disulfide	ND (<10.0)	U	ND (<1.0)	U	NA
1,1,2 Trichloro-1,2,2-trifluororethane	ND (<10.0)	U	ND (<1.0)	U	NA
Cyclohexane	ND (<10.0)	U	ND (<1.0)	U	NA
trans-1,2-dichloroethene	ND (<10.0)	U	ND (<1.0)	U	NA
Methylcyclohexane	ND (<10.0)	U	ND (<1.0)	U	NA
Methyl acetate	ND (<10.0)	U	ND (<1.0)	U	NA
Total Xylenes	ND (<10.0)	U	ND (<1.0)	U	NA
January 2011 TOTALs (in ug/L) =	**1035.3**		**3.81**		**99.63%**

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

* (<50) - Detection Limit

** Contaminants of Concern only

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

Month	Actual Period	Influent VOCs (µg/L)	Effluent VOCs (µg/L)	VOCs Removed (lbs.)
Total pounds of VOCs removed from inception to December 2010 =				1479.64
January 2011	1/5/2011 - 2/1/2011	1035.3	3.81	4.15
February 2011		992.2	3.90	
March 2011		1097.5	26.80	
April 2011		1546.5	7.20	
May 2011		434.2	0.00	
June 2011		1530.0	0.73	
July 2011		865.2	3.10	
August 2011		858.1	129.90	
September 2011		913.9	1.30	
October 2011		736.4	0.78	
November 2011		949.9	9.56	
December 2011		996.8	8.53	
Total pounds of VOCs removed from inception =				1,483.79
Total pounds of VOCs removed in 2011 =				4.15

HISTORICAL NOTES:

1. Calculations are based on monthly water samples and assumes samples are representative of the entire reporting period.
2. Calculations assume that non-detect values = 0 ug/L.
3. Total VOCs summations include estimated "J" values.
4. Calculations are based on effluent totalizer readings.
5. "Influent VOCs" and "Effluent VOCs" values given above is the summation of values for individual compounds given in monthly analytical reports.
6. No samples were collected in September 2003. August 2003 values are used.
7. Treatment system operated by Tyree Organization, Ltd. from 9/02 to 9/03.
8. Treatment system operated by O&M Enterprises from 10/03 to 7/07.
9. Treatment system operated by IEG from 7/07 to present.

CONVERSIONS:
1 pound = 453.5924 grams
1 gallon = 3.785 liters

Based on the Analytical Results from Each Month:

Pounds of VOCs removed calculated by the following formula:

$$(VOCs_{Influent} - VOCs_{Effluent})(ug/L) \cdot (1g/10^{6}\,ug) \cdot (1\,lb/453.5924\,g) \cdot (Monthly\ process\ water)(gal) \cdot (3.785\,L/gallon)$$

Attachment A
IEG Weekly Inspection Reports
January 2011

Including:

1/5/11

1/10/11

1/19/11

1/25/11

2/1/11

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

DATE: 5-Jan-10 ACTIVITIES: Site Inspection

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

WEATHER CONDITIONS: Cloudy, cold OUTSIDE TEMPERATURE (° F): 25

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

PW-8 is OFF due to maintenance problem.

PW-4 is ON steady at level 22. Turned OFF PW-4.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: √	OFF:	5	ft	PW-5	ON: √	OFF:	5	ft
PW-2	ON:	OFF: √	6	ft	PW-6	ON:	OFF: √	7	ft
PW-3	ON:	OFF: √	7	ft	PW-7	ON: √	OFF:	5	ft
PW-4	ON: √	OFF:	22	ft	PW-8	ON: √	OFF:	18	ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 12/8/10 Air Stripper Low Level

NOTES:

INFLUENT FLOW RATE: 9 gpm INFLUENT TOTALIZER READING: 3,108,427.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 20 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 34 gallons

SEQUESTERING AGENT FEED RATE: 5.0 ml/min METERING PUMP PRESSURE: 3.5 psi

BAG FILTER PRESSURES:	Top	Bottom		Top	Bottom	
LEFT:	0	0	psi	RIGHT: 28 - 6	0	psi

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

AIR STRIPPER BLOWER IN USE: #1 _____ #2 √ AIR STRIPPER PRESSURE: 11.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.023 in. H_2O DISCHARGE PRESSURE: 3.8 in. H_2O

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

EFFLUENT FLOW RATE: 108 gpm EFFLUENT TOTALIZER READING: 62,099,375 | 408080 gallons

ARE BUILDING HEATERS IN USE? YES: √ NO: _____ INSIDE TEMPERATURE (° F): 55

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

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

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

5-Jan-10

SAMPLES COLLECTED? YES: √ NO: _____

	Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Cond.
AIR STRIPPER INFLUENT:	INF	12:00 PM	7.54	6.39	12.9	2693
AIR STRIPPER EFFLUENT:	EFF	12:00 PM	8.57	8.07	12.0	2712

IS THERE EVIDENCE OF TAMPERING/VANDALISM OF WELLS: ? YES: _____ NO: √

WERE MANHOLES INSPECTED? YES: √ NO: _____

WERE ELECTRICAL BOXES INSPECTED? YES: √ NO: _____

IS WATER PRESENT IN ANY MANHOLES OR ELECTRICAL BOXES? YES: √ NO: _____

If yes, provide manhole/electric box ID and description of any corrective measures below:

All MWs and UEs are covered with snow or ice.

