ecology and environment engineering, p.c.
International Specialists in the Environment
BUFFALO CORPORATE CENTER
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September 9, 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
August 2011 Operations, Maintenance, and Monitoring Report

Dear Mr. Welling:

Ecology and Environment Engineering, P.C. (EEEPC) is pleased to provide the August 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 August 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 7/25, 8/3, 8/9, 8/17, 8/22, 8/29, and 9/5, 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 371,276 gallons (Table 2) for August 2011.
- The analytical samples for the monthly compliance were taken on August 3, 2011. The sampling results were received by EEEPC on August 23, 2011.
- Excerpts from the Analytical Data packages for the sampling events are presented in Attachments B.

- A review of the analytical data from August 3, 2011 indicated no non-compliance issues were encountered.
- The analytical results revealed the influent concentration to be 1330 µg/L or 1330 ppb, and 0.97 µg/L or 0/97 ppb of treated effluent. The summary of influent and effluent contaminant concentrations for the August 3, 2011 sampling event is presented in Table 4.
- Overall cleanup efficiency for the contaminants of concern at the site during the reporting / operating period 7/25/11 to 9/5/11 was 99.93%. 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 August 2011 is presented in Table 3.
- The Mr. C's treatment system based on the total monthly flows has effectively removed 4.12 lbs. of targeted contaminants from the groundwater below the site in the month of August 2011. The calculations and data for the month are presented in Table 5.

Agway Site Remedial Information

- No current operational issues.
- Report of emissions on the Agway system to be submitted September 2011.

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

- No current operational issues.
- Reports of analytical results and system operations to be issued in September 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 August 2011 are provided as Attachment C.

If you have questions regarding the August 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%
Total Hours from System Startup '2/02'	**76,447.50**	
Average Operational Up-time from startup =		**96.32%**
Average Operational Up-time for 2011 =		**98.89%**

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]		
October 2011[3]		
November 2011[3]		
December 2011[3]		
	Total Gallons Treated in 2011	**3,277,331**
	Total Gallons Treated To Date:	**117,608,342**

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	August 3, 2011 - Effluent Analytical Values - Compliance?
Flow	N/A	gpd	8,840
pH	6.0 - 9.0	standard units	8.50
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[2]
Aluminum	4,000	µg/L	NA[2]
Copper	48	µg/L	NA[2]
Lead	11	µg/L	NA[2]
Manganese	2,000	µg/L	NA[2]
Silver	100	µg/L	NA[2]
Vanadium	28	µg/L	NA[2]
Zinc	230	µg/L	NA[2]
Total Dissolved Solids	850	mg/L	NA[2]
Total Suspended Solids	20	mg/L	NA[2]
Hardness	N/A	mg/L	490
Cyanide, Free	10	µg/L	NA[2]

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 July 25, 2011 through September 5, 2011. Total gallons: 371,276 divided by 42 operating days.
7. "J" indicates an estimated value below the detection limit.
8. "B" indicates analyte found in the associated blank.

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
August 2011 VOC Analytical Summary

Compound	Based on the 8/3/11 Effluent Sampling Results				
	Influent Concentration* (ug/L)		Effluent Concentration* (ug/L)		Cleanup Efficiency** (%)
Acetone	ND (<50.0)	U	ND (<5.0)	J	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	49.0		ND (<1.0)	U	100.00%
Methylene chloride	ND (<10.0)	U	ND (<1.0)	U	NA
Methyl tert-butyl ether (MTBE)	11		ND (<1.0)	U	100.00%
Tetrachloroethene	1200.0		0.97	J	100.00%
Toluene	ND (<10.0)	U	ND (<1.0)	U	NA
Trichloroethene	70.0		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)	J	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
August 2011 TOTALs (in ug/L) =	**1330.0**		**0.97**		**99.93%**

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	4.12
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				
October 2011				
November 2011				
December 2011				
Total pounds of VOCs removed from inception =				1,513.71
Total pounds of VOCs removed in 2011 =				34.07

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.

