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August 28, 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
July 2013 Operations, Maintenance, and Monitoring Report

Dear Mr. Welling:

Ecology and Environment Engineering, P.C. (EEEPC) is pleased to provide the July 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. The lateness in the delivery of the report has been a result of completion of corrective actions and repairs on the treatment systems air stripper and the influent groundwater bag filters. Copies of bi-monthly inspection reports and photo-documentation prepared by EEEPC's subcontractor, Iyer Environmental Group, PLLC (IEG), are provided in Attachment A. Selected pages from the individual analytical data packages prepared by Spectrum Analytical Inc. (SAI), Warwick, Rhode Island are provided as Attachments B, C, and D. The full analytical reports along with QA/QC information will be retained by EEEPC. The Daily Observation Reports and photo-documentation of the air stripper cleanup and filter bag changes provided by EEEPC of IEG's cleanup operations are included as Attachment E. Monthly remedial treatment system utility costs for the Mr. C's site is provided as Attachment F.

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

Operational Summary

Mr. C's Site – Remedial Operations Information

- Checklists for system inspections from IEG are provided as Attachment A for 7/1/13, 7/15/13, and 8/14/13. The treatment system was under corrective actions or shut down from July 29, 2013 through August 14, 2013 with zero discharge until new influent filters were installed and air stripper system cleaning was completed. Based on inspection reports prepared by IEG, the remedial treatment system for the period above had a 61.36% operational up-time (Table 1) and the treatment of contaminated groundwater during that period totaling of 255,356 gallons (Table 2) for July 2013.

- Initial compliance samples were taken on 7/9/13 (Attachment B) and analytical results received on July 16, 2013 from SAI. The results indicated non-compliance issues of Tetrachloroethene with the effluent concentration at 20µg/L as shown on Table 3. The maximum contaminant concentration allowed is 10µg/L The excerpts from the initial analytical data package are presented in Attachment B. Corrective cleanup actions then were initiated per the requirements of the Site Management Plan (SMP). The corrective actions performed included inspection of the overall treatment system, pressure washing the individual stripper trays and post cleaning review of the system differential pressures.
- After completion of the initial corrective actions, a second round of compliance sampling was performed on July 29, 2013 (Attachment C) and the system shut down pending the results of the analysis. The 2nd round of analytical results were received on August 5, 2013. The results of the 2nd round of sampling indicated continued non-compliance issues with the effluent discharge for Tetrachloroethene (PCE) at 48µg/L as shown on Table 3. Additional system inspections were performed as part of a second round of corrective actions. The inspection discovered corrosion in the bag filter unit which was allowing fine particles to pass through the system causing preferential pathways and occlusion of the air orifices on the air stripper trays. Decisions were made to tear down and clean the air stripping unit and discuss options with replacement of the bag filter with the NYSDEC PM.
- Tear down cleaning and repairs were made to the air stripper on July 29-31, 2013 by IEG.
- A replacement bag filter unit was obtained from NYSDEC's equipment inventory and delivered to the site on August 9, 2013.
- After completion of the corrective actions the system was reactivated and another sample was taken and submitted to SAI in August 15, 2013 with the analytical results received on August 21, 2013. The results of the sampling indicated compliance with the parameters in the SPDES Equivalency Permit (see Table 3) for the site treatment operations including Tetrachloroethene at 1.5µg/L. The excerpts from the 3rd analytical data package from SAI are presented in Attachment D.
- The air stripper cleaning was taken place from July 29 to July 31, and the daily observation reports are presented in Attachment E.
- The analytical results of the 3rd round of sampling revealed the total volatile organic contaminant concentrations of the influent to be 144.6 µg/L or 144.6 ppb, and 1.5 µg/L or 1.5 ppb of treated effluent. The summary of influent and effluent contaminant concentrations for the July 2013 samplings are presented in Table 4.
- The Mr. C's treatment system based on the total monthly flows has effectively removed 0.30 lbs. of targeted contaminants from the groundwater below the site in the month of July 2013. The calculations and data for the month are presented in Table 5.
- Other System Work performed –
  - PW-4 collapsed inner ring and was off due to maintenance problems during the month of July 2013, and the inner ring was replaced the week of August 14, 2013.
  - PW-6 was off due to maintenance problem during the month of July 2013.
  - PW-5 and PW-7 were shut off due to being in close proximity of bio-augmentation injection operations during the month of July 2013.