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

Remarks:

Other Actions:

AGWAY

SYSTEM VACUUM: -23 in. H_2O *AIR PRESSURE:* 110 psi

SP-1:	> 10	scfm	4.0	psi	SP-5	0.0	scfm	29.0 psi
SP-2:	0.0	scfm	18.5	psi	SP-6	0.0	scfm	> 30 psi
SP-3:	0.0	scfm	18.0	psi	SP-7	0.0	scfm	> 30 psi
SP-4:	0.0	scfm	18.5	psi	SP-8	0.0	scfm	> 30 psi

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

Remarks: Drained (20) gals from SVE drum.

Other Actions:

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

DATE: 10-Jan-10 ACTIVITIES: Site Inspection

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

WEATHER CONDITIONS: Sunny, cold OUTSIDE TEMPERATURE (°F): 20

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

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

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: √	OFF:	10	ft	PW-5	ON: √	OFF:	4	ft
PW-2	ON:	OFF: √	7	ft	PW-6	ON:	OFF: √	6	ft
PW-3	ON:	OFF: √	4	ft	PW-7	ON: √	OFF:	7	ft
PW-4	ON: √	OFF:	21	ft	PW-8	ON: √	OFF:	18	ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 12/8/10 Air Stripper Low Level

NOTES:

INFLUENT FLOW RATE: 12 gpm INFLUENT TOTALIZER READING: 3,213,683.0 gallons

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

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

		Top	Bottom			Top	Bottom	
BAG FILTER PRESSURES:	LEFT:	38	0	psi	RIGHT:	42	0	psi

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

AIR STRIPPER BLOWER IN USE: #1 ____ #2 √ AIR STRIPPER PRESSURE: 12.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.023 in. H_2O DISCHARGE PRESSURE: 3.8 in. H_2O

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

EFFLUENT FLOW RATE: 114 gpm EFFLUENT TOTALIZER READING: 62,161,918 | 472200 gallons

ARE BUILDING HEATERS IN USE? YES: √ NO: ____ INSIDE TEMPERATURE (°F): 51

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

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

MR. C's DRY CLEANERS SITE

NYSDEC Site #90150157

SITE INSPECTION FORM

10-Jan-10

SAMPLES COLLECTED? YES: _____ NO: √

	Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Cond.
AIR STRIPPER INFLUENT:						
AIR STRIPPER EFFLUENT:						

IS THERE EVIDENCE OF TAMPERING/VANDALISM OF WELLS: ? YES: _____ NO: √

WERE MANHOLES INSPECTED? YES: √ NO: _____

WERE ELECTRICAL BOXES INSPECTED? YES: √ NO: _____

IS WATER PRESENT IN ANY MANHOLES OR ELECTRICAL BOXES? YES: √ NO: _____

If yes, provide manhole/electric box ID and description of any corrective measures below:

Most MWs and UEs are covered with snow or ice.

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

Remarks: Turned Redux pump up slightly to: Left 2.4; Right 1.25.

Other Actions: Changed bag filters. Have (2) filters left in stock.

AGWAY

SYSTEM VACUUM: -23 in. H_2O *AIR PRESSURE:* 105 psi

SP-1:	> 10	scfm	2.5	psi	SP-5	0.0	scfm	29.0 psi
SP-2:	0.0	scfm	14.5	psi	SP-6	0.0	scfm	> 30 psi
SP-3:	0.0	scfm	13.5	psi	SP-7	0.0	scfm	> 30 psi
SP-4:	0.0	scfm	13.5	psi	SP-8	0.0	scfm	> 30 psi

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

Remarks: Drained (5) gals from SVE drum.

Other Actions:

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

DATE: 19-Jan-11 ACTIVITIES: Site Inspection

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

WEATHER CONDITIONS: Cloudy, drizzle, cold OUTSIDE TEMPERATURE (°F): 28

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

PW-4 is OFF due to maintenance problem.

PW-8 is OFF due to maintenance problem.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: _____	OFF: √	5 ft	PW-5	ON: √	OFF: _____	5 ft
PW-2	ON: _____	OFF: √	7 ft	PW-6	ON: _____	OFF: √	7 ft
PW-3	ON: _____	OFF: √	6 ft	PW-7	ON: √	OFF: _____	6 ft
PW-4	ON: √	OFF: _____	20 ft	PW-8	ON: √	OFF: _____	18 ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 12/8/10 Air Stripper Low Level

NOTES: _____

INFLUENT FLOW RATE: 4 gpm INFLUENT TOTALIZER READING: 3,433,161.0 gallons

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

SEQUESTERING AGENT FEED RATE: 8.0 ml/min METERING PUMP PRESSURE: 3.5 psi

	Top	Bottom		Top	Bottom
BAG FILTER PRESSURES:	LEFT: 0	0 psi	RIGHT:	32-6	0 psi

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

AIR STRIPPER BLOWER IN USE: #1 _____ #2 √ AIR STRIPPER PRESSURE: 11.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.023 in. H_2O DISCHARGE PRESSURE: 3.9 in. H_2O

EFFLUENT PUMP IN USE: #1 _____ #2 √ EFFLUENT FEED PUMP PRESSURE: 8.5 psi

EFFLUENT FLOW RATE: 106 gpm EFFLUENT TOTALIZER READING: 62,292,719 | 606230 gallons

ARE BUILDING HEATERS IN USE? YES: √ NO: _____ INSIDE TEMPERATURE (°F): 60

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

WATER LEVEL IN SUMP: 6.0 in. TREATMENT BUILDING CLEAN & ORGANIZED? YES: √ NO: _____

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

19-Jan-11

SAMPLES COLLECTED? YES: _____ NO: √

	Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Cond.
AIR STRIPPER INFLUENT:						
AIR STRIPPER EFFLUENT:						

IS THERE EVIDENCE OF TAMPERING/VANDALISM OF WELLS: ? YES: _____ NO: √

WERE MANHOLES INSPECTED? YES: √ NO: _____

WERE ELECTRICAL BOXES INSPECTED? YES: √ NO: _____

IS WATER PRESENT IN ANY MANHOLES OR ELECTRICAL BOXES? YES: √ NO: _____

If yes, provide manhole/electric box ID and description of any corrective measures below:

Most MWs and UEs are covered with ice or snow.