CONVERSIONS:

1 pound = 453.5924 grams

1 gallon = 3.785 liters

<u>Based on the Analytical Results from Each Month:</u>

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
August 2011

Including:

7/25/11

8/3/11

8/9/11

8/17/11

8/22/11

8/29/11

9/5/11

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

DATE: 25-Jul-11 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen OTHER PERSONNEL: ____

WEATHER CONDITIONS: Partly cloudy, warm OUTSIDE TEMPERATURE (°F): 78

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

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

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: ____	OFF: √	8 ft	PW-5	ON: √	OFF: ____	30 ft
PW-2	ON: ____	OFF: √	7 ft	PW-6	ON: ____	OFF: √	3 ft
PW-3	ON: ____	OFF: √	7 ft	PW-7	ON: √	OFF: ____	6 ft
PW-4	ON: √	OFF: ____	21 ft	PW-8	ON: √	OFF: ____	18 ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 7/23/11 PW-5 Overload

NOTES: ____

INFLUENT FLOW RATE: 42 gpm INFLUENT TOTALIZER READING: 7,870,052.0 gallons

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

SEQUESTERING AGENT FEED RATE: 6.0 ml/min METERING PUMP PRESSURE: 2.0 psi

BAG FILTER PRESSURES: LEFT: Top 0 / Bottom 0 psi RIGHT: Top 6 / 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: 18.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.032 in. H_2O DISCHARGE PRESSURE: 2.3 in. H_2O

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

EFFLUENT FLOW RATE: 114 gpm EFFLUENT TOTALIZER READING: 65,005,430 / 383860 gallons

ARE BUILDING HEATERS IN USE? YES: ____ NO: √ INSIDE TEMPERATURE (°F): 83

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

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

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

25-Jul-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 and PZ-4B have collapsed inner rings.

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

Remarks:

Other Actions:

AGWAY

SYSTEM VACUUM: -20 in. H_2O *AIR PRESSURE:* 45 psi

SP-1:	1.9	scfm	26.0	psi	SP-5	0.0	scfm	28.0 psi
SP-2:	0.0	scfm	> 30	psi	SP-6	0.0	scfm	29.5 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: Recommend weed trimming around shed.

Other Actions:

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

DATE: 3-Aug-11 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

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

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: ____	OFF: √	6 ft	PW-5	ON: √	OFF: ____	40 ft
PW-2	ON: ____	OFF: √	65529 ft	PW-6	ON: √	OFF: ____	6 ft
PW-3	ON: ____	OFF: √	5 ft	PW-7	ON: √	OFF: ____	7 ft
PW-4	ON: √	OFF: ____	21 ft	PW-8	ON: √	OFF: ____	18 ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 7/31/11 Air Stripper Low Air Pressure

NOTES:

INFLUENT FLOW RATE: 13 gpm INFLUENT TOTALIZER READING: 8,034,296.0 gallons

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

SEQUESTERING AGENT FEED RATE: 5.0 ml/min METERING PUMP PRESSURE: 2.0 psi

	Top	Bottom		Top	Bottom
BAG FILTER PRESSURES: LEFT:	0	0 psi	RIGHT:	7	0 psi

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

AIR STRIPPER BLOWER IN USE: #1 √ #2 ____ AIR STRIPPER PRESSURE: 18.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.031 in. H_2O DISCHARGE PRESSURE: 2.4 in. H_2O

EFFLUENT PUMP IN USE: #1 ____ #2 √ EFFLUENT FEED PUMP PRESSURE: 6.5 psi

EFFLUENT FLOW RATE: 107 gpm EFFLUENT TOTALIZER READING: 65,105,564 | 485640 gallons

ARE BUILDING HEATERS IN USE? YES: ____ NO: √ INSIDE TEMPERATURE (° F): 84

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-Aug-11

SAMPLES COLLECTED? YES: √ NO: _____

	Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Cond.
AIR STRIPPER INFLUENT:	INF	1:00 PM	7.33	10.17	18.9	2955
AIR STRIPPER EFFLUENT:	EFF	1:00 PM	8.65	10.02	21.7	2942