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.
- NYSDEC is performing the scheduling of the removal of the shed and ancillary equipment in the next few months.
- 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 in March 2013. 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

- 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 changing of the switch for this fan to provide uninterrupted operations.

Bioaugmentation Direct Push Injection Work

- Procurement for obtaining a direct push subcontractor was performed in March 2013. The successful bidder was Nature's Way Environmental, Alden, NY.
- Part 1 of the bio-augmentation direct push injection work was performed by Nature's Way from May 20, through 31, 2013. Part 1 of the program was the injection of the Regenesis HRC primer and 3-D Microemulsion. Oversight of the first for program performance and quality assurance of the scope of work was provided by EEEPC.
- The 1st progress monitoring sampling of the groundwater wells associated with the "pilot" bioaugmentation program was performed on July 1-2, 2013.
- Pumping Wells PW-5 and PW-7 still remain temporarily turned off due to close proximity to the injection locations of the "pilot" bio-augmentation program.

- Monthly monitoring and analyses to be performed for eight months to evaluate the effectiveness of the "pilot" installation on the groundwater from the local area monitoring wells. Interim status reports to be performed and issued by EEEPC.
- The second phase of the bio-injections (BDI Plus) was completed July 15-19, 2013. It is estimated to take a week to complete.

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 F.
- 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 Brownschidle 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 final validated report was delivered to NYSDEC and NYSDOH on May 7, 2013.
- Letters issued from NYSDOH (May 28, 2013) to the property owners regarding the need to install mitigation systems on the property. Further discussions regarding the installation of the mitigation system will be performed with the NYSDEC PM.
- Field measurements of the basements at 578 Main Street and 572 Main Street for the installation of the SSDS units was performed by EEEPC engineering personnel in July. Drawings to be developed for the installation of SSDS units by the NYSDEC's proposed callout contractor.

Site Management Plan

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

If you have questions regarding the July 2013 OM&M report summary, please do not hesitate to contact me at 716-684-8060.

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

Michael G. Steffan
Project Manager

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

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%
May 6, 2013 - June 3, 2013	672	100.00%
June 3, 2013 - July 1, 2013	672	100.00%
July 1, 2013 - August 14, 2013	648	61.36%
		#DIV/0!
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Total Hours from System Startup '2/02'	**92,545.50**	
Average Operational Up-time from startup =		**96.21%**
Average Operational Up-time for 2013 =		**88.93%**

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	5/6/13 - 6/3/13	304,452
June 2013	6/3/13 - 7/1/13	238,715
July 2013	7/1/13 - 8/14/13	255,356
August 2013		0
September 2013		0
October 2013		0
November 2013		0
December 2013		0
Total Gallons Treated in 2013		**2,023,446**
Total Gallons Treated To Date:		**120,459,523**