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

Remarks: Turned down Redux pump slightly to: Left 2.25 ; Right 1.2.

Filter Baskets: (2) Heavy Duty, (2) repaired Light Duty.

Other Actions: Emptied remains of old Redux drum into present drum and rinsed out old drum. Have (1) full drum.

AGWAY

SYSTEM VACUUM: -23 in. H_2O *AIR PRESSURE:* 115 psi

SP-1:	6.2	scfm	2.5	psi	SP-5	0.0	scfm	28.0 psi
SP-2:	0.0	scfm	29.0	psi	SP-6	0.0	scfm	30.0 psi
SP-3:	0.0	scfm	28.0	psi	SP-7	0.0	scfm	> 30 psi
SP-4:	0.0	scfm	29.5	psi	SP-8	0.0	scfm	> 30 psi

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

Remarks: Drained (5) gals from SVE drum.

Other Actions:

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

DATE: 25-Jan-11 ACTIVITIES: Site Inspection

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

WEATHER CONDITIONS: Cloudy, snow flurries, cold OUTSIDE TEMPERATURE (°F): 30

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

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

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: √	OFF:	9	ft	PW-5	ON:	OFF: √	4	ft
PW-2	ON:	OFF: √	6	ft	PW-6	ON:	OFF: √	4	ft
PW-3	ON:	OFF: √	6	ft	PW-7	ON: √	OFF:	6	ft
PW-4	ON: √	OFF:	20	ft	PW-8	ON: √	OFF:	18	ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 12/8/10 Air Stripper Low Level

NOTES:

INFLUENT FLOW RATE: 14 gpm INFLUENT TOTALIZER READING: 3,578,951.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 28 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 47.5 gallons

SEQUESTERING AGENT FEED RATE: 5.0 ml/min METERING PUMP PRESSURE: 4.0 psi

		Top	Bottom			Top	Bottom	
BAG FILTER PRESSURES:	LEFT:	38	0	psi	RIGHT:	42	0	psi

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

AIR STRIPPER BLOWER IN USE: #1 ____ #2 √ AIR STRIPPER PRESSURE: 11.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.023 in. H_2O DISCHARGE PRESSURE: 3.8 in. H_2O

EFFLUENT PUMP IN USE: #1 ____ #2 √ EFFLUENT FEED PUMP PRESSURE: 11.0 psi

EFFLUENT FLOW RATE: 113 gpm EFFLUENT TOTALIZER READING: 62,379,897 | 695480 gallons

ARE BUILDING HEATERS IN USE? YES: √ NO: ____ INSIDE TEMPERATURE (°F): 61

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

WATER LEVEL IN SUMP: 6.5 in. TREATMENT BUILDING CLEAN & ORGANIZED? YES: √ NO: ____

MR. C's DRY CLEANERS SITE

NYSDEC Site #90150157

SITE INSPECTION FORM

25-Jan-11

SAMPLES COLLECTED? YES: _____ NO: √

	Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Cond.
AIR STRIPPER INFLUENT:						
AIR STRIPPER EFFLUENT:						

IS THERE EVIDENCE OF TAMPERING/VANDALISM OF WELLS: ? YES: _____ NO: √

WERE MANHOLES INSPECTED? YES: √ NO: _____

WERE ELECTRICAL BOXES INSPECTED? YES: √ NO: _____

IS WATER PRESENT IN ANY MANHOLES OR ELECTRICAL BOXES? YES: √ NO: _____

If yes, provide manhole/electric box ID and description of any corrective measures below:

Most MWs and UEs are covered with snow or ice.

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

Remarks: Alarm signaled when effluent pump was turned ON to facilitate weekly inspection readings. Reset alarm light and Autodialer alarm panel.

Other Actions: Drained (3) Well Purge water drums. Changed bag filters.

AGWAY

SYSTEM VACUUM: -23 in. H_2O *AIR PRESSURE:* 110 psi

SP-1:	> 10	scfm 2.5	psi	SP-5	0.0	scfm	28.5 psi
SP-2:	0.0	scfm 18.0	psi	SP-6	0.0	scfm	30.0 psi
SP-3:	0.0	scfm 17.5	psi	SP-7	0.0	scfm	> 30 psi
SP-4:	0.0	scfm 18.5	psi	SP-8	0.0	scfm	> 30 psi

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

Remarks: Drained (5) gals from SVE drum.

