



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

June 10, 2010

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
May 2010 Operations, Maintenance, and Monitoring Report

Dear Mr. Welling:

Ecology and Environment Engineering, P.C. (EEEPC) is pleased to provide the May 2010 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) on May 28, 2010 are provided as Attachment B. The full analytical report along with QA/QC information will be retained by EEEPC. Preliminary analytical data information for June 2010 were obtained from MLI for review of possible laboratory or bottle contamination issues are provided as Attachment C. Remedial treatment system utility costs for the Mr. C's and Agway sites are provided as Attachment D.

In review of the on-site treatment system operations, monitoring and maintenance for May 2010, 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 4/27, 5/3, 5/11, 5/19, 5/24, and 6/2/10.
- Based on the weekly inspection results performed by IEG, the remedial treatment system had a 94.44% operational up-time (Table 1) for May 2010 and the treatment of contaminated groundwater totaling of 322,174 gallons (Table 2). The 5% downtime was caused by a power outage due to a wind storm, which caused the system to shut down twice from May 8th to May 9th. IEG responded to the alarm to restart the system as soon as possible. The volume of groundwater processed during this time period was affected by pumping wells PW-7 and PW-8, which were shut down for repairs during the first two weeks of May.

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- The analytical samples for the monthly compliance were taken on May 5, 2010. The sampling results were received by EEEPC on May 28, 2010. Excerpts from the Analytical Data package for the May 5, 2010 sampling event are presented in Attachment B.
- A review of the analytical data revealed the influent concentration to be 434.2 ug/L or 434.2 ppb, and 0.0 ug/L or 0.0 ppb of treated effluent. However, the treated effluent also contained 340 ug/L or 340 ppb of acetone and 310 ug/L or 310 ppb of 2-butanone that were not present in the influent sample. The summary of influent and effluent contaminant concentrations for May 2010 is presented in Table 4. Neither acetone nor 2-butanone are degradation byproducts of PCE, nor have they been detected in levels of this magnitude in samples before. It is suspected that their presence is due to laboratory or sample jar contamination. Preliminary analytical information was obtained from the June 2010 sampling event to determine if the results were consistent or only an anomaly based on bottle or laboratory contamination. The preliminary June 2010 analytical results are provided as Attachment C. The review of the preliminary June 2010 results indicates that acetone and 2-butanone are not detected in the effluent results, indicating either bottle or laboratory contamination. A further review by the laboratory on the May 2010 analytical data was inconclusive.
- Overall cleanup efficiency for the contaminants of concern at the site during the reporting period 4/27/10 to 6/2/10 was 100.00%. IEG cleaned pumping well RW-1 around the time of sample collection, which likely affected the decrease in contaminant concentrations, since this well has had consistently lower or non-detect concentrations of the contaminants of concern than the other pumping wells in the annual groundwater sampling.
- Although acetone and 2-butanone were observed in the effluent water sample from May 5, 2010, neither chemical has an applicable discharge criterion. 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 May 2010 is presented in Table 3.
- The Mr. C's treatment system based on the total monthly flows has effectively removed 1.17 lbs of targeted contaminants from the groundwater below the site in the month of May 2010. The calculations and data for the month and entire year of 2010 are presented in Table 5.

The air stripper unit on Mr. C's property continues to be in compliance and provide analytical data to sub-ppb accuracy, supporting the accurate determination of effluent contaminant levels. Based on analytical results for the May 5, 2010 sampling event, the Mr. C's treatment system continues to effectively remove targeted contaminants from the groundwater below the site in accordance with the SPDES Equivalency permit.

Agway Site Remedial Information

- No current operational issues.

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

- No current operational issues.

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 May 2010 and year to date are provided as Attachment D.

If you have questions regarding the May 2010 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 1/5/10)	61,992.50	95.99%
January 5, 2010 - February 1, 2010	648	100.00%
February 1, 2010 - March 2, 2010	696	100.00%
March 2, 2010 - March 30, 2010	672	100.00%
March 30, 2010 - April 27, 2010	672	100.00%
April 27, 2010 - June 2, 2010	816	94.44%
June 2010		
July 2010		
August 2010		
September 2010		
October 2010		
November 2010		
December 2010		
Total Hours from System Startup '2/02'	65,496.50	
Average Operational Up-time from startup =		96.12%
Average Operational Up-time for 2010 =		98.65%

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
Total - Inception to December 2009	9/5/02 - 1/5/10	109,009,157
January 2010 ³	1/5/10 - 2/1/10	648,852
February 2010 ³	2/1/10 - 3/2/10	672,687
March 2010 ³	3/2/10 - 3/30/10	491,152
April 2010 ³	3/30/10 - 4/27/10	228,188
May 2010 ³	4/27/10 - 6/2/2010	322,174
June 2010 ³		
July 2010 ³		
August 2010 ³		
September 2010 ³		
October 2010 ³		
November 2010 ³		
December 2010 ³		
Total Gallons Treated in 2010		2,363,053
Total Gallons Treated To Date:		111,372,210

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	Units	May 5, 2010 Effluent Analytical Values - Compliance
Flow		gpd	9,475.71
pH	6.0 - 9.0	standard units	7.90
1,1 Dichloroethene	10	µg/L	ND(<1.0)
1,2 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	ND(<1.0)
Vinyl Chloride	10	µg/L	ND(<1.0)
Benzene	5	µg/L	ND(<1.0)
Ethylbenzene	5	µg/L	ND(<1.0)
Methylene Chloride	10	µg/L	ND(<1.0)
1,1,1 Trichloroethane	10	µg/L	ND(<1.0)
Toluene	5	µg/L	ND(<1.0)
Methyl-t-Butyl Ether (MTBE)	NA	µg/L	ND(<1.0)
o-Xylene ³	5	µg/L	NA
m, p-Xylene ³	10	µg/L	NA
Total Xylenes	NA	µg/L	ND(<1.0)
Iron, total	600	µg/L	NA ⁹
Aluminum	4,000	µg/L	NA ⁹
Copper	48	µg/L	NA ⁹
Lead	11	µg/L	NA ⁹
Manganese	2,000	µg/L	NA ⁹
Silver	100	µg/L	NA ⁹
Vanadium	28	µg/L	NA ⁹
Zinc	230	µg/L	NA ⁹
Total Dissolved Solids	850	mg/L	NA ⁹
Total Suspended Solids	20	mg/L	NA ⁹
Hardness	N/A	mg/l	590
Cyanide, Free	10	µg/L	NA ⁹

- NOTES:
- "Daily Maximum" excerpted from Attachment E of Addendum 1 to the Construction Contract Documents dated October 2000.
 - Analytical report did not differentiate between o-Xylene and m, p-Xylene. Total Xylene value reported is given in each line.
 - Shaded cells indicate that analytical value exceeds the "Daily Maximum".
 - "ND" indicates that the compound was not detected and lists the practical quantitation limit in parentheses.
 - "NA" indicates that analyses were not performed and data is unavailable.
 - Average flows based on effluent readings taken April 27, 2010 through June 2, 2010. Total gallons: 322,174 divided by 34 operating days (816 actual operating hours).
 - "J" indicates an estimated value below the detection limit.
 - "B" indicates analyte found in the associated blank.
 - Removed from the required analysis list by NYSDEC Region 9 in February 2005.

