ecology and environment engineering, p.c.
International Specialists in the Environment
BUFFALO CORPORATE CENTER
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Lancaster, New York 14086
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October 7, 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
September 2011 Operations, Maintenance, and Monitoring Report

Dear Mr. Welling:

Ecology and Environment Engineering, P.C. (EEEPC) is pleased to provide the September 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 September 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 9/5, 9/12, 9/20, 9/26, and 10/3 2011.
- Based on the weekly inspection results performed by IEG, the remedial treatment system had a 100.00% operational up-time (Table 1) and the treatment of contaminated groundwater totaling of 196,557 gallons (Table 2) for September 2011.
- Lower groundwater flows this month were attributed to level transducer problems in pumping wells – PW-4 and PW-5 and pump issues in RW-1. Corrective actions are in process and to be completed in October 2011.
- The analytical samples for the monthly compliance were taken on September 7, 2011. The sampling results were received by EEEPC on September 28, 2011.
- Excerpts from the Analytical Data packages for the sampling events are presented in Attachments B.

- A review of the analytical data from September 28, 2011 indicated no non-compliance issues were encountered.
- The analytical results revealed the influent concentration to be 1845.0 µg/L or 1845 ppb, and 0.0 µg/L or 0 ppb of treated effluent. The summary of influent and effluent contaminant concentrations for the September 28, 2011 sampling event is presented in Table 4.
- Overall cleanup efficiency for the contaminants of concern at the site during the reporting / operating period 9/5/11 to 10/3/11 was 100.0%. 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 September 2011 is presented in Table 3.
- The Mr. C's treatment system based on the total monthly flows has effectively removed 3.03 lbs. of targeted contaminants from the groundwater below the site in the month of September 2011. The calculations and data for the month are presented in Table 5.

Agway Site Remedial Information

- No current operational issues.

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

- No current operational issues.
- Reports of analytical results and system operations reports both sites were issued September 12, and 13, 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 September 2011 are provided as Attachment C.

If you have questions regarding the September 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%
February 1, 2011 - March 7, 2011	840	100.00%
March 7, 2011 - March 29, 2011	528	100.00%
March 29, 2011 - May 3, 2011	775	92.26%
May 3, 2011 - May 31, 2011	672	100.00%
May 31, 2011 - July 5, 2011	840	100.00%
July 5, 2011 - July 25, 2011	480	100.00%
July 25, 2011 - September 5, 2011	1008	100.00%
September 5, 2011 - October 3, 2011	672	100.00%
Total Hours from System Startup '2/02'	**77,119.50**	
Average Operational Up-time from startup =		**96.35%**
Average Operational Up-time for 2011 =		**99.00%**

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.

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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]	2/1/11 - 3/7/11	472,292
March 2011[3]	3/7/11 - 3/29/11	345,421
April 2011[3]	3/29/11 - 5/3/11	515,800
May 2011[3]	5/3/11 - 5/31/11	437,681
June 2011[3]	5/31/11 - 7/5/11	538,190
July 2011[3]	7/5/11 - 7/25/11	227,334
August 2011[3]	7/25/11 - 9/5/11	371,276
September 2011[3]	9/5/11 - 10/3/11	196,557
October 2011[3]		
November 2011[3]		
December 2011[3]		
Total Gallons Treated in 2011		**3,473,888**
Total Gallons Treated To Date:		**117,804,899**

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	September 7, 2011 Effluent Analytical Values - Compliance
Flow	N/A	gpd	**7,020**
pH	6.0 - 9.0	standard units	8.30
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	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	ug/L	ND(<1.0)
o-Xylene[2]	5	µg/L	NA
m, p-Xylene[2]	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	530
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 September 5, 2011 through October 3, 2011. Total gallons: 196,557 divided by 28 operating days.
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
September 2011 VOC Analytical Summary

Compound	Based on the 9/28/11 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	100.0		ND (<1.0)	U	100.00%
Methylene chloride	ND (<10.0)	U	ND (<1.0)	U	NA
Methyl tert-butyl ether (MTBE)	15		ND (<1.0)	U	100.00%
Tetrachloroethene	1600.0		ND (<1.0)	U	100.00%
Toluene	ND (<10.0)	U	ND (<1.0)	U	NA
Trichloroethene	130.0		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
Chlorobenzene	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
September 2011 TOTALs (in ug/L) =	**1845.0**		**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

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	1/5/11 - 2/1/11	1035.3	3.81	4.15
February 2011	2/1/11 - 3/7/11	1310.0	0.73	3.03
March 2011	3/7/11 - 3/29/11	1541.0	0.00	4.44
April 2011	3/29/11- 5/3/11	1121.0	0.74	4.82
May 2011	5/3/11 - 5/31/11	785.0	5.20	2.85
June 2011	5/31/11 - 7/5/11	1447.8	3.10	6.49
July 2011	7/5/11 - 7/25/11	1625.3	3.01	3.08
August 2011	7/25/11 - 9/5/11	1330.0	0.97	4.12
September 2011	9/5/11 - 10/3/11	1845.0	0.00	3.03
October 2011				
November 2011				
December 2011				
Total pounds of VOCs removed from inception =				**1,515.65**
Total pounds of VOCs removed in 2011 =				**32.98**

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
September 2011

Including:

9/5/11

9/12/11

9/20/11

9/26/11

10/3/11

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

DATE: 5-Sep-11 ACTIVITIES: Site Inspection

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

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

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

RW-1, PW-4, PW-5 and PW-8 are OFF due to maintenance problems.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: √	OFF:	11 ft	PW-5	ON: √	OFF:	192 ft		
PW-2	ON: √	OFF:	98 ft	PW-6	ON:	OFF:	√	7 ft	
PW-3	ON:	OFF:	√	5 ft	PW-7	ON: √	OFF:	4 ft	
PW-4	ON: √	OFF:	23 ft	PW-8	ON: √	OFF:	17 ft		

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 8/26/11 RW-1 Overload

NOTES:

INFLUENT FLOW RATE: 9 gpm INFLUENT TOTALIZER READING: 8,486,575.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 15 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 25.5 gallons

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

		Top	Bottom		Top	Bottom
BAG FILTER PRESSURES:	LEFT:	35	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: 26.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.032 in. H_2O DISCHARGE PRESSURE: 1.8 in. H_2O

EFFLUENT PUMP IN USE: #1 _____ #2 √ EFFLUENT FEED PUMP PRESSURE: 5.0 psi

EFFLUENT FLOW RATE: _____ gpm EFFLUENT TOTALIZER READING: 65,376,706 | 761980 gallons

ARE BUILDING HEATERS IN USE? YES: _____ NO: √ INSIDE TEMPERATURE (° F): 76

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

5-Sep-11

SAMPLES COLLECTED? YES: √ NO: _____

	Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Cond.
AIR STRIPPER INFLUENT:	INF	9:00 AM	7.17	12.00	17.5	2795
AIR STRIPPER EFFLUENT:	EFF	9:00 AM	8.62	9.07	19.9	2772

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:

PW-4 and PZ-4B have collapsed inner rings.

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

Remarks:

Other Actions: Changed bag filters.

PZ-4B - replaced collapsed inner ring.

AGWAY

SYSTEM VACUUM: -20 in. H_2O *AIR PRESSURE:* 120 psi

SP-1:	0.0	scfm 26.0	psi	SP-5	-----	scfm	----- psi
SP-2:	0.0	scfm > 30	psi	SP-6	-----	scfm	----- psi
SP-3:	0.0	scfm 30.0	psi	SP-7	-----	scfm	----- psi
SP-4:	0.0	scfm > 30	psi	SP-8	-----	scfm	----- psi

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

Remarks: SVE vacuum drum is dry.

Recommend leveling shed.

Other Actions:

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

DATE: 12-Sep-11 ACTIVITIES: Site Inspection

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

WEATHER CONDITIONS: Partly cloudy, warm OUTSIDE TEMPERATURE (° F): 70

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

RW-1, PW-4, PW-5 and PW-8 are OFF due to maintenance problems.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: √	OFF:	11 ft	PW-5	ON: √	OFF:	198 ft		
PW-2	ON: √	OFF:	21 ft	PW-6	ON:	OFF:	√	7 ft	
PW-3	ON:	OFF:	√	4 ft	PW-7	ON: √	OFF:	6 ft	
PW-4	ON: √	OFF:	17 ft	PW-8	ON: √	OFF:	12 ft		

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 9/5/11 Air Stripper Low Level

NOTES: PW-8 remains ON at a steady level 4.

INFLUENT FLOW RATE: 6 gpm INFLUENT TOTALIZER READING: 8,558,631.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 3 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 5 gallons

SEQUESTERING AGENT FEED RATE: 7.0 ml/min METERING PUMP PRESSURE: 3.0 psi

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

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

AIR STRIPPER BLOWER IN USE: #1 √ #2 _____ AIR STRIPPER PRESSURE: 30.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.03 in. H_2O DISCHARGE PRESSURE: 1.7 in. H_2O

EFFLUENT PUMP IN USE: #1 _____ #2 √ EFFLUENT FEED PUMP PRESSURE: 5.0 psi

EFFLUENT FLOW RATE: 114 gpm EFFLUENT TOTALIZER READING: 65,418,576 | 804370 gallons

ARE BUILDING HEATERS IN USE? YES: _____ NO: √ INSIDE TEMPERATURE (° F): 78

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

12-Sep-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:

PW-4 has collapsed inner ring.

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

Remarks:

Other Actions: PZ-4B - applied Sakrete asphalt patch up to grade.

Switched Redux pickup to new drum. Have (2) full drums.

AGWAY

SYSTEM VACUUM: -20 in. H_2O *AIR PRESSURE:* 100 psi

SP-1:	0.0 scfm	26.5 psi		SP-5	----- scfm	----- psi	
SP-2:	0.0 scfm	> 30 psi		SP-6	----- scfm	----- psi	
SP-3:	0.0 scfm	30.0 psi		SP-7	----- scfm	----- psi	
SP-4:	0.0 scfm	> 30 psi		SP-8	----- scfm	----- psi	

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

Remarks: SVE vacuum drum is dry.

Bank 2 is OFF due to maintenance problem. Replaced Bank 2 timer motor.

