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Lancaster, New York 14086
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March 8, 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
February 2013 Operations, Maintenance, and Monitoring Report

Dear Mr. Welling:

Ecology and Environment Engineering, P.C. (EEEPC) is pleased to provide the February 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 February 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 2/4/13, 2/20/13, and 3/4/13. Based on the inspection results performed by IEG, the remedial treatment system had an 88.39% operational up-time (Table 1) and the treatment of contaminated groundwater totaling of 242,509 gallons (Table 2) for February 2013.
- On March 1, the air blower system was shut down due a power outage. The system was re-energized on March 4. It was diagnosed as an electrical problem with the 3-phase electrical coming into the blowers. The downtime will affect the uptime of operations for the month.
- The monthly compliance sampling occurred on February 4, 2013, with the analytical results received on February 11, 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 February 2013 were 5.00 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 1112.2 µg/L or 1112.2 ppb, and 12.44 µg/L or 12.44 ppb of treated effluent. PCE effluent concentrations were 5.00 µg/L or 5.00 ppb which is under the 10 µg/L or 10 ppb limit. The summary of influent and effluent contaminant concentrations for the February 2013 sampling event is presented in Table 4.
- The cleanup efficiency for the contaminants of concern at the site during the reporting / operating period 2/4/13 to 3/4/13 was 98.88%. 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 February 2013 is presented in Table 3.
- The Mr. C's treatment system based on the total monthly flows has effectively removed 2.23 lbs. of targeted contaminants from the groundwater below the site in the month of February 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 (586 Main Street) – DelTora LLC – Owner - Mr. Paul Bendrowski – 231-313-1954 (Traverse City, MI) – Local Point of Contact – Bob Kowal - . 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.
- Contact again was made on December 13, 2012, from (Liz Megan, Architect, 716-901-3029) regarding the redevelopment of the former Agway for a single story building without a basement. Information forthcoming on conceptual design for the Agway site. Contact information was passed onto NYSDEC PM regarding the discussion.
- EEEPC performed review of the conceptual plan for a building at the 566 Main Street site. Conflicts are observed with the pumping and monitoring wells at the site. Site documents and calculations regarding the amount of groundwater pumped and concentrations that attribute to the levels of contamination were issued to the NYSDEC PM.

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.
- Site inspection of facility on February 20, 2013, revealed that the south SSDS unit was shut off. System was switched back on by field staff. EEEPC to review the removal of the switch for this fan to provide continuous operations.

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 March 2013. Bioaugmentation field work injections to be performed in May 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. National Grid has disconnected the power to the Agway system.

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 February 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- EN-003229-0001-06TTO

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 12/31/12)	**87,871.50**	**96.63%**
January 7, 2013 - February 4, 2013	576	85.71%
February 4, 2013 - March 4, 2013	594	88.39%
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Total Hours from System Startup '2/02'	**89,041.50**	
Average Operational Up-time from startup =		**96.49%**
Average Operational Up-time for 2013 =		**87.05%**

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 - 12/4/12**	**118,436,077**
January 2013[3]	1/7/13 - 2/4/13	261,527
February 2013[3]	2/4/13 - 3/4/13	242,509
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		**504,036**
Total Gallons Treated To Date:		**118,940,113**

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	February 4, 2013 - Effluent Analytical Values - Compliance
Flow	N/A	gpd	8,661
pH	6.0 - 9.0	standard units	8.20
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	0.82 J
Trichloroethene	10	µg/L	ND(<1.0)
Tetrachloroethene	10	µg/L	5.0
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	0.82 J
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	540
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 February 4, 2013 through March 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.

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
February 2013 VOC Analytical Summary

Compound	Based on the 2/4/13 Effluent Sampling Results				
	Influent Concentration* (ug/L)		Effluent Concentration* (ug/L)		Cleanup Efficiency** (%)
Acetone	ND (<50.0)	U	5.80		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	36.0		0.82	J	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)	8.2	J	0.82	J	100.00%
Tetrachloroethene	1000.0		5.00		99.50%
Toluene	ND (<10.0)	U	ND (<1.0)	U	NA
Trichloroethene	68.0		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
February 2013 TOTALs (in ug/L) =	**1112.2**		**12.44**		**98.88%**

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	01/7/13 - 2/4/13	1094.9	0.91	2.39
February 2013	2/4/13 - 3/4/13	1112.2	12.44	2.23
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 =	**1,561.07**
			Total pounds of VOCs removed in 2013 =	**4.61**

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

<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
February 2013

Including:

2/4/13

2/20/13

3/4/13

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

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: 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: SITE INSPECTION FORM

DATE: 20-Feb-13 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: D. Iyer OTHER PERSONNEL: ------

WEATHER CONDITIONS: cloudy, very cold OUTSIDE TEMPERATURE (°F): 16

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

PW-6 is OFF due to maintenance problems.

