



ecology and environment engineering, p.c.

International Specialists in the Environment

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May 9, 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
April 2013 Operations, Maintenance, and Monitoring Report

Dear Mr. Welling:

Ecology and Environment Engineering, P.C. (EEEEPC) is pleased to provide the April 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 bi-monthly inspection reports prepared by EEEEEPC'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 EEEEEPC. 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 April 2013, EEEEEPC 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 4/3/13, 4/15/13, 4/29/13, and 5/6/13. Based on the inspection results performed by IEG, the remedial treatment system had a 100% operational up-time (Table 1) and the treatment of contaminated groundwater totaling of 398,999 gallons (Table 2) for April 2013.
- PW-4 and PW-6 pumps were operational for the whole month of April, but the level transducers and pumps need to be inspected and serviced.
- On the weekly inspection of April 15, 2013, PW-4 collapsed inner ring. Puddles were covering some MWs and water found in the J-box. Surface repair PW-4 casing to be performed in May 2013.
- For PW-8, the transducer was cleansed with CLR, and the aneroid bellows were replaced. PW-8 was returned to operational status on April 15, 2013.
- The treatment building louver vent cover above mandoor was removed for the summer season.
- For PW-2, the well pump was replaced with a new pump. Also the level transducer was cleaned. The unit was tested and pumping location was returned to active operation.
- The filters in the bag filter unit were changed on April 15, 2013.

Mr. William Welling, Project Manager

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- The monthly compliance sampling occurred on April 3, 2013, with the analytical results received on April 10, 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 (see Table 3).
- The PCE effluent results for April 2013 were 5.8 µg/L. The analytical results revealed the total volatile organic contaminant concentrations of the influent to be 1744 µg/L or 1744 ppb, and 5.8 µg/L or 5.8 ppb of treated effluent. PCE effluent concentrations were 5.8 µg/L or 5.8 ppb which is under the 10 µg/L or 10 ppb limit. The summary of influent and effluent contaminant concentrations for the March 2013 sampling event is presented in Table 4.
- The cleanup efficiency for the contaminants of concern at the site during the reporting / operating period 4/3/13 to 5/6/13 was 99.67%. 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 April 2013 is presented in Table 3.
- The Mr. C's treatment system based on the total monthly flows has effectively removed 5.79 lbs. of targeted contaminants from the groundwater below the site in the month of April 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. The electric meter was removed by NYSEG on April 16, 2013.
- 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 was performed in March 2013. Bioaugmentation field work injections to be performed approximately May 20, 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. The meter and wiring removed by National Grid (NYSEG) on April 16, 2013.

Soil Vapor Intrusion Investigation Program

- Soil vapor intrusion investigation, surveys, and sampling were performed at three out four properties surrounding the Mr. C’s site on March 6, 7, and 20, 2013. The three properties included the Mr. C’s Indoor Air (586 Main Street), The Browschidle building (578-580 Main Street), and the Doeing Building (572-576 Main Street). The Pitt property (19 Whaley Avenue) would not allow access.
- Analytical results have been received for all three locations and a report was delivered to NYSDEC and NYSDOH on May 7, 2013.

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.

Mr. William Welling, Project Manager

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If you have questions regarding the April 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.

A handwritten signature in black ink that reads "Michael G. Steffan". The signature is written in a cursive style with a long horizontal flourish at the end.

Michael G. Steffan

Project Manager

cc: D. Szymanski, Region 9, NYSDEC - Buffalo w/ attachments

D. Iyer, IEG - w/attachments

CTF- EN-003229-0001-03TTO

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%
March 4, 2013 - April 3, 2013	720	100.00%
April 3, 2013 - May 6, 2013	792	100.00%
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		#DIV/0!
		#DIV/0!
Total Hours from System Startup '2/02'	90,553.50	
Average Operational Up-time from startup =		96.55%
Average Operational Up-time for 2013 =		93.91%

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	3/4/13 - 4/3/13	321,888
April 2013 ³	4/3/13 - 5/6/13	398,999
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		1,224,923
Total Gallons Treated To Date:		119,661,000