Other Actions:

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

DATE: 20-Sep-11 ACTIVITIES: Site Inspection

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

WEATHER CONDITIONS: Partly cloudy, warm OUTSIDE TEMPERATURE (° F): 65

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

RW-1, PW-4 and PW-5 are OFF due to maintenance problems.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: √	OFF:	11 ft	PW-5	ON: √	OFF:	183 ft		
PW-2	ON: √	OFF:	23 ft	PW-6	ON:	OFF:	√	5 ft	
PW-3	ON: √	OFF:	28 ft	PW-7	ON: √	OFF:	4 ft		
PW-4	ON: √	OFF:	16 ft	PW-8	ON: √	OFF:	5 ft		

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 9/5/11 Air Stripper Low Level

NOTES:

INFLUENT FLOW RATE: 10 gpm INFLUENT TOTALIZER READING: 8,662,929.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 26 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 44 gallons

SEQUESTERING AGENT FEED RATE: 4.0 ml/min METERING PUMP PRESSURE: 3.0 psi

	Top	Bottom		Top	Bottom	
BAG FILTER PRESSURES: LEFT:	24	0	psi	RIGHT: 29	0	psi

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

AIR STRIPPER BLOWER IN USE: #1 √ #2 ____ AIR STRIPPER PRESSURE: 33.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.026 in. H_2O DISCHARGE PRESSURE: 1.4 in. H_2O

EFFLUENT PUMP IN USE: #1 ____ #2 √ EFFLUENT FEED PUMP PRESSURE: 4.5 psi

EFFLUENT FLOW RATE: 116 gpm EFFLUENT TOTALIZER READING: 65,479,660 | 866020 gallons

ARE BUILDING HEATERS IN USE? YES: ____ NO: √ INSIDE TEMPERATURE (° F): 78

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

20-Sep-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:

PW-4 has a collapsed inner ring.

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

Remarks: Sent Lab Samples: (2) Influent HCL vials; (2) Effluent HCL vials.

Other Actions: Increased Redux pump slightly to: Left 2.5; Right 1.5.

AGWAY

SYSTEM VACUUM: -21 in. H_2O *AIR PRESSURE:* 60 psi

SP-1:	0.0	scfm 26.0	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 30.0	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.

Other Actions:

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

DATE: 26-Sep-11 ACTIVITIES: Site Inspection

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

WEATHER CONDITIONS: Sunny, warm OUTSIDE TEMPERATURE (° F): 79

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

RW-1, PW-4 and PW-5 are OFF due to maintenance problems.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: √	OFF:	11 ft	PW-5	ON: √	OFF:	181 ft		
PW-2	ON:	OFF: √	65519 ft	PW-6	ON: √	OFF:	5 ft		
PW-3	ON: √	OFF:	32 ft	PW-7	ON: √	OFF:	7 ft		
PW-4	ON: √	OFF:	20 ft	PW-8	ON: √	OFF:	7 ft		

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 9/5/11 Air Stripper Low Level

NOTES: PW-7 and PW-8 remain ON at a steady level 6 or 7.

INFLUENT FLOW RATE: 8 gpm INFLUENT TOTALIZER READING: 8,736,664.0 gallons

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

SEQUESTERING AGENT FEED RATE: 4.0 ml/min METERING PUMP PRESSURE: 2.0 psi

BAG FILTER PRESSURES: LEFT: Top 38 | Bottom 0 psi RIGHT: Top 45 | Bottom 0 psi

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

AIR STRIPPER BLOWER IN USE: #1 √ #2 ____ AIR STRIPPER PRESSURE: 35.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.026 in. H_2O DISCHARGE PRESSURE: 1.2 in. H_2O

EFFLUENT PUMP IN USE: #1 ____ #2 √ EFFLUENT FEED PUMP PRESSURE: 4.0 psi

EFFLUENT FLOW RATE: 108 gpm EFFLUENT TOTALIZER READING: 65,523,443 | 910090 gallons

ARE BUILDING HEATERS IN USE? YES: ____ NO: √ INSIDE TEMPERATURE (° F): 88

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

26-Sep-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:

PW-4 has a collapsed inner ring

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

Remarks:

Other Actions: Changed bag filters.

Cleaned Air Stripper through port access with steel brushes.

AGWAY

SYSTEM VACUUM: -20 in. H_2O *AIR PRESSURE:* 105 psi

SP-1:	0.0	scfm 26.0	psi	SP-5	0.0	scfm 28.0	psi
SP-2:	0.0	scfm > 30	psi	SP-6	0.0	scfm 30.0	psi
SP-3:	0.0	scfm 30.0	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.

Other Actions:

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

DATE: 3-Oct-11 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen OTHER PERSONNEL:

WEATHER CONDITIONS: Partly cloudy, warm OUTSIDE TEMPERATURE (° F): 66

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

RW-1, PW-4 and PW-5 are OFF due to maintenance problems.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: √	OFF: 11 ft		PW-5	ON: √	OFF: 180 ft		
PW-2	ON: √	OFF: 103 ft		PW-6	ON:	OFF: √	4 ft	
PW-3	ON: √	OFF: 31 ft		PW-7	ON:	OFF: √	7 ft	
PW-4	ON: √	OFF: 22 ft		PW-8	ON: √	OFF:	4 ft	

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 9/26/11 Air Stripper Low Level

NOTES:

INFLUENT FLOW RATE: 8 gpm INFLUENT TOTALIZER READING: 8,819,812.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 12 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 20.5 gallons

SEQUESTERING AGENT FEED RATE: 6.0 ml/min METERING PUMP PRESSURE: 3.0 psi

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

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

AIR STRIPPER BLOWER IN USE: #1 √ #2 AIR STRIPPER PRESSURE: 19.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.032 in. H_2O DISCHARGE PRESSURE: 2.2 in. H_2O