Other Actions:

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

DATE: 1-Feb-11 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen OTHER PERSONNEL:

WEATHER CONDITIONS: Cloudy, cold OUTSIDE TEMPERATURE (°F): 19

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

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

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON:	OFF: √	7 ft	PW-5	ON:	OFF: √	7 ft		
PW-2	ON:	OFF: √	7 ft	PW-6	ON:	OFF: √	7 ft		
PW-3	ON:	OFF: √	3 ft	PW-7	ON: √	OFF:	6 ft		
PW-4	ON: √	OFF:	20 ft	PW-8	ON: √	OFF:	18 ft		

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 1/27/11 Air Stripper Low Level

NOTES:

INFLUENT FLOW RATE: 7 gpm INFLUENT TOTALIZER READING: 3,728,573.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 19 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 32 gallons

SEQUESTERING AGENT FEED RATE: 7.0 ml/min METERING PUMP PRESSURE: 4.0 psi

		Top	Bottom		Top	Bottom
BAG FILTER PRESSURES:	LEFT:	0	0 psi	RIGHT:	18 - 6	0 psi

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

AIR STRIPPER BLOWER IN USE: #1 #2 √ AIR STRIPPER PRESSURE: 15.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.022 in. H_2O DISCHARGE PRESSURE: 3.7 in. H_2O

EFFLUENT PUMP IN USE: #1 #2 √ EFFLUENT FEED PUMP PRESSURE: 11.0 psi

EFFLUENT FLOW RATE: 107 gpm EFFLUENT TOTALIZER READING: 62,468,712 | 786410 gallons

ARE BUILDING HEATERS IN USE? YES: √ NO: INSIDE TEMPERATURE (°F): 55

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

WATER LEVEL IN SUMP: 7.0 in. TREATMENT BUILDING CLEAN & ORGANIZED? YES: √ NO:

MR. C's DRY CLEANERS SITE

NYSDEC Site #90150157

SITE INSPECTION FORM

1-Feb-11

SAMPLES COLLECTED? YES: √ NO: _____

	Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Cond.
AIR STRIPPER INFLUENT:	INF	2:00 PM	7.51	8.31	9.8	2903
AIR STRIPPER EFFLUENT:	EFF	2:00 PM	8.65	8.60	10.3	2922

IS THERE EVIDENCE OF TAMPERING/VANDALISM OF WELLS: ? YES: _____ NO: √

WERE MANHOLES INSPECTED? YES: √ NO: _____

WERE ELECTRICAL BOXES INSPECTED? YES: √ NO: _____

IS WATER PRESENT IN ANY MANHOLES OR ELECTRICAL BOXES? YES: √ NO: _____

If yes, provide manhole/electric box ID and description of any corrective measures below:

All MWs and UEs are covered with ice or snow.

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

Remarks: Have (2/3) full drum of Redux.

Other Actions:

AGWAY

SYSTEM VACUUM: -23 in. H_2O *AIR PRESSURE:* 110 psi

SP-1:	8.0	scfm	2.5	psi	SP-5	0.0	scfm	28.0 psi
SP-2:	0.0	scfm	26.0	psi	SP-6	0.0	scfm	30.0 psi
SP-3:	0.0	scfm	25.0	psi	SP-7	0.0	scfm	> 30 psi
SP-4:	0.0	scfm	26.5	psi	SP-8	0.0	scfm	> 30 psi

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

Remarks: Drained (5) gals from SVE drum.

Other Actions:

Mr. C's CLEANERS OM&M

SUMMARY OF FIELD ACTIVITIES BY IEG - 01/2011

DATE	ACTIVITY
4-Jan	OM&M and UM office work. End of month summaries.
5-Jan	OM&M Weekly Inspection and sampling.
7-Jan	Office work
10-Jan	OM&M Weekly Inspection. Changed bag filters.
17-Jan	Office work
19-Jan	OM&M Weekly Inspection and office work.
21-Jan	Switched Redux pickup to new drum.
25-Jan	OM&M Weekly Inspection and office work. Drain well purge water from (3) drums.
26-Jan	Test key to Agway Shed. Stock bucket and scoop in shed. Shovel snow.
27-Jan	Change bag filters. Replace PanelView bulb.

Mr. C's CLEANERS OM&M
SUMMARY OF FIELD ACTIVITIES BY IEG - 01/2011

ACTIVITY	DESCRIPTION	COMPLETION DATE/STATUS
Replace SVE Vacuum Drum	Present Vacuum Drum inside Agway Shed is corroded. Replace drum.	To be ordered
AS / SVE System Evaluation	Agway Shed - test & evaluate air sparge system and Soil Vapor Extraction system. Installed fittings to measure pressure and flow. Tested air sparging and SVE lines.	in progress
Compressor Repair	Champion Machinery reveals compressor is a 1992 model. Compressor pump needs service, including a valve kit. New Electric motor had pulley problems. Replace motor and pulley.	Dec-10
PW-4 Well Repair and Level	Asphalt around PW-4 well has sunk, due to collapse of corroded inner ring. Replace inner ring and bring parking lot up to level with asphalt patch.	in progress
PW-4 UE Level	Asphalt around Underground Enclosure has sunk, leaving it vulnerable to damage. Bring parking lot up to level with asphalt patch.	in progress
Install MW Ring	Piezimeter in Agway Site parking lot was damaged by the road repair crew. To instal new Monitoring Well Ring around damaged Piezometer for protection.	in progress
Rebuild JAC Pump as needed	Jesco America Corp recommends rebuilding the Redux pump when needed. Purchased rebuild kit.	in progress
Brace Effluent Pipe	David Szymanski (NYSDEC) inspected Treatment Room and said that the effluent pipe should be braced in (3) places to the north wall.	in progress
Inspect and clean Manholes	Inspect manholes near operating pumps. Pump out water in manholes and clean out remaining sediment and other material.	in progress
Purge PW-5	Inspect, purge well, clean pump, plastic pipe and transducer. Trouble shoot problems.	in progress
Agway Shed Concrete Dump	Approximately 1/4 yard of concrete was washed out on the north side of the Agway Shed. Concrete should be removed.	in progress
Trim Broken Piezometers	Many of the piezometers are broken. Measuring water levels is not precise when a pipe is broken. Identify and trim all broken piezometers.	in progress
Repair Filter Basket	The handle loop on a filter basket broke. Weld handle back in place.	Jan-11
Cool Treatment Room	Temperature in Treatment Room is well above 90 degrees during the summer months. Need to increase outside air inflow to the room.	in progress
Replace Slit Filter Basket	An old bag filter basket that was repaired once has split open down its side. Order (2) more of the heavy duty filter baskets from Rosedale Products.	Nov-10
PW-8 Well Pump not cycling down	The well pump stays on and the water level does not drop. Horizontal line could be plugged. Inspect and clean well pump and transducer. Purge horizontal line.	in progress
Replace Air Stripper Exhaust	Present Air Stripper exhaust is very heavy and leaks moisture. Replace with lighter system.	in progress
Repair Redux Line	Redux line has (2) leaks. Repair the line.	Dec-10
Repair Corrosion Hole in Air Stripper	Corrosion hole started to leak after Air Stripper pressure was increased. Repair hole with JB Weld.	Dec-10
Redux Guage accumulating deposits	Redux guage is difficult to read because of built up deposits. Disassemble unit and clean.	Dec-10
Add Inline filter to Compressor	The Condensate Removal Valve (CRV) on the Air Compressor gets stuck open by occaisional pieces of debris from the air tank. Put filter on hose before the CRV.	in progress
PanelView Light not working	Bulb increasingly needs to be jiggled before it will light. Inspect bulb when it no longer lights and repair the problem. Bulb is burned out. Replaced bulb.	Jan-11