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

Table 4
Mr. C's Dry Cleaners Site Remediation
NYSDEC Site #9-15-157
May 2010 VOC Analytical Summary

Compound	Based on the 5/5/10 Effluent Sampling Results				
	Influent Concentration* (ug/L)	Effluent Concentration* (ug/L)	Cleanup Concentration**	Cleanup Efficiency** (%)	
Acetone	ND (<20.0)	U	340	D	NA
Benzene	ND (<4.0)	U	ND (<1.0)	U	NA
2-Butanone	ND (<4.0)	U	310	D	NA
cis-1, 2-Dichloroethene	16.0		ND (<1.0)	U	100.00%
Methylene chloride	ND (<4.0)	U	ND (<1.0)	U	NA
Methyl tert-butyl ether (MTBE)	5.2		ND (<1.0)	U	100.00%
Tetrachloroethene	390.0		ND (<1.0)	DJ	100.00%
Toluene	ND (<4.0)	U	ND (<1.0)	u	NA
Trichloroethene	23.0		ND (<1.0)	U	100.00%
Carbon Disulfide	ND (<4.0)	U	ND (<1.0)	U	NA
1,1,2 Trichloro-1,2,2-trifluoroethane	ND (<4.0)	U	ND (<1.0)	U	NA
Cyclohexane	ND (<4.0)	U	ND (<1.0)	U	NA
trans-1,2-dichloroethene	ND (<4.0)	U	ND (<1.0)	U	NA
Methylcyclohexane	ND (<4.0)	U	ND (<1.0)	U	NA
Methyl acetate	ND (<4.0)	U	ND (<1.0)	U	NA
Total Xylenes	ND (<4.0)	U	ND (<1.0)	U	NA
May 5, 2010 TOTALS (in ug/L) =	434.2		0.00		100.00%

Notes:

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

* (<50) - Detection Limit

** Contaminants of Concern only

Attachment A
IEG Weekly Inspection Reports
May 2010

Including:

4/27/10

5/3/10

5/11/10

5/19/10

5/24/10

6/2/10

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

DATE: 27-Apr-10 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen OTHER PERSONNEL: _____

WEATHER CONDITIONS: Partly cloudy, cool OUTSIDE TEMPERATURE (°F): 43

ARE WELL PUMPS OPERATING IN AUTO: YES: _____ NO: If "NO", provide explanation below
RW-1 and PW-7 are OFF due to maintenance problems.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: <input checked="" type="checkbox"/>	OFF: <u>19</u> ft	PW-5	ON: <input checked="" type="checkbox"/>	OFF: <u>10</u> ft
PW-2	ON: <input checked="" type="checkbox"/>	OFF: <u>14</u> ft	PW-6	ON: <input checked="" type="checkbox"/>	OFF: <u>3</u> ft
PW-3	ON: <input checked="" type="checkbox"/>	OFF: <u>8</u> ft	PW-7	ON: <input checked="" type="checkbox"/>	OFF: <u>16</u> ft
PW-4	ON: <input checked="" type="checkbox"/>	OFF: <u>14</u> ft	PW-8	ON: <input checked="" type="checkbox"/>	OFF: <u>10</u> ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 4/7/10 Air Stripper High Level

NOTES: Few pumps appear to be working properly

INFLUENT FLOW RATE: 5 gpm INFLUENT TOTALIZER READING: 7,632,712.0 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: 3.0 psi

		Top	Bottom		Top	Bottom
BAG FILTER PRESSURES:	LEFT:	<u>45</u>	<u>0</u> psi	RIGHT:	<u>48</u>	<u>0</u> psi

INFLUENT FEED PUMP IN USE: #1 _____ #2 INFLUENT PUMP PRESSURE: 18 psi

AIR STRIPPER BLOWER IN USE: #1 _____ #2 AIR STRIPPER PRESSURE: 21.0 in. H₂O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.05 in. H₂O DISCHARGE PRESSURE: 1.4 in. H₂O

EFFLUENT PUMP IN USE: #1 #2 _____ EFFLUENT FEED PUMP PRESSURE: 7.0 psi
 EFFLUENT FLOW RATE: 88 gpm EFFLUENT TOTALIZER READING: 58,818,404 83470 gallons

ARE BUILDING HEATERS IN USE? YES: NO: _____ INSIDE TEMPERATURE (°F): 65

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

27-Apr-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:

PZ-4C is damaged and partially patched.

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

Remarks: Turned up Jesco pump slightly to: Left 2.75; Right 1.5.

Other Actions: Swept spruce needles from Library parking lot around well groups PW-6 and PW-7.

AGWAY

SYSTEM VACUUM: <u>-23</u> in. H ₂ O				AIR PRESSURE: <u>100</u> psi					
SP-1:	<u>4.5</u>	scfm	<u>7.5</u>	psi	SP-5:	<u>0.0</u>	scfm	<u>29.0</u>	psi
SP-2:	<u>0.0</u>	scfm	<u>> 30</u>	psi	SP-6:	<u>0.0</u>	scfm	<u>> 30</u>	psi
SP-3:	<u>0.0</u>	scfm	<u>29.5</u>	psi	SP-7:	<u>-0.0</u>	scfm	<u>> 30</u>	psi
SP-4:	<u>0.0</u>	scfm	<u>> 30</u>	psi	SP-8:	<u>0.0</u>	scfm	<u>> 30</u>	psi

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

Remarks: SVE vacuum drum is dry.

Other Actions:

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

DATE: 3-May-10 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen, D. Iyer OTHER PERSONNEL: Ecology and Environment Personnel

WEATHER CONDITIONS: Cloudy, warm OUTSIDE TEMPERATURE (°F): 68

ARE WELL PUMPS OPERATING IN AUTO: YES: NO: If "NO", provide explanation below
RW-1 and PW-7 are OFF due to maintenance problems.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: <input checked="" type="checkbox"/>	OFF: <u>19</u> ft	PW-5	ON: <input type="checkbox"/>	OFF: <input checked="" type="checkbox"/> <u>3</u> ft
PW-2	ON: <input checked="" type="checkbox"/>	OFF: <u>14</u> ft	PW-6	ON: <input checked="" type="checkbox"/>	OFF: <input type="checkbox"/> <u>5</u> ft
PW-3	ON: <input checked="" type="checkbox"/>	OFF: <u>9</u> ft	PW-7	ON: <input checked="" type="checkbox"/>	OFF: <input type="checkbox"/> <u>16</u> ft
PW-4	ON: <input checked="" type="checkbox"/>	OFF: <u>16</u> ft	PW-8	ON: <input checked="" type="checkbox"/>	OFF: <input type="checkbox"/> <u>14</u> ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 4/7/10 Air Stripper High Level

NOTES: _____

INFLUENT FLOW RATE: 5 gpm INFLUENT TOTALIZER READING: 7,672,340.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 14 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 24 gallons
 SEQUESTERING AGENT FEED RATE: 5.0 ml/min METERING PUMP PRESSURE: 2.0 psi

		Top	Bottom		Top	Bottom
BAG FILTER PRESSURES:	LEFT:	<u>45</u>	<u>0</u> psi	RIGHT:	<u>48</u>	<u>0</u> psi

INFLUENT FEED PUMP IN USE: #1 #2 INFLUENT PUMP PRESSURE: 18 psi

AIR STRIPPER BLOWER IN USE: #1 #2 AIR STRIPPER PRESSURE: 24.0 in. H₂O
 AIR STRIPPER DIFFERENTIAL PRESSURE: 0.048 in. H₂O DISCHARGE PRESSURE: 1.1 in. H₂O

EFFLUENT PUMP IN USE: #1 #2 EFFLUENT FEED PUMP PRESSURE: 6.5 psi
 EFFLUENT FLOW RATE: 91 gpm EFFLUENT TOTALIZER READING: 58,842,333 107830 gallons

ARE BUILDING HEATERS IN USE? YES: NO: INSIDE TEMPERATURE (°F): 77

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

3-May-10

SAMPLES COLLECTED? YES: NO:

	Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Cond.
AIR STRIPPER INFLUENT:	INF	12:00 PM	7.26	7.93	16.2	3283
AIR STRIPPER EFFLUENT:	EFF	12:00 PM	8.58	7.22	17.9	3219

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:

PZ-4C is damaged and patched. Some MWs and UEs are covered with puddles from recent rain.