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	April 9, 2013 - Effluent Analytical Values - Compliance
Flow	N/A	gpd	12,091
pH	6.0 - 9.0	standard units	8.30
1,1 Dichloroethene	10	µg/L	ND(<1.0)
1,1 Dichloroethane	10	µg/L	ND(<1.0)
cis-1,2-dichloroethene	10	µg/L	ND(<1.0)
Trichloroethene	10	µg/L	ND(<1.0)
Tetrachloroethene	10	µg/L	5.8
Vinyl Chloride	10	µg/L	ND(<1.0)
Benzene	5	µg/L	ND(<1.0)
Ethylbenzene	5	µg/L	ND(<1.0)
Methylene Chloride	10	µg/L	ND(<1.0)
1,1,1 Trichloroethane	10	µg/L	ND(<1.0)
Toluene	5	µg/L	ND(<1.0)
Methyl-t-Butyl Ether (MTBE)	NA	µg/L	ND(<1.0)
o-Xylene ²	5	µg/L	NA
m, p-Xylene ²	10	µg/L	NA
Total Xylenes	NA	µg/L	ND(<1.0)
Iron, total	600	µg/L	NA ³
Aluminum	4,000	µg/L	NA ³
Copper	48	µg/L	NA ³
Lead	11	µg/L	NA ³
Manganese	2,000	µg/L	NA ³
Silver	100	µg/L	NA ³
Vanadium	28	µg/L	NA ³
Zinc	230	µg/L	NA ³
Total Dissolved Solids	850	mg/L	NA ³
Total Suspended Solids	20	mg/L	NA ³
Hardness	N/A	mg/L	650
Cyanide, Free	10	µg/L	NA ³

NOTES:

- "Daily Maximum" excerpted from Attachment E of Addendum 1 to the Construction Contract Documents dated October 2000.
- Analytical report did not differentiate between o-Xylene and m, p-Xylene. Total Xylene value reported is given in each line.
- Shaded cells indicate that analytical value exceeds the "Daily Maximum."
- "ND" indicates that the compound was not detected and lists the practical quantitation limit in parentheses.
- "NA" indicates that analyses were not performed and data is unavailable.
- Average flows based on effluent readings taken April 3, 2013 through May 6, 2013. Total gallons: 398,999 divided by 33 operating days.
- "J" indicates an estimated value below the detection limit.
- "B" indicates analyte found in the associated blank.
- Removed from the required analysis list by NYSDEC Region 9 in February 2005.

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
April 2013 VOC Analytical Summary

Compound	Based on the 4/10/13 Effluent Sampling Results		
	Influent Concentration* (ug/L)	Effluent Concentration* (ug/L)	Cleanup Efficiency** (%)
Acetone	ND (<50.0)	U	NA
Benzene	ND (<10.0)	U	NA
2-Butanone	ND (<50.0)	U	NA
cis-1, 2-Dichloroethene	45.0	U	100.00%
Chloroform	ND (<10.0)	U	NA
Methylene chloride	ND (<10.0)	U	NA
Methyl tert-butyl ether (MTBE)	ND (<10.0)	U	NA
Tetrachloroethene (PCE)	1600.0	5.80	99.64%
Toluene	ND (<10.0)	U	NA
Trichloroethene (TCE)	99.0	U	100.00%
Carbon Disulfide	ND (<10.0)	U	NA
1,1,2 Trichloro-1,2,2-trifluoroethane	ND (<10.0)	U	NA
Cyclohexane	ND (<10.0)	U	NA
trans-1,2-dichloroethene	ND (<10.0)	U	NA
Chlorobenzene	ND (<10.0)	U	NA
Methylcyclohexane	ND (<10.0)	U	NA
Methyl acetate	ND (<10.0)	U	NA
Total Xylenes	ND (<10.0)	U	NA
April 2013 TOTALS (in ug/L) =	1744.0	5.80	99.67%

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 from 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	3/4/13 - 4/3/13	1306.0	23.65	3.44
April 2013	4/3/13 - 5/6/13	1744.0	5.80	5.79
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 =				1,570.30
Total pounds of VOCs removed in 2013 =				13.84

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 µg/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:

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

Attachment A
IEG Weekly Inspection Reports
April 2013

Including:

4/3/13

4/15/13

4/29/13

5/6/13

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

DATE: 3-Apr-13 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen OTHER PERSONNEL:

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

ARE WELL PUMPS OPERATING IN AUTO: YES: NO: ✓ If "NO", provide explanation below
PW-2, PW-4, PW-6 and PW-8 are OFF due to maintenance problems.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: <u> </u>	OFF: <u>✓</u>	<u>8</u> ft	PW-5	ON: <u> </u>	OFF: <u>✓</u>	<u>6</u> ft
PW-2	ON: <u>✓</u>	OFF: <u> </u>	<u>10</u> ft	PW-6	ON: <u> </u>	OFF: <u>✓</u>	<u>65507</u> ft
PW-3	ON: <u> </u>	OFF: <u>✓</u>	<u>5</u> ft	PW-7	ON: <u> </u>	OFF: <u>✓</u>	<u>5</u> ft
PW-4	ON: <u>✓</u>	OFF: <u> </u>	<u>13</u> ft	PW-8	ON: <u> </u>	OFF: <u>✓</u>	<u>65507</u> ft

EQUALIZATION TANK: 5 ft Last Alarm DTT/Condition: 3/14/13 Air Stripper Low Level

NOTES:

INFLUENT FLOW RATE: 27 gpm INFLUENT TOTALIZER READING 7,629,082.0 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:	<u>0</u>	<u>0</u> psi	RIGHT:	<u>6</u>	<u>0</u> psi

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

AIR STRIPPER BLOWER IN USE: #1 ✓ #2 AIR STRIPPER PRESSURE: 15.0 in. H₂O
 AIR STRIPPER DIFFERENTIAL PRESSURE: 0.003 in. H₂O DISCHARGE PRESSURE: 3.2 in. H₂O

EFFLUENT PUMP IN USE: #1 #2 ✓ EFFLUENT FEED PUMP PRESSURE: 5.0 psi
 EFFLUENT FLOW RATE: 116 gpm EFFLUENT TOTALIZER READING: 70,841,231 343780 gallons

ARE BUILDING HEATERS IN USE? YES: ✓ NO: INSIDE TEMPERATURE (° F): 58

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

3-Apr-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. Puddles are covering some MWs and UEs.