Mr. C's CLEANERS OM&M

SUMMARY OF WATER PUMP MAINTENANCE BY IEG

as of Jan 11

ID	CLEAN & INSPECT PUMP	REPLACED PUMP	REPAIR PUMP	PIPE & PITLESS ADAPTER	CLEAN & INSPECT TRANSDUCER	REPLACE TRANSDUCER	REPAIR TRANSDUCER	PUMP OUT WELL	CLEAN OUT & INSPECT ELECTRICAL BOX	ELECTRICAL BOX REPAIR
RW - 1	May-10	Feb-08	May-10		May-10					
PW - 2	Aug 09, May 10	Jul-08			Aug 09, May 10	Sep-09		Aug-09		Sep-09
PW - 3	Aug 09, May 10	Jul-08		Repair adapter	Aug-09			Aug-09		
PW - 4	Sep 09, May 10	Dec-07	NEED		May-10			Jul 09, Sep 09	Sep-09	Sep-09
PW - 5		Jul-08			Sep-09		Sep-09			
PW - 6	Jul-09	Jun 08, Jul 09		Replace pipe 8/09	Apr 09, Aug 09	Sep-09		Aug-09	Aug 09, Sep 09	Jul 09, Sep 09
PW - 7	May 10, Oct 10	Nov 07, Jul 09, Oct 10		Replace pipe 8/09	Aug 09, May 10, Oct 10			Au 09, May 10		
PW - 8	Aug 09, May 10	Jul 08, Sep 09		Replace pipe 8/09	Aug 09, May 10			Aug 09, May 10		

Mr. C's CLEANERS OM&M

SUMMARY OF WATER PUMP STATUS - 2010

as of Jan 11

ID	NEEDS CLEANING & INSPECTION	NEEDS NEW PUMP	NEEDS P.A. OR PIPE	NEEDS WELL CLEAN-OUT	NEEDS HORIZONTAL LINE PURGE	NEEDS TRANSDUCER INSPECTION	NEEDS NEW TRANSDUCER	CLEANED & INSPECTED U.E.	NEEDS ANEROID BELLOWS	NEEDS U.E. CLEANED	NEEDS U.E. REPAIR
RW - 1	NO	NO		YES		NO	NO		YES	NO	YES - bolts
PW - 2	NO	NO		YES		NO			DONE 9/09	NO	YES - bolts
PW - 3	NO	NO	REPAIRED 8/09	DONE 8/09		NO	NO		YES	NO	NO
PW - 4	YES	NO		DONE 9/09		YES		YES 9/09	DONE 9/09	DONE	YES - Asphalt patch
PW - 5	NO	NO		YES		YES 7/09, Problem 11/09	problems 1/09 and 11/09		DONE	NO	NO
PW - 6	NO	DONE 8/09	Replaced pipe 8/09	DONE 8/09		YES 7/09	NO	YES 9/09	DONE 9/09	NO	DONE
PW - 7	NO	DONE 10/10	Replaced pipe 8/09	NO	DONE 10/10	NO	NO		DONE	NO	NO
PW - 8	YES	DONE 9/09	Replaced pipe 8/09	NO	YES	YES	NO		YES	NO	NO

Attachment B
Analytical Report from
Mitkem Laboratories

Analytical Data Package Work Order ID: K0022
Sampled: January 5, 2011
Received: January 31, 2011

Report Date:
26-Jan-11 09:53

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

MITKEM LABORATORIES

A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

Laboratory Report

Ecology and Environment Engineering P.C.
368 Pleasant View Drive
Lancaster, NY 14086

Work Order: K0022
Project : Mr. C's Dry Cleaning
Project #: 002700.DC13.02.01.01

Attn: Michael Steffan

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
K0022-01	INFLUENT	Aqueous	05-Jan-11 12:30	06-Jan-11 11:00
K0022-02	EFFLUENT	Aqueous	05-Jan-11 13:00	06-Jan-11 11:00

I attest that the information contained within the report has been reviewed for accuracy and checked against the quaility control requirements for each method. The results relate only to the samples(s) as recevied. This report may not be reproduced, except in full, without written approval from Mitkem Laboratories.