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

Remarks: May 8 & 9 - respond to alarms during windstorm. System will not restart on May 8 and is down for these two days.

Other Actions: RW-1 - inspected, cleaned, and replaced torque arrestor. Found bailer string wrapped around shaft of pump.

Installed ball valves onto ends of Bag Filter drain pipes to facilitate filter changes. Changed Bag Filters.

PW-2 and PW-3 - inspect, clean and adjust transducers and well pumps.

AGWAY

SYSTEM VACUUM:			-22	in. H ₂ O	AIR PRESSURE:			55	psi
SP-1:	4.5	scfm	8.0	psi	SP-5	0.0	scfm	28.5	psi
SP-2:	0.0	scfm	> 30	psi	SP-6	0.0	scfm	> 30	psi
SP-3:	0.0	scfm	29.0	psi	SP-7	0.0	scfm	> 30	psi
SP-4:	0.0	scfm	> 30	psi	SP-8	0.0	scfm	> 30	psi

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

Remarks: SVE vacuum drum is dry.

Illegal dump of about 1/2 yard of concrete near the north side of the Agway Shed.

Other Actions:

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

DATE: 11-May-10 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: D. Iyer, R. Allen OTHER PERSONNEL: Ecology and Environment, Inc. personnel

WEATHER CONDITIONS: Cloudy, cool OUTSIDE TEMPERATURE (°F): 45

ARE WELL PUMPS OPERATING IN AUTO: YES: NO: If "NO", provide explanation below
PW-7 and PW-8 are OFF due to maintenance problems.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: <input type="checkbox"/>	OFF: <input checked="" type="checkbox"/>	<u>7</u> ft	PW-5	ON: <input type="checkbox"/>	OFF: <input checked="" type="checkbox"/>	<u>6</u> ft
PW-2	ON: <input type="checkbox"/>	OFF: <input checked="" type="checkbox"/>	<u>5</u> ft	PW-6	ON: <input type="checkbox"/>	OFF: <input checked="" type="checkbox"/>	<u>5</u> ft
PW-3	ON: <input type="checkbox"/>	OFF: <input checked="" type="checkbox"/>	<u>4</u> ft	PW-7	ON: <input checked="" type="checkbox"/>	OFF: <input type="checkbox"/>	<u>14</u> ft
PW-4	ON: <input type="checkbox"/>	OFF: <input checked="" type="checkbox"/>	<u>8</u> ft	PW-8	ON: <input checked="" type="checkbox"/>	OFF: <input type="checkbox"/>	<u>19</u> ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 5/9/10 Air Stripper Low Air Pressure

NOTES: _____

INFLUENT FLOW RATE: 8 gpm INFLUENT TOTALIZER READING: 7,750,295.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 30 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 51 gallons
 SEQUESTERING AGENT FEED RATE: 5.0 ml/min METERING PUMP PRESSURE: 3.0 psi

		Top	Bottom		Top	Bottom
BAG FILTER PRESSURES:	LEFT:	<u>0</u>	<u>0</u> psi	RIGHT:	<u>5</u>	<u>0</u> psi

INFLUENT FEED PUMP IN USE: #1 #2 INFLUENT PUMP PRESSURE: 18 psi

AIR STRIPPER BLOWER IN USE: #1 #2 AIR STRIPPER PRESSURE: 28.0 in. H₂O
 AIR STRIPPER DIFFERENTIAL PRESSURE: 0.065 in. H₂O DISCHARGE PRESSURE: 2.0 in. H₂O

EFFLUENT PUMP IN USE: #1 #2 EFFLUENT FEED PUMP PRESSURE: 9.0 psi
 EFFLUENT FLOW RATE: 85 gpm EFFLUENT TOTALIZER READING: 58,890,340 156730 gallons

ARE BUILDING HEATERS IN USE? YES: NO: INSIDE TEMPERATURE (°F): 62

IS SUMP PUMP IN USE: YES: NO: ARE ANY LEAKS PRESENT? YES: NO:
 WATER LEVEL IN SUMP: 8.0 in. TREATMENT BUILDING CLEAN & ORGANIZED? YES: NO:

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

11-May-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:

PZ-4C is damaged and patched over.

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

Remarks: Switched Redux pickup to new drum. Have (1) full drum left.

Trouble shoot system - Blower #2 will not start. Restart system with Blower #1.

Other Actions: PW-4 - inspect and clean, test - OK. PW-7 - inspect and clean. Test - does not pump water.

Swept spruce needles and cones off of Library parking lot around PW-6 and PW-7.

AGWAY

SYSTEM VACUUM: <u> -23 </u> in. H ₂ O				AIR PRESSURE: <u> 85 </u> psi			
SP-1:	<u> 1.0 </u>	scfm	<u> 10.0 </u> psi	SP-5:	<u> 0.0 </u>	scfm	<u> 29.0 </u> psi
SP-2:	<u> 0.0 </u>	scfm	<u> > 30 </u> psi	SP-6:	<u> 0.0 </u>	scfm	<u> > 30 </u> psi
SP-3:	<u> 0.0 </u>	scfm	<u> > 30 </u> psi	SP-7:	<u> 0.0 </u>	scfm	<u> > 30 </u> psi
SP-4:	<u> 0.0 </u>	scfm	<u> > 30 </u> psi	SP-8:	<u> 0.0 </u>	scfm	<u> > 30 </u> psi

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

Remarks: SVE vacuum drum is dry.

Other Actions:

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

DATE: 19-May-10 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen, D. Iyer OTHER PERSONNEL: Ecology and Environment, Inc

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

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

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: <input checked="" type="checkbox"/>	OFF: <u>11</u> ft	PW-5	ON: <input type="checkbox"/>	OFF: <input checked="" type="checkbox"/> <u>6</u> ft
PW-2	ON: <input type="checkbox"/>	OFF: <input checked="" type="checkbox"/> <u>7</u> ft	PW-6	ON: <input checked="" type="checkbox"/>	OFF: <input type="checkbox"/> <u>6</u> ft
PW-3	ON: <input type="checkbox"/>	OFF: <input checked="" type="checkbox"/> <u>7</u> ft	PW-7	ON: <input checked="" type="checkbox"/>	OFF: <input type="checkbox"/> <u>10</u> ft
PW-4	ON: <input type="checkbox"/>	OFF: <input checked="" type="checkbox"/> <u>4</u> ft	PW-8	ON: <input type="checkbox"/>	OFF: <input checked="" type="checkbox"/> <u>6</u> ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 5/10/10 Air Stripper Low Pressure

NOTES: PanelView light is out.