EFFLUENT PUMP IN USE: #1 #2 √ EFFLUENT FEED PUMP PRESSURE: 5.0 psi

EFFLUENT FLOW RATE: 114 gpm EFFLUENT TOTALIZER READING: 65,573,263 | 960670 gallons

ARE BUILDING HEATERS IN USE? YES: NO: √ INSIDE TEMPERATURE (° F): 72

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

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

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

3-Oct-11

SAMPLES COLLECTED? YES: √ NO: _____

	Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Cond.
AIR STRIPPER INFLUENT:	INF	1:00 PM	7.22	10.13	15.7	2559
AIR STRIPPER EFFLUENT:	EFF	1:00 PM	8.61	9.44	17.3	2608

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:

PW-4 has collapsed inner ring.

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

Remarks:

Other Actions:

AGWAY

SYSTEM VACUUM: -21 in. H_2O *AIR PRESSURE:* 70 psi

SP-1:	0.0 scfm	26.0 psi		SP-5	0.0 scfm	28.5 psi	
SP-2:	0.0 scfm	> 30 psi		SP-6	0.0 scfm	30.0 psi	
SP-3:	0.0 scfm	30.0 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: Drained (3) gals from SVE drum.

Other Actions:

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

OM&M: PIEZOMETER WATER LEVEL LOG

Date: 28-Sep-11 **Measurements taken by:** R. Allen

RW-1	13.90 ft	Comments:	
PZ-1A	11.67 ft	Comments:	
PZ-1B	20.15 ft	Comments:	
PZ-1C	12.65 ft	Comments:	
PZ-1D	12.81 ft	Comments:	
PW-2	26.70 ft	Comments:	
PZ-2A	26.67 ft	Comments:	
PZ-2B	11.69 ft	Comments:	
PZ-2C	11.12 ft	Comments:	
MW-7	11.66 ft	Comments:	Substitute for 2D
PW-3	27.30 ft	Comments:	
PZ-3A	11.72 ft	Comments:	
PZ-3B	11.85 ft	Comments:	
PZ-3C	12.34 ft	Comments:	
PZ-3D	11.84 ft	Comments:	
PW-4	----- ft	Comments:	collapsed ring
PZ-4A	11.65 ft	Comments:	
PZ-4B	19.05 ft	Comments:	
PZ-4C	----- ft	Comments:	sealed over
PZ-4D	10.74 ft	Comments:	

PW-5	19.00 ft	Comments:	
PZ-5A	11.13 ft	Comments:	
PZ-5B	11.12 ft	Comments:	
PZ-5C	10.70 ft	Comments:	
PZ-5D	11.56 ft	Comments:	
PW-6	19.30 ft	Comments:	
PZ-6A	12.12 ft	Comments:	
PZ-6B	11.98 ft	Comments:	
PZ-6C	12.15 ft	Comments:	
PZ-6D	15.63 ft	Comments:	Shown as RW-2 on map
PW-7	17.60 ft	Comments:	
MPI-6S	11.58 ft	Comments:	
PZ-7B	11.94 ft	Comments:	
OW-B	20.05 ft	Comments:	
PZ-7D	11.52 ft	Comments:	
PW-8	18.30 ft	Comments:	
PZ-8A	8.68 ft	Comments:	
PZ-8B	8.68 ft	Comments:	
PZ-8C	8.50 ft	Comments:	
PZ-8D	8.09 ft	Comments:	

PUMPS IN OPERATION DURING MEASUREMENTS

RW-1 pump on?		Yes	√	No	PW-5 pump on?		Yes	√	No
PW-2 pump on?	√	Yes		No	PW-6 pump on?	√	Yes		No
PW-3 pump on?	√	Yes		No	PW-7 pump on?		Yes	√	No
PW-4 pump on?		Yes		No	PW-8 pump on?		Yes	√	No

MR. C's DRY CLEANERS SITE
NYSDEC Site #9-15-157
OM&M: PIEZOMETER WATER LEVEL LOG

Date: 28-Sep-11 **Measurements taken by:** R. Allen

RW-1	13.90 ft	Comments:	
PZ-1A	11.67 ft	Comments:	
PZ-1B	20.15 ft	Comments:	
PZ-1C	12.65 ft	Comments:	
PZ-1D	12.81 ft	Comments:	
PW-2	26.70 ft	Comments:	
PZ-2A	26.67 ft	Comments:	
PZ-2B	11.69 ft	Comments:	
PZ-2C	11.12 ft	Comments:	
MW-7	11.66 ft	Comments:	Substitute for 2D
PW-3	27.30 ft	Comments:	
PZ-3A	11.72 ft	Comments:	
PZ-3B	11.85 ft	Comments:	
PZ-3C	12.34 ft	Comments:	
PZ-3D	11.84 ft	Comments:	
PW-4	----- ft	Comments:	collapsed ring
PZ-4A	11.65 ft	Comments:	
PZ-4B	19.05 ft	Comments:	
PZ-4C	----- ft	Comments:	sealed over
PZ-4D	10.74 ft	Comments:	