PW-8 is OFF due to maintenance problems.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: √	OFF:	5 ft	PW-5	ON: √	OFF:	7 ft
PW-2	ON:	OFF: √	6 ft	PW-6	ON:	OFF: √	20 ft
PW-3	ON: √	OFF:	5 ft	PW-7	ON:	OFF: √	7 ft
PW-4	ON:	OFF: √	7 ft	PW-8	ON:	OFF: √	65508 ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 2/18/13 alarm #12 (room temperature low)

NOTES:

INFLUENT FLOW RATE: 11 gpm INFLUENT TOTALIZER READING: 6,964,628.0 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:	11	0 psi

INFLUENT FEED PUMP IN USE: #1 √ #2 _____ INFLUENT PUMP PRESSURE: 12 psi

AIR STRIPPER BLOWER IN USE: #1 √ #2 _____ AIR STRIPPER PRESSURE: 10.0 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: 4.5 psi

EFFLUENT FLOW RATE: 96 gpm EFFLUENT TOTALIZER READING: 70,444,330 | 941878 gallons

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

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

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

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

20-Feb-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 MWs and UEs.

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

Remarks: Redux system is temporarily OFF. Have to order Redux.

Other Actions: Effluent Pump motor #2 has a rattle when it starts up and shuts down.

Responded to alarm #2 2/18/13 (low room temperature)

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-Mar-13 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen OTHER PERSONNEL: Acome Construction

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

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

PW-6 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:	5	ft
PW-2	ON:	OFF: √	6 ft	PW-6	ON:	OFF: √	65507	ft
PW-3	ON:	OFF: √	6 ft	PW-7	ON:	OFF: √	4	ft
PW-4	ON: √	OFF:	22 ft	PW-8	ON:	OFF: √	65508	ft

EQUALIZATION TANK: 3 ft Last Alarm D/T/Condition: 2/15/13 Air Stripper Low Level

NOTES: PW-4 - turned OFF because transducer reading remains at 22

INFLUENT FLOW RATE: 5 gpm INFLUENT TOTALIZER READING: 7,093,906.0 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

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: 12 psi

AIR STRIPPER BLOWER IN USE: #1 √ #2 _____ AIR STRIPPER PRESSURE: 10.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.004 in. H_2O DISCHARGE PRESSURE: 3.5 in. H_2O

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

EFFLUENT FLOW RATE: 112 gpm EFFLUENT TOTALIZER READING: 70,519,343 | 14990 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: 7.0 in. TREATMENT BUILDING CLEAN & ORGANIZED? YES: √ NO: _____

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

4-Mar-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 is covering many MWs and UEs.

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

Remarks: Need sample kit - cold bottles and HNO3 bottles

Other Actions: Removed Blower #2 motor and delivered to S&S Electric for repair.

Effluent Pump #2 makes loud rattle upon start up and shut off.

Respond to AutoDialer - system not running. Electricity entering large breaker box is compromized;

Notified Intrepid Automotive, Ramsey and NYSEG - NYSEG corrected bad contact in one phase at power pole

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 CLEANERS OM&M

SUMMARY OF FIELD ACTIVITIES BY IEG - 2/2013

DATE	ACTIVITY
4-Feb	OM&M Weekly Inspection and Sampling. Changed bag filters.
5-Feb	End of month summaries
11-Feb	OM&M Weekly Inspection. PW-8 - inspect and clean transducer. Clean Air Stripper through access ports with electric power sprayer.
12-Feb	OM&M office work
15-Feb	Changed bag filters
18-Feb	Respond to AutoDialer
20-Feb	OM&M Weekly Inspection
28-Feb	OM&M Weekly Inspection.

Mr. C's CLEANERS OM&M
STATUS OF FIELD ACTIVITIES BY IEG - 2/2013

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 brokent/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 - 2013

as of Feb 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 - 2013

as of Feb 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: M0146
Sampled: February 4, 2013
Received: February 11, 2013

Report Date:
11-Feb-13 15:15

SPECTRUM ANALYTICAL, INC.
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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: M0146
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
M0146-01	INFLUENT	Aqueous	04-Feb-13 14:00	05-Feb-13 10:19
M0146-02	EFFLUENT	Aqueous	04-Feb-13 14:00	05-Feb-13 10:19

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
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CHAIN OF CUSTODY RECORD

Page 1 of 1

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

Report To: E & E, Inc
368 Pleasantview Dr
Lancaster, NY 14086

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
M0146-01	INFLUENT	2/4/13	2:00 P	G	GW				1	✓		
-01	INFLUENT		2:00 P	G	GW				1		✓	
-01	INFLUENT		2:00 P	G	GW	2						✓
-02	EFFLUENT		2:00 P	G	GW				1	✓		
-02	EFFLUENT		2:00 P	G	GW				1		✓	
M0146-02	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:

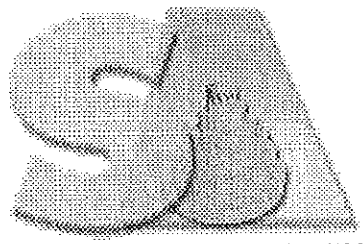
Please send (1) sample kit to replace this kit and (1) additional for emergencies.