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:

AGWAY

SYSTEM VACUUM: -20 in. H_2O *AIR PRESSURE:* 110 psi

SP-1:	0.0	scfm 25.5	psi	SP-5	0.0	scfm	27.5 psi
SP-2:	0.0	scfm > 30	psi	SP-6	1.0	scfm	29.0 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: 9-Aug-11 ACTIVITIES: Site Inspection

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

WEATHER CONDITIONS: Rain, warm OUTSIDE TEMPERATURE (° F): 71

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

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

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: √	OFF:	10 ft	PW-5	ON: √	OFF:	45 ft
PW-2	ON:	OFF: √	65520 ft	PW-6	ON: √	OFF:	4 ft
PW-3	ON: √	OFF:	3 ft	PW-7	ON: √	OFF:	5 ft
PW-4	ON: √	OFF:	30 ft	PW-8	ON: √	OFF:	18 ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 7/30/11 Air Stripper Low Air Pressure

NOTES:

INFLUENT FLOW RATE: 11 gpm INFLUENT TOTALIZER READING: 8,137,292.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 6 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 10 gallons

SEQUESTERING AGENT FEED RATE: 5.0 ml/min METERING PUMP PRESSURE: 2.0 psi

BAG FILTER PRESSURES: LEFT: Top 26 / Bottom 0 psi RIGHT: Top 32 / 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: 18.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.029 in. H_2O DISCHARGE PRESSURE: 2.4 in. H_2O

EFFLUENT PUMP IN USE: #1 ____ #2 √ EFFLUENT FEED PUMP PRESSURE: 8.0 psi

EFFLUENT FLOW RATE: 114 gpm EFFLUENT TOTALIZER READING: 65,168,160 / 549370 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

9-Aug-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 and PZ-4B have collapsed inner rings.

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

Remarks: Influent valve near Equalization Tank is leaking.

Other Actions:

Emptied old Redux drum into present drum. Have (3) full drums.

AGWAY

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

SP-1:	0.0	scfm 26.0	psi	SP-5	0.0	scfm 29.5	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 drum is dry.

Other Actions:

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

DATE: 17-Aug-11 ACTIVITIES: Site Inspection

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

WEATHER CONDITIONS: Sunny, warm OUTSIDE TEMPERATURE (° F): 74

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

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

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: √	OFF:	12 ft	PW-5	ON: √	OFF:	35 ft		
PW-2	ON: √	OFF:	190 ft	PW-6	ON: √	OFF:	14 ft		
PW-3	ON: √	OFF:	9 ft	PW-7	ON: √	OFF:	9 ft		
PW-4	ON: √	OFF:	22 ft	PW-8	ON: √	OFF:	18 ft		

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 7/31/11 Air Stripper Low Air Pressure

NOTES:

INFLUENT FLOW RATE: 4 gpm INFLUENT TOTALIZER READING: 8,207,522.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 6 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 10.2 gallons

SEQUESTERING AGENT FEED RATE: 5.0 ml/min METERING PUMP PRESSURE: 2.0 psi

BAG FILTER PRESSURES: LEFT: Top 46 / Bottom 0 psi RIGHT: Top 50 / 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: 19.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.027 in. H_2O DISCHARGE PRESSURE: 2.4 in. H_2O

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

EFFLUENT FLOW RATE: 113 gpm EFFLUENT TOTALIZER READING: 65,209,516 / 591590 gallons

ARE BUILDING HEATERS IN USE? YES: ____ NO: √ INSIDE TEMPERATURE (° F): 83

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

17-Aug-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 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.

