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February 7, 2013

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 # D007617, Site # 9-15-157
January 2013 Operations, Maintenance, and Monitoring Report

Dear Mr. Welling:

Ecology and Environment Engineering, P.C. (EEEPC) is pleased to provide the January 2013 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 Spectrum Analytical Inc. (SAI), Warwick, Rhode Island are provided as Attachments B. The full analytical reports along with QA/QC information will be retained by EEEPC. Remedial treatment system utility costs for the Mr. C's site is provided as Attachment C.

In review of the on-site treatment system operations, monitoring and maintenance for January 2013, EEEPC offers the following comments and highlights:

Operational Summary

Mr. C's Site – Remedial Operations Information

- Checklists for system inspections from IEG are provided as Attachment A for 1/7/13, 1/22/13, and 2/4/13. Based on the inspection results performed by IEG, the remedial treatment system had an 85.71% operational up-time (Table 1) and the treatment of contaminated groundwater totaling of 261,527 gallons (Table 2) for January 2013.
- On January 11, when responding to Auto Alarm (due to low air pressure or Blower #2 overload), the system was shut down from Friday, January 11, 2013, until Monday (January 14, 2013). The treatment system was also down on Sunday, January 27, 2013 which was caused by a power outage. The system was returned to operating service on Monday, January 28, 2013.
- A lockbox was installed at the Mr. C's Treatment building on January 25, 2013. The purpose of the lockbox was to have a key onsite in case the building owner needed to gain entry to the treatment space for common utilities that run through the space.

- Initial sampling occurred on January 7, 2013 with the analytical results received on January 14, 2013. The results of the sampling indicated no compliance issues with the effluent discharge requirements for Tetrachloroethene (PCE) or any other contaminants on the SPDES Equivalency Permit. The PCE effluent results for January 2013 were 0.91 µg/L. Based on the detection limits, this value was estimated, but still remains within the SPDES Equivalency daily maximum requirements.
- The analytical results revealed the influent concentration to be 1094.9 µg/L or 1094.9 ppb, and 0.91 µg/L or 0.91 ppb of treated effluent. PCE effluent concentrations were 0.91µg/L or 0.91 ppb which is under the 10 µg/L or 10 ppb limit. The summary of influent and effluent contaminant concentrations for the January 2013 sampling event is presented in Table 4.
- The cleanup efficiency for the contaminants of concern at the site during the reporting / operating period 12/31/12 to 2/4/13 was 99.92%. The air stripper unit on the Mr. C's property is currently in compliance and SAI continues to provide analytical data to sub-ppb accuracy, supporting the accurate determination of effluent contaminant levels. The summary of Effluent Discharge Criteria & Analytical Compliance Results for January 2013 is presented in Table 3.
- The Mr. C's treatment system based on the total monthly flows has effectively removed 2.39 lbs. of targeted contaminants from the groundwater below the site in the month of January 2013. The calculations and data for the month are presented in Table 5.

Mr. C's Site – Updated Property Information

- Contact information regarding the property owner and party leasing the Mr. C's building was provided to the NYSDEC. The information provided is as follows: Property owner – DelTora LLC – Point of Contact - Mr. Paul Bendrowski – 231-313-1954 (Traverse City, MI). Property Lease – Intrepid Automotive Partners – Dave Kern – 716-481-5703 (East Aurora, NY).

Agway Site Remedial Information

- The Agway facility treatment unit was turned off in December 2011.

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

- Performed annual SSDS inspections at the 1st Presbyterian Church on December 3, 2012. No current operational issues noted. All systems are fully operational.
- Draft SOP sampling procedure submitted to NYSDEC PM, Region 9 NYSDEC and NYSDOH contact for review and comment.

Baseline Sampling – Bioaugmentation Work

- Baseline sampling for the bioaugmentation "pilot" study was performed on November 2, 2012 at four monitoring well location around the Mr. C's site.
- Analytical results due at the end of November and evaluated for incorporation in the procurement document for subcontractor installation.
- Procurement to be performed in January 2013. Bioaugmentation field work injections to be performed in April 2013.

- Monthly monitoring and analyses to be performed for twelve months to evaluate the effectiveness of the "pilot" installation on the groundwater from the local area monitoring wells.