INFLUENT FLOW RATE: 6 gpm INFLUENT TOTALIZER READING: 7,926,889.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 23 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 39 gallons

SEQUESTERING AGENT FEED RATE: 8.0 ml/min METERING PUMP PRESSURE: 3.0 psi

		Top	Bottom		Top	Bottom
BAG FILTER PRESSURES:	LEFT:	<u>0</u>	<u>0</u> psi	RIGHT:	<u>6</u>	<u>0</u> psi

INFLUENT FEED PUMP IN USE: #1 #2 INFLUENT PUMP PRESSURE: 18 psi

AIR STRIPPER BLOWER IN USE: #1 #2 AIR STRIPPER PRESSURE: 29.0 in. H₂O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.07 in. H₂O DISCHARGE PRESSURE: 1.9 in. H₂O

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

EFFLUENT FLOW RATE: 88 gpm EFFLUENT TOTALIZER READING: 59,011,080 269510 gallons

ARE BUILDING HEATERS IN USE? YES: NO: INSIDE TEMPERATURE (°F): 67

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

19-May-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:

PZ-4C is damaged by snowplow. Some MWs and UEs were covered with puddles from recent rain.

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

Remarks: Turned Jesco pump down slightly to: Left 2.3; Right 1.4.

Other Actions: PW-7 - purge well. Pump works but moves little water.

PW-8 - inspect and clean transducer and pump. Purge well. Test - OK.

AGWAY

SYSTEM VACUUM: <u>-24</u> in. H ₂ O			AIR PRESSURE: <u>25</u> psi		
SP-1:	<u>0.0</u> scfm	<u>5.0</u> psi	SP-5:	<u>0.0</u> scfm	<u>29.5</u> psi
SP-2:	<u>0.0</u> scfm	<u>> 30</u> psi	SP-6:	<u>0.0</u> scfm	<u>> 30</u> psi
SP-3:	<u>0.0</u> scfm	<u>> 30</u> psi	SP-7:	<u>0.0</u> scfm	<u>> 30</u> psi
SP-4:	<u>0.0</u> scfm	<u>> 30</u> psi	SP-8:	<u>0.0</u> scfm	<u>> 30</u> psi

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

Remarks: SVE vacuum drum is dry. Concrete dump on north side of shed.

Construction materials are in the southwest corner of the site.

Other Actions:

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

DATE: 24-May-10 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen OTHER PERSONNEL: _____

WEATHER CONDITIONS: Sunny, warm OUTSIDE TEMPERATURE (°F): 75

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

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: <input checked="" type="checkbox"/>	OFF: _____	<u>11</u> ft	PW-5	ON: _____	OFF: <input checked="" type="checkbox"/>	<u>6</u> ft
PW-2	ON: _____	OFF: <input checked="" type="checkbox"/>	<u>6</u> ft	PW-6	ON: _____	OFF: <input checked="" type="checkbox"/>	<u>3</u> ft
PW-3	ON: _____	OFF: <input checked="" type="checkbox"/>	<u>5</u> ft	PW-7	ON: <input checked="" type="checkbox"/>	OFF: _____	<u>10</u> ft
PW-4	ON: _____	OFF: <input checked="" type="checkbox"/>	<u>7</u> ft	PW-8	ON: _____	OFF: <input checked="" type="checkbox"/>	<u>4</u> ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 5/10/10 Air Stripper Low Pressure

NOTES: _____

INFLUENT FLOW RATE: 18 gpm INFLUENT TOTALIZER READING: 8,013,126.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 16 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 27 gallons

SEQUESTERING AGENT FEED RATE: 10.0 ml/min METERING PUMP PRESSURE: 2.0 psi

		Top	Bottom		Top	Bottom
BAG FILTER PRESSURES:	LEFT:	<u>0</u>	<u>0</u> psi	RIGHT:	<u>6</u>	<u>0</u> psi

INFLUENT FEED PUMP IN USE: #1 _____ #2 INFLUENT PUMP PRESSURE: 19 psi

AIR STRIPPER BLOWER IN USE: #1 #2 _____ AIR STRIPPER PRESSURE: 31.0 in. H₂O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.065 in. H₂O DISCHARGE PRESSURE: 1.7 in. H₂O

EFFLUENT PUMP IN USE: #1 #2 _____ EFFLUENT FEED PUMP PRESSURE: 7.5 psi

EFFLUENT FLOW RATE: 89 gpm EFFLUENT TOTALIZER READING: 59,056,453 325680 gallons

ARE BUILDING HEATERS IN USE? YES: _____ NO: INSIDE TEMPERATURE (°F): 82

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

24-May-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:

PZ-4C is damaged by snowplow.

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

Remarks: Turned Jesco pump down slightly to: Left 2.1; Right 1.3.

Other Actions: Emptied old Redux drum into present drum. Have 1/2 drum.

AGWAY

SYSTEM VACUUM: <u> -22 </u> in. H ₂ O			AIR PRESSURE: <u> 115 </u> psi		
SP-1: <u> 1.1 </u> scfm	<u> 26.0 </u> psi	SP-5: <u> 0.0 </u> scfm	<u> 28.5 </u> psi		
SP-2: <u> 0.0 </u> scfm	<u> > 30 </u> psi	SP-6: <u> 0.0 </u> scfm	<u> > 30 </u> psi		
SP-3: <u> 0.0 </u> scfm	<u> 30.0 </u> psi	SP-7: <u> 0.0 </u> scfm	<u> > 30 </u> psi		
SP-4: <u> 0.0 </u> scfm	<u> > 30 </u> psi	SP-8: <u> 0.0 </u> scfm	<u> > 30 </u> psi		

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

Remarks: Construction vehicles and materials are in the southwest corner of the site.

SVE vacuuj drum is dry. Concrete dump on the north side of the shed.

Other Actions: _____

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

DATE: 2-Jun-10 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen OTHER PERSONNEL: _____

WEATHER CONDITIONS: Partly cloudy, warm OUTSIDE TEMPERATURE (°F): 75

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

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: <input checked="" type="checkbox"/>	OFF: <u>11</u> ft	PW-5	ON: _____	OFF: <input checked="" type="checkbox"/> <u>7</u> ft
PW-2	ON: _____	OFF: <input checked="" type="checkbox"/> <u>5</u> ft	PW-6	ON: <input checked="" type="checkbox"/>	OFF: _____ <u>7</u> ft
PW-3	ON: _____	OFF: <input checked="" type="checkbox"/> <u>5</u> ft	PW-7	ON: <input checked="" type="checkbox"/>	OFF: _____ <u>10</u> ft
PW-4	ON: _____	OFF: <input checked="" type="checkbox"/> <u>8</u> ft	PW-8	ON: <input checked="" type="checkbox"/>	OFF: _____ <u>4</u> ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 5/10/10 Air Stripper Low Air Pressure

NOTES: _____

INFLUENT FLOW RATE: 22 gpm INFLUENT TOTALIZER READING: 8,144,511.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 2 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 3.4 gallons

SEQUESTERING AGENT FEED RATE: 7.0 ml/min METERING PUMP PRESSURE: 2.0 psi

BAG FILTER PRESSURES:	LEFT:	Top	Bottom	RIGHT:	Top	Bottom
		<u>0</u>	<u>0</u> psi		<u>6</u>	<u>0</u> psi

INFLUENT FEED PUMP IN USE: #1 _____ #2 INFLUENT PUMP PRESSURE: 19 psi

AIR STRIPPER BLOWER IN USE: #1 #2 _____ AIR STRIPPER PRESSURE: 37.0 in. H₂O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.045 in. H₂O DISCHARGE PRESSURE: 1.2 in. H₂O

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

EFFLUENT FLOW RATE: 90 gpm EFFLUENT TOTALIZER READING: 59,140,574 410480 gallons

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

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

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

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

2-Jun-10

SAMPLES COLLECTED? YES: NO:

	Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Cond.
AIR STRIPPER INFLUENT:	INF	1:30 PM	7.22	8.43	18.4	2749
AIR STRIPPER EFFLUENT:	EFF	1:30 PM	8.66	8.4	20.5	2790

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:

P-4C is damaged.