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

Remarks: _____

Other Actions: _____

AGWAY

SYSTEM VACUUM: _____ in. H ₂ O			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: <u>15-Apr-13</u>		ACTIVITIES: <u>Site Inspection</u>									
INSPECTION PERSONNEL: <u>R. Allen, D. Iyer</u>		OTHER PERSONNEL: _____									
WEATHER CONDITIONS: <u>Partly cloudy, cool</u>		OUTSIDE TEMPERATURE (°F): <u>45</u>									
ARE WELL PUMPS OPERATING IN AUTO: YES: _____ NO: <input checked="" type="checkbox"/> If "NO", provide explanation below											
<u>PW-2, PW-4, PW-6 and PW-8 are OFF due to maintenance problems.</u>											
PROVIDE WATER LEVEL READINGS ON CONTROL PANEL											
RW-1	ON: _____	OFF: <input checked="" type="checkbox"/> <u>6</u> ft	PW-5 ON: _____ OFF: <input checked="" type="checkbox"/> <u>6</u> ft								
PW-2	ON: <input checked="" type="checkbox"/>	OFF: _____ <u>11</u> ft	PW-6 ON: _____ OFF: <input checked="" type="checkbox"/> <u>65508</u> ft								
PW-3	ON: <input checked="" type="checkbox"/>	OFF: _____ <u>6</u> ft	PW-7 ON: <input checked="" type="checkbox"/> OFF: _____ <u>5</u> ft								
PW-4	ON: <input checked="" type="checkbox"/>	OFF: _____ <u>14</u> ft	PW-8 ON: <input checked="" type="checkbox"/> OFF: _____ <u>22</u> ft								
EQUALIZATION TANK: <u>3</u> ft		Last Alarm D/T/Condition: <u>3/14/13 Air Stripper Low Level</u>									
NOTES: _____											
INFLUENT FLOW RATE: <u>12</u> gpm		INFLUENT TOTALIZER READING <u>7,842,656.0</u> gallons									
SEQUESTERING AGENT DRUM LEVEL: <u>6</u> inches		(x 1.7=) AMOUNT OF AGENT REMAINING: <u>10</u> gallons									
SEQUESTERING AGENT FEED RATE: _____ mL/min		METERING PUMP PRESSURE: _____ psi									
BAG FILTER PRESSURES:											
LEFT: <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="text-align: center;">Top</td><td style="text-align: center;">Bottom</td></tr><tr><td style="text-align: center;">0</td><td style="text-align: center;">0</td></tr></table> psi		Top	Bottom	0	0	RIGHT: <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="text-align: center;">Top</td><td style="text-align: center;">Bottom</td></tr><tr><td style="text-align: center;">8</td><td style="text-align: center;">0</td></tr></table> psi		Top	Bottom	8	0
Top	Bottom										
0	0										
Top	Bottom										
8	0										
INFLUENT FEED PUMP IN USE: #1 <input checked="" type="checkbox"/> #2 _____		INFLUENT PUMP PRESSURE: <u>12</u> psi									
AIR STRIPPER BLOWER IN USE: #1 <input checked="" type="checkbox"/> #2 _____		AIR STRIPPER PRESSURE: <u>18.0</u> in. H ₂ O									
AIR STRIPPER DIFFERENTIAL PRESSURE: <u>0.005</u> in. H ₂ O		DISCHARGE PRESSURE: <u>2.7</u> in. H ₂ O									
EFFLUENT PUMP IN USE: #1 _____ #2 <input checked="" type="checkbox"/>		EFFLUENT FEED PUMP PRESSURE: <u>3.0</u> psi									
EFFLUENT FLOW RATE: <u>118</u> gpm		EFFLUENT TOTALIZER READING: <u>70,972,345</u> <u>477410</u> gallons									
ARE BUILDING HEATERS IN USE? YES: _____ NO: <input checked="" type="checkbox"/>		INSIDE TEMPERATURE (°F): <u>68</u>									
IS SUMP PUMP IN USE: YES: <input checked="" type="checkbox"/> NO: _____		ARE ANY LEAKS PRESENT? YES: _____ NO: <input checked="" type="checkbox"/>									
WATER LEVEL IN SUMP: <u>6.0</u> in.		TREATMENT BUILDING CLEAN & ORGANIZED? YES: <input checked="" type="checkbox"/> NO: _____									

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

15-Apr-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.

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

Remarks: PW-8 ; cleaned transducer with CLR. Replaced aneroid bellows. Test OK. UE drain is clogged.

Other Actions: Removed vent cover from above man door for the season.

PW-2; replaced well pump with #3 new pump. Cleaned transducer. Test OK.

Changed bag filters.

AGWAY

SYSTEM VACUUM: _____ in. H ₂ O			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: 29-Apr-13 ACTIVITIES: Site Inspection

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

WEATHER CONDITIONS: Cloudy with drizzle, cool OUTSIDE TEMPERATURE (° F): 55

ARE WELL PUMPS OPERATING IN AUTO: YES: NO: ✓ If "NO", provide explanation below
PW-4 and PW-6 are OFF due to maintenance problems.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: <u> </u>	OFF: <u> ✓ </u>	<u>8</u> ft	PW-5	ON: <u> </u>	OFF: <u> ✓ </u>	<u>4</u> ft
PW-2	ON: <u> </u>	OFF: <u> ✓ </u>	<u>6</u> ft	PW-6	ON: <u> </u>	OFF: <u> ✓ </u>	<u>65507</u> ft
PW-3	ON: <u> </u>	OFF: <u> ✓ </u>	<u>4</u> ft	PW-7	ON: <u> </u>	OFF: <u> ✓ </u>	<u>6</u> ft
PW-4	ON: <u> ✓ </u>	OFF: <u> </u>	<u>13</u> ft	PW-8	ON: <u> </u>	OFF: <u> ✓ </u>	<u>4</u> ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 4/22/13 Air Stripper Low Level

NOTES:

INFLUENT FLOW RATE: 47 gpm INFLUENT TOTALIZER READING 8,135,478.0 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:		Top	Bottom		Top	Bottom	
	LEFT:	<u>0</u>	<u>0</u>	psi	RIGHT:	<u>7</u>	<u>0</u>