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

Relinquished by:	Received by:	Date:	Time:
Richard C Allen Jr		2/5/13	10:19

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

IR



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

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 #: M0146

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: V5
Instrument Type: GCMS-VOA
Description: HP6890 / HP6890
Manufacturer: Hewlett-Packard
Model: 6890 / 6890

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 with the following exceptions. Please note that most test procedures allow for several compounds outside of the QC limits for the LCS, although this may indicate a bias for this specific compound.

LCS-70405 in batch 70405, Percent Recovery is outside QC Limits, recovery is above criteria for Bromodichloromethane at 121% with criteria of (75-120).

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 samples were analyzed at dilution:

INFLUENT (M0146-01A) : Dilution Factor: 10

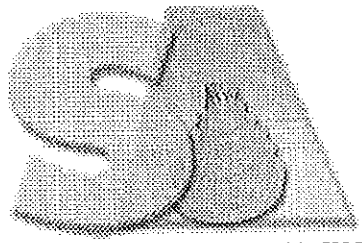
G. Samples:

No other unusual occurrences were noted during sample analysis.

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

Signed:_____ _____

Date:_____2/11/2013_____



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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

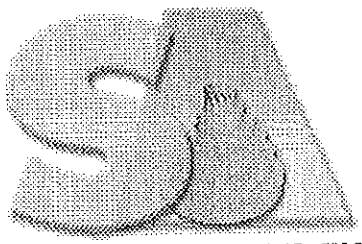
E — This flag indicates the compound concentration exceeded the Calibration Range. The E flag has an alternative meaning for Inorganics analyses reported using CLP metals forms, indicating an estimated concentration due to the presence of interferences, as determined by the serial dilution analysis.

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.



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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.: M0146 Mod. Ref No.: SDG No.: SM0146

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M0146-01A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V501526.D

Level: (TRACE/LOW/MED) LOW Date Received: 02/05/2013

% Moisture: not dec. Date Analyzed: 02/06/2013

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	50	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-09-2	Methylene chloride	10	U
156-60-5	trans-1,2-Dichloroethene	8.2	J
1634-04-4	Methyl tert-butyl ether	10	U
75-34-3	1,1-Dichloroethane	50	U
78-93-3	2-Butanone	36	
156-59-2	cis-1,2-Dichloroethene	10	U
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	68	
79-01-6	Trichloroethene	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	50	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	1000	
127-18-4	Tetrachloroethene	50	U
591-78-6	2-Hexanone	10	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)		

SW846

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.: M0146 Mod. Ref No.: SDG No.: SM0146

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M0146-01A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V5O1526.D

Level: (TRACE/LOW/MED) LOW Date Received: 02/05/2013

% Moisture: not dec. Date Analyzed: 02/06/2013

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

CLIENT SAMPLE NO.

EFFLUENT

Lab Name: SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: MITKEM Case No.: M0146 Mod. Ref No.: SDG No.: SM0146

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M0146-02A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V501525.D

Level: (TRACE/LOW/MED) LOW Date Received: 02/05/2013

% Moisture: not dec. Date Analyzed: 02/06/2013

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	5.8	
75-15-0	Carbon disulfide	1.0	U
75-09-2	Methylene chloride	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
1634-04-4	Methyl tert-butyl ether	0.82	J
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	0.82	J
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	5.0	U
108-10-1	4-Methyl-2-pentanone	1.0	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	5.0	
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	1.0	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

SW846

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.: M0146 Mod. Ref No.: SDG No.: SM0146

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M0146-02A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V5O1525.D

Level: (TRACE/LOW/MED) LOW Date Received: 02/05/2013

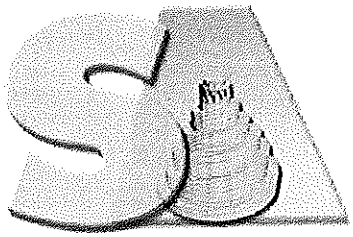
% Moisture: not dec. Date Analyzed: 02/06/2013

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



SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

* Wet Chemistry *

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 #: M0146

SM 2340B, SM 4500 H+ B

I. SAMPLE RECEIPT

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

II. HOLDING TIMES

A. Sample Preparation:

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

B. Sample Analysis:

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

III. METHODS

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

IV. PREPARATION

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

V. INSTRUMENTATION

The following instrumentation was used to perform analysis:

Instrument Code: OPTIMA3
Instrument Type: ICP
Description: Optima ICP-OES
Manufacturer: Perkin-Elmer
Model: 4300 DV

Instrument Code: WC03
Instrument Type: Probe
Description: pH Meter
Manufacturer: Oakton Instruments
Model: Bench 2700 Series

VI. ANALYSIS

A. Calibration:

Calibrations met the method/SOP acceptance criteria.