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	July 16, 2013 - Effluent Analytical Values - Compliance	August 5, 2013 - Effluent Analytical Values - Compliance	August 21, 2013 - Effluent Analytical Values - Compliance
Flow	N/A	gpd	9,458	9,458	9,458
Ph	6.0 - 9.0	standard units	7.80	8.10	8.10
1,1 Dichloroethene	10	µg/L	ND(<1.0)	ND(<1.0)	ND(<1.0)
1,1 Dichloroethane	10	µg/L	ND(<1.0)	ND(<1.0)	ND(<1.0)
cis-1,2-dichloroethene	10	µg/L	2.2	5.3	ND(<1.0)
Trichloroethene	10	µg/L	ND(<1.0)	1.3	ND(<1.0)
Tetrachloroethene	10	µg/L	20	48	1.5
Vinyl Chloride	10	µg/L	ND(<1.0)	ND(<1.0)	ND(<1.0)
Benzene	5	µg/L	ND(<1.0)	ND(<1.0)	ND(<1.0)
Ethylbenzene	5	µg/L	ND(<1.0)	ND(<1.0)	ND(<1.0)
Methylene Chloride	10	µg/L	ND(<1.0)	ND(<1.0)	ND(<1.0)
1,1,1 Trichloroethane	10	µg/L	ND(<1.0)	ND(<1.0)	ND(<1.0)
Toluene	5	µg/L	ND(<1.0)	ND(<1.0)	ND(<1.0)
Methyl-t-Butyl Ether (MTBE)	NA	µg/L	1.5	2	ND(<1.0)
o-Xylene[2]	5	µg/L	NA	NA	NA
m, p-Xylene[2]	10	µg/L	NA	NA	NA
Total Xylenes	NA	µg/L	ND(<1.0)	ND(<1.0)	ND(<1.0)
Iron, total	600	µg/L	NA[9]	NA[9]	NA[9]
Aluminum	4,000	µg/L	NA[9]	NA[9]	NA[9]
Copper	48	µg/L	NA[9]	NA[9]	NA[9]
Lead	11	µg/L	NA[9]	NA[9]	NA[9]
Manganese	2,000	µg/L	NA[9]	NA[9]	NA[9]
Silver	100	µg/L	NA[9]	NA[9]	NA[9]
Vanadium	28	µg/L	NA[9]	NA[9]	NA[9]
Zinc	230	µg/L	NA[9]	NA[9]	NA[9]
Total Dissolved Solids	850	mg/L	NA[9]	NA[9]	NA[9]
Total Suspended Solids	20	mg/L	NA[9]	NA[9]	NA[9]
Hardness	N/A	mg/L	460	390	390
Cyanide, Free	10	µg/L	NA[9]	NA[9]	NA[9]

NOTES:

1. "Daily Maximum" excerpted from Attachment E of Addendum 1 to the Construction Contract Documents dated October 2000.
2. Analytical report did not differentiate between o-Xylene and m, p-Xylene. Total Xylene value reported is given in each line.
3. Shaded cells indicate that analytical value exceeds the "Daily Maximum."
4. "ND" indicates that the compound was not detected and lists the practical quantitation limit in parentheses.
5. "NA" indicates that analyses were not performed and data is unavailable.
6. Average flows based on effluent readings July 1, 2013 through August 14, 2013. Total gallons: 255,356 divided by 27 operating days.
7. "J" indicates an estimated value below the detection limit.
8. "B" indicates analyte found in the associated blank.
9. Removed from the required analysis list by NYSDEC Region 9 in February 2005.

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

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

Compound	Based on the 7/16/13 Effluent Sampling Results				
	Influent Concentration* (ug/L)		Effluent Concentration* (ug/L)		Cleanup Efficiency** (%)
Acetone	ND (<5.0)	U	ND (<5.0)	U	NA
Benzene	ND (<1.0)	U	ND (<1.0)	U	NA
2-Butanone	ND (<5.0)	U	ND (<5.0)	U	NA
cis-1, 2-Dichloroethene	6.5		2.2		66.15%
Chloroform	ND (<1.0)	U	ND (<1.0)	U	NA
Methylene chloride	ND (<1.0)	U	ND (<1.0)	U	NA
Methyl tert-butyl ether (MTBE)	2.1		1.5		28.57%
Tetrachloroethene (PCE)	94.0		20		78.72%
Toluene	ND (<1.0)	U	ND (<1.0)	U	NA
Trichloroethene (TCE)	3.0		ND (<1.0)	U	100.00%
Carbon Disulfide	ND (<1.0)	U	ND (<1.0)	U	NA
1,1,2 Trichloro-1,2,2-trifluororethane	ND (<1.0)	U	ND (<1.0)	U	NA
Cyclohexane	ND (<1.0)	U	ND (<1.0)	U	NA
trans-1,2-dichloroethene	ND (<1.0)	U	ND (<1.0)	U	NA
Chlorobenzene	ND (<1.0)	U	ND (<1.0)	U	NA
Methylcyclohexane	ND (<1.0)	U	ND (<1.0)	U	NA
Methyl acetate	ND (<1.0)	U	ND (<1.0)	U	NA
Total Xylenes	ND (<1.0)	U	ND (<1.0)	U	NA
July 2013 TOTALs (in ug/L) =	**105.6**		**23.70**		**77.56%**