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

AIR STRIPPER BLOWER IN USE: #1 ✓ #2 AIR STRIPPER PRESSURE: 23.0 in. H₂O
 AIR STRIPPER DIFFERENTIAL PRESSURE: 0.005 in. H₂O DISCHARGE PRESSURE: 3.0 in. H₂O

EFFLUENT PUMP IN USE: #1 #2 ✓ EFFLUENT FEED PUMP PRESSURE: 3.0 psi
 EFFLUENT FLOW RATE: 115 gpm EFFLUENT TOTALIZER READING: 71,153,014 660590 gallons

ARE BUILDING HEATERS IN USE? YES: NO: ✓ INSIDE TEMPERATURE (° F): 70

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

29-Apr-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.

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

Remarks:

Other Actions:

AGWAY

SYSTEM VACUUM: _____ in. H ₂ O			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: 6-May-13 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen OTHER PERSONNEL: _____

WEATHER CONDITIONS: Sunny, warm OUTSIDE TEMPERATURE (° F): 69

ARE WELL PUMPS OPERATING IN AUTO: YES: _____ NO: If "NO", provide explanation below
PW-4 and PW-6 are OFF due to maintenance problems.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: _____	OFF: <input checked="" type="checkbox"/>	<u>6</u> ft	PW-5	ON: _____	OFF: <input checked="" type="checkbox"/>	<u>6</u> ft
PW-2	ON: _____	OFF: <input checked="" type="checkbox"/>	<u>5</u> ft	PW-6	ON: _____	OFF: <input checked="" type="checkbox"/>	<u>65507</u> ft
PW-3	ON: _____	OFF: <input checked="" type="checkbox"/>	<u>4</u> ft	PW-7	ON: _____	OFF: <input checked="" type="checkbox"/>	<u>6</u> ft
PW-4	ON: <input checked="" type="checkbox"/>	OFF: _____	<u>13</u> ft	PW-8	ON: _____	OFF: <input checked="" type="checkbox"/>	<u>5'</u> ft

EQUALIZATION TANK: 5 ft Last Alarm D/T/Condition: 4/29/13 Air Stripper Low Level

NOTES: _____

INFLUENT FLOW RATE: 13 gpm INFLUENT TOTALIZER READING 8,277,583.0 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:		Top	Bottom		Top	Bottom
	LEFT:	<u>0</u>	<u>0</u>	psi	RIGHT:	<u>6</u> <u>0</u>

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

AIR STRIPPER BLOWER IN USE: #1 #2 _____ AIR STRIPPER PRESSURE: 31.0 in. H₂O
 AIR STRIPPER DIFFERENTIAL PRESSURE: 0.01 in. H₂O DISCHARGE PRESSURE: 1.2 in. H₂O

EFFLUENT PUMP IN USE: #1 _____ #2 EFFLUENT FEED PUMP PRESSURE: 2.0 psi
 EFFLUENT FLOW RATE: 116 gpm EFFLUENT TOTALIZER READING: 71,240,230 | 748610 gallons

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

IS SUMP PUMP IN USE: YES: NO: _____ ARE ANY LEAKS PRESENT? YES: _____ NO:
 WATER LEVEL IN SUMP: 7.5 in. TREATMENT BUILDING CLEAN & ORGANIZED? YES: NO: _____

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

6-May-13

SAMPLES COLLECTED? YES: NO:

	Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Cond.
AIR STRIPPER INFLUENT:	INF	8:45 AM	7.59	8.40	18.6	2829
AIR STRIPPER EFFLUENT:	EFF	9:00 AM	8.28	7.00	18.4	2770

IS THERE EVIDENCE OF TAMPERING/VANDALISM OF WELLS? YES: NO:

WERE MANHOLES INSPECTED? YES: NO:

WERE ELECTRICAL BOXES INSPECTED? YES: NO:

IS WATER PRESENT IN ANY MANHOLES OR ELECTRICAL BOXES? YES: NO:

If yes, provide manhole/electric box ID and description of any corrective measures below:

PW-4 has collapsed inner ring.

