



ecology and environment engineering, p.c.

International Specialists in the Environment

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September 7, 2012

Mr. William Welling, Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, New York 12233 - 7013

Re: Mr. C's Dry Cleaners Site, Contract # D004442.DC13, Site # 9-15-157
August 2012 Operations, Maintenance, and Monitoring Report

Dear Mr. Welling:

Ecology and Environment Engineering, P.C. (EEEPC) is pleased to provide the August 2012 Operations, Maintenance, and Monitoring (OM&M) Report for the Mr. C's Dry Cleaners Site, NYSDEC Site # 9-15-157, located in East Aurora, New York. Copies of weekly inspection reports prepared by EEEPC's subcontractor, Iyer Environmental Group, PLLC (IEG) are provided in Attachment A. Selected pages from the individual analytical data package prepared by Mitkem Laboratories, Inc. (MLI) are provided as Attachments B. The full analytical reports along with QA/QC information will be retained by EEEPC. Remedial treatment system utility costs for the Mr. C's and Agway sites are provided as Attachment C.

In review of the on-site treatment system operations, monitoring and maintenance for August 2012, EEEPC offers the following comments and highlights:

Operational Summary

Mr. C's Site – Remedial Operations Information

- Checklists for weekly system inspections from IEG are provided as Attachment A for 7/30/12, 8/6/12, 8/13/12, 8/20/12, 8/28/12, and 9/4/12. Based on the weekly inspection results performed by IEG, the remedial treatment system had a 100.00% operational up-time (Table 1) and the treatment of contaminated groundwater totaling of 268,929 gallons (Table 2) for August 2012.
- Initial sampling occurred on August 6, 2012 with the analytical results received on August 22, 2012. 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 August 2012 were "non-detect" (<1.0 ug/L).

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- The analytical results revealed the influent concentration to be 266.8 µg/L or 266.8 ppb, and 0.0 µg/L or 0.0 ppb of treated effluent. PCE effluent concentrations were “non-detect” (< 1 µg/L or < 1 ppb) which is under the 10 µg/L or 10 ppb limit. The summary of influent and effluent contaminant concentrations for the August 6, 2012 sampling events is presented in Table 4.
- The cleanup efficiency for the contaminants of concern at the site during the reporting / operating period 7/30/12 to 9/4/12 was 100.0%. The air stripper unit on the Mr. C’s property is currently in compliance and MLI continues to provide analytical data to sub-ppb accuracy, supporting the accurate determination of effluent contaminant levels. The summary of Effluent Discharge Criteria & Analytical Compliance Results for August 2012 is presented in Table 3.
- The Mr. C’s treatment system based on the total monthly flows has effectively removed 0.60 lbs. of targeted contaminants from the groundwater below the site in the month of August 2012. The calculations and data for the month are presented in Table 5.

Mr. C’s Site – Updated Property Information

- In December 2011, operations ceased with the Mr. C’s Dry Cleaners business. Dry cleaning equipment and ancillary equipment were removed from the premises from January to April 2012. In May, activity was noticed with cosmetic changes inside and outside of the building. In late May, the exterior siding of the building was removed and west side of the building was repainted and refurbished (A photo-documentation report will be sent under separate cover).
- During the week of June 4, the parking lot west of the treatment building was repaved. IEG was on-site to observe the paving program and photo documented the repaving.
- 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 – DeTora LLC – Point of Contact - Mr. Paul Bendrowski – 231-313-1954 (Traverse City, MI). Property Lease – Intrepid Automotive Partners – Dave Kern – 716-481-5703 (East Aurora, NY).

Agway Site Remedial Information

- The Agway facility treatment unit was turned off in December 2011.
- The facility was turned off as a results of future bioaugmentation work in that area and as directed by the NYSDEC Project manager.
- Contact was received from a local architect (Liz Megan 901-3029) regarding the redevelopment of the former Agway for a single story building without a basement. Contact report information was passed onto NYSDEC PM and the architectural firm to discuss the issues related to the property.

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

- No current operational issues.

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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 August 2012 are provided as Attachment C.
- The Agway system power was turned off in December 2011.

If you have questions regarding the August 2012 OM&M report summary, please do not hesitate to contact me at 716-684-8060.

Very Truly Yours,
Ecology and Environment Engineering, P. C.



Michael G. Steffan
Project Manager

cc: D. Szymanski, Region 9, NYSDEC - Buffalo w/ attachments
D. Iyer, IEG - w/attachments
CTF- 002700.DC13.02.01.01

Table 1
Mr. C's Dry Cleaners Site Remediation
Site #9-15-157
System Operational Time

Month	Reporting Hours	Operational Up-time
(Up-time from inception to 1/4/12)	79,183.50	96.27%
January 4, 2012 - February 2, 2012	696	100.00%
February 2, 2012 - March 5, 2012	768	100.00%
March 5, 2012 - April 4, 2012	720	100.00%
April 4, 2012 - April 30, 2012	624	100.00%
April 30, 2012 - June 6, 2012	888	100.00%
June 6, 2012 - July 2, 2012	624	100.00%
July 2, 2012 - July 30, 2012	672	100.00%
July 30, 2012 - September 4, 2012	864	100.00%
		#DIV/0!
		#DIV/0!
		#DIV/0!
		#DIV/0!
Total Hours from System Startup '2/02'	85,039.50	
Average Operational Up-time from startup =		96.52%
Average Operational Up-time for 2012 =		100.00%

NOTES:

1. Up-time based as percentage of total reporting hours.
2. Treatment system operated by the Tyree Organization Ltd. from 9/02 - 9/03.
3. Treatment system operated by O&M Enterprises Inc. from 10/03 - 7/07.
4. Treatment system operated by Iyer Environmental Group from 7/07 to present.