B. Blanks:

All method blanks were within the acceptance criteria.

C. Spikes:

1. Laboratory Control Spikes (LCS):

2. Matrix spike (MS):

A matrix spike was not performed on any sample in this SDG.

D. Post Digestion Spike (PDS):

A post-digestion spike was not performed on any sample in this SDG.

E. Duplicate sample:

Duplicate analysis was performed on sample: EFFLUENT (M0146-02BDUP).

Relative percent difference was within the QC limits.

F. Serial Dilution (SD):

A serial dilution was not performed on any sample in this SDG.

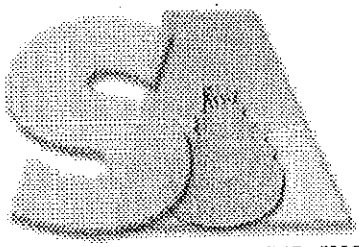
G. Samples:

No other unusual occurrences were noted during sample analysis.

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

Signed: _____

Date: 02/11/13



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

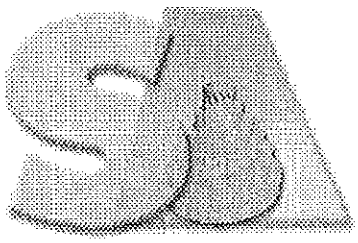
E — This flag indicates the compound concentration exceeded the Calibration Range. The E flag has an alternative meaning for Inorganics analyses reported using CLP metals forms, indicating an estimated concentration due to the presence of interferences, as determined by the serial dilution analysis.

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.



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Sample ID Suffixes

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

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

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

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

MS Matrix Spike.

MSD Matrix Spike Duplicate

DUP Duplicate analysis

SD Serial Dilution

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

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

02/07/2013

Client: Ecology and Environment Engineering P.C.
Client Sample ID: INFLUENT
Lab ID: M0146-01
Project: Mr. C's Dry Cleaning
Collection Date: 02/04/13 14:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SM 2340B -- HARDNESS by Calculation							**SM2340_W**
Hardness, Ca/Mg (As CaCO3)	530		4.0	mg/L CaCO3	1	02/06/2013 15:58	70383
SM 4500 H+ B -- pH VALUE							**SM4500_H+**
pH	7.3		1.0	S.U.	1	02/05/2013 13:00	R72242

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

02/07/2013

Client: Ecology and Environment Engineering P.C.
Client Sample ID: EFFLUENT
Lab ID: M0146-02
Project: Mr. C's Dry Cleaning
Collection Date: 02/04/13 14:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SM 2340B -- HARDNESS by Calculation							**SM2340_W**
Hardness, Ca/Mg (As CaCO3)	540		4.0	mg/L CaCO3	1	02/06/2013 16:02	70383
SM 4500 H+ B -- pH VALUE							**SM4500_H+**
pH	8.2		1.0	S.U.	1	02/05/2013 13:05	R72242

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

February 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	$ 1,695.55					
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	$ 27.50				
			Totals	$ 1,742.18	$ 27.50	$ -	$ -	$ -	$ -

	Jul-2012	Aug-2012	Sep-2012	Oct-2012	Nov-2012	Dec-2012	Ave. /Month
Mr. C's Electric Costs							$ 1,695.55
Agway Electric							$ -
Mr. C's Natural Gas Costs							$ 37.07
Totals	$0.00	$ -	$ -	$ -	$ -	$ -	$ 1,732.62

Electric (Both sites)	$1,695.55	Notes:
Natural Gas	$ 74.13	Overbilled natural gas costs - no charges
Grand Total - NYSE&G/National Fuel Gas Costs To Date	$ 1,769.68	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	**$ 1,769.68**

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

ATTACHMENT C

NYSDEC Work Assignment #DC13

12 Months of System Operation and Maintenance

February 2013 Report

Budget Remaining:

Electric:	$14,104.45
Telephone:	$540.00
Gas	$1,045.87
Total:	$15,690.32

	Optimum Operating Hours	Actual Operating Hours	Up-time Percentage	Capacity	Comments:
January-13	672	576	85.71%	13.8%	Mild January
February-13	672	594	88.39%	8.7%	Mild February
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	**1344**	**1170**	**87.05%**		

* 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	$	1,695.55			
Agway Electric	$	-			
Mr. C's Gas	$	37.07			
Mr. C's Telephone	$	-			
Ave. Utility Cost Total	$	1,732.62	**times**	**12 Month Estimate**	**$22,524.00**