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

Remarks: Turned down Jesco pump slightly to: Left 2.2; Right 1.2.

Other Actions: A. DuiePYLE delivered (3) drums of Redux.

Switched Redux pickup to new drum. Have (3) full drums.

Delivered (4) cleaned Redux drums to Harbison Bros. Inc. for recycling.

AGWAY

SYSTEM VACUUM: <u>-21</u> in. H ₂ O				AIR PRESSURE: <u>115</u> psi			
SP-1:	<u>1.2</u>	scfm	<u>24.0</u> psi	SP-5:	<u>0.0</u>	scfm	<u>28.0</u> psi
SP-2:	<u>0.0</u>	scfm	<u>> 30</u> psi	SP-6:	<u>1.2</u>	scfm	<u>30.0</u> psi
SP-3:	<u>0.0</u>	scfm	<u>30.0</u> psi	SP-7:	<u>0.0</u>	scfm	<u>> 30</u> psi
SP-4:	<u>0.0</u>	scfm	<u>> 30</u> psi	SP-8:	<u>0.0</u>	scfm	<u>> 30</u> psi

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

Remarks: Construction vehicles and equipment parked throughout site.

Concrete dump and scaffolding placed near shed.

Other Actions: Champion compressor motor sounds noisy. SVE vacuum drum is dry.

Attachment B
Analytical Report from
Mitkem Laboratories

Analytical Data Package Work Order ID: J0937
Sampled: May 5, 2010
Analyzed: May 10 and 17, 2010

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

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

Mitkem Work Order ID: J0937

May 28, 2010

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

Prepared By: Mitkem Laboratories
175 Metro Center Boulevard
Warwick, RI 02886
(401) 732-3400

SDG Narrative

Mitkem Laboratories 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 May 6, 2010. 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 (2000 update) 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:

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 in the initial calibration 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 instrument 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.

Sample analysis: due to high concentration of tetrachloroethene, sample INFLUENT was analyzed at 4x dilution. Sample EFFLUENT was re-analyzed at 5x dilution. No other unusual observation was made for this analysis.

2. Wet Chemistry Analyses:

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

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

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



Shirley Ng
Project Manager
05/28/10

Sample Transmittal Documentation

WorkOrder: J0937

05/28/2010 16:05

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
 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.

Case: HC Due: 05/25/10 Report Level: ASP-A
 SDG: Fax Due: Special Program:
 PO: 002700.DC13.02.01.01
 Fax Report: EDD: ENE

Lab Samp ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Samp / Lab Test Comments	HF	HT	MS	SEL	Storage
J0937-01A	INFLUENT	05/05/2010 12:30	05/06/2010	Aqueous	SW8260_W	/ OLM_VOA, 1 ppb ICAL				Y	VOA
J0937-01B	INFLUENT	05/05/2010 12:30	05/06/2010	Aqueous	SM4500_H+	/					F2
J0937-01C	INFLUENT	05/05/2010 12:30	05/06/2010	Aqueous	SM2340_W	/					M1
J0937-02A	EFFLUENT	05/05/2010 13:00	05/06/2010	Aqueous	SW8260_W	/ OLM_VOA, 1 ppb ICAL				Y	VOA
J0937-02B	EFFLUENT	05/05/2010 13:00	05/06/2010	Aqueous	SM4500_H+	/					F2
J0937-02C	EFFLUENT	05/05/2010 13:00	05/06/2010	Aqueous	SM2340_W	/					M1

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

HT = Test logged in but has been placed on hold

MITKEM LABORATORIES
Sample Condition Form

Received By: <u>VEG</u>		Reviewed By: <u>CDW</u>		Date: <u>5/16/10</u>		Mitkem Work Order #: <u>50937</u>	
Client Project: <u>MR C Compliance</u>				Client: <u>ENE</u>		Soil Headspace or Air Bubble ≥ 1/4"	
1) Cooler Sealed	<input checked="" type="radio"/> Yes / No	Lab Sample ID	HNO ₃	H ₂ SO ₄	HCl	NaOH	H ₃ PO ₄
		<u>50937 01</u>	<u>L2</u>				
2) Custody Seal(s)	<input checked="" type="radio"/> Present / Absent <input checked="" type="radio"/> Coolers / Bottles <input checked="" type="radio"/> Intact / Broken	<u>50937 02</u>	<u>L2</u>				
3) Custody Seal Number(s) <u>NA</u>							
4) Chain-of-Custody		<input checked="" type="radio"/> Present / Absent					
5) Cooler Temperature		<u>4°C</u>					
IR Temp Gun ID		<u>MT-1</u>					
Coolant Condition		<u>ICE</u>					
6) Airbill(s)		<input checked="" type="radio"/> Present / Absent					
Airbill Number(s)		<u>VPS</u>					
		<u>1ZFR87251390262492</u>					
7) Samples Bottles		<input checked="" type="radio"/> Intact / Broken / Leaking					
8) Date Received		<u>5/16/10</u>					
9) Time Received		<u>11:30</u>					
Preservative Name/Lot No.:							