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 2011	9/5/02 - 12/4/12	118,436,077
January 2012 ³	1/5/12 - 2/2/12	451,020
February 2012 ³	2/2/12 - 3/5/12	422,955
March 2012 ³	3/5/12 - 4/4/12	357,397
April 2012 ³	4/4/12 - 4/30/12	208,864
May 2012	4/30/12 - 6/6/12	348,980
June 2012	6/6/12 - 7/2/12	236,975
July 2012	7/2/12 - 7/30/12	240,837
August 2012	7/30/12 - 9/4/12	268,929
Total Gallons Treated in 2012		2,535,957
Total Gallons Treated To Date:		120,972,034

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	August 6, 2012 - Effluent Analytical Values Compliance
Flow	N/A	gpd	7,470
pH	6.0 - 9.0	standard units	8.3
1,1 Dichloroethene	10	µg/L	1.0 U
1,1 Dichloroethane	10	µg/L	1.0 U
cis-1,2-dichloroethene	10	µg/L	1.0 U
Trichloroethene	10	µg/L	1.0 U
Tetrachloroethene	10	µg/L	1.0 U
Vinyl Chloride	10	µg/L	1.0 U
Benzene	5	µg/L	1.0 U
Ethylbenzene	5	µg/L	1.0 U
Methylene Chloride	10	µg/L	1.0 U
1,1,1 Trichloroethane	10	µg/L	1.0 U
Toluene	5	µg/L	1.0 U
Methyl-t-Butyl Ether (MTBE)	NA	ug/L	1.0 U
o-Xylene ²	5	µg/L	NA
m, p-Xylene ²	10	µg/L	NA
Total Xylenes	NA	ug/L	1.0 U
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	430
Cyanide, Free	10	µg/L	NA ³

NOTES:

1. "Daily Maximum" excerpted from Attachment E of Addendum 1 to the Construction Contract Documents dated October 2000.
2. Analytical report did not differentiate between o-Xylene and m, p-Xylene. Total Xylene value reported is given in each line.
3. Shaded cells indicate that analytical value exceeds the "Daily Maximum."
4. "ND" indicates that the compound was not detected and lists the practical quantitation limit in parentheses.
5. "NA" indicates that analyses were not performed and data is unavailable.
6. Average flows based on effluent readings taken July 2, 2012 through July 30, 2012. Total gallons: 240,837 divided by 28 operating days.
7. "J" indicates an estimated value below the detection limit.
8. "B" indicates analyte found in the associated blank.

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

Table 4
Mr. C's Dry Cleaners Site Remediation
NYSDEC Site #9-15-157
August 2012 VOC Analytical Summary

Compound	Based on the 8/6/12 Effluent Sampling Results		
	Influent Concentration* (ug/L)	Effluent Concentration* (ug/L)	Cleanup Efficiency** (%)
Acetone	ND (<50)	U	NA
Benzene	ND (<10)	U	NA
2-Butanone	ND (<50)	U	NA
cis-1, 2-Dichloroethene	3.3	J	100.00%
Chloroform	ND (<10)	U	NA
Methylene chloride	ND (<10)	U	NA
Methyl tert-butyl ether (MTBE)	2.5	U	100.00%
Tetrachloroethene	250.0	U	100.00%
Toluene	ND (<10)	U	NA
Trichloroethene	11.0	U	100.00%
Carbon Disulfide	ND (<10)	U	NA
1,1,2 Trichloro-1,2,2-trifluoroethane	ND (<10)	U	NA
Cyclohexane	ND (<10)	U	NA
trans-1,2-dichloroethene	ND (<10)	U	NA
Chlorobenzene	ND (<10)	U	NA
Methylcyclohexane	ND (<10)	U	NA
Methyl acetate	ND (<10)	U	NA
Total Xylenes	ND (<10)	U	NA
August 2012 TOTALs (in ug/L) =	266.8	0.00	100.00%

- 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 2011 =				1,525.66
January 2012	1/4/12 - 2/2/12	2829.0	2.90	10.77
February 2012	2/2/12 - 3/5/12	809.7	3.77	3.03
March 2012	3/5/12 - 4/4/12	653.0	3.30	1.94
April 2012	4/4/12 - 4/30/12	602.0	2.10	1.05
May 2012	4/30/12 - 6/6/12	431.5	1.52	1.25
June 2012	6/6/12 - 7/2/12	690.1	1.80	1.36
July 2012	7/2/12 - 7/30/12	615.6	0.56	0.60
August 2012	7/30/12 - 9/4/12	266.8	0.00	0.60
September 2012				
October 2012				
November 2012				
December 2012				
Total pounds of VOCs removed from inception =				1,546.26
Total pounds of VOCs removed in 2012 =				20.60

HISTORICAL NOTES:

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

CONVERSIONS:

1 pound = 453.5924 grams
 1 gallon = 3.785 liters

Based on the Analytical Results from Each Month:

Pounds of VOCs removed calculated by the following formula:

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

Attachment A
IEG Weekly Inspection Reports
August 2012

Including:

7/30/12

8/6/12

8/13/12

8/20/12

8/28/12

9/4/12

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

DATE: <u>30-Jul-12</u>		ACTIVITIES: <u>Site Inspection</u>	
INSPECTION PERSONNEL: <u>R. Allen</u>		OTHER PERSONNEL: _____	
WEATHER CONDITIONS: <u>Sunny, warm</u>		OUTSIDE TEMPERATURE (° F): <u>79</u>	
ARE WELL PUMPS OPERATING IN AUTO: YES: _____ NO: <input checked="" type="checkbox"/>			
If "NO", provide explanation below: <u>PW-6, PW-7 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>4</u> ft	PW-5 ON: _____ OFF: <input checked="" type="checkbox"/> <u>6</u> ft
PW-2	ON: _____	OFF: <input checked="" type="checkbox"/> <u>7</u> ft	PW-6 ON: <input checked="" type="checkbox"/> OFF: _____ <u>13</u> ft
PW-3	ON: _____	OFF: <input checked="" type="checkbox"/> <u>6</u> ft	PW-7 ON: <input checked="" type="checkbox"/> OFF: _____ <u>19</u> ft
PW-4	ON: _____	OFF: <input checked="" type="checkbox"/> <u>8</u> ft	PW-8 ON: <input checked="" type="checkbox"/> OFF: _____ <u>17</u> ft
EQUALIZATION TANK: <u>5</u> ft		Last Alarm DT/Condition: <u>7/26/12 Air Stripper Low Level</u>	
NOTES: _____			
INFLUENT FLOW RATE: <u>10</u> gpm		INFLUENT TOTALIZER READING: <u>3,618,955.0</u> gallons	
SEQUESTERING AGENT DRUM LEVEL: <u>29</u> inches		(x 1.7=) AMOUNT OF AGENT REMAINING: <u>49</u> gallons	
SEQUESTERING AGENT FEED RATE: <u>8.0</u> ml/min		METERING PUMP PRESSURE: <u>3.0</u> psi	
BAG FILTER PRESSURES:			
		Top	Bottom
LEFT:	<u>0</u>	<u>0</u> psi	RIGHT: <u>6</u> <u>0</u> psi
INFLUENT FEED PUMP IN USE: #1 <input checked="" type="checkbox"/> #2 _____		INFLUENT PUMP PRESSURE: <u>13</u> psi	
AIR STRIPPER BLOWER IN USE: #1 _____ #2 <input checked="" type="checkbox"/>		AIR STRIPPER PRESSURE: <u>13.0</u> in. H ₂ O	
AIR STRIPPER DIFFERENTIAL PRESSURE: <u>0.019</u> in. H ₂ O		DISCHARGE PRESSURE: <u>4.9</u> in. H ₂ O	
EFFLUENT PUMP IN USE: #1 _____ #2 <input checked="" type="checkbox"/>		EFFLUENT FEED PUMP PRESSURE: <u>2.0</u> psi	
EFFLUENT FLOW RATE: <u>116</u> gpm		EFFLUENT TOTALIZER READING: <u>68,471,469</u> 934110 gallons	
ARE BUILDING HEATERS IN USE? YES: _____ NO: <input checked="" type="checkbox"/>		INSIDE TEMPERATURE (° F): <u>81</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>7.0</u> in.		TREATMENT BUILDING CLEAN & ORGANIZED? YES: <input checked="" type="checkbox"/> NO: _____	

MR. C's DRY CLEANERS SITE

NYSDEC Site #90150157

SITE INSPECTION FORM

30-Jul-12

SAMPLES COLLECTED? YES: _____ NO:

Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Condt.
<i>AIR STRIPPER INFLUENT:</i> _____					
<i>AIR STRIPPER EFFLUENT:</i> _____					

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. PZ-1B has missing top cover and is temporarily sealed.

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: _____

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

DATE: 6-Aug-12 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen OTHER PERSONNEL: _____

WEATHER CONDITIONS: Partly cloudy, warm OUTSIDE TEMPERATURE (° F): 75

ARE WELL PUMPS OPERATING IN AUTO: YES: _____ NO: If "NO", provide explanation below
PW-6, PW-7 and PW-8 are OFF due to maintenance problems.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: _____	OFF: <input checked="" type="checkbox"/> <u>5</u> ft	PW-5	ON: _____	OFF: <input checked="" type="checkbox"/> <u>6</u> ft
PW-2	ON: <input checked="" type="checkbox"/>	OFF: _____ <u>5</u> ft	PW-6	ON: <input checked="" type="checkbox"/>	OFF: _____ <u>13</u> ft
PW-3	ON: _____	OFF: <input checked="" type="checkbox"/> <u>7</u> ft	PW-7	ON: <input checked="" type="checkbox"/>	OFF: _____ <u>20</u> ft
PW-4	ON: _____	OFF: <input checked="" type="checkbox"/> <u>4</u> ft	PW-8	ON: <input checked="" type="checkbox"/>	OFF: _____ <u>18</u> ft

EQUALIZATION TANK: 5 ft Last Alarm DIT/Condition: 7/26/12 Air Stripper Low Level

NOTES: _____

INFLUENT FLOW RATE: 13 gpm INFLUENT TOTALIZER READING: 3,713,189.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 27 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 46 gallons
 SEQUESTERING AGENT FEED RATE: 8.0 ml/min METERING PUMP PRESSURE: 3.0 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: 13 psi

AIR STRIPPER BLOWER IN USE: #1 _____ #2 AIR STRIPPER PRESSURE: 14.0 in. H₂O
 AIR STRIPPER DIFFERENTIAL PRESSURE: 0.017 in. H₂O DISCHARGE PRESSURE: 4.7 in. H₂O

EFFLUENT PUMP IN USE: #1 _____ #2 EFFLUENT FEED PUMP PRESSURE: 3.0 psi
 EFFLUENT FLOW RATE: 116 gpm EFFLUENT TOTALIZER READING: 68,524,459 978250 gallons

ARE BUILDING HEATERS IN USE? YES: _____ NO: INSIDE TEMPERATURE (° F): 80

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

6-Aug-12

SAMPLES COLLECTED? YES: NO:

	Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Cond.
AIR STRIPPER INFLUENT:	INF	1:30 PM	7.68	7.76	21.2	2590
AIR STRIPPER EFFLUENT:	EFF	1:30 PM	8.75	6.63	22.0	2617

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. PZ-1B has missing top cover and is temporarily sealed.

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

Remarks: Ramsey Renovations inspects overhead door light.

Other Actions: Respond to AutoDialer; temporary power failure.