Mr. C's and Agway Energy Usage Information

- A copy of the site utility costs from the Mr. C's and Agway remedial operations for January through December 2013 are provided as Attachment C.
- The Agway system power was turned off in December 2011. The meter was removed in November 2012.

Site Management Plan

- Issued the draft Site Management Plan (SMP) on December 28, 2012 for review and comment. The SMP was revised to be consistent with the new NYSDEC template format.

If you have questions regarding the January 2013 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 1/7/13)	**87,871.50**	**96.63%**
January 7, 2013 - February 4, 2013	576	85.71%
Total Hours from System Startup '2/02'	**88,447.50**	
Average Operational Up-time from startup =		**96.55%**
Average Operational Up-time for 2013 =		**85.71%**

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 2012	**9/5/02 - 1/7/13**	**118,436,077**
January 2013[3]	1/7/13 - 2/4/13	261,527
February 2013[3]		0
March 2013[3]		0
April 2013[3]		0
May 2013		0
June 2013		0
July 2013		0
August 2013		0
September 2013		0
October 2013		0
November 2013		0
December 2013		0
Total Gallons Treated in 2013		**261,527**
Total Gallons Treated To Date:		**118,697,604**

NOTES:
1. System operated by Tyree Organization Ltd. From 9/02 - 9/03.
2. System operated by O&M Enterprises from 10/03 - 7/07.
3. System operated by IEG PLLC from 7/07 - present.

Table 3
Mr. C's Dry Cleaners Site Remediation
Site #9-15-157
Effluent Discharge Criteria & Analytical Compliance Results

Parameter/Analyte	Daily Maximum[1]	Units	January 14, 2013 - Effluent Analytical Values - Compliance
Flow	N/A	gpd	10,897
pH	6.0 - 9.0	standard units	8.10
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	0.91J
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	490
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 December 31, 2012 through February 4, 2013. Total gallons: 261,527 divided by 24 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.

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

Table 4
Mr. C's Dry Cleaners Site Remediation
NYSDEC Site #9-15-157
January 2013 VOC Analytical Summary

Compound	Based on the 1/14/13 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	28.0		ND (<1.0)	U	100.00%
Chloroform	ND (<10.0)	U	ND (<1.0)	U	NA
Methylene chloride	ND (<10.0)	U	ND (<1.0)	U	NA
Methyl tert-butyl ether (MTBE)	5.9	J	ND (<1.0)	U	100.00%
Tetrachloroethene	1000.0		0.91	J	99.91%
Toluene	ND (<10.0)	U	ND (<1.0)	U	NA
Trichloroethene	61.0		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
January 2013 TOTALs (in ug/L) =	**1094.9**		**0.91**		**99.92%**

Notes:
1. "NA" = Not applicable
2. "U" = Compound analyzed, but was not detected. Detection limit in parentheses.
3. "DJ" or "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" indicates the compound concentration was obtained form a secondary dilution analysis..

* (<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 2012 =				**1556.45**
January 2013	1/7/13 - 2/4/13	1094.9	0.91	2.39
February 2013				0.00
March 2013				0.00
April 2013				0.00
May 2013				0.00
June 2013				0.00
July 2013				0.00
August 2013				0.00
September 2013				0.00
October 2013				0.00
November 2013				0.00
December 2013				0.00
			Total pounds of VOCs removed from inception =	**1,558.84**
			Total pounds of VOCs removed in 2013 =	**2.39**

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

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

Based on the Analytical Results from Each Month:
Pounds of VOCs removed calculated by the following formula:

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

Attachment A
IEG Weekly Inspection Reports
January 2013

Including:

1/7/13

1/22/13

2/4/13

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

DATE: 7-Jan-13 ACTIVITIES: Site Inspection

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

WEATHER CONDITIONS: Cloudy, cold OUTSIDE TEMPERATURE (° F): 26

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

PW-6 is OFF due to maintenance problems.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

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

EQUALIZATION TANK: 3 ft Last Alarm D/T/Condition: 1/3/13 Air Stripper Low Level

NOTES:

INFLUENT FLOW RATE: 10 gpm INFLUENT TOTALIZER READING: 6,225,098.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 2 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 3.5 gallons