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



* 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.: J0937 Mod. Ref No.: _____ SDG No.: SJ0937
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0937-01A
 Sample wt/vol: #Error (g/mL) ML Lab File ID: V1L3758.D
 Level: (TRACE/LOW/MED) LOW Date Received: 05/06/2010
 % Moisture: not dec. Date Analyzed: 05/17/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 4.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	ug/L	
75-71-8	Dichlorodifluoromethane		4.0	U
74-87-3	Chloromethane		4.0	U
75-01-4	Vinyl chloride		4.0	U
74-83-9	Bromomethane		4.0	U
75-00-3	Chloroethane		4.0	U
75-69-4	Trichlorofluoromethane		4.0	U
75-35-4	1,1-Dichloroethene		4.0	U
67-64-1	Acetone		20	U
75-15-0	Carbon disulfide		4.0	U
75-09-2	Methylene chloride		4.0	U
156-60-5	trans-1,2-Dichloroethene		4.0	U
1634-04-4	Methyl tert-butyl ether		5.2	
75-34-3	1,1-Dichloroethane		4.0	U
78-93-3	2-Butanone		20	U
156-59-2	cis-1,2-Dichloroethene		16	
67-66-3	Chloroform		4.0	U
71-55-6	1,1,1-Trichloroethane		4.0	U
56-23-5	Carbon tetrachloride		4.0	U
107-06-2	1,2-Dichloroethane		4.0	U
71-43-2	Benzene		4.0	U
79-01-6	Trichloroethene		23	
78-87-5	1,2-Dichloropropane		4.0	U
75-27-4	Bromodichloromethane		4.0	U
10061-01-5	cis-1,3-Dichloropropene		4.0	U
108-10-1	4-Methyl-2-pentanone		20	U
108-88-3	Toluene		4.0	U
10061-02-6	trans-1,3-Dichloropropene		4.0	U
79-00-5	1,1,2-Trichloroethane		4.0	U
127-18-4	Tetrachloroethene		390	
591-78-6	2-Hexanone		20	U
124-48-1	Dibromochloromethane		4.0	U
106-93-4	1,2-Dibromoethane		4.0	U
108-90-7	Chlorobenzene		4.0	U
100-41-4	Ethylbenzene		4.0	U
1330-20-7	Xylene (Total)		4.0	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.: J0937 Mod. Ref No.: _____ SDG No.: SJ0937
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0937-01A
 Sample wt/vol: #Error (g/mL) ML Lab File ID: V1L3758.D
 Level: (TRACE/LOW/MED) LOW Date Received: 05/06/2010
 % Moisture: not dec. Date Analyzed: 05/17/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 4.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µg/L	
100-42-5	Styrene		4.0	U
75-25-2	Bromoform		4.0	U
98-82-8	Isopropylbenzene		4.0	U
79-34-5	1,1,2,2-Tetrachloroethane		4.0	U
541-73-1	1,3-Dichlorobenzene		4.0	U
106-46-7	1,4-Dichlorobenzene		4.0	U
95-50-1	1,2-Dichlorobenzene		4.0	U
96-12-8	1,2-Dibromo-3-chloropropane		4.0	U
120-82-1	1,2,4-Trichlorobenzene		4.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		4.0	U
110-82-7	Cyclohexane		4.0	U
79-20-9	Methyl acetate		4.0	U
108-87-2	Methylcyclohexane		4.0	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.: J0937 Mod. Ref No.: _____ SDG No.: SJ0937
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0937-02A
 Sample wt/vol: #Error (g/mL) ML Lab File ID: V2L6459.D
 Level: (TRACE/LOW/MED) LOW Date Received: 05/06/2010
 % Moisture: not dec. Date Analyzed: 05/10/2010
 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:		Q
		(ug/L or ug/Kg)	µg/L	
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		430	E
75-15-0	Carbon disulfide		1.0	U
75-09-2	Methylene chloride		1.0	U
156-60-5	trans-1,2-Dichloroethene		1.0	U
1634-04-4	Methyl tert-butyl ether		1.0	U
75-34-3	1,1-Dichloroethane		1.0	U
78-93-3	2-Butanone		560	E
156-59-2	cis-1,2-Dichloroethene		1.0	U
67-66-3	Chloroform		1.0	U
71-55-6	1,1,1-Trichloroethane		1.0	U
56-23-5	Carbon tetrachloride		1.0	U
107-06-2	1,2-Dichloroethane		1.0	U
71-43-2	Benzene		1.0	U
79-01-6	Trichloroethene		1.0	U
78-87-5	1,2-Dichloropropane		1.0	U
75-27-4	Bromodichloromethane		1.0	U
10061-01-5	cis-1,3-Dichloropropene		1.0	U
108-10-1	4-Methyl-2-pentanone		5.0	U
108-88-3	Toluene		1.0	U
10061-02-6	trans-1,3-Dichloropropene		1.0	U
79-00-5	1,1,2-Trichloroethane		1.0	U
127-18-4	Tetrachloroethene		1.0	U
591-78-6	2-Hexanone		5.0	U
124-48-1	Dibromochloromethane		1.0	U
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.: J0937 Mod. Ref No.: _____ SDG No.: SJ0937
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0937-02A
 Sample wt/vol: #Error (g/mL) ML Lab File ID: V2L6459.D
 Level: (TRACE/LOW/MED) LOW Date Received: 05/06/2010
 % Moisture: not dec. Date Analyzed: 05/10/2010
 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:		Q
		(ug/L or ug/Kg)	µG/L	
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

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EFFLUENTDL

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0937 Mod. Ref No.: _____ SDG No.: SJ0937
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0937-02ADL
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L3759.D
 Level: (TRACE/LOW/MED) LOW Date Received: 05/06/2010
 % Moisture: not dec. Date Analyzed: 05/17/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 5.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µg/L	
75-71-8	Dichlorodifluoromethane		5.0	U
74-87-3	Chloromethane		5.0	U
75-01-4	Vinyl chloride		5.0	U
74-83-9	Bromomethane		5.0	U
75-00-3	Chloroethane		5.0	U
75-69-4	Trichlorofluoromethane		5.0	U
75-35-4	1,1-Dichloroethene		5.0	U
67-64-1	Acetone		340	D
75-15-0	Carbon disulfide		5.0	U
75-09-2	Methylene chloride		5.0	U
156-60-5	trans-1,2-Dichloroethene		5.0	U
1634-04-4	Methyl tert-butyl ether		5.0	U
75-34-3	1,1-Dichloroethane		5.0	U
78-93-3	2-Butanone		310	D
156-59-2	cis-1,2-Dichloroethene		5.0	U
67-66-3	Chloroform		5.0	U
71-55-6	1,1,1-Trichloroethane		5.0	U
56-23-5	Carbon tetrachloride		5.0	U
107-06-2	1,2-Dichloroethane		5.0	U
71-43-2	Benzene		5.0	U
79-01-6	Trichloroethene		5.0	U
78-87-5	1,2-Dichloropropane		5.0	U
75-27-4	Bromodichloromethane		5.0	U
10061-01-5	cis-1,3-Dichloropropene		5.0	U
108-10-1	4-Methyl-2-pentanone		25	U
108-88-3	Toluene		5.0	U
10061-02-6	trans-1,3-Dichloropropene		5.0	U
79-00-5	1,1,2-Trichloroethane		5.0	U
127-18-4	Tetrachloroethene		4.5	DJ
591-78-6	2-Hexanone		25	U
124-48-1	Dibromochloromethane		5.0	U
106-93-4	1,2-Dibromoethane		5.0	U
108-90-7	Chlorobenzene		5.0	U
100-41-4	Ethylbenzene		5.0	U
1330-20-7	Xylene (Total)		5.0	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EFFLUENTDL

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: J0937 Mod. Ref No.: _____ SDG No.: SJ0937
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0937-02ADL
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L3759.D
 Level: (TRACE/LOW/MED) LOW Date Received: 05/06/2010
 % Moisture: not dec. Date Analyzed: 05/17/2010
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 5.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	µG/L	
100-42-5	Styrene		5.0	U
75-25-2	Bromoform		5.0	U
98-82-8	Isopropylbenzene		5.0	U
79-34-5	1,1,2,2-Tetrachloroethane		5.0	U
541-73-1	1,3-Dichlorobenzene		5.0	U
106-46-7	1,4-Dichlorobenzene		5.0	U
95-50-1	1,2-Dichlorobenzene		5.0	U
96-12-8	1,2-Dibromo-3-chloropropane		5.0	U
120-82-1	1,2,4-Trichlorobenzene		5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		5.0	U
110-82-7	Cyclohexane		5.0	U
79-20-9	Methyl acetate		5.0	U
108-87-2	Methylcyclohexane		5.0	U



* Wet Chemistry *

Mitkem Laboratories

Date: 28-May-10

Client: Ecology and Environment Engineering P.C.
Client Sample ID: INFLUENT
Lab ID: J0937-01