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: 13-Aug-12 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen OTHER PERSONNEL: _____

WEATHER CONDITIONS: Partly cloudy, warm OUTSIDE TEMPERATURE (° F): 72

ARE WELL PUMPS OPERATING IN AUTO: YES: _____ NO: If "NO", provide explanation below
PW-6, PW-7 and PW-8 are OFF due to maintenance problems.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: _____	OFF: <input checked="" type="checkbox"/> <u>8</u> ft	PW-5	ON: _____	OFF: <input checked="" type="checkbox"/> <u>5</u> ft
PW-2	ON: _____	OFF: <input checked="" type="checkbox"/> <u>7</u> ft	PW-6	ON: <input checked="" type="checkbox"/>	OFF: _____ <u>13</u> ft
PW-3	ON: _____	OFF: <input checked="" type="checkbox"/> <u>6</u> ft	PW-7	ON: <input checked="" type="checkbox"/>	OFF: _____ <u>19</u> ft
PW-4	ON: _____	OFF: <input checked="" type="checkbox"/> <u>5</u> ft	PW-8	ON: <input checked="" type="checkbox"/>	OFF: _____ <u>18</u> ft

EQUALIZATION TANK: 3 ft Last Alarm DIT/Condition: 7/26/12 Air Stripper Low Level

NOTES: _____

INFLUENT FLOW RATE: 3 gpm INFLUENT TOTALIZER READING: 3,811,255.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 22 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 37.5 gallons
 SEQUESTERING AGENT FEED RATE: 8.0 ml/min METERING PUMP PRESSURE: 2.0 psi

BAG FILTER PRESSURES:		Top	Bottom	psi	RIGHT:	Top	Bottom	psi
	LEFT:	<u>0</u>	<u>0</u>				<u>6</u>	

INFLUENT FEED PUMP IN USE: #1 #2 _____ INFLUENT PUMP PRESSURE: 13 psi

AIR STRIPPER BLOWER IN USE: #1 _____ #2 AIR STRIPPER PRESSURE: 15.0 in. H₂O
 AIR STRIPPER DIFFERENTIAL PRESSURE: 0.018 in. H₂O DISCHARGE PRESSURE: 4.6 in. H₂O

EFFLUENT PUMP IN USE: #1 _____ #2 EFFLUENT FEED PUMP PRESSURE: 3.0 psi
 EFFLUENT FLOW RATE: 114 gpm EFFLUENT TOTALIZER READING: 68,579,598 34550 gallons

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

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

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

13-Aug-12

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. PZ-1B has missing top cover and is temporarily sealed.

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: 20-Aug-12 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen OTHER PERSONNEL: _____

WEATHER CONDITIONS: Partly cloudy, warm OUTSIDE TEMPERATURE (° F): 75

ARE WELL PUMPS OPERATING IN AUTO: YES: _____ NO: If "NO", provide explanation below
PW-6, PW-7 and PW-8 are OFF due to maintenance problems.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: _____	OFF: <input checked="" type="checkbox"/> <u>7</u> ft	PW-5	ON: _____	OFF: <input checked="" type="checkbox"/> <u>4</u> ft
PW-2	ON: _____	OFF: <input checked="" type="checkbox"/> <u>6</u> ft	PW-6	ON: <input checked="" type="checkbox"/>	OFF: _____ <u>13</u> ft
PW-3	ON: _____	OFF: <input checked="" type="checkbox"/> <u>6</u> ft	PW-7	ON: <input checked="" type="checkbox"/>	OFF: _____ <u>19</u> ft
PW-4	ON: _____	OFF: <input checked="" type="checkbox"/> <u>5</u> ft	PW-8	ON: <input checked="" type="checkbox"/>	OFF: _____ <u>17</u> ft

EQUALIZATION TANK: 3 ft Last Alarm D/T/Condition: 7/26/12 Air Stripper Low Level

NOTES: _____

INFLUENT FLOW RATE: 10 gpm INFLUENT TOTALIZER READING: 3,904,959.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 21 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 35.5 gallons
 SEQUESTERING AGENT FEED RATE: 8.0 ml/min METERING PUMP PRESSURE: 3.0 psi

		Top	Bottom		Top	Bottom
BAG FILTER PRESSURES:	LEFT:	<u>0</u>	<u>0</u> psi	RIGHT:	<u>9</u>	<u>0</u> psi

INFLUENT FEED PUMP IN USE: #1 #2 _____ INFLUENT PUMP PRESSURE: 13 psi

AIR STRIPPER BLOWER IN USE: #1 _____ #2 AIR STRIPPER PRESSURE: 17.0 in. H₂O
 AIR STRIPPER DIFFERENTIAL PRESSURE: 0.018 in. H₂O DISCHARGE PRESSURE: 4.5 in. H₂O

EFFLUENT PUMP IN USE: #1 _____ #2 EFFLUENT FEED PUMP PRESSURE: 3.0 psi
 EFFLUENT FLOW RATE: 114 gpm EFFLUENT TOTALIZER READING: 68,632,394 89380 gallons

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

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

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

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

20-Aug-12

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. PZ-1B has missing top cover and is temporarily sealed.