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

		Top	Bottom		Top	Bottom
BAG FILTER PRESSURES:	LEFT:	0	0 psi	RIGHT:	40 - 9	0 psi

INFLUENT FEED PUMP IN USE: #1 √ #2 _____ INFLUENT PUMP PRESSURE: 11 psi

AIR STRIPPER BLOWER IN USE: #1 _____ #2 √ AIR STRIPPER PRESSURE: 16.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.002 in. H_2O DISCHARGE PRESSURE: 4.1 in. H_2O

EFFLUENT PUMP IN USE: #1 _____ #2 √ EFFLUENT FEED PUMP PRESSURE: 3.0 psi

EFFLUENT FLOW RATE: 115 gpm EFFLUENT TOTALIZER READING: 70,015,307 | 499240 gallons

ARE BUILDING HEATERS IN USE? YES: √ NO: _____ INSIDE TEMPERATURE (° F): 57

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

7-Jan-13

SAMPLES COLLECTED? YES: √ NO: _____

	Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Cond.
AIR STRIPPER INFLUENT:	INF	1:00 PM	7.35	7.52	11.3	2774
AIR STRIPPER EFFLUENT:	EFF	1:00 PM	7.00	8.70	11.6	2895

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. Snow and ice are covering many MWs and UEs.

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

Remarks:

Other Actions:

Switched Redux pickup to new drum.

Changed bag filters.

Jan 11 - Respond to AutoAlarm (low Air Pressure / Blower #2 overload). Shut system down until Monday.

Air Stripper - brush trays with steel brushes and wash down with low pressure hose.

AGWAY

SYSTEM VACUUM: _____ in. H_2O *AIR PRESSURE:* _____ psi

SP-1:	_____	scfm	_____ psi	SP-5	_____	scfm	_____ psi
SP-2:	_____	scfm	_____ psi	SP-6	_____	scfm	_____ psi
SP-3:	_____	scfm	_____ psi	SP-7	_____	scfm	_____ psi
SP-4:	_____	scfm	_____ psi	SP-8	_____	scfm	_____ psi

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

Remarks: System is OFF until further instructions.

Other Actions:

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

DATE: 22-Jan-13 ACTIVITIES: Site Inspection

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

WEATHER CONDITIONS: Cloudy, cold OUTSIDE TEMPERATURE (°F): 8

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

PW-6 is OFF due to maintenance problems.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: _____	OFF: √	7 ft	PW-5	ON: _____	OFF: √	7 ft
PW-2	ON: _____	OFF: √	6 ft	PW-6	ON: _____	OFF: √	65509 ft
PW-3	ON: _____	OFF: √	5 ft	PW-7	ON: _____	OFF: √	7 ft
PW-4	ON: _____	OFF: √	8 ft	PW-8	ON: √	OFF: _____	9 ft

EQUALIZATION TANK: 5 ft Last Alarm D/T/Condition: 1/11/13 Air Stripper Low Level

NOTES: _____

INFLUENT FLOW RATE: 3 gpm INFLUENT TOTALIZER READING: 6,470,779.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 27 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 46 gallons

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

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

INFLUENT FEED PUMP IN USE: #1 √ #2 _____ INFLUENT PUMP PRESSURE: 11 psi

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

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.002 in. H_2O DISCHARGE PRESSURE: 3.3 in. H_2O

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

EFFLUENT FLOW RATE: 113 gpm EFFLUENT TOTALIZER READING: 70,160,460 | 647510 gallons

ARE BUILDING HEATERS IN USE? YES: √ NO: _____ INSIDE TEMPERATURE (°F): 56

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

22-Jan-13

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. Snow and ice are covering many MWs and UEs.

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

Remarks: Jan 27 - respond to AutoDialer alarm. Code 3 - reset. Probably caused by power outage.

Other Actions: Redux drum was siphoned out during a power outage. Poured old Redux drum into newly emptied drum.

AutoAlarm #12 - sounded when the temperature in the Treatment Room went below 40 F with door cracked open.

Honeywell Temperature Panel - ALM 2 / 39.5 F

Jan 23 - respond to AutoDialer alarm. Honeywell Panel - ALM 2 / 38 F. Gas ceiling heater works but cannot keep the lower area of the room warm. Install electric heater from Agway Shed near Control Panel.