AGWAY

SYSTEM VACUUM: -20 in. H_2O *AIR PRESSURE:* 90 psi

SP-1:	0.0	scfm	26.0 psi	SP-5	0.0	scfm	29.0 psi
SP-2:	0.0	scfm	> 30 psi	SP-6	0.0	scfm	> 30 psi
SP-3:	0.0	scfm	29.5 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: 22-Aug-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

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

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: √	OFF:	5 ft	PW-5	ON: √	OFF:	30 ft		
PW-2	ON: √	OFF:	189 ft	PW-6	ON: √	OFF:	3 ft		
PW-3	ON:	OFF: √	6 ft	PW-7	ON: √	OFF:	4 ft		
PW-4	ON: √	OFF:	22 ft	PW-8	ON: √	OFF:	18 ft		

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 8/21/11 Air Stripper Low Air Pressure

NOTES:

INFLUENT FLOW RATE: 19 gpm INFLUENT TOTALIZER READING: 8,302,329.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 29 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 49 gallons

SEQUESTERING AGENT FEED RATE: 5.0 ml/min METERING PUMP PRESSURE: 2.0 psi

BAG FILTER PRESSURES: LEFT: Top 22 / Bottom 0 psi RIGHT: Top 28 / 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: 20.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.027 in. H_2O DISCHARGE PRESSURE: 2.3 in. H_2O

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

EFFLUENT FLOW RATE: 114 gpm EFFLUENT TOTALIZER READING: 65,267,102 / 650230 gallons

ARE BUILDING HEATERS IN USE? YES: ____ NO: √ INSIDE TEMPERATURE (° F): 74

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

22-Aug-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 and PZ-4B have collapsed inner rings.

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

Remarks:

Other Actions: Respond to AutoDialer after electrical storm (8/26). PanelView read; PW-1 overload.

AGWAY

SYSTEM VACUUM: -20 in. H_2O *AIR PRESSURE:* 115 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.

Right Bank Timer is defective. Removed defective timer.

Other Actions: Changed Air Compressor oil.

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

DATE: 29-Aug-11 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen, D. Iyer OTHER PERSONNEL: ---

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

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

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

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: √	OFF:	11	ft	PW-5	ON: √	OFF:	193	ft
PW-2	ON: √	OFF:	188	ft	PW-6	ON: √	OFF:	3	ft
PW-3	ON:	OFF: √	5	ft	PW-7	ON:	OFF: √	7	ft
PW-4	ON: √	OFF:	22	ft	PW-8	ON: √	OFF:	18	ft

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

NOTES:

INFLUENT FLOW RATE: 7 gpm INFLUENT TOTALIZER READING: 8,413,416.0 gallons

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

SEQUESTERING AGENT FEED RATE: 6.0 ml/min METERING PUMP PRESSURE: 2.0 psi

BAG FILTER PRESSURES: LEFT: Top 0 / Bottom 0 psi RIGHT: Top 7 / 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: 22.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.033 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: 65,333,414 / 717900 gallons

ARE BUILDING HEATERS IN USE? YES: ____ NO: √ INSIDE TEMPERATURE (° F): 73

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

29-Aug-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 and PZ-4B have collapsed inner rings.

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

Remarks: Need LR-44 battery for clock.

Other Actions: PW-7 - cleaned well pump and transducer and purged well.

PW-8 - replaced well pump, cleaned transducer and purged well.

AGWAY

SYSTEM VACUUM: -20 in. H_2O *AIR PRESSURE:* 110 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: Bank 2 is OFF due to maintenance problems.

Other Actions: SVE vacuum drum is dry.