Project: Mr. C's Dry Cleaning
Collection Date: 05/05/10 12:30

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SM 2340 -- HARDNESS by Calculation							SM2340_W
Hardness, Ca/Mg (As CaCO3)	590		4.0	mg/L CaCO3		105/27/2010 12:58	51869
SM 4500 pH -- pH VALUE							SM4500_H+
pH	6.6		1.0	S.U.		105/06/2010 12:00	R48634

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

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

Mitkem Laboratories

Date: 28-May-10

Client: Ecology and Environment Engineering P.C.
Client Sample ID: EFFLUENT
Lab ID: J0937-02

Project: Mr. C's Dry Cleaning
Collection Date: 05/05/10 13:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SM 2340 -- HARDNESS by Calculation							SM2340_W
Hardness, Ca/Mg (As CaCO3)	590		4.0	mg/L CaCO3		105/27/2010 13:01	51869
SM 4500 pH -- pH VALUE							SM4500_H+
pH	7.9		1.0	S.U.		105/06/2010 12:05	R48634

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

0036

Attachment C
Analytical Report from
Mitkem Laboratories

Preliminary June 2010 Analytical Results
Analytical Laboratory ID: J1150-01
Sampled: June 2, 2010

Mitkem Laboratories

Date: 10-Jun-10

Client: Ecology and Environment Engineering P.C.
 Client Sample ID: INFLUENT
 Lab ID: J1150-01

Project: Mr. C's Dry Cleaning
 Collection Date: 06/02/10 15:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 8260C -- VOC by GC-MS							SW8260_W
Dichlorodifluoromethane	ND		10	µg/L		10 06/08/2010 20:22	52153
Chloromethane	ND		10	µg/L		10 06/08/2010 20:22	52153
Vinyl chloride	ND		10	µg/L		10 06/08/2010 20:22	52153
Bromomethane	ND		10	µg/L		10 06/08/2010 20:22	52153
Chloroethane	ND		10	µg/L		10 06/08/2010 20:22	52153
Trichlorofluoromethane	ND		10	µg/L		10 06/08/2010 20:22	52153
1,1-Dichloroethene	ND		10	µg/L		10 06/08/2010 20:22	52153
Acetone	ND		50	µg/L		10 06/08/2010 20:22	52153
Carbon disulfide	ND		10	µg/L		10 06/08/2010 20:22	52153
Methylene chloride	ND		10	µg/L		10 06/08/2010 20:22	52153
trans-1,2-Dichloroethene	ND		10	µg/L		10 06/08/2010 20:22	52153
Methyl tert-butyl ether	17		10	µg/L		10 06/08/2010 20:22	52153
1,1-Dichloroethane	ND		10	µg/L		10 06/08/2010 20:22	52153
2-Butanone	ND		50	µg/L		10 06/08/2010 20:22	52153
cis-1,2-Dichloroethene	41		10	µg/L		10 06/08/2010 20:22	52153
Chloroform	ND		10	µg/L		10 06/08/2010 20:22	52153
1,1,1-Trichloroethane	ND		10	µg/L		10 06/08/2010 20:22	52153
Carbon tetrachloride	ND		10	µg/L		10 06/08/2010 20:22	52153
1,2-Dichloroethane	ND		10	µg/L		10 06/08/2010 20:22	52153
Benzene	ND		10	µg/L		10 06/08/2010 20:22	52153
Trichloroethene	72		10	µg/L		10 06/08/2010 20:22	52153
1,2-Dichloropropane	ND		10	µg/L		10 06/08/2010 20:22	52153
Bromodichloromethane	ND		10	µg/L		10 06/08/2010 20:22	52153
cis-1,3-Dichloropropene	ND		10	µg/L		10 06/08/2010 20:22	52153
4-Methyl-2-pentanone	ND		50	µg/L		10 06/08/2010 20:22	52153
Toluene	ND		10	µg/L		10 06/08/2010 20:22	52153
trans-1,3-Dichloropropene	ND		10	µg/L		10 06/08/2010 20:22	52153
1,1,2-Trichloroethane	ND		10	µg/L		10 06/08/2010 20:22	52153
Tetrachloroethene	1400		10	µg/L		10 06/08/2010 20:22	52153
2-Hexanone	ND		50	µg/L		10 06/08/2010 20:22	52153
Dibromochloromethane	ND		10	µg/L		10 06/08/2010 20:22	52153
1,2-Dibromoethane	ND		10	µg/L		10 06/08/2010 20:22	52153
Chlorobenzene	ND		10	µg/L		10 06/08/2010 20:22	52153
Ethylbenzene	ND		10	µg/L		10 06/08/2010 20:22	52153
Xylene (Total)	ND		10	µg/L		10 06/08/2010 20:22	52153
Styrene	ND		10	µg/L		10 06/08/2010 20:22	52153
Bromoform	ND		10	µg/L		10 06/08/2010 20:22	52153
Isopropylbenzene	ND		10	µg/L		10 06/08/2010 20:22	52153
1,1,2,2-Tetrachloroethane	ND		10	µg/L		10 06/08/2010 20:22	52153

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte Present below quantitation limits R - ND outside accepted recovery limits
 B - Analyte detected in Gas Associated Method (B) L - Value above quantitation range
 DF - Dilution Factor RL - Reporting Limit

PRELIMINARY

Mitkem Laboratories

Date: 10-Jun-10

Client: Ecology and Environment Engineering P.C.

Client Sample ID: INFLUENT

Project: Mr. C's Dry Cleaning

Lab ID: J1150-01

Collection Date: 06/02/10 15:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 8260C -- VOC by GC-MS							SW8260_W
1,3-Dichlorobenzene	ND		10	µg/L		10 06/08/2010 20:22	52153
1,4-Dichlorobenzene	ND		10	µg/L		10 06/08/2010 20:22	52153
1,2-Dichlorobenzene	ND		10	µg/L		10 06/08/2010 20:22	52153
1,2-Dibromo-3-chloropropane	ND		10	µg/L		10 06/08/2010 20:22	52153
1,2,4-Trichlorobenzene	ND		10	µg/L		10 06/08/2010 20:22	52153
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	µg/L		10 06/08/2010 20:22	52153
Cyclohexane	ND		10	µg/L		10 06/08/2010 20:22	52153
Methyl acetate	ND		10	µg/L		10 06/08/2010 20:22	52153
Methylcyclohexane	ND		10	µg/L		10 06/08/2010 20:22	52153
Surrogate: Dibromofluoromethane	103		85-115	%REC		10 06/08/2010 20:22	52153
Surrogate: 1,2-Dichloroethane-d4	103		70-120	%REC		10 06/08/2010 20:22	52153
Surrogate: Toluene-d8	97.5		85-120	%REC		10 06/08/2010 20:22	52153
Surrogate: Bromofluorobenzene	93.7		75-120	%REC		10 06/08/2010 20:22	52153
SM 4500 H+ B -- pH VALUE							SM4500_H+
pH	6.6		1.0	S.U.		1 06/09/2010 14:40	R49733

PRELIMINARY: Here are the preliminary results for your project submitted to Mitkem Laboratories. Please note: Data contained within this report have undergone preliminary review but may be subject to change pending final QA/QC review.