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: 28-Aug-12 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen OTHER PERSONNEL: _____

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

ARE WELL PUMPS OPERATING IN AUTO: YES: _____ NO: If "NO", provide explanation below
PW-6, PW-7 and PW-8 are OFF due to maintenance problems.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: _____	OFF: <input checked="" type="checkbox"/> <u>8</u> ft	PW-5	ON: _____	OFF: <input checked="" type="checkbox"/> <u>4</u> ft
PW-2	ON: _____	OFF: <input checked="" type="checkbox"/> <u>6</u> ft	PW-6	ON: <input checked="" type="checkbox"/>	OFF: _____ <u>13</u> ft
PW-3	ON: _____	OFF: <input checked="" type="checkbox"/> <u>3</u> ft	PW-7	ON: <input checked="" type="checkbox"/>	OFF: _____ <u>19</u> ft
PW-4	ON: _____	OFF: <input checked="" type="checkbox"/> <u>6</u> ft	PW-8	ON: <input checked="" type="checkbox"/>	OFF: _____ <u>17</u> ft

EQUALIZATION TANK: 3 ft Last Alarm D/T/Condition: 7/26/12 Air Stripper Low Level

NOTES: _____

INFLUENT FLOW RATE: 11 gpm INFLUENT TOTALIZER READING: 4,010,387.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 17 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 30 gallons
 SEQUESTERING AGENT FEED RATE: 8.0 ml/min METERING PUMP PRESSURE: 3.0 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: 13 psi

AIR STRIPPER BLOWER IN USE: #1 _____ #2 AIR STRIPPER PRESSURE: 16.0 in. H₂O
 AIR STRIPPER DIFFERENTIAL PRESSURE: 0.019 in. H₂O DISCHARGE PRESSURE: 4.5 in. H₂O

EFFLUENT PUMP IN USE: #1 _____ #2 EFFLUENT FEED PUMP PRESSURE: 3.0 psi
 EFFLUENT FLOW RATE: 115 gpm EFFLUENT TOTALIZER READING: 68,690,330 147510 gallons

ARE BUILDING HEATERS IN USE? YES: _____ NO: INSIDE TEMPERATURE (° F): 79

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

28-Aug-12

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. PZ-1B has missing top cover and is temporarily sealed.

There are puddles on some MWs and UEs from recent rain.

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: 4-Sep-12 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen OTHER PERSONNEL: _____

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

ARE WELL PUMPS OPERATING IN AUTO: YES: _____ NO: If "NO", provide explanation below
PW-6, PW-7 and PW-8 are OFF due to maintenance problems.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: <input checked="" type="checkbox"/>	OFF: _____	<u>5</u> ft	PW-5	ON: _____	OFF: <input checked="" type="checkbox"/>	<u>4</u> ft
PW-2	ON: _____	OFF: <input checked="" type="checkbox"/>	<u>5</u> ft	PW-6	ON: <input checked="" type="checkbox"/>	OFF: _____	<u>13</u> ft
PW-3	ON: _____	OFF: <input checked="" type="checkbox"/>	<u>5</u> ft	PW-7	ON: <input checked="" type="checkbox"/>	OFF: _____	<u>19</u> ft
PW-4	ON: _____	OFF: <input checked="" type="checkbox"/>	<u>6</u> ft	PW-8	ON: <input checked="" type="checkbox"/>	OFF: _____	<u>19</u> ft

EQUALIZATION TANK: 3 ft Last Alarm D/T/Condition: 7/26/12 Air Stripper Low Level

NOTES: _____

INFLUENT FLOW RATE: 13 gpm INFLUENT TOTALIZER READING: 4,100,283.0 gallons

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

SEQUESTERING AGENT FEED RATE: 8.0 ml/min METERING PUMP PRESSURE: 2.0 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: 13 psi

AIR STRIPPER BLOWER IN USE: #1 _____ #2 AIR STRIPPER PRESSURE: 16.0 in. H₂O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.019 in. H₂O DISCHARGE PRESSURE: 4.4 in. H₂O

EFFLUENT PUMP IN USE: #1 _____ #2 EFFLUENT FEED PUMP PRESSURE: 2.0 psi

EFFLUENT FLOW RATE: 114 gpm EFFLUENT TOTALIZER READING: 68,740,398 198520 gallons

ARE BUILDING HEATERS IN USE? YES: _____ NO: INSIDE TEMPERATURE (° F): 87

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

4-Sep-12

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. PZ-1B has missing top cover and is temporarily sealed.

There are puddles on some MWs and UEs from recent rain.

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

Remarks: Vent in roof leaked over Air Stripper Control Panel during rainstorm.

Other Actions: Poured remains of old Redux drum into present drum.

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: PIEZOMETER WATER LEVEL LOG

Date: 22-Aug-12

Measurements taken by: R. Allen

RW-1	<u>18.00</u> ft	Comments:	
PZ-1A	<u>12.02</u> ft	Comments:	
PZ-1B	<u>-----</u> ft	Comments:	
PZ-1C	<u>20.04</u> ft	Comments:	
PZ-1D	<u>13.23</u> ft	Comments:	
PW-2	<u>13.90</u> ft	Comments:	
PZ-2A	<u>11.71</u> ft	Comments:	
PZ-2B	<u>12.03</u> ft	Comments:	
PZ-2C	<u>11.46</u> ft	Comments:	
MW-7	<u>12.09</u> ft	Comments:	Substitute for 2D
PW-3	<u>17.10</u> ft	Comments:	
PZ-3A	<u>12.22</u> ft	Comments:	
PZ-3B	<u>12.29</u> ft	Comments:	
PZ-3C	<u>12.80</u> ft	Comments:	
PZ-3D	<u>12.29</u> ft	Comments:	
PW-4	<u>-----</u> ft	Comments:	damaged ring
PZ-4A	<u>18.77</u> ft	Comments:	
PZ-4B	<u>11.51</u> ft	Comments:	
PZ-4C	<u>-----</u> ft	Comments:	sealed over
PZ-4D	<u>11.21</u> ft	Comments:	