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 #9-15-157

OM&M: PIEZOMETER WATER LEVEL LOG

Date: 10-Aug-11 **Measurements taken by:** R. Allen

RW-1	12.80 ft	Comments:	
PZ-1A	----- ft	Comments:	parked car
PZ-1B	22.40 ft	Comments:	
PZ-1C	12.45 ft	Comments:	
PZ-1D	12.60 ft	Comments:	
PW-2	11.30 ft	Comments:	
PZ-2A	11.02 ft	Comments:	
PZ-2B	11.40 ft	Comments:	
PZ-2C	10.86 ft	Comments:	
MW-7	11.45 ft	Comments:	Substitute for 2D
PW-3	23.50 ft	Comments:	
PZ-3A	11.57 ft	Comments:	
PZ-3B	11.68 ft	Comments:	
PZ-3C	12.12 ft	Comments:	
PZ-3D	11.63 ft	Comments:	
PW-4	----- ft	Comments:	ring collapsed
PZ-4A	11.64 ft	Comments:	
PZ-4B	----- ft	Comments:	ring collapsed
PZ-4C	----- ft	Comments:	sealed over
PZ-4D	10.47 ft	Comments:	

PW-5	14.30 ft	Comments:	
PZ-5A	10.82 ft	Comments:	
PZ-5B	10.87 ft	Comments:	
PZ-5C	10.46 ft	Comments:	
PZ-5D	11.07 ft	Comments:	
PW-6	18.10 ft	Comments:	
PZ-6A	11.83 ft	Comments:	
PZ-6B	11.62 ft	Comments:	
PZ-6C	12.03 ft	Comments:	
PZ-6D	15.15 ft	Comments:	Shown as RW-2 on map
PW-7	19.40 ft	Comments:	
MPI-6S	11.34 ft	Comments:	
PZ-7B	11.73 ft	Comments:	
OW-B	11.44 ft	Comments:	
PZ-7D	11.29 ft	Comments:	
PW-8	19.00 ft	Comments:	
PZ-8A	8.28 ft	Comments:	
PZ-8B	8.20 ft	Comments:	
PZ-8C	7.87 ft	Comments:	
PZ-8D	8.15 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 - 08/2011

DATE	ACTIVITY
1-Aug	Respond to Autodialer alarm.
3-Aug	Weekly Inspection and Sampling.
4-Aug	Document the parts of the Redux System. End of month summaries.
5-Aug	Take delivery of Redux Drums.
8-Aug	OM&M office work
9-Aug	Weekly Inspection and office work.
10-Aug	Piezometer Readings
11-Aug	Set up utility trailer at office
17-Aug	Weekly Inspection. Change bag filters.
21-Aug	Respond to AutoDialer alarm. Move Redux pickup.
22-Aug	Weekly Inspection. Changed air compressor oil. Get supplies. Remove defective Bank 2 Timer in Shed.
23-Aug	Get Supplies.
26-Aug	Respond to AutoDialer alarm.
29-Aug	Weekly Inspection. UM office work.
30-Aug	PW-8 - Replace pump and pitless adapter. Purge pipes and well. Inspect and clean transducer. PW-7 - Purge pipes and well. Inspect and clean pump and transducer.

Mr. C's CLEANERS OM&M
SUMMARY OF FIELD ACTIVITIES BY IEG - 08/2011

ACTIVITY	DESCRIPTION	COMPLETION DATE/STATUS
Replace SVE Vacuum Drum	Present Vacuum Drum inside Agway Shed is corroded. Replace drum.	To be ordered
AS / SVE System Evaluation	Agway Shed - test & evaluate air sparge system and Soil Vapor Extraction system. Installed fittings to measure pressure and flow. Tested air sparging and SVE lines.	in progress
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
PW-8 Well Pump not cycling down	The well pump stays on and the water level does not drop. Horizontal line could be plugged. Inspected and cleaned well pump and transducer. Purged horizontal line. Replaced well pump.	Aug-11
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
Air Stripper Leak	The top tray developed a corrosion hole that is leaking water. Prepared and sealed the hole with J-B Weld.	Mar-11
Repair Blower #2	Determined that bearing is failing in Air Stripper Blower Motor. Removed motor and take to repair shop. Reinstalled motor.	in progress
Repair SVE Blower Motor	Determined that bearing is failing in SVE Blower Motor. Removed motor and take to repair shop. Reinstalled motor.	May-11
Repair SVE Pipe Union	SVE pipe union has broken O-ring. Got new O-ring and installed in pipe union.	May-11
Replace Jesco Feed Pump	Jesco pump for Redux drum no longer works. Replaced old pump with new pump and adjust. Added shut-off valve between intake pipe and pump to enable repairs.	May-11
Redux Feed Line Valve Leaks	Redux feed line shut-off valve leaks. Some of the tubing is clogged with dried Redux powder. Replaced leaking valve and replace or clean clogged tubing.	May-11
Replace faulty Redux valve	Redux ball valve above influent pipe is leaking. Replaced with a chemical resistant ball valve.	Jun-11
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-7 Well needs cleanout	PW-7 needs a horizontal line purge and well purge after PW-8 receives its purges.	Aug-11