PW-5	19.00 ft	Comments:	
PZ-5A	11.13 ft	Comments:	
PZ-5B	11.12 ft	Comments:	
PZ-5C	10.70 ft	Comments:	
PZ-5D	11.56 ft	Comments:	
PW-6	19.30 ft	Comments:	
PZ-6A	12.12 ft	Comments:	
PZ-6B	11.98 ft	Comments:	
PZ-6C	12.15 ft	Comments:	
PZ-6D	15.63 ft	Comments:	Shown as RW-2 on map
PW-7	17.60 ft	Comments:	
MPI-6S	11.58 ft	Comments:	
PZ-7B	11.94 ft	Comments:	
OW-B	20.05 ft	Comments:	
PZ-7D	11.52 ft	Comments:	
PW-8	18.30 ft	Comments:	
PZ-8A	8.68 ft	Comments:	
PZ-8B	8.68 ft	Comments:	
PZ-8C	8.50 ft	Comments:	
PZ-8D	8.09 ft	Comments:	

PUMPS IN OPERATION DURING MEASUREMENTS

RW-1 pump on?		Yes	√	No	PW-5 pump on?		Yes	√	No
PW-2 pump on?	√	Yes		No	PW-6 pump on?	√	Yes		No
PW-3 pump on?	√	Yes		No	PW-7 pump on?		Yes	√	No
PW-4 pump on?		Yes		No	PW-8 pump on?		Yes	√	No

Mr. C's CLEANERS OM&M

SUMMARY OF FIELD ACTIVITIES BY IEG - 09/2011

DATE	ACTIVITY
5-Sep	Weekly Inspection. Clean Treatment Room. Change bag filters. PZ-4B - prepare to replace inner ring.
6-Sep	PZ-4B - mobilize equipment, remove old ring and install new ring. OM&M office work.
7-Sep	Sampling and PZ-4B inspection.
8-Sep	End of month summaries. PZ-4B inspection and add additional traffic barrier.
12-Sep	OM&M Weekly Inspection and office work. PZ-4B -Add cold patch around well. Get supplies.
14-Sep	Switched Redux pickup to new drum. PZ-4B - picked up traffic cones. Bank 2 Timer - replaced timer motor.
20-Sep	OM&M Weekly Inspection and office work. Get supplies.
26-Sep	OM&M Weekly Inspection. Changed bag filters.
27-Sep	OM&M office work.
28-Sep	Piezometer Readings and office work.
29-Sep	Air Stripper - cleaned through access ports with steel brushes. Poured old Redux drum into present drum.

Mr. C's CLEANERS OM&M
SUMMARY OF FIELD ACTIVITIES BY IEG - 09/2011

ACTIVITY	DESCRIPTION	COMPLETION DATE/STATUS
Replace faulty Redux valve	Redux ball valve above influent pipe is leaking. Replaced with a chemical resistant ball valve.	Jun-11
PW-8 Well Pump not cycling down	Well pump stays on & GW level does not drop; horizontal line may be plugged. Inspected & cleaned pump & transducer. Purged horizontal line. Replaced pump.	Aug-11
PW-7 Well needs cleanout	PW-7 needs a horizontal line purge and well purge after PW-8 receives its purges.	Aug-11
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
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
Repair PW-5	PW-5 triggered an Autodialer overload alarm. Inspect, purge well, clean pump, plastic pipe and transducer. Trouble shoot.	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
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 Air Stripper Exhaust	Present Air Stripper exhaust is very heavy and leaks moisture. Replace with lighter system.	in progress
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
PW-5 Well Pump not cycling down	The well pump stays on after the water level drops. Transducer could be bad. Inspect and clean well pump and transducer.	in progress
PZ-4B Repair	Corroded inner ring cause collapse of top cover. Replace inneer ring.	in progress
Repair Blower #2	Determined that bearing is failing in Air Stripper Blower Motor. Removed motor and take to repair shop. Reinstalled motor.	in progress
Bank 2 Timer is defective	The Bank 2 Timer inside the Agway Shed stopped working. Dismantle Timer and take for repair or replace defective parts.	in progress
Agway Shed is unlevel	Agway Shed has sunk down at the southwest corner making the alignment of the door handles poor. Raise and shim the shed floor as needed.	in progress
PW-2 & PW3 level	Water level reading is high. Inspect transducer and make necessary repairs	in progress
PW-7 pitless adapter	Pitless adapter does not seal well. Repair or replacer pitless adapter	in progress
PW-8 pitless adapter	Pitless adapter feels brokent/does not seal well. Repair/replace pitless adapter	in progress

Mr. C's CLEANERS OM&M

SUMMARY OF WATER PUMP MAINTENANCE BY IEG - 2011

as of Sep 11

ID	CLEAN & INSPECT PUMP	REPLACED PUMP	REPAIR PUMP	PITLESS ADAPTER	HORIZONTAL PIPE	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				Mar-11		Sep-09			
PW - 6	Jul-09	Jun 08, Jul 09			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, Aug 11	Nov 07, Jul 09, Oct 10			Pipe 8/09	Aug 09, May 10, Oct 10, Aug 11			Aug 09, May 10, Aug 11		
PW - 8	Aug 09, May 10, Aug 11	Jul 08, Sep 09, Aug 11			Pipe 8/09	Aug 09, May 10, Aug 11			Aug 09, May 10, Aug 11		

Attachment B
Analytical Report from
Mitkem Laboratories

Analytical Data Package Work Order ID: K1374
Sampled: September 7, 2011
Received: September 28, 2011

Report Date:
28-Sep-11 14:54

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

Laboratory Report

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

Work Order: K1669
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
K1669-01	INFLUENT	Aqueous	07-Sep-11 09:30	08-Sep-11 09:04
K1669-02	EFFLUENT	Aqueous	07-Sep-11 10:00	08-Sep-11 09:04

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. The results relate only to the samples(s) as received. 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.