All applicable NELAC or USEPA CLP requirments have been meet.

Mitkem Laboratories is accredited under the National Environmental Laboratory Approval Program (NELAP) and is certified by several States, as well as USEPA and US Department of Defense. The current list of our laboratory approvals and certifications is available on the Certifications page our web site at www.mitkem.com.

Please contact the Laboratory or Technical Director at 401-732-3400 with any questions regarding the data contained in the laboratory report.

Department of Defense	N/A
Connecticut	PH-0153
Delaware	N/A
Maine	2007037
Massachusetts	M-RI907
New Hampshire	2631
New Jersey	RI001
New York	11522
North Carolina	581
Pennsylvania	68-00520
Rhode Island	LAI00301
Texas	T104704422-08-TX
USDA	P330-08-00023
USEPA - ISM	EP-W-09-039
USEPA - SOM	EP-W-05-030

Authorized by:

Yihai Ding
Laboratory Director

Technical Reviewer's Initials:

REPORT NARRATIVE

Mitkem Laboratories, a Division of Spectrum Analytical, Inc.

Client : Ecology and Environment Engineering P.C.

Project: Mr. C's Dry Cleaning

Laboratory Workorder / SDG #: K0022

SW846 8260C

I. SAMPLE RECEIPT

No exceptions or unusual conditions were encountered unless a Sample Condition Notification Form, or other record of communication is included with the Sample Receipt Documentation.

II. HOLDING TIMES

A. Sample Preparation:

All samples were prepared within the method-specified holding times.

B. Sample Analysis:

All samples were analyzed within the method-specified holding times.

III. METHODS

Samples were analyzed following procedures in laboratory test code: SW846 8260C

IV. PREPARATION

Aqueous Samples were prepared following procedures in laboratory test code: SW5030B_PR(METHOD)

V. INSTRUMENTATION

The following instrumentation was used
Instrument Code: V2
Instrument Type: GCMS-VOA
Description: HP5890 II / HP5972
Manufacturer: Hewlett-Packard
Model: 5890 / 5972

VI. ANALYSIS

A. Calibration:

Calibrations met the method/SOP acceptance criteria.

B. Blanks:

All method blanks were within the acceptance criteria. Please note that Chloroform was detected below the reporting limit but above the detection limit in method blank MB-56767.

C. Surrogates:

Surrogate standard percent recoveries were within the QC limits.

D. Spikes:

1. Laboratory Control Spikes (LCS):

Percent recoveries for lab control samples were within the QC limits with the following exceptions. Please note that most test procedures allow for several compounds outside of the QC limits for the LCS, although this may indicate a bias for this specific compound. LCS-56767 in batch 56767, Percent Recovery is outside QC Limits, recovery is above criteria for Methylene chloride at 147% with criteria of (55-140)

E. Internal Standards:

Internal standard peak areas were within the QC limits.

F. Dilutions:

The following samples were analyzed at dilution: INFLUENT (K0022-01A) : Dilution Factor: 10

G. Samples:

No other unusual occurrences were noted during sample analysis.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and Mitkem, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

Signed: _____

Date: 1/20/11

REPORT NARRATIVE

Mitkem Laboratories, a Division of Spectrum Analytical, Inc.

Client: Ecology and Environment Engineering P.C.

Project: Mr. C's Dry Cleaning

Laboratory Workorder / SDG #: K0022

SM 2340, SM 4500 H+ B

I. SAMPLE RECEIPT

No exceptions or unusual conditions were encountered unless a Sample Condition Notification Form or other record of communication is included with the Sample Receipt Documentation.

II. HOLDING TIMES

A. Sample Preparation:

All samples were prepared within the method-specified holding times.

B. Sample Analysis:

All samples were analyzed within the method-specified holding times.

III. METHODS

Samples were analyzed following procedures in laboratory test codes: SM 2340, and SM 4500 H+ B.

IV. PREPARATION

Aqueous Samples were prepared following procedures in laboratory test code: ICP_W_PR (3005A), for SM2340 analysis.

V. INSTRUMENTATION

The following instrumentation was used:

Instrument Code: OPTIMA3

Instrument Type: ICP
Description: Optima ICP-OES
Manufacturer: Perkin-Elmer
Model: 4300 DV

Instrument Code: WC01
Instrument Type: Probe
Description: pH Meter
Manufacturer: Thermo Electron Corporation
Model: Orion 520A+

VI. ANALYSIS

A. Calibration:

Calibrations met the method/SOP acceptance criteria.

B. Blanks:

All method blanks were within the acceptance criteria.

C. Duplicate sample:

Duplicate analysis was performed for EFFLUENT (K0022-02BDUP) pH analysis (SM 4500 H+ B). Relative percent difference was within the QC limit.

D. Samples:

No unusual occurrences were noted during sample analysis.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and Mitkem, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

Signed: _____

Date: 1/25/11

Sample Transmittal Documentation

WorkOrder: K0022

01/26/2011 09:52

Mitkem Laboratories

Client ID: ENE
Project: Mr. C's Dry Cleaning
WO Name: Mr. C's Dry Cleaning
Location: MR_C_COMPLIANCE, 002700.DC13.02.01.01

Case:
SDG:

HC Due: 01/25/11
Fax Due:
Fax Report: ☐

Report Level: ASP-A
Special Program:
EDD: ENE

PO: 002700.DC13.02.01.01

Comments: 1 ppb ICAL for VOA. Run Influent sample by 10 X dilution, low result in effluent expected. Send hard copy by overnight saver. Have to be on time. Special invoice paperwork required.