PW-5	<u>16.00</u> ft	Comments:	
PZ-5A	<u>11.52</u> ft	Comments:	
PZ-5B	<u>11.54</u> ft	Comments:	
PZ-5C	<u>11.14</u> ft	Comments:	
PZ-5D	<u>11.93</u> ft	Comments:	
PW-6	<u>17.00</u> ft	Comments:	
PZ-6A	<u>12.33</u> ft	Comments:	
PZ-6B	<u>12.30</u> ft	Comments:	
PZ-6C	<u>12.38</u> ft	Comments:	
PZ-6D	<u>13.19</u> ft	Comments:	Shown as RW-2 on map
PW-7	<u>4.40</u> ft	Comments:	
MPI-6S	<u>12.04</u> ft	Comments:	
PZ-7B	<u>11.98</u> ft	Comments:	
OW-B	<u>11.95</u> ft	Comments:	
PZ-7D	<u>13.84</u> ft	Comments:	
PW-8	<u>16.90</u> ft	Comments:	
PZ-8A	<u>8.89</u> ft	Comments:	
PZ-8B	<u>8.85</u> ft	Comments:	
PZ-8C	<u>8.43</u> ft	Comments:	
PZ-8D	<u>8.62</u> ft	Comments:	

PUMPS IN OPERATION DURING MEASUREMENTS

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

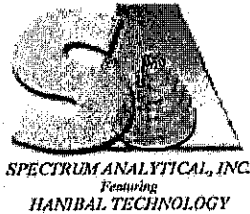
Attachment B
Analytical Report from
Mitkem Laboratories

Analytical Data Package Work Order ID: L1693

Sampled: August 6, 2012

Received: August 22, 2012

Report Date:
22-Aug-12 11:49



- Final Report
 Re-Issued Report
 Revised Report

Laboratory Report

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

Work Order: L1693
Project: Mr. C's Dry Cleaning
Project #: 002700.DC13.02.01.01

Attn: Michael Steffan

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
L1693-01	INFLUENT	Aqueous	06-Aug-12 14:00	07-Aug-12 08:38
L1693-02	EFFLUENT	Aqueous	06-Aug-12 14:30	07-Aug-12 08:38

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 sample(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
Pennsylvania	68-00520
Rhode Island	LAI00301
USDA	P330-08-00023
USEPA - ISM	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.
Featuring
ANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

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

Report To: EZE Inc
368 Pleasantview Dr
Lancaster, NY 14086
Telephone # (716) 684-8060
Project Mgr.: Mike Steffan

Invoice To: EZE, Inc
P.O. No.: _____
RQN: _____

Project No.: _____
Site Name: MFCs O M & 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= _____

List preservative code below:

-A-2

Notes:

Containers:

of VOA Vials

of Amber Glass

of Clear Glass

of Plastic

Analyses:

PH
Hardness
VOC

QA/QC Reporting Level
 Level I Level II
 Level III Level IV
 Other CATA

State specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix
<u>01</u>	<u>INFLUENT</u>	<u>Aug 6, 2012</u>	<u>2:00 P</u>	<u>G</u>	<u>GW</u>
	<u>INFLUENT</u>		<u>2:00 P</u>	<u>G</u>	<u>GW</u>
	<u>INFLUENT</u>		<u>2:00 P</u>	<u>G</u>	<u>GW</u>
	<u>EFFLUENT</u>		<u>2:30 P</u>	<u>G</u>	<u>GW</u>
	<u>EFFLUENT</u>		<u>2:30 P</u>	<u>G</u>	<u>GW</u>
	<u>EFFLUENT</u>		<u>2:30 P</u>	<u>G</u>	<u>GW</u>

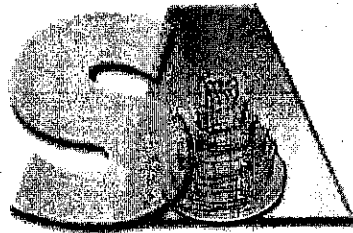
Containers:	Analyses:	Notes:
<u>1</u>	<u>PH</u>	
<u>1</u>	<u>Hardness</u>	
<u>1</u>	<u>VOC</u>	<u>Please send another sample KIT</u>

E-mail to wsteffan@ene.com
EDD Format PDF
Condition upon receipt: Used Ambient 5

Relinquished by: Robert C. Allen
Received by: [Signature]
Date: 8/7/12 Time: 8:38

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

Received By: <i>[Signature]</i>		Page 01 of 00	
Reviewed By: <i>[Signature]</i>		Log-in Date 08/07/2012	
Work Order: L1693		Client Name: Ecology and Environment Engineering P.C.	
Project Name/Event: Mr. C's Dry Cleaning / 002700.DC13.02.01.01			
Remarks: (1/2) Please see associated sample/extract transfer logbook pages submitted with this data package.			
		Preservation (pH)	
Lab Sample ID	HNO3	H2SO4	HCl
	NaOH	H3PO4	VOA Matrix
1. Custody Seal(s)	Present / Absent		
	Intact / Broken		
2. Custody Seal Nos.	N/A		
3. Traffic Reports/ Chain of Custody Records (TR/COCs) or Packing Lists	Present / Absent		
4. Airbill	AirBill / Sticker		
	Present / Absent		
5. Airbill No.	FedEx 7938 7158 7961		
6. Sample Tags	Present / Absent		
Sample Tag Numbers	Listed /		
	NOT Listed on Chain-of-Custody		
7. Sample Condition	Intact / Broken / Leaking		
8. Cooler Temperature Indicator Bottle	Present / Absent		
9. Cooler Temperature	5 °C		
10. Does information on TR/COCs and sample tags agree?	Yes / No		
11. Date Received at Laboratory	08/07/2012		
12. Time Received	08:38		
Sample Transfer			
Fraction (1) TVOA/VOA	Fraction (2) SVOA/PEST/ARO		
Area #	Area #		
By	By		
On	On		
IR Temp Gun ID: MT-1			
Coolant Condition: ICE			
Preservative Name/Lot No.			
		VOA Matrix Key:	
		US = Unpreserved Soil A = Air	
		UA = Unpreserved Aqueous H = HCl	
		M = MeOH E = Encore	
		N = NaHSO4 F = Freeze	
		See Sample Condition Notification/Corrective Action Form Yes / No	
		Rad OK Yes / No	



SPECTRUM ANALYTICAL, INC.