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

Remarks:

Other Actions:

AGWAY

SYSTEM VACUUM: _____ in. H₂O 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:

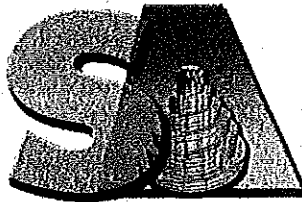
Attachment B
Analytical Report from
Mitkem Laboratories

Analytical Data Package Work Order ID: M0452

Sampled: April 3, 2013

Received: April 4, 2013

Report Date:
10-Apr-13 11:32



SPECTRUM ANALYTICAL, INC.

Featuring
HANIBAL TECHNOLOGY

Laboratory Report

- Final Report
 Re-Issued Report
 Revised Report

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

Work Order: M0452
Project: Mr. C's Dry Cleaning
Project #: 4500000623/EN-003229-0001-03TTO

Attn: Michael Steffan

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
M0452-01	INFLUENT	Aqueous	03-Apr-13 13:30	04-Apr-13 11:40
M0452-02	EFFLUENT	Aqueous	03-Apr-13 14:00	04-Apr-13 11:40

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 requirements have been met.

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 - JSM	EP-W-09-039
USEPA - SOM	EP-W-11-033

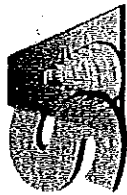


Certificate # L2247 Testing

Authorized by:

Yihai Ding
Laboratory Director

Sample Transmittal Documentation



SPECTRUM ANALYTICAL, INC.
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HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Special Handling: Std
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 Stefan

Invoice To: E & E, Inc.
P.O. No.: _____ RQN: _____

Project No.: _____
Site Name: MFCs OM&M
Location: East Aurora State: NY
Sampler(s): R. Allen

1=Na₂S₂O₃ 2=HCl 3=H₂SO₄ 4=HNO₃ 5=NaOH 6=Ascorbic Acid 7=CH₃OH
8=NaHSO₄ 9= _____ 10= _____ 11= _____

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

G=Grab C=Composite

List preservative code below:

1 A 2

Notes: _____

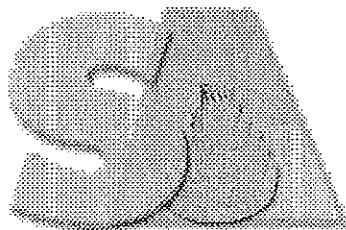
QA/QC Reporting Level
 Level I Level II
 Level III Level IV
 Other CAT A

State specific reporting standards: _____

Lab Id:	Sample Id:	Date:	Time:	Matrix	Containers:			Analyses:	Notes:
					# of VOA Vials	# of Amber Glass	# of Clear Glass		
M0452-01	INFLUENT	4/3/13	1:30 PM	GW	1	1	1	Hardness VOC	We were shorted (1) cold bottle
M0452-01	INFLUENT		1:30 PM	GW	1	1	1		(1) HNO ₃ bottle and (2) vOA vials
M0452-02	EFFLUENT		2:00 PM	GW	1	1	1		Send another sample. Kit with extra bottles.
M0452-02	EFFLUENT		2:00 PM	GW	1	1	1		
M0452-02	EFFLUENT		2:00 PM	GW	1	1	1		

E-mail to mstefan@ene.com
Received by: Richard C. Allen, Jr.
Date: 4/4/13 Time: 11:40

Condition upon receipt: Cool Ambient 4°



SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

** Volatiles **

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.: M0452 Mod. Ref No.: _____ SDG No.: SM0452
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M0452-01A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V502582.D
 Level: (TRACE/LOW/MED) LOW Date Received: 04/04/2013
 % Moisture: not dec. Date Analyzed: 04/04/2013
 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:		Q
		(ug/L or ug/Kg)	ug/L	
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		10	U
75-34-3	1,1-Dichloroethane		10	U
78-93-3	2-Butanone		50	U
156-59-2	cis-1,2-Dichloroethene		45	
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		99	
78-87-5	1,2-Dichloropropane		10	U
75-27-4	Bromodichloromethane		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
108-10-1	4-Methyl-2-pentanone		50	U
108-88-3	Toluene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
79-00-5	1,1,2-Trichloroethane		10	U
127-18-4	Tetrachloroethene		1600	
591-78-6	2-Hexanone		50	U
124-48-1	Dibromochloromethane		10	U
106-93-4	1,2-Dibromoethane		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U
1330-20-7	Xylene (Total)		10	U

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

EPA SAMPLE NO.