Spectrum Analytical (Rhode Island) 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 on 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
USDA	P330-08-00023
USEPA - ISM	EP-W-09-039
USEPA - SOM	EP-W-11-033

LABORATORY ACCREDITATION BUREAU ACCREDITED
Certificate # L2247 Testing

Authorized by:

Yihai Ding
Laboratory Director

Sample Transmittal Documentation

MITKEM LABORATORIES
A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

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

Telephone # (716) 684-8060
Project Mgr.: Mike Steffan

Invoice To: E & E, Inc

P.O. No.: _____ RQN: _____

Project No.: _____
Site Name: MrCs OM&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=_____

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: K1669	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	List preservative code below:	Analyses: pH	Hardness	VOC						Notes:
										-	4	2							
1	INFLUENT	Sep 7, 2011	9:30 A	G	GW				1		✓								NOTE: (1) of the 250 ml bottles came with a HNO_3 sticker on. Neither of the 500 ml bottles had a HNO_3 sticker on them. The 250 ml bottles were dry. The 500 ml bottles both had liquid.
1	INFLUENT		9:30 A	G	GW				1			✓							
1	INFLUENT		9:30 A	G	GW	2							✓						
2	EFFLUENT		10:00 A	G	GW				1		✓								
2	EFFLUENT		10:00 A	G	GW				1			✓							
2	EFFLUENT		10:00 A	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 m.steffan@ene.com
EDD Format PDF

Condition upon receipt: ☑ Iced ☐ Ambient ☑ °C 5°C

Relinquished by:	Received by:	Date:	Time:
Richard C Allen Jr			
FedEx	Dawn McKeon	9-8-11	9:04

3

SPECTRUM ANALYTICAL, INC. RI DIVISION

Sample Condition Form

Received By: Daniel Nolan | Reviewed By: CAH | Date: 9-8-11 | Spectrum RI Work Order #: K1669

Client Project: MRC's | Client: EA&E

1) Cooler Sealed — Yes / No

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

3) Custody Seal Number(s) NA

4) Chain-of-Custody — Present / Absent

5) Cooler Temperature 5°C
IR Temp Gun ID M7-1
Coolant Condition Iced

6) Airbill(s) — Present / Absent
Airbill Number(s) FedEx 7974 8980 1116

7) Samples Bottles — Intact / Broken / Leaking

8) Date Received 9-8-11

9) Time Received 9:04

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"
K1669	01	<2					H	
K1669	02	<2					H	

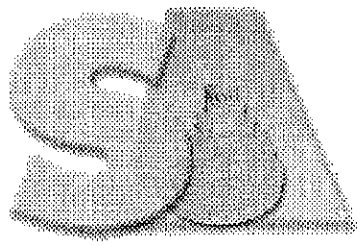
DLM 9-8-11

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

Rad OK yes / no

Form ID: QAF.0006



SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

* Volatiles *

REPORT NARRATIVE

Spectrum Analytical, Inc. Featuring Hanibal Technology, RI Division.

Client : Ecology and Environment Engineering P.C.

Project: Mr. C's Dry Cleaning

Laboratory Workorder / SDG #: K1669

SW846 8260C, VOC by GC-MS

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: SW5030

V. INSTRUMENTATION

The following instrumentation was used

Instrument Code: V6
Instrument Type: GCMS-VOA
Description: HP6890 / HP5973
Manufacturer: Hewlett-Packard
Model: 6890 / 5973

VI. ANALYSIS

A. Calibration:

Calibrations met the method/SOP acceptance criteria.

B. Blanks:

All method blanks were within the acceptance criteria.

C. Surrogates:

Surrogate standard percent recoveries were within the QC limits.

D. Laboratory Control Spikes (LCS):

Percent recoveries for lab control samples were within the QC limits.

E. Internal Standards:

Internal standard peak areas were within the QC limits.

F. Dilutions:

The following samples were analyzed at dilution:

INFLUENT (K1669-01A) : Dilution Factor: 10

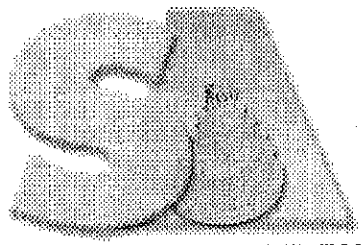
G. Samples:

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 Spectrum, 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:_____9/28/11_____



Data Flag/Qualifiers:

U — Not Detected. This compound was analyzed-for but not detected. For most analyses the reporting limit (lowest standard concentration) is the value listed. For Department of Defense programs, this is the Limit of Detection (LOD).

J — This flag indicates an estimated value due to either
- the compound was detected below the reporting limit, or
- estimated concentration for Tentatively Identified Compound

B — This flag indicates the compound was also detected in the associated Method Blank. The B flag has an alternative meaning for Inorganics analyses reported using CLP ILM-type metals forms, indicating a "trace" concentration below the reporting limit and equal to or above the detection limit.