Notes:
1. "NA" = Not applicable
2. "U" = Compound analyzed, but was not detected. Detection limit in parentheses.
3. "DJ" or "J" indicates an estimated value below the practical quantitation limit but above the method detection limit.
4. Non-detect values are assumed to be equal to zero for calculation of monthly average concentrations.
5. "D" indicates the compound concentration was obtained form a secondary dilution analysis..

* (<50) - Detection Limit
** Contaminants of Concern only

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

Compound	Based on the 8/5/13 Effluent Sampling Results				
	Influent Concentration* (ug/L)		Effluent Concentration* (ug/L)		Cleanup Efficiency** (%)
Acetone	ND (<5.0)	U	ND (<5.0)	U	NA
Benzene	ND (<1.0)	U	ND (<1.0)	U	NA
2-Butanone	ND (<5.0)	U	ND (<5.0)	U	NA
cis-1, 2-Dichloroethene	8.2		5.3		35.37%
Chloroform	ND (<1.0)	U	ND (<1.0)	U	NA
Methylene chloride	ND (<1.0)	U	ND (<1.0)	U	NA
Methyl tert-butyl ether (MTBE)	2.5		2		20.00%
Tetrachloroethene (PCE)	130.0		48		63.08%
Toluene	ND (<10.0)	U	ND (<1.0)	U	NA
Trichloroethene (TCE)	2.6		1.3		50.00%
Carbon Disulfide	ND (<1.0)	U	ND (<1.0)	U	NA
1,1,2 Trichloro-1,2,2-trifluororethane	ND (<1.0)	U	ND (<1.0)	U	NA
Cyclohexane	ND (<1.0)	U	ND (<1.0)	U	NA
trans-1,2-dichloroethene	ND (<1.0)	U	ND (<1.0)	U	NA
Chlorobenzene	ND (<1.0)	U	ND (<1.0)	U	NA
Methylcyclohexane	ND (<1.0)	U	ND (<1.0)	U	NA
Methyl acetate	ND (<1.0)	U	ND (<1.0)	U	NA
Total Xylenes	ND (<1.0)	U	ND (<1.0)	U	NA
July 2013 TOTALs (in ug/L) =	**143.3**		**56.60**		**60.50%**

Notes:
1. "NA" = Not applicable
2. "U" = Compound analyzed, but was not detected. Detection limit in parentheses.
3. "DJ" or "J" indicates an estimated value below the practical quantitation limit but above the method detection limit.
4. Non-detect values are assumed to be equal to zero for calculation of monthly average concentrations.
5. "D" indicates the compound concentration was obtained form a secondary dilution analysis..