INFLUENT

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
 Lab Code: MITKEM Case No.: M0452 Mod. Ref No.: _____ SDG No.: SM0452
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M0452-01A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V502582.D
 Level: (TRACE/LOW/MED) LOW Date Received: 04/04/2013
 % Moisture: not dec. Date Analyzed: 04/04/2013
 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:		Q
		(ug/L or ug/Kg)	UG/L	
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.: M0452 Mod. Ref No.: _____ SDG No.: SM0452
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M0452-02A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V502581.D
 Level: (TRACE/LOW/MED) LOW Date Received: 04/04/2013
 % Moisture: not dec. Date Analyzed: 04/04/2013
 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:		Q
		(ug/L or ug/Kg)	UG/L	
75-71-8	Dichlorodifluoromethane		1.0	U
74-87-3	Chloromethane		1.0	U
75-01-4	Vinyl chloride		1.0	U
74-83-9	Bromomethane		1.0	U
75-00-3	Chloroethane		1.0	U
75-69-4	Trichlorofluoromethane		1.0	U
75-35-4	1,1-Dichloroethene		1.0	U
67-64-1	Acetone		5.0	U
75-15-0	Carbon disulfide		1.0	U
75-09-2	Methylene chloride		1.0	U
156-60-5	trans-1,2-Dichloroethene		1.0	U
1634-04-4	Methyl tert-butyl ether		1.0	U
75-34-3	1,1-Dichloroethane		1.0	U
78-93-3	2-Butanone		5.0	U
156-59-2	cis-1,2-Dichloroethene		1.0	U
67-66-3	Chloroform		1.0	U
71-55-6	1,1,1-Trichloroethane		1.0	U
56-23-5	Carbon tetrachloride		1.0	U
107-06-2	1,2-Dichloroethane		1.0	U
71-43-2	Benzene		1.0	U
79-01-6	Trichloroethene		1.0	U
78-87-5	1,2-Dichloropropane		1.0	U
75-27-4	Bromodichloromethane		1.0	U
10061-01-5	cis-1,3-Dichloropropene		1.0	U
108-10-1	4-Methyl-2-pentanone		5.0	U
108-88-3	Toluene		1.0	U
10061-02-6	trans-1,3-Dichloropropene		1.0	U
79-00-5	1,1,2-Trichloroethane		1.0	U
127-18-4	Tetrachloroethene		5.8	
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

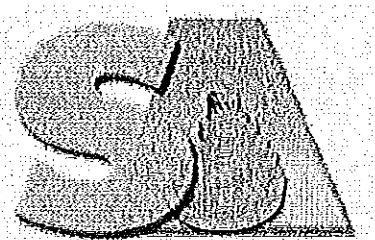
1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EFFLUENT

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
 Lab Code: MITKEM Case No.: M0452 Mod. Ref No.: _____ SDG No.: SM0452
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M0452-02A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V502581.D
 Level: (TRACE/LOW/MED) LOW Date Received: 04/04/2013
 % Moisture: not dec. Date Analyzed: 04/04/2013
 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:		Q
		(ug/L or ug/Kg)	UG/L	
100-42-5	Styrene		1.0	U
75-25-2	Bromoform		1.0	U
98-82-8	Isopropylbenzene		1.0	U
79-34-5	1,1,2,2-Tetrachloroethane		1.0	U
541-73-1	1,3-Dichlorobenzene		1.0	U
106-46-7	1,4-Dichlorobenzene		1.0	U
95-50-1	1,2-Dichlorobenzene		1.0	U
96-12-8	1,2-Dibromo-3-chloropropane		1.0	U
120-82-1	1,2,4-Trichlorobenzene		1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		1.0	U
110-82-7	Cyclohexane		1.0	U
79-20-9	Methyl acetate		1.0	U
108-87-2	Methylcyclohexane		1.0	U



SPECTRUM ANALYTICAL, INC.

Featuring

HANIBAL TECHNOLOGY

** Wet Chemistry **

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

04/09/2013

Client: Ecology and Environment Engineering P.C.