Lab Samp ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Samp / Lab Test Comments	HF	HT	MS	SEL	Storage
K0022-01A	INFLUENT	01/05/2011 12:30	01/06/2011	Aqueous	SW8260_W	/ OLM_VOA, 1 ppb ICAL				Y	VOA
K0022-01B	INFLUENT	01/05/2011 12:30	01/06/2011	Aqueous	SM4500_H+	/					O1
K0022-01C	INFLUENT	01/05/2011 12:30	01/06/2011	Aqueous	SM2340_W	/					M3
K0022-02A	EFFLUENT	01/05/2011 13:00	01/06/2011	Aqueous	SW8260_W	/ OLM_VOA, 1 ppb ICAL				Y	VOA
K0022-02B	EFFLUENT	01/05/2011 13:00	01/06/2011	Aqueous	SM4500_H+	/					O1
K0022-02C	EFFLUENT	01/05/2011 13:00	01/06/2011	Aqueous	SM2340_W	/					M3

HF = Fraction logged in but all tests have been placed on hold

HT = Test logged in but has been placed on hold

Lab Client Rep: Shirley S Ng

MITKEM LABORATORIES

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CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
TAT- Indicate Date Needed: Std
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 30 days unless otherwise instructed.

Report To: E&E, Inc
368 Pleasantview Dr
Lancaster, NY 14086
(716) 684-8060
Project Mgr.: Mike Steffan

Invoice To: E&E, Inc
P.O. No.: RQN:

Project No.:
Site Name: Mr Cs O M & M
Location: East Aurora State: NY
Sampler(s): R. Allen

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

List preservative code below: 1 4 2

Notes:

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: pH	Hardness	VOC
01	INFLUENT	1/5/2011	12:30 P	G	GW				1	✓		
01	INFLUENT		12:30 P	G	GW				1		✓	
01	INFLUENT		12:30 P	G	GW	2						✓
02	EFFLUENT		1:00 P	G	GW				1	✓		
02	EFFLUENT		1:00 P	G	GW				1		✓	
02	EFFLUENT		1:00 P	G	GW	2						✓

QA/QC Reporting Level
☐ Level I ☐ Level II
☐ Level III ☐ Level IV
☒ Other CAT A

State specific reporting standards:

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

Condition upon receipt: ☒ Iced ☐ Ambient ☐ °C 3.0C

Relinquished by:	Received by:	Date:	Time:
Richard C Allen Jr		1/6/11	11:00

5999

MITKEM LABORATORIES
Sample Condition Form

Received By: CAD | Reviewed By: JR | Date: 11/11 | Mitkem Work Order #: K0092

Client Project: NRC | Client: ENE

1) Cooler Sealed — (Yes) / No

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

3) Custody Seal Number(s) — N/A

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

5) Cooler Temperature — 3.0°
IR Temp Gun ID — MT-1
Coolant Condition — ICE

6) Airbill(s) — (Present) / Absent
Airbill Number(s) — UPS
1Z F75 795 13 9671 4359

7) Samples Bottles — (Intact) / Broken / Leaking

8) Date Received — 11/6/11

9) Time Received — 11:00

Preservative Name/Lot No.:

Lab Sample ID		Preservation (pH) HNO_3	H_2SO_4	HCl	NaOH	H_3PO_4	VOA Matrix	Soil Headspace or Air Bubble ≥ 1/4"
K0092	01	<2					H	
K0092	02	<2					H	

CAD 11-4-11

VOA Matrix Key:

US = Unpreserved Soil	A = Air
UA = Unpreserved Aqueous	H = HCl
M = MeOH	E = Encore
N = NaHSO4	F = Freeze

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

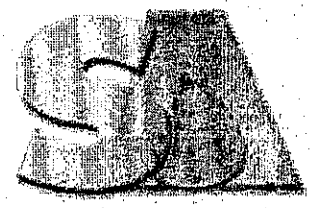
Form ID: QAF.0006

Rad OK (yes) / no

\\Bernoulli\qa_safety\Controlled Forms\QAF.0006 sample condition form

0009

MITKEM
LABORATORIES



* Volatiles *

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
INFLUENT

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: K0022 Mod. Ref No.: SDG No.: SK0022

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: K0022-01A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2M0680.D

Level: (TRACE/LOW/MED) LOW Date Received: 01/06/2011

% Moisture: not dec. Date Analyzed: 01/06/2011

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

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

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
67-64-1	Acetone	50	U
75-15-0	Carbon disulfide	10	U
75-09-2	Methylene chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-butyl ether	5.3	J
75-34-3	1,1-Dichloroethane	10	U
78-93-3	2-Butanone	50	U
156-59-2	cis-1,2-Dichloroethene	30	
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
107-06-2	1,2-Dichloroethane	10	U
71-43-2	Benzene	10	U
79-01-6	Trichloroethene	50	
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-pentanone	50	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	950	
591-78-6	2-Hexanone	50	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
INFLUENT

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: K0022 Mod. Ref No.: SDG No.: SK0022

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: K0022-01A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2M0680.D

Level: (TRACE/LOW/MED) LOW Date Received: 01/06/2011

% Moisture: not dec. Date Analyzed: 01/06/2011

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

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

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
110-82-7	Cyclohexane	10	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EFFLUENT

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: K0022 Mod. Ref No.: SDG No.: SK0022

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: K0022-02A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2M0679.D