Featuring

HANIBAL TECHNOLOGY

*** Volatiles ***

REPORT NARRATIVE

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

Client : Ecology and Environment Engineering P.C.

Project: Mr. C's Dry Cleaning

Laboratory Workorder / SDG #: L1693

SW846 8260C, VOC by GC-MS

I. SAMPLE RECEIPT

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

II. HOLDING TIMES

A. Sample Preparation:

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

B. Sample Analysis:

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

III. METHODS

Samples were analyzed following procedures in laboratory test code:
SW846 8260C

IV. PREPARATION

Aqueous Samples were prepared following procedures in laboratory test code: SW5030

V. INSTRUMENTATION

The following instrumentation was used

Instrument Code: V6

Instrument Type: GCMS-VOA

Description: HP6890 / HP5973

Manufacturer: Hewlett-Packard

Model: 6890 / 5973

GC Column used: 30 m X 0.25 mm ID [1.40 um thickness] DB-624 capillary column.

VI. ANALYSIS

A. Calibration:

Calibrations met the method/SOP acceptance criteria.

B. Blanks:

All method blanks were within the acceptance criteria.

C. Surrogates:

Surrogate standard percent recoveries were within the QC limits.

D. Spikes:

1. Laboratory Control Spikes (LCS):

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

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

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

E. Internal Standards:

Internal standard peak areas were within the QC limits.

F. Dilutions:

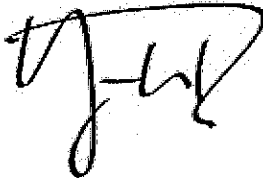
The following samples were analyzed at dilution:

INFLUENT (L1693-01A) : Dilution Factor: 2

G. Samples:

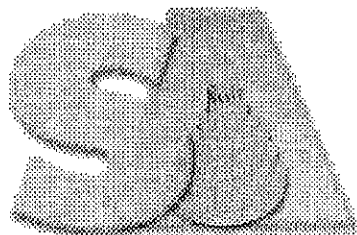
No other unusual occurrences were noted during sample analysis.

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.

A handwritten signature in black ink, appearing to be 'J. W.' or similar, written over a horizontal line.

Signed: _____

Date: 8/22/2012



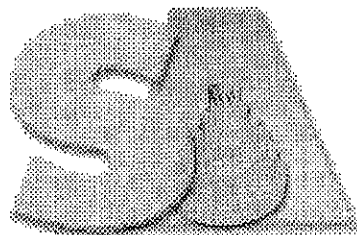
SPECTRUM ANALYTICAL, INC.

Featuring

HANIBAL TECHNOLOGY

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.



SPECTRUM ANALYTICAL, INC.

Featuring

HANIBAL TECHNOLOGY

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.: L1693 Mod. Ref No.: _____ SDG No.: SL1693
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: L1693-01A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V6I9014.D
 Level: (TRACE/LOW/MED) LOW Date Received: 08/07/2012
 % Moisture: not dec. Date Analyzed: 08/14/2012
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 2.0
 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		2.0	U
74-87-3	Chloromethane		2.0	U
75-01-4	Vinyl chloride		2.0	U
74-83-9	Bromomethane		2.0	U
75-00-3	Chloroethane		2.0	U
75-69-4	Trichlorofluoromethane		2.0	U
75-35-4	1,1-Dichloroethene		2.0	U
67-64-1	Acetone		10	U
75-15-0	Carbon disulfide		2.0	U
75-09-2	Methylene chloride		2.0	U
156-60-5	trans-1,2-Dichloroethene		2.0	U
1634-04-4	Methyl tert-butyl ether		2.5	
75-34-3	1,1-Dichloroethane		2.0	U
78-93-3	2-Butanone		10	U
156-59-2	cis-1,2-Dichloroethene		3.3	
67-66-3	Chloroform		2.0	U
71-55-6	1,1,1-Trichloroethane		2.0	U
56-23-5	Carbon tetrachloride		2.0	U
107-06-2	1,2-Dichloroethane		2.0	U
71-43-2	Benzene		2.0	U
79-01-6	Trichloroethene		11	
78-87-5	1,2-Dichloropropane		2.0	U
75-27-4	Bromodichloromethane		2.0	U
10061-01-5	cis-1,3-Dichloropropene		2.0	U
108-10-1	4-Methyl-2-pentanone		10	U
108-88-3	Toluene		2.0	U
10061-02-6	trans-1,3-Dichloropropene		2.0	U
79-00-5	1,1,2-Trichloroethane		2.0	U
127-18-4	Tetrachloroethene		250	
591-78-6	2-Hexanone		10	U
124-48-1	Dibromochloromethane		2.0	U
106-93-4	1,2-Dibromoethane		2.0	U
108-90-7	Chlorobenzene		2.0	U
100-41-4	Ethylbenzene		2.0	U
1330-20-7	Xylene (Total)		2.0	U

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

CLIENT SAMPLE NO.
INFLUENT

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
 Lab Code: MITKEM Case No.: L1693 Mod. Ref No.: _____ SDG No.: SL1693
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: L1693-01A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V6I9014.D
 Level: (TRACE/LOW/MED) LOW Date Received: 08/07/2012
 % Moisture: not dec. Date Analyzed: 08/14/2012
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 2.0
 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		2.0	U
75-25-2	Bromoform		2.0	U
98-82-8	Isopropylbenzene		2.0	U
79-34-5	1,1,2,2-Tetrachloroethane		2.0	U
541-73-1	1,3-Dichlorobenzene		2.0	U
106-46-7	1,4-Dichlorobenzene		2.0	U
95-50-1	1,2-Dichlorobenzene		2.0	U
96-12-8	1,2-Dibromo-3-chloropropane		2.0	U
120-82-1	1,2,4-Trichlorobenzene		2.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		2.0	U
110-82-7	Cyclohexane		2.0	U
79-20-9	Methyl acetate		2.0	U
108-87-2	Methylcyclohexane		2.0	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.: L1693 Mod. Ref No.: _____ SDG No.: SL1693
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: L1693-02A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V6I8984.D
 Level: (TRACE/LOW/MED) LOW Date Received: 08/07/2012
 % Moisture: not dec. Date Analyzed: 08/13/2012
 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		1.0	U
591-78-6	2-Hexanone		5.0	U
124-48-1	Dibromochloromethane		1.0	U
106-93-4	1,2-Dibromoethane		1.0	U
108-90-7	Chlorobenzene		1.0	U
100-41-4	Ethylbenzene		1.0	U
1330-20-7	Xylene (Total)		1.0	U

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

CLIENT SAMPLE NO.