AGWAY

SYSTEM VACUUM: _____ in. H_2O *AIR PRESSURE:* _____ psi

SP-1:	_____	scfm	_____ psi	SP-5	_____	scfm	_____ psi
SP-2:	_____	scfm	_____ psi	SP-6	_____	scfm	_____ psi
SP-3:	_____	scfm	_____ psi	SP-7	_____	scfm	_____ psi
SP-4:	_____	scfm	_____ psi	SP-8	_____	scfm	_____ psi

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

Remarks: System is OFF until further instructions.

Other Actions:

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

DATE: 4-Feb-13 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen OTHER PERSONNEL:

WEATHER CONDITIONS: Cloudy, cold OUTSIDE TEMPERATURE (°F): 17

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

PW-6 is OFF due to maintenance problems.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON:		OFF: √	7 ft	PW-5	ON: √	OFF:	8	ft
PW-2	ON:		OFF: √	6 ft	PW-6	ON:	OFF: √	65517	ft
PW-3	ON:		OFF: √	6 ft	PW-7	ON:	OFF: √	7	ft
PW-4	ON:		OFF: √	6 ft	PW-8	ON: √	OFF:	23	ft

EQUALIZATION TANK: 3 ft Last Alarm D/T/Condition: 1/28/13 Air Stripper Low Level

NOTES: PW-8 is turning on and off quickly and showing false level readings. Turned off PW-8.

INFLUENT FLOW RATE: 17 gpm INFLUENT TOTALIZER READING: 6,670,588.0 gallons

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

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

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

INFLUENT FEED PUMP IN USE: #1 √ #2 INFLUENT PUMP PRESSURE: 11 psi

AIR STRIPPER BLOWER IN USE: #1 √ #2 AIR STRIPPER PRESSURE: 8.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.005 in. H_2O DISCHARGE PRESSURE: 3.8 in. H_2O

EFFLUENT PUMP IN USE: #1 #2 √ EFFLUENT FEED PUMP PRESSURE: 3.0 psi

EFFLUENT FLOW RATE: 113 gpm EFFLUENT TOTALIZER READING: 70,276,834 | 766620 gallons

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

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

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

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

4-Feb-13

SAMPLES COLLECTED? YES: √ NO: _____

	Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Cond.
AIR STRIPPER INFLUENT:	INF	12:30 PM	7.60	8.53	9.7	2214
AIR STRIPPER EFFLUENT:	EFF	12:30 PM	8.63	6.22	9.8	2505

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. Snow and ice are covering many MWs and UEs.

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

Remarks: Redux system is temporarily OFF; Have no more Redux.

Drips from Air Stripper exhaust increase during colder weather.

Other Actions: Add remnant of old Redux drum into present drum. Added emergency Redux jug into present drum.

Changed bag filters.

AGWAY

SYSTEM VACUUM: _____ in. H_2O *AIR PRESSURE:* _____ psi

SP-1:	_____	scfm	_____ psi	SP-5	_____	scfm	_____ psi
SP-2:	_____	scfm	_____ psi	SP-6	_____	scfm	_____ psi
SP-3:	_____	scfm	_____ psi	SP-7	_____	scfm	_____ psi
SP-4:	_____	scfm	_____ psi	SP-8	_____	scfm	_____ psi

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

Remarks: System is OFF until further instructions.

Other Actions:

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

System was turned OFF on Jan 11 and was not running when these measurements were taken

Date: 12-Jan-13 **Measurements taken by:** R. Allen

RW-1	11.40 ft	Comments:	
PZ-1A	11.42 ft	Comments:	
PZ-1B	9.82 ft	Comments:	
PZ-1C	12.29 ft	Comments:	
PZ-1D	12.41 ft	Comments:	
PW-2	10.80 ft	Comments:	
PZ-2A	10.84 ft	Comments:	
PZ-2B	11.16 ft	Comments:	
PZ-2C	10.65 ft	Comments:	
MW-7	11.23 ft	Comments:	Substitute for 2D
PW-3	11.40 ft	Comments:	
PZ-3A	11.39 ft	Comments:	
PZ-3B	11.43 ft	Comments:	
PZ-3C	----- ft	Comments:	Van parked over
PZ-3D	11.43 ft	Comments:	
PW-4	----- ft	Comments:	damaged ring
PZ-4A	11.54 ft	Comments:	
PZ-4B	10.60 ft	Comments:	
PZ-4C	----- ft	Comments:	sealed over
PZ-4D	10.28 ft	Comments:	