Mr. C's CLEANERS OM&M

SUMMARY OF WATER PUMP MAINTENANCE BY IEG - 2011

as of Aug 11

ID	CLEAN & INSPECT PUMP	REPLACED PUMP	REPAIR PUMP	PIPE & PITLESS ADAPTER	CLEAN & INSPECT TRANSDUCER	REPLACE TRANSDUCER	REPAIR TRANSDUCER	PUMP OUT WELL	CLEAN OUT & INSPECT ELECTRICAL BOX	ELECTRICAL BOX REPAIR
RW - 1	May-10	Feb-08	May-10		May-10					
PW - 2	Aug 09, May 10	Jul-08			Aug 09, May 10	Sep-09		Aug-09		Sep-09
PW - 3	Aug 09, May 10	Jul-08		Repair adapter	Aug-09			Aug-09		
PW - 4	Sep 09, May 10	Dec-07	NEED		May-10			Jul 09, Sep 09	Sep-09	Sep-09
PW - 5		Jul-08			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			Au 09, May 10, Aug 11		
PW - 8	Aug 09, May 10, Aug 11	Jul 08, Sep 09, Aug 11		Pipe 8/09, PA 8/11	Aug 09, May 10, Aug 11			Aug 09, May 10, Aug 11		

Mr. C's CLEANERS OM&M

SUMMARY OF WATER PUMP STATUS - 2011

as of Aug 11

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

Attachment B
Analytical Report from Mitkem Laboratories

Analytical Data Package Work Order ID: K1374
Sampled: August 3, 2011
Received: August 23, 2011

Report Date:
23-Aug-11 16:19

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

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

Work Order: K1374
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
K1374-01	INFLUENT	Aqueous	03-Aug-11 13:30	04-Aug-11 09:12
K1374-02	EFFLUENT	Aqueous	03-Aug-11 14:00	04-Aug-11 09:12

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 O M & M
Location: East Aurora State: NY
Sampler(s): R. Allen

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

List preservative code below: 1 | 4 | 2

Notes:

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: pH	Hardness	VOC	QA/QC Reporting Level
K1374													☐ Level I ☐ Level II ☐ Level III ☐ Level IV ☒ Other CAT A
1	INFLUENT	8/3/11	1:30 PM	G	GW				1	✓			State specific reporting standards:
1	INFLUENT		1:30 PM	G	GW				1		✓		
1	INFLUENT		1:30 PM	G	GW	2						✓	
2	EFFLUENT		2:00 PM	G	GW				1	✓			
2	EFFLUENT		2:00 PM	G	GW				1		✓		
2	EFFLUENT		2:00 PM	G	GW	2						✓	

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

Relinquished by:	Received by:	Date:	Time:
Richard C Allen Jr	C. Gallo 8/4/11	8/4/11	9:15
FedEx	Dawn Mitkem	8-4-11	9:12

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 4°C

3

SPECTRUM ANALYTICAL, INC. RI DIVISION

Sample Condition Form

Page 1 of 1

Received By: Daniel Miller	Reviewed By: GV	Date: 8-4-11	Spectrum RI Work Order #: K1374
Client Project: ~~East Field Strl~~ MR.C'S		Client: SAFETY/Spectrum E&E	