EFFLUENT

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____

Lab Code: MITKEM Case No.: L1693 Mod. Ref No.: _____ SDG No.: SL1693

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: L1693-02A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V6I8984.D

Level: (TRACE/LOW/MED) LOW Date Received: 08/07/2012

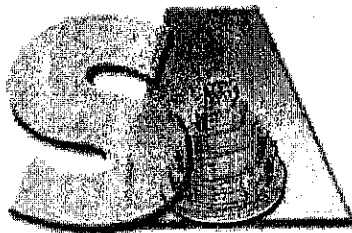
% Moisture: not dec. Date Analyzed: 08/13/2012

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 ***

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 #: L1693

SM 2340B, SM 4500 H+ B

I. SAMPLE RECEIPT

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

II. HOLDING TIMES

A. Sample Preparation:

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

B. Sample Analysis:

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

III. METHODS

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

IV. PREPARATION

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

V. INSTRUMENTATION

The following instrumentation was used to perform

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

Instrument Code: 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. Duplicate sample:

A duplicate analysis was not performed on any sample in this SDG.

D. Serial Dilution (SD):

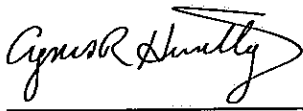
A serial dilution was not performed on any sample in this SDG.

E. Samples:

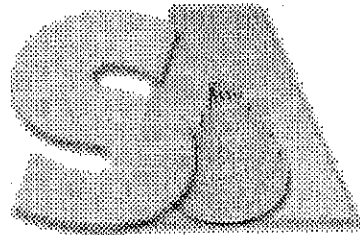
No other unusual occurrences were noted during sample analysis.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and Spectrum RI, both technically

and for completeness, except for the conditions noted above.
Release of the data contained in this hardcopy data package has
been authorized by the Laboratory Manager or designated person, as
verified by the following signature.

Signed: 

Date: 08/22/12



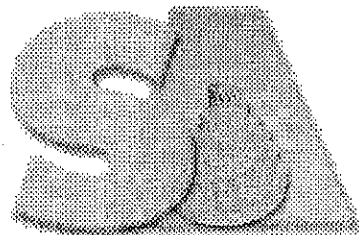
SPECTRUM ANALYTICAL, INC.

Featuring

HANIBAL TECHNOLOGY

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.



SPECTRUM ANALYTICAL, INC.

Featuring

HANIBAL TECHNOLOGY

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

08/15/2012

Client: Ecology and Environment Engineering P.C.

Client Sample ID: INFLUENT

Lab ID: L1693-01

Project: Mr. C's Dry Cleaning

Collection Date: 08/06/12 14:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SM 2340B -- HARDNESS by Calculation							SM2340_W
Hardness, Ca/Mg (As CaCO3)	430		4.0	mg/L CaCO3		108/15/2012 11:47	67646
SM 4500 H+ B -- pH VALUE							SM4500_H+
pH	7.3		1.0	S.U.		108/09/2012 14:42	R68911

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

08/15/2012

Client: Ecology and Environment Engineering P.C.

Client Sample ID: EFFLUENT

Lab ID: L1693-02

Project: Mr. C's Dry Cleaning

Collection Date: 08/06/12 14:30

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SM 2340B -- HARDNESS by Calculation							SM2340_W
Hardness, Ca/Mg (As CaCO3)	430		4.0	mg/L CaCO3		108/15/2012 11:51	67646
SM 4500 H+ B -- pH VALUE							SM4500_H+
pH	8.3		1.0	S.U.		108/09/2012 14:42	R68911

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

Last Page of Data Report

Attachment C
Summary of Site Utility Costs and Projections
January to December 2012

Mr. C's Dry Cleaners Site - Remedial Treatment Utility Costs
NYSDEC Work Assignment #DC13
12 Months of System Operation and Maintenance
August 2012 Report

Month	Optimum Operating Hours	Actual Operating Hours	Up-time Percentage	Capacity	Comments:	Budget Remaining:	Electric:	Telephone:	Gas	Total:
January-12	692	692	100.00%	13.8%	Mild January					
February-12	768	768	100.00%	11.7%	Mild February					
March-12	720	720	100.00%	10.6%	Very Mild March					
April-12	624	624	100.00%	7.2%	Warm and Fair April					
May-12	888	888	100.00%	8.4%	Sunny May					
June-12	624	624	100.00%	8.0%	Sunny June					
July-12	672	672	100.00%	7.7%	Very Dry					
August-12	864	864	100.00%	6.6%	Very Dry					
September-12			#DIV/0!							
October-12			#DIV/0!							
November-12			#DIV/0!							
December-12			#DIV/0!							
Totals to Date	5852	5852	100.00%							\$2,923.28

* Percent Capacity is based on initial operating groundwater flows from the eight installed pumps 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 76 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	\$	1,216.53								
Agway Electric	\$	65.33								
Mr. C's Gas	\$	118.40								
Mr. C's Telephone	\$	-								
Ave. Utility Cost Total	\$	1,400.26	times	12 Month Estimate	\$18,203.33					