PW-5	10.20 ft	Comments:	
PZ-5A	10.67 ft	Comments:	
PZ-5B	10.62 ft	Comments:	
PZ-5C	10.21 ft	Comments:	
PZ-5D	11.01 ft	Comments:	
PW-6	11.30 ft	Comments:	
PZ-6A	11.47 ft	Comments:	
PZ-6B	11.30 ft	Comments:	
PZ-6C	11.64 ft	Comments:	
PZ-6D	11.26 ft	Comments:	Shown as RW-2 on map
PW-7	10.80 ft	Comments:	
MPI-6S	11.10 ft	Comments:	
PZ-7B	11.17 ft	Comments:	
OW-B	11.19 ft	Comments:	
PZ-7D	10.80 ft	Comments:	
PW-8	7.30 ft	Comments:	
PZ-8A	7.98 ft	Comments:	
PZ-8B	7.94 ft	Comments:	
PZ-8C	7.66 ft	Comments:	
PZ-8D	8.05 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 - 1/2013

DATE	ACTIVITY
2-Jan	OM&M office work and end of month summaries.
3-Jan	Air Stripper - bruch trays through access ports. Showvel snow in front of Treatment Room.
7-Jan	OM&M Weekly Inspection and sampling.
8-Jan	Change bag filters.
10-Jan	Shovel snow off of MWs in prepartation of Piezometer Readings.
11-Jan	Respond to AutoDialeer. Shut system down.
12-Jan	Piezometer Readings
14-Jan	OM&M Weekly Inspection. Inspect Blower #2. Start system with Blower #1. Lube Blower #1. Record Blower #2 information.
15-Jan	Record system operation. Take subslab vapor extraction area photos. Unlock Treatment Room for maintenance crew.
16-Jan	UM office work
22-Jan	OM&M Weekly Inspection. Shovel snow in front of Treatment Room. Switch Redux pickup to new drum.
23-Jan	Respond to Auto Dialer alarm. Install electric heater near Main Control Panel.
25-Jan	Respond to AutoDialer alarm calls.
26-Jan	Respond to AutoDialer alarm calls.
27-Jan	Respond to AutoDialer alarm calls. Go to Treatment Room and reset panels and AutoDialer.
28-Jan	OM&M Weekly Inspection. Drain remnants of old Redux drum into present drum which was siphoned out during a power outage. Add contents of emergency jug into present drum.

Mr. C's CLEANERS OM&M
STATUS OF FIELD ACTIVITIES BY IEG - 1/2013

ACTIVITY	DESCRIPTION	COMPLETION DATE/STATUS
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
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
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
Demobilize Agway Shed	Remove all equipment from shed and deliver to owner/recycle/dispose as needed; dismantle electrical installations; disassemble/remove shed structure/base.	on hold
PW-7 pitless adapter	Pitless adapter does not seal well. Repair or replacer pitless adapter	in progress
PW-8 pitless adapter	Pitless adapter feels broken/does not seal well. Repair/replace pitless adapter	in progress
PZ-1B Repair	Top cover was knocked off and lost by snowplow. Replace inner ring and lower height so MW will not be as susceptible to snowplow damage.	Oct-12
Adjust Air Stripper	Effluent lab results were below standard. Troubleshoot and adjust Air Stripper to achieve better results.	Nov-12
Mr Cs Building Remodel	The Mr Cs building is being remodeled - In May, it included siding and lights around the Treatment Room. Photo document the remodeling.	Aug-12
Mr Cs Parking Lot Repaving	During early June the paved parking lot is being repaved. Talk to property manager and paving contractors about MWs and UEs. Photo document the remodeling.	Jun-12
Auto Alarm will not program	Remove Verbatim Auto Alarm and send to RACO for repair. Reinstall repaired unit.	Jun-12
Replace Discharge Vent Cap	Air Stripper exhaust vent is not large enough and creates too much backpressure. Replace existing cap with one that has a larger exhaust vent.	Oct-12
Replace Panelview Bulb	OEM bulb burns very hot and is expensive to replace. Replace with aftermarket bulb that burns cooler and lasts longer.	Oct-12
PW-6 and PW-7 are not pumping down	Inspect and clean pump and transducer. Suspect horizontal lines are clogged with iron oxide/sediment. Inspect pitless adapter to gauge condition of horizontal lines; awaiting Work Plan approval to get replacement pumps. Replace existing pumps with stronger units and treat system with CLR.	Nov-12
PW-8 is not pumping down	Inspect/clean pump & transducer. Suspect horizontal lines are clogged with iron oxide/sediment. Inspect pitless adapter to gauge condition of horizontal lines; Replace existing pumps with stronger units and treat system with CLR.	Dec-12
Blower #2 makes loud noise	Fan seems to have slipped off of the motor shaft. Disassemble, inspect and repair.	in progress
Temperature Alarm dials in very cold weather	Instal electric heater from Agway Shed to sump box corner to warm Main Control Panel	Jan-13
PW-8 cycles erratically	Transducer appears to be defective. Inspect and clean transducer and aneroid bellows.	in progress