		Lab Sample ID		HNO$_3$	H$_2$SO$_4$	HCl	NaOH	H$_3$PO$_4$	VOA Matrix	Soil Headspace or Air Bubble ≥ 1/4"
1) Cooler Sealed	Yes / No	K1374	01	<2					H	
		K1374	02	<2					H	
2) Custody Seal(s)	Present / Absent									
	Coolers / Bottles									
	Intact / Broken									
3) Custody Seal Number(s)	N/A									
4) Chain-of-Custody	Present / Absent									
5) Cooler Temperature	4°C									
IR Temp Gun ID	MT-1									
Coolant Condition	Iced									
6) Airbill(s)	Present / Absent									
Airbill Number(s)	~~Present~~ DM 8-4-11									
	FedEx									
	7950 4272 5465									
7) Samples Bottles	Intact / Broken / Leaking									
8) Date Received	8-4-11									
9) Time Received	9:12									

(Preservation (pH) columns: HNO$_3$, H$_2$SO$_4$, HCl, NaOH, H$_3$PO$_4$. Unused rows crossed out — DM 8-4-11)

Preservative Name/Lot No.:

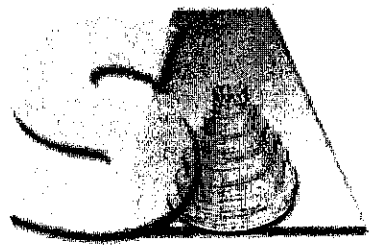
VOA Matrix Key:

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

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 #: K1374

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: V10
Instrument Type: GCMS-VOA
Description: HP7890A
Manufacturer: Agilent
Model: 7890A / 5975C

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. Spikes:

1. Laboratory Control Spikes (LCS):

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

2. Matrix Spike / Matrix Spike Duplicate (MS/MSD):

No client-requested MS/MSD analyses were included in this SDG.

E. Internal Standards:

Internal standard peak areas were within the QC limits.

F. Dilutions:

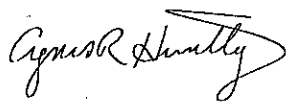
The following sample was analyzed at dilution:

INFLUENT (K1374-01A) : Dilution Factor: 10

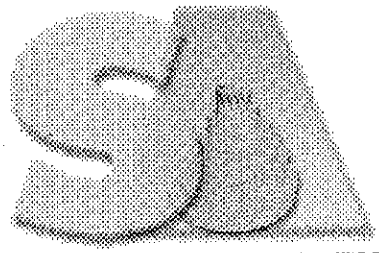
G. Samples:

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 RI, 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: 08/23/11



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

CLIENT SAMPLE NO.

INFLUENT

Lab Name: SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: MITKEM Case No.: K1374 Mod. Ref No.: SDG No.: SK1374

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: K1374-01A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8A5323.D

Level: (TRACE/LOW/MED) LOW Date Received: 08/04/2011

% Moisture: not dec. Date Analyzed: 08/10/2011

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	11	
75-34-3	1,1-Dichloroethane	10	U
78-93-3	2-Butanone	50	U
156-59-2	cis-1,2-Dichloroethene	49	
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	70	
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	1200	
591-78-6	2-Hexanone	50	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

INFLUENT

Lab Name: SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: MITKEM Case No.: K1374 Mod. Ref No.: SDG No.: SK1374

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: K1374-01A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8A5323.D

Level: (TRACE/LOW/MED) LOW Date Received: 08/04/2011

% Moisture: not dec. Date Analyzed: 08/10/2011

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

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

Purge Volume: 5.0 (mL)

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

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EFFLUENT

Lab Name: SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: MITKEM Case No.: K1374 Mod. Ref No.: SDG No.: SK1374

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: K1374-02A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8A5324.D

Level: (TRACE/LOW/MED) LOW Date Received: 08/04/2011

% Moisture: not dec. Date Analyzed: 08/10/2011

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	0.97	J
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: SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: MITKEM Case No.: K1374 Mod. Ref No.: SDG No.: SK1374