D — For Organics analysis, this flag indicates the compound concentration was obtained from a secondary dilution analysis

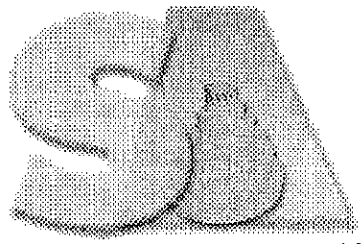
E — This flag indicates the compound concentration exceeded the Calibration Range. The E flag has an alternative meaning for Inorganics analyses reported using CLP metals forms, indicating an estimated concentration due to the presence of interferences, as determined by the serial dilution analysis.

P — This flag is used for pesticides/PCB/herbicide compound when there is a greater than 40% difference for detected concentration between the two GC columns used for primary and confirmation analyses. This difference typically indicates an interference, causing one value to be unusually high. The **lower** of the two values is generally reported on the Form 1, and both values reported on the Form 10.

A — Used to flag semivolatile organic Tentatively Identified Compound library search results for compounds identified as aldol condensation byproducts.

N — Used to flag results for volatile and semivolatile Organics analysis Tentatively Identified Compounds where an analyte has passed the identification criteria, and is considered to be positively identified. For Inorganics analysis the N flag indicates the matrix spike recovery falls outside of the control limit.

* — For Inorganics analysis the * flag indicates Relative Percent Difference for duplicate analyses is outside of the control limit.



Sample ID Suffixes

DL Diluted analysis. The sample was diluted and reanalyzed. The DL may be followed by a digit if more than one diluted reanalysis is provided. The DL suffix is not attached to an analysis initially performed at dilution, only to reanalyses performed at dilution

RE Reanalysis. Appended to the client sample ID to indicate a reextraction and reanalysis or a reanalysis of the original sample extract.

RA Reanalysis. Appended to the laboratory sample ID indicates a reanalysis of the original sample extract.

RX Reextraction. Appended to the laboratory sample ID indicates a reextraction of the sample.

MS Matrix Spike.

MSD Matrix Spike Duplicate

DUP Duplicate analysis

SD Serial Dilution

PS Post-digestion or Post-distillation spike. For metals or inorganic analyses

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

INFLUENT

Lab Name: SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: MITKEM Case No.: K1669 Mod. Ref No.: SDG No.: SK1669

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: K1669-01A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V6I2559.D

Level: (TRACE/LOW/MED) LOW Date Received: 09/08/2011

% Moisture: not dec. Date Analyzed: 09/12/2011

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	15	
75-34-3	1,1-Dichloroethane	10	U
78-93-3	2-Butanone	50	U
156-59-2	cis-1,2-Dichloroethene	100	
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	130	
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	1600	
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

EPA SAMPLE NO.

INFLUENT

Lab Name: SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: MITKEM Case No.: K1669 Mod. Ref No.: SDG No.: SK1669

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: K1669-01A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V6I2559.D

Level: (TRACE/LOW/MED) LOW Date Received: 09/08/2011

% Moisture: not dec. Date Analyzed: 09/12/2011

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

EPA SAMPLE NO.

EFFLUENT

Lab Name: SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: MITKEM Case No.: K1669 Mod. Ref No.: SDG No.: SK1669

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: K1669-02A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V6I2551.D

Level: (TRACE/LOW/MED) LOW Date Received: 09/08/2011

% Moisture: not dec. Date Analyzed: 09/12/2011

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	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	1.0	U
79-01-6	Trichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	1.0	U
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

EPA SAMPLE NO.

EFFLUENT

Lab Name: SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: MITKEM Case No.: K1669 Mod. Ref No.: SDG No.: SK1669

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: K1669-02A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V6I2551.D

Level: (TRACE/LOW/MED) LOW Date Received: 09/08/2011

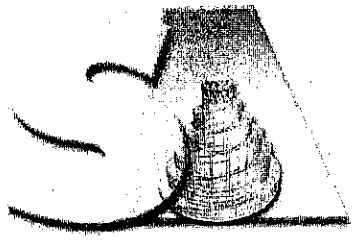
% Moisture: not dec. Date Analyzed: 09/12/2011

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



SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

* Wet Chemistry *

175 Metro Center Boulevard · Warwick, RI 02886-1755 · 401-732-3400 · FAX 401-732-3499
www.spectrum-analytical.com

REPORT NARRATIVE

Spectrum Analytical, Inc. Featuring Hanibal Technology, RI Division.

Client : Ecology and Environment Engineering P.C.

Project: Mr. C's Dry Cleaning

Laboratory Workorder / SDG #: K1669

SM 2340B, 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 code: SM 2340B, SM 4500 H+ B

IV. PREPARATION

Aqueous Samples were prepared following procedures in laboratory test code: SW3005

V. INSTRUMENTATION

The following instrumentation was used to perform

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. 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 Spectrum, 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:_____9/28/11_____

Data Flag/Qualifiers:

U Not Detected. This compound was analyzed-for but not detected. For most analyses the reporting limit (lowest standard concentration) is the value listed. For Department of Defense programs, this is the Limit of Detection (LOD).

J This flag indicates an estimated value due to either
- the compound was detected below the reporting limit, or
- estimated concentration for Tentatively Identified Compound

B This flag indicates the compound was also detected in the associated Method Blank. The B flag has an alternative meaning for Inorganics analyses reported using CLP ILM-type metals forms, indicating a "trace" concentration below the reporting limit and equal to or above the detection limit.