Mr. C's CLEANERS OM&M

SUMMARY OF WATER PUMP MAINTENANCE BY IEG - 2012

as of Jan 2013

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, Jan 12	Feb 08, Jan 12	May-10			May 10, Jan 12					
PW - 2	Aug 09, May 10	Jul-08				Nov 11 May 10	Sep 09, Nov 11		Aug-09	Nov-11	Sep-09
PW - 3	Aug 09, May 10	Jul 08, Dec 11		Repair adapter		Aug 09, Nov 11	Nov-11		Aug-09	Nov-11	
PW - 4	Sep 09, May 10, Jan 12	Dec 07, Jan 12				May 10, Nov 11	Nov-11		Jul 09, Sep 09	Sep 09, Nov 11	Sep-09
PW - 5	Jan-12	Jul 08, Jan 12				Mar-11	Jan-12	Sep-09		Jan-12	
PW - 6	Jul 09, Jul 12, Nov 12	Aug 12, Nov 12			Jul 12, Nov 12	Aug 09, Jul 12, Dec 12	Sep-09		Aug-09	Aug 09, Sep 09	Jul 09, Sep 09
PW - 7	Aug 11, Mar 12, Jul 12, Nov 12	Oct 10, Nov 12			Jul 12, Nov 12	Oct 10, Aug 11, Mar 12, Jul 12, Dec 12			Aug 09, May 10, Aug 11		
PW - 8	May 10, Aug 11, Jul 12, Dec 12	Sep 09, Aug 11, Dec 12			Pipe 8/09, Jul 12	May 10, Aug 11, Jul 12, Dec 12			Aug 09, May 10, Aug 11		

Mr. C's CLEANERS OM&M

SUMMARY OF WATER PUMP STATUS - 2012

as of Jan 2013

ID	NEEDS CLEANING & INSPECTION	NEEDS NEW PUMP	NEEDS NEW INNER RING	NEEDS P.A. OR PIPE	NEEDS WELL CLEAN-OUT	PITLESS ADAPTER	NEEDS HORIZONTAL LINE PURGE	NEEDS TRANSDUCER INSPECTION	NEEDS NEW TRANSDUCER	NEEDS ANEROID BELLOWS	NEEDS U.E. CLEANED	NEEDS U.E. REPAIR
RW-1	DONE 1/12	NO	PZ-1B		YES			NO	NO	NO	NO	YES - bolts
PW-2	NO	NO	NO		YES			NO		NO	NO	YES - bolts
PW-3	NO	NO	NO	REPAIRED 8/09	DONE 8/09			NO		NO	NO	NO
PW-4	DONE 1/12	NO	YES		DONE 9/09			NO		NO	NO	YES - Asphalt patch
PW-5	DONE 1/12	NO	NO		YES			NO	DONE 1/12	DONE 1/12	NO	NO
PW-6	YES	YES	NO	Replaced pipe 8/09	DONE 8/09		NO	NO	NO	DONE 9/09	NO	DONE
PW-7	NO	NO	NO	Replaced pipe 8/09	YES	YES	NO	NO	NO	DONE	NO	NO
PW-8	NO	DONE 8/11	NO	Replaced pipe 8/09	NO	YES	YES	YES	NO	YES	NO	NO

Attachment B
Analytical Report from
Mitkem Laboratories

Analytical Data Package Work Order ID: M0012
Sampled: January 7, 2013
Received: January 8, 2013

Report Date:
14-Jan-13 10:58

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: M0012
Project : Mr. C's Dry Cleaning
Project #: 4500000623/EN-003229-0001-03TTO

Attn: Michael Steffan

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
M0012-01	INFLUENT	Aqueous	07-Jan-13 13:30	08-Jan-13 10:50
M0012-02	EFFLUENT	Aqueous	07-Jan-13 14:00	08-Jan-13 10:50

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 Spectrum Analytical.