Client Sample ID: INFLUENT

Lab ID: M0452-01

Project: Mr. C's Dry Cleaning

Collection Date: 04/03/13 13:30

Analyses	Result	Qual	RL Units	DF	Date Analyzed	Batch ID
SM 2340B -- HARDNESS by Calculation						SM2340_W
Hardness, Ca/Mg (As CaCO3)	630		4.0 mg/L CaCO3		104/08/2013 8:33	71109
SM 4500 H+ B -- pH VALUE						SM4500_H+
pH	7.4		1.0 S.U.		104/04/2013 12:45	R73208

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

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

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

04/09/2013

Client: Ecology and Environment Engineering P.C.

Client Sample ID: EFFLUENT

Lab ID: M0452-02

Project: Mr. C's Dry Cleaning

Collection Date: 04/03/13 14:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SM 2340B -- HARDNESS by Calculation							SM2340_W
Hardness, Ca/Mg (As CaCO3)	630		4.0	mg/L CaCO3	1	04/08/2013 8:37	71109
SM 4500 H+ B -- pH VALUE							SM4500_H+
pH	8.3		1.0	S.U.	1	04/04/2013 13:03	R73208

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

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

Attachment C
Summary of Site Utility Costs and Projections
January to December 2013

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

NYSDEC Work Assignment #DC13.02.01.01

12 Months of System Operation and Maintenance

April 2013 Report

Utility Provider	Account #	E&E Cost Center	Description	Jan-2012	Feb-2012	Mar-2012	Apr-2012	May-2012	Jun-2012	Electric:	Utility Budget:
New York State E&G	1001-0310-422	EN-003229-0001-03TTO	Mr. C's Electric Costs	\$ 1,685.55	\$ 1,212.17	\$ 1,531.43	\$ 216.03			Telephone:	\$15,800.00
New York State E&G	76-311-11-015900-18		Agway Site - Electric	\$46.63	\$ 27.50	\$ 185.46				Gas	\$540.00
National Fuel Gas	5819628-05	EN-003229-0001-03TTO	Mr. C's Natural Gas Costs	\$ 1,742.18	\$ 1,239.67	\$ 1,716.89	\$ 216.03			Total:	\$1,120.00
Totals				\$ 1,742.18	\$ 1,239.67	\$ 1,716.89	\$ 216.03	\$ -	\$ -		\$17,460.00
			Mr. C's Electric Costs								
			Agway Electric								
			Mr. C's Natural Gas Costs								
Totals				\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -		Ave./Month
			Electric (Both sites)		\$4,655.18						\$ 1,163.80
			Natural Gas		259.59						\$ -
			Natural Gas		\$ 259.59						\$ 86.53
			Grand Total - NYSE&G/National Fuel Gas Costs To Date	\$ -	\$ 4,914.77					Overbilled natural gas costs - no charges	\$ 1,250.33
										Estimated Reading	\$ 333.44 in red -adjusted billing

Utility Provider	Account #	Phone #	Location Description	Jan-2012	Feb-2012	Mar-2012	Apr-2012	May-2012	Jun-2012	Electric:
Verizon	716-652-0094	716-652-0094	Mr. C's Telephone Costs	\$ 34.31	\$ 93.35					Telephone:
Totals				\$ 34.31	\$ 93.35					Gas
										Total:
Grand Total - Verizon Costs to Date				\$ -	\$ 127.66					
Grand Total All Utilities To Date				\$ -	\$ 5,042.43					
										Ave./Month
										\$ 63.83

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

NYSDEC Work Assignment #DC13

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ATTACHMENT C

Budget Remaining:	Electric:	\$11,144.82
	Telephone:	\$412.34
	Gas:	\$860.41
	Total:	\$12,417.57

	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	720	720	100.00%	9.6%	Cold March
April-13	792	792	100.00%	10.7%	Mild April
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	2856	2682	93.91%		

* 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 for 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	\$	1,163.80	
Agway Electric	\$	-	
Mr. C's Gas	\$	86.53	
Mr. C's Telephone	\$	63.83	
Ave. Utility Cost Total	\$	1,314.16	times
			12 Month Estimate
			\$17,084.02