Level: (TRACE/LOW/MED) LOW Date Received: 01/06/2011

% Moisture: not dec. Date Analyzed: 01/06/2011

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

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

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
75-71-8	Dichlorodifluoromethane	1.0	U
74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	1.0	U
75-09-2	Methylene chloride	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
1634-04-4	Methyl tert-butyl ether	0.61	J
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	1.0	U
79-01-6	Trichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
127-18-4	Tetrachloroethene	3.2	
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
1330-20-7	Xylene (Total)	1.0	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EFFLUENT

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: K0022 Mod. Ref No.: SDG No.: SK0022

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: K0022-02A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2M0679.D

Level: (TRACE/LOW/MED) LOW Date Received: 01/06/2011

% Moisture: not dec. Date Analyzed: 01/06/2011

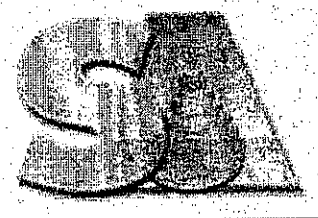
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
98-82-8	Isopropylbenzene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
110-82-7	Cyclohexane	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U

MITKEM LABORATORIES



* Wet Chemistry *

Mitkem Laboratories

Date: *25-Jan-11*

Client: Ecology and Environment Engineering P.C.
Client Sample ID: INFLUENT
Lab ID: K0022-01

Project: Mr. C's Dry Cleaning
Collection Date: 01/05/11 12:30

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch I
SM 2340 -- HARDNESS by Calculation							**SM2340_V**
Hardness, Ca/Mg (As CaCO3)	500		4.0	mg/L CaCO3	1	01/13/2011 9:19	56E
SM 4500 H+ B -- pH VALUE							**SM4500_H**
pH	6.7		1.0	S.U.	1	01/06/2011 0:00	R55E

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Mitkem Laboratories

Date: *25-Jan-11*

Client: Ecology and Environment Engineering P.C.
Client Sample ID: EFFLUENT
Lab ID: K0022-02

Project: Mr. C's Dry Cleaning
Collection Date: 01/05/11 13:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch
SM 2340 -- HARDNESS by Calculation							**SM2340_**
Hardness, Ca/Mg (As CaCO3)	500		4.0	mg/L CaCO3	1	01/13/2011 9:22	56
SM 4500 H+ B -- pH VALUE							**SM4500_H**
pH	7.6		1.0	S.U.	1	01/06/2011 0:00	R55

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Attachment C
Summary of Site Utility Costs and Projections
January to December 2011

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

ATTACHMENT C

NYSDEC Work Assignment #DC13.02.01.01

12 Months of System Operation and Maintenance

January 2011 Report

Gas, Telephone, and Electric

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

Utility Provider	Account #	E&E Cost Center	Description	Jan-2011	Feb-2011	Mar-2011	Apr-2011	May-2011	Jun-2011
New York State E&G	06-311-11-002616-26	002700.DC13.02.01	Mr. C's Electric Costs	$1,685.72					
New York State E&G	76-311-11-015900-18		Agway Site - Electric						
National Fuel Gas	5819628-05	002700.DC13.02.01	Mr. C's Natural Gas Costs	$147.49					
			Totals	$ 1,833.21	$ -	$ -	$ -	$ -	$ -

	Jul-2011	Aug-2011	Sep-2011	Oct-2011	Nov-2011	Dec-2011	Ave. /Month
Mr. C's Electric Costs							$ 1,685.72
Agway Electric							$ -
Mr. C's Natural Gas Costs							$ 147.49
Totals	$0.00	$ -	$ -	$ -	$ -	$ -	$ 1,833.21

Electric	$1,685.72
Natural Gas	$ 147.49
Grand Total - NYSE&G/National Fuel Gas Costs To Date	$ 1,833.21

Notes:

Overbilled natural gas costs - no charges

Estimated Reading $ 333.44 in red -adjusted billing

Phone

Utility Provider	Phone #	E&E Cost Center	Location Description	Jan-2011	Feb-2011	Mar-2011	Apr-2011	May-2011	Jun-2011
Verizon	716-652-0094	002700.DC13.02.01	Mr. C's Telephone Costs						
Account#									
716 652 0094 416 26 2									

	Jul-2011	Aug-2011	Sep-2011	Oct-2011	Nov-2011	Dec-2011	Ave./Month
							$ -

Grand Total - Verizon Costs to Date	$ -
Grand Total All Utilities To Date	$ 1,833.21

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

ATTACHMENT C

NYSDEC Work Assignment #DC13

12 Months of System Operation and Maintenance

January 2011 Report

	Optimum Operating Hours	Actual Operating Hours	Up-time Percentage	Capacity	Comments:
January-10	648	648	100.00%	12.1%	Very cold January.
February-10			#DIV/0!		
March-10			#DIV/0!		
April-10			#DIV/0!		
May-10			#DIV/0!		
June-10			#DIV/0!		
July-10			#DIV/0!		
August-10			#DIV/0!		
September-10			#DIV/0!		
October-10			#DIV/0!		
November-10			#DIV/0!		
December-10			#DIV/0!		
Totals to Date	**648**	**648**	**100.00%**		

Budget Remaining:

Electric:	$24,114.28
Telephone:	$540.00
Gas	$572.51
Total:	$25,226.79

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

Maximum pump discharges calculated as an average of 78 gpm as the total for all 8 pumps at the site if all pumps operate 100%. With the exception of groundwater pump RW-1, all others run on a batch basis.

Total Gallons

481598

Monthly Average Costs

Mr. C's Electric	$ 1,685.72				
Agway Electric	$ -				
Mr. C's Gas	$ 147.49				
Mr. C's Telephone	$ -				
Ave. Utility Cost Total	$ 1,833.21	times	**12 month Estimate**	**$23,831.73**	