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 DoD Environmental Laboratory Accreditation Program (ELAP), holds Organic and Inorganic contracts under the USEPA CLP Program and is certified under several states. The current list of our laboratory approvals and certifications is available on the Certifications page on our web site at www.spectrum-analytical.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
Florida	E87664
Maine	2007037
Massachusetts	M-RI907
New Hampshire	2631
New Jersey	RI001
New York	11522
North Carolina	581
Rhode Island	LAI00301
USDA	P330-08-00023
USEPA - ISM	EP-W-09-039
USEPA - SOM	EP-W-11-033

NELAP ACCREDITED TNI LABORATORY

LABORATORY ACCREDITATION BUREAU ACCREDITED
Certificate # L2247 Testing

Authorized by:

Yihai Ding
Laboratory Director

Sample Transmittal Documentation

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

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

List preservative code below: — 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
M0012 01	INFLUENT	1/7/13	1:30 P	G	GW				1	✓		
	INFLUENT		1:30 P	G	GW				1		✓	
	INFLUENT		1:30 P	G	GW	2						✓
M0012 02	EFFLUENT		2:00 P	G	GW				1	✓		
	EFFLUENT		2:00 P	G	GW				1		✓	
	EFFLUENT		2:00 P	G	GW	2						✓

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

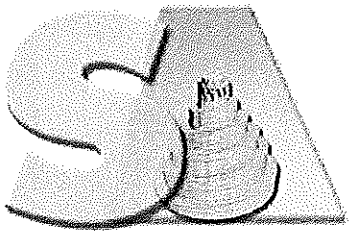
State specific reporting standards: _____

Please send (2) sample kits and our lyer Environmental cooler!

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

Condition upon receipt: ☒ Iced ☐ Ambient ☒ °C 2

Relinquished by:	Received by:	Date:	Time:
Richard C Allen Jr		1/8/13	10:50



SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

* Volatiles *

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

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.: M0012 Mod. Ref No.: SDG No.: SM0012

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M0012-01A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1M0173.D

Level: (TRACE/LOW/MED) LOW Date Received: 01/08/2013

% Moisture: not dec. Date Analyzed: 01/08/2013

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) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
67-64-1	Acetone	50	U
75-15-0	Carbon disulfide	10	U
75-09-2	Methylene chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-butyl ether	5.9	J
75-34-3	1,1-Dichloroethane	10	U
78-93-3	2-Butanone	50	U
156-59-2	cis-1,2-Dichloroethene	28	
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	61	
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	1000	
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.: M0012 Mod. Ref No.: SDG No.: SM0012

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M0012-01A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1M0173.D

Level: (TRACE/LOW/MED) LOW Date Received: 01/08/2013

% Moisture: not dec. Date Analyzed: 01/08/2013

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) UG/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.: M0012 Mod. Ref No.: SDG No.: SM0012

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M0012-02A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1M0172.D

Level: (TRACE/LOW/MED) LOW Date Received: 01/08/2013

% Moisture: not dec. Date Analyzed: 01/08/2013

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) UG/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	4.9	J
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	0.91	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

EPA SAMPLE NO.