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: K1374-02A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8A5324.D

Level: (TRACE/LOW/MED) LOW Date Received: 08/04/2011

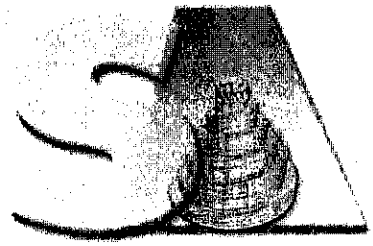
% Moisture: not dec. Date Analyzed: 08/10/2011

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

Client: Ecology and Environment Engineering P.C.
Client Sample ID: INFLUENT
Lab ID: K1374-01
Project: Mr. C's Dry Cleaning
Collection Date: 08/03/11 13:30

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SM 2340B -- HARDNESS by Calculation							**SM2340_W**
Hardness, Ca/Mg (As CaCO3)	480		4.0	mg/L CaCO3	1	08/11/2011 9:44	60884
SM 4500 H+ B -- pH VALUE							**SM4500_H+**
pH	7.1		1.0	S.U.	1	08/04/2011 11:00	R60371

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

Client: Ecology and Environment Engineering P.C.
Client Sample ID: EFFLUENT
Lab ID: K1374-02
Project: Mr. C's Dry Cleaning
Collection Date: 08/03/11 14:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SM 2340B -- HARDNESS by Calculation							**SM2340_W**
Hardness, Ca/Mg (As CaCO3)	490		4.0	mg/L CaCO3	1	08/11/2011 9:47	60884
SM 4500 H+ B -- pH VALUE							**SM4500_H+**
pH	8.5		1.0	S.U.	1	08/04/2011 11:15	R60371

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

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

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

ATTACHMENT C

NYSDEC Work Assignment #DC13.02.01.01

12 Months of System Operation and Maintenance

August 2011 Report

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

Gas, Telephone, and Electric

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					$ 1,294.77
Agway Electric	$348.15						$ 415.47
Mr. C's Natural Gas Costs							$ 236.19
Totals	$1,642.69	$ 1,075.90	$ -	$ -	$ -	$ -	$ 1,946.43

Electric (Both sites)	$11,604.58
Natural Gas	$ 944.74
Grand Total - NYSE&G/National Fuel Gas Costs To Date	$ 12,549.32

Notes:

Overbilled natural gas costs - no charges

Estimated Reading $ 333.44 in red -adjusted billing

Phone

Utility Provider	Phone #	E&E Cost Center	Location Description	Jan-2011	Feb-2011	Mar-2011	Apr-2011	May-2011	Jun-2011
Verizon	716-652-0094	002700.DC13.02.01. 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	**$ 12,678.99**

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

NYSDEC Work Assignment #DC13

12 Months of System Operation and Maintenance

August 2011 Report

ATTACHMENT C

	Optimum Operating Hours	Actual Operating Hours	Up-time Percentage	Capacity	Comments:
January-11	648	648	100.00%	12.1%	Very cold January
February-11	840	840	100.00%	12.0%	Cold and rainy
March-11	528	528	100.00%	14.0%	Rainy
April-11	840	775	92.26%	13.1%	Rainy
May-11	672	672	100.00%	13.9%	Rainy
June-11	840	840	100.00%	13.7%	Warm
July-11	480	480	100.00%	10.1%	Hot
August-11	1008	1008	100.00%	0.8%	Warm - Clear
September-11					
October-11					
November-11					
December-11					
Totals to Date	**5856**	**5791**	**98.89%**		

Budget Remaining:

Electric:	$14,195.42
Telephone:	$540.00
Gas	-$224.74
Total:	$14,510.68

* 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

Mr. C's Electric	$ 1,294.77			
Agway Electric	$ 415.47			
Mr. C's Gas	$ 236.19			
Mr. C's Telephone	$ 32.42			
Ave. Utility Cost Total	$ 1,978.85	times	12 Month Estimate	$25,725.00