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantification limits

B - Analyte detected in an associated method blank

DF - Dilution Factor

S - Spike Recovery outside accepted recovery limits

R - ND outside accepted recovery limits

L - Value above quantitation range

RL - Reporting Limit

PRELIMINARY

Mitkem Laboratories

Date: 10-Jun-10

Client: Ecology and Environment Engineering P.C.
 Client Sample ID: EFFLUENT
 Lab ID: J1150-02

Project: Mr. C's Dry Cleaning
 Collection Date: 06/02/10 15:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 B260C -- VOC by GC-MS							SW8260_W
Dichlorodifluoromethane	ND		1.0	µg/L		1 06/08/2010 19:54	52153
Chloromethane	ND		1.0	µg/L		1 06/08/2010 19:54	52153
Vinyl chloride	ND		1.0	µg/L		1 06/08/2010 19:54	52153
Bromomethane	ND		1.0	µg/L		1 06/08/2010 19:54	52153
Chloroethane	ND		1.0	µg/L		1 06/08/2010 19:54	52153
Trichlorofluoromethane	ND		1.0	µg/L		1 06/08/2010 19:54	52153
1,1-Dichloroethene	ND		1.0	µg/L		1 06/08/2010 19:54	52153
Acetone	ND		5.0	µg/L		1 06/08/2010 19:54	52153
Carbon disulfide	ND		1.0	µg/L		1 06/08/2010 19:54	52153
Methylene chloride	ND		1.0	µg/L		1 06/08/2010 19:54	52153
trans-1,2-Dichloroethene	ND		1.0	µg/L		1 06/08/2010 19:54	52153
Methyl tert-butyl ether	ND		1.0	µg/L		1 06/08/2010 19:54	52153
1,1-Dichloroethane	ND		1.0	µg/L		1 06/08/2010 19:54	52153
2-Butanone	ND		5.0	µg/L		1 06/08/2010 19:54	52153
cis-1,2-Dichloroethene	ND		1.0	µg/L		1 06/08/2010 19:54	52153
Chloroform	ND		1.0	µg/L		1 06/08/2010 19:54	52153
1,1,1-Trichloroethane	ND		1.0	µg/L		1 06/08/2010 19:54	52153
Carbon tetrachloride	ND		1.0	µg/L		1 06/08/2010 19:54	52153
1,2-Dichloroethane	ND		1.0	µg/L		1 06/08/2010 19:54	52153
Benzene	ND		1.0	µg/L		1 06/08/2010 19:54	52153
Trichloroethene	ND		1.0	µg/L		1 06/08/2010 19:54	52153
1,2-Dichloropropane	ND		1.0	µg/L		1 06/08/2010 19:54	52153
Bromodichloromethane	ND		1.0	µg/L		1 06/08/2010 19:54	52153
cis-1,3-Dichloropropene	ND		1.0	µg/L		1 06/08/2010 19:54	52153
4-Methyl-2-pentanone	ND		5.0	µg/L		1 06/08/2010 19:54	52153
Toluene	ND		1.0	µg/L		1 06/08/2010 19:54	52153
trans-1,3-Dichloropropene	ND		1.0	µg/L		1 06/08/2010 19:54	52153
1,1,2-Trichloroethane	ND		1.0	µg/L		1 06/08/2010 19:54	52153
Tetrachloroethene	0.73	J	1.0	µg/L		1 06/08/2010 19:54	52153
2-Hexanone	ND		5.0	µg/L		1 06/08/2010 19:54	52153
Dibromochloromethane	ND		1.0	µg/L		1 06/08/2010 19:54	52153
1,2-Dibromoethane	ND		1.0	µg/L		1 06/08/2010 19:54	52153
Chlorobenzene	ND		1.0	µg/L		1 06/08/2010 19:54	52153
Ethylbenzene	ND		1.0	µg/L		1 06/08/2010 19:54	52153
Xylene (Total)	ND		1.0	µg/L		1 06/08/2010 19:54	52153
Styrene	ND		1.0	µg/L		1 06/08/2010 19:54	52153
Bromoform	ND		1.0	µg/L		1 06/08/2010 19:54	52153
Isopropylbenzene	ND		1.0	µg/L		1 06/08/2010 19:54	52153
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L		1 06/08/2010 19:54	52153

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected, but not quantitated, limits
 B - Analyte detected, but not associated Method/Block
 DF - Dilution Factor
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 RL - Reporting Limit

PRELIMINARY

Mitkem Laboratories

Date: 10-Jun-10

Client: Ecology and Environment Engineering P.C.

Client Sample ID: EFFLUENT

Lab ID: J1150-02

Project: Mr. C's Dry Cleaning

Collection Date: 06/02/10 15:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 8260C -- VOC by GC-MS							SW8260_W
1,3-Dichlorobenzene	ND		1.0	µg/L		1 06/08/2010 19:54	52153
1,4-Dichlorobenzene	ND		1.0	µg/L		1 06/08/2010 19:54	52153
1,2-Dichlorobenzene	ND		1.0	µg/L		1 06/08/2010 19:54	52153
1,2-Dibromo-3-chloropropane	ND		1.0	µg/L		1 06/08/2010 19:54	52153
1,2,4-Trichlorobenzene	ND		1.0	µg/L		1 06/08/2010 19:54	52153
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	µg/L		1 06/08/2010 19:54	52153
Cyclohexane	ND		1.0	µg/L		1 06/08/2010 19:54	52153
Methyl acetate	ND		1.0	µg/L		1 06/08/2010 19:54	52153
Methylcyclohexane	ND		1.0	µg/L		1 06/08/2010 19:54	52153
Surrogate: Dibromofluoromethane	104		85-115	%REC		1 06/08/2010 19:54	52153
Surrogate: 1,2-Dichloroethane-d4	101		70-120	%REC		1 06/08/2010 19:54	52153
Surrogate: Toluene-d8	100		85-120	%REC		1 06/08/2010 19:54	52153
Surrogate: Bromofluorobenzene	97.9		75-120	%REC		1 06/08/2010 19:54	52153
SM 4500 H+ B -- pH VALUE							SM4500_H+
pH	7.8		1.0	S.U.		1 06/09/2010 14:50	R49733

PRELIMINARY: Here are the preliminary results for your project submitted to Mitkem Laboratories. Please note: Data contained within this report have undergone preliminary review but may be subject to change pending final QA/QC review.

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 - Not Detected outside accepted recovery limits
 L - Value above quantitation range
 RL - Reporting Limit

PRELIMINARY

Attachment D
Summary of Site Utility Costs and Projections
January to December 2010

Mr. C's Dry Cleaners Site - Remedial Treatment Utility Cost		Budget Remaining:		Electric:	\$21,067.30	ATTACHMENT D
NYSDEC Work Assignment #DC13				Telephone:	\$449.58	
12 Months of System Operation and Maintenance				Gas	\$253.11	
May 2010 Report				Total:	\$21,769.99	
			Capacity	Comments:		
January-10	648	100.00%	21.4%	Cold January		
February-10	696	100.00%	20.7%	Cold February		
March-10	672	100.00%	15.6%	No snow and little rain in March		
April-10	672	100.00%	7.3%	Problems with RW- 1 pump		
May-10	864	94.44%	8.5%			
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	3552	98.65%				
* Percent Capacity is based on initial operating groundwater flows from the eight installed pumps from 9/02. Evaluated on total gallons discharged for 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.						
Monthly Average Costs						Total Gallons
Mr. C's Electric	\$	752.30				322174
Agway Electric	\$	242.80				
Mr. C's Gas	\$	116.72				
Mr. C's Telephone	\$	30.14				
Ave. Utility Cost Total	\$	1,141.96	12 month Estimate		\$14,845.52	