EFFLUENT

Lab Name: SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: MITKEM Case No.: M0012 Mod. Ref No.: SDG No.: SM0012

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M0012-02A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1M0172.D

Level: (TRACE/LOW/MED) LOW Date Received: 01/08/2013

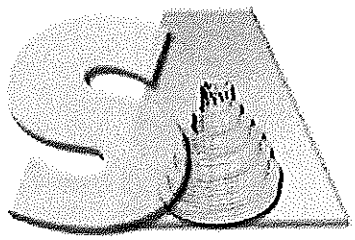
% Moisture: not dec. Date Analyzed: 01/08/2013

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) UG/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



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* Wet Chemistry *

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

01/11/2013

Client: Ecology and Environment Engineering P.C.
Client Sample ID: INFLUENT
Lab ID: M0012-01

Project: Mr. C's Dry Cleaning
Collection Date: 01/07/13 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	01/10/2013 8:01	70044
SM 4500 H+ B -- pH VALUE							**SM4500_H+**
pH	7.0		1.0	S.U.	1	01/08/2013 13:15	R71866

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

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

01/11/2013

Client: Ecology and Environment Engineering P.C.
Client Sample ID: EFFLUENT
Lab ID: M0012-02
Project: Mr. C's Dry Cleaning
Collection Date: 01/07/13 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	01/10/2013 8:04	70044
SM 4500 H+ B -- pH VALUE							**SM4500_H+**
pH	8.1		1.0	S.U.	1	01/08/2013 13:20	R71866

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 2013

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

ATTACHMENT C

NYSDEC Work Assignment #DC13.02.01.01

12 Months of System Operation and Maintenance

January 2013 Report

Utility Budget:	
Electric:	$15,800.00
Telephone:	$540.00
Gas	$1,120.00
Total:	$17,460.00

Gas, Telephone, and Electric

Utility Provider	Account #	E&E Cost Center	Description	Jan-2012	Feb-2012	Mar-2012	Apr-2012	May-2012	Jun-2012
New York State E&G	1001-0310-422	EN-003229-0001-03TTO	Mr. C's Electric Costs						
New York State E&G	76-311-11-015900-18		Agway Site - Electric						
National Fuel Gas	5819628-05	EN-003229-0001-03TTO	Mr. C's Natural Gas Costs	$46.63					
			Totals	$ 46.63	$ -	$ -	$ -	$ -	$ -

	Jul-2012	Aug-2012	Sep-2012	Oct-2012	Nov-2012	Dec-2012	Ave. /Month
Mr. C's Electric Costs							$ -
Agway Electric							$ -
Mr. C's Natural Gas Costs							$ 46.63
Totals	$0.00	$ -	$ -	$ -	$ -	$ -	$ 46.63

		Notes:
Electric (Both sites)	$0.00	
Natural Gas	$ 46.63	Overbilled natural gas costs - no charges
Grand Total - NYSE&G/National Fuel Gas Costs To Date	**$ 46.63**	Estimated Reading $ 333.44 in red -adjusted billing

Phone

Utility Provider	Phone #	E&E Cost Center	Location Description	Jan-2012	Feb-2012	Mar-2012	Apr-2012	May-2012	Jun-2012
Verizon	716-652-0094	EN-003229-0001-03TTO	Mr. C's Telephone Costs						
Account #									
716 652 0094 416 26 2									

	Jul-2012	Aug-2012	Sep-2012	Oct-2012	Nov-2012	Dec-2012	Ave./Month
EN-003229-0001-03TTO							$ -

Grand Total - Verizon Costs to Date	$ -
Grand Total All Utilities To Date	$ 46.63

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

ATTACHMENT C

NYSDEC Work Assignment #DC13

12 Months of System Operation and Maintenance

January 2013 Report

	Optimum Operating Hours	Actual Operating Hours	Up-time Percentage	Capacity	Comments:
January-13	672	576	85.71%	13.8%	Mild January
February-13			#DIV/0!		
March-13			#DIV/0!		
April-13			#DIV/0!		
May-13			#DIV/0!		
June-13			#DIV/0!		
July-13			#DIV/0!		
August-13			#DIV/0!		
September-13			#DIV/0!		
October-13			#DIV/0!		
November-13			#DIV/0!		
December-13			#DIV/0!		
Totals to Date	**672**	**576**	**85.71%**		

Budget Remaining:

Electric:	**$15,800.00**
Telephone:	**$540.00**
Gas	**$1,073.37**
Total:	**$17,413.37**

* 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	**$**	-			
Agway Electric	**$**	-			
Mr. C's Gas	**$**	**46.63**			
Mr. C's Telephone	**$**	-			
Ave. Utility Cost Total	**$**	**46.63**	**times**	**12 Month Estimate**	**$606.19**