* (<50) - Detection Limit
** Contaminants of Concern only

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

Compound	Based on the 8/21/13 Effluent Sampling Results				
	Influent Concentration* (ug/L)		Effluent Concentration* (ug/L)		Cleanup Efficiency** (%)
Acetone	ND (<5.0)	U	ND (<5.0)	U	NA
Benzene	ND (<1.0)	U	ND (<1.0)	U	NA
2-Butanone	ND (<5.0)	U	ND (<5.0)	U	NA
cis-1, 2-Dichloroethene	17.0		ND (<1.0)	U	100.00%
Chloroform	1.2		ND (<1.0)	U	100.00%
Methylene chloride	ND (<1.0)	U	ND (<1.0)	U	NA
Methyl tert-butyl ether (MTBE)	3		ND (<1.0)	U	100.00%
Tetrachloroethene (PCE)	120.0		1.5		98.75%
Toluene	ND (<1.0)	U	ND (<1.0)	U	NA
Trichloroethene (TCE)	3.4		ND (<1.0)	U	100.00%
Carbon Disulfide	ND (<1.0)	U	ND (<1.0)	U	NA
1,1,2 Trichloro-1,2,2-trifluororethane	ND (<1.0)	U	ND (<1.0)	U	NA
Cyclohexane	ND (<1.0)	U	ND (<1.0)	U	NA
trans-1,2-dichloroethene	ND (<1.0)	U	ND (<1.0)	U	NA
Chlorobenzene	ND (<1.0)	U	ND (<1.0)	U	NA
Methylcyclohexane	ND (<1.0)	U	ND (<1.0)	U	NA
Methyl acetate	ND (<1.0)	U	ND (<1.0)	U	NA
Total Xylenes	ND (<1.0)	U	ND (<1.0)	U	NA
July 2013 TOTALs (in ug/L) =	**144.6**		**1.50**		**98.96%**

Notes:
1. "NA" = Not applicable
2. "U" = Compound analyzed, but was not detected. Detection limit in parentheses.
3. "DJ" or "J" indicates an estimated value below the practical quantitation limit but above the method detection limit.
4. Non-detect values are assumed to be equal to zero for calculation of monthly average concentrations.
5. "D" indicates the compound concentration was obtained form a secondary dilution analysis..

* (<50) - Detection Limit
** Contaminants of Concern only

Table 5
Mr. C's Dry Cleaners Site Remediation
Site #9-15-157
Monthly VOCs Removed From Groundwater

Month	Actual Period	Influent VOCs (µg/L)	Effluent VOCs (µg/L)	VOCs Removed (lbs.)
Total pounds of VOCs removed from inception to December 2012 =				**1556.45**
January 2013	01/7/13 - 2/4/13	1094.9	0.91	2.39
February 2013	2/4/13 - 3/4/13	1112.2	12.44	2.23
March 2013	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	5/6/13 - 6/3/13	1097.0	10.00	2.76
June 2013	6/3/13 - 7/1/13	103.1	6.87	0.19
July 2013	7/1/13 - 8/14/13	144.6	1.50	0.30
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 =	**1,573.56**
			Total pounds of VOCs removed in 2013 =	**17.10**

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

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

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

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

Attachment A
IEG Weekly Inspection Reports
July 2013

Including:

7/1/13

7/15/13

8/14/13

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

DATE: 1-Jul-13 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen OTHER PERSONNEL: E & E, Inc.

WEATHER CONDITIONS: Cloudy, warm OUTSIDE TEMPERATURE (°F): 67

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

PW-4 and PW-6 are OFF due to maintenance problems.

PW-5 and PW-7 are OFF due to injection operation.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: ____	OFF: √	5 ft	PW-5	ON: √	OFF: ____	12 ft
PW-2	ON: ____	OFF: √	7 ft	PW-6	ON: ____	OFF: √	65507 ft
PW-3	ON: ____	OFF: √	5 ft	PW-7	ON: √	OFF: ____	13 ft
PW-4	ON: √	OFF: ____	13 ft	PW-8	ON: √	OFF: ____	5 ft

EQUALIZATION TANK: 5 ft Last Alarm D/T/Condition: 6/20/13 Air Stripper Low Level

NOTES: ____

INFLUENT FLOW RATE: 0 gpm INFLUENT TOTALIZER READING: 9,147,423.0 gallons

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

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

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

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

AIR STRIPPER BLOWER IN USE: #1 √ #2 ____ AIR STRIPPER PRESSURE: 36.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.018 in. H_2O DISCHARGE PRESSURE: 0.5 in. H_2O

EFFLUENT PUMP IN USE: #1 ____ #2 √ EFFLUENT FEED PUMP PRESSURE: 1