D For Organics analysis, this flag indicates the compound concentration was obtained from a secondary dilution analysis

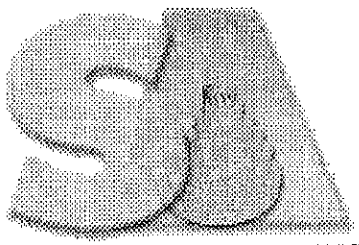
E This flag indicates the compound concentration exceeded the Calibration Range. The E flag has an alternative meaning for Inorganics analyses reported using CLP metals forms, indicating an estimated concentration due to the presence of interferences, as determined by the serial dilution analysis.

P This flag is used for pesticides/PCB/herbicide compound when there is a greater than 40% difference for detected concentration between the two GC columns used for primary and confirmation analyses. This difference typically indicates an interference, causing one value to be unusually high. The **lower** of the two values is generally reported on the Form 1, and both values reported on the Form 10.

A Used to flag semivolatile organic Tentatively Identified Compound library search results for compounds identified as aldol condensation byproducts.

N Used to flag results for volatile and semivolatile Organics analysis Tentatively Identified Compounds where an analyte has passed the identification criteria, and is considered to be positively identified. For Inorganics analysis the N flag indicates the matrix spike recovery falls outside of the control limit.

* For Inorganics analysis the * flag indicates Relative Percent Difference for duplicate analyses is outside of the control limit.



Sample ID Suffixes

DL Diluted analysis. The sample was diluted and reanalyzed. The DL may be followed by a digit if more than one diluted reanalysis is provided. The DL suffix is not attached to an analysis initially performed at dilution, only to reanalyses performed at dilution

RE Reanalysis. Appended to the client sample ID to indicate a reextraction and reanalysis or a reanalysis of the original sample extract.

RA Reanalysis. Appended to the laboratory sample ID indicates a reanalysis of the original sample extract.

RX Reextraction. Appended to the laboratory sample ID indicates a reextraction of the sample.

MS Matrix Spike.

MSD Matrix Spike Duplicate

DUP Duplicate analysis

SD Serial Dilution

PS Post-digestion or Post-distillation spike. For metals or inorganic analyses

Spectrum Analytical, Inc. Featuring Hanibal Technology -- Rhode Island Division

09/23/2011

Client: Ecology and Environment Engineering P.C.
Client Sample ID: INFLUENT
Lab ID: K1669-01

Project: Mr. C's Dry Cleaning
Collection Date: 09/07/11 9:30

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SM 2340B -- HARDNESS by Calculation							**SM2340_W**
Hardness, Ca/Mg (As CaCO3)	520		4.0	mg/L CaCO3	1	09/15/2011 9:03	61528
SM 4500 H+ B -- pH VALUE							**SM4500_H+**
pH	6.9		1.0	S.U.	1	09/08/2011 11:55	R61163

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

Spectrum Analytical, Inc. Featuring Hanibal Technology -- Rhode Island Division *09/23/2011*

Client: Ecology and Environment Engineering P.C.
Client Sample ID: EFFLUENT
Lab ID: K1669-02
Project: Mr. C's Dry Cleaning
Collection Date: 09/07/11 10:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SM 2340B -- HARDNESS by Calculation							**SM2340_W**
Hardness, Ca/Mg (As CaCO3)	530		4.0	mg/L CaCO3	1	09/15/2011 9:06	61528
SM 4500 H+ B -- pH VALUE							**SM4500_H+**
pH	8.3		1.0	S.U.	1	09/08/2011 11:57	R61163

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

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

September 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. 01	Mr. C's Electric Costs	$1,685.72	$ 1,672.70	$ 1,185.19	$ 1,144.38	$ 1,187.40	$ 1,112.33			
New York State E&G	76-311-11-015900-18		Agway Site - Electric			$496.68		$401.59				
National Fuel Gas	5819628-05	002700.DC13.02.01. 01	Mr. C's Natural Gas Costs	$147.49	$ 485.43	$ 207.47		$ 104.35				
			Totals	$ 1,833.21	$ 2,158.13	$ 1,889.34	$ 1,144.38	$ 1,693.34	$ 1,112.33			
				Jul-2011	Aug-2011	Sep-2011	Oct-2011	Nov-2011	Dec-2011			Ave. /Month
			Mr. C's Electric Costs	$1,294.54	$ 1,075.90	$ 1,075.90						$ 1,270.45
			Agway Electric	$348.15		$395.33						$ 410.44
			Mr. C's Natural Gas Costs			$ 13.57						$ 191.66
			Totals	$1,642.69	$ 1,075.90	$ 1,484.80	$ -	$ -	$ -			$ 1,872.55
			Electric (Both sites)		$13,075.81		Notes:					
			Natural Gas		$ 958.31			Overbilled natural gas costs - no charges				
		Grand Total - NYSE&G/National Fuel Gas Costs To Date		$	14,034.12			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. 01	Mr. C's Telephone Costs	$ 31.01	$ 31.40			$ 31.16	$ 36.10			
Account #												
716 652 0094 416 26 2												
				Jul-2011	Aug-2011	Sep-2011	Oct-2011	Nov-2011	Dec-2011			Ave./Month
												$ 32.42
		Grand Total - Verizon Costs to Date		$	129.67							
		Grand Total All Utilities To Date		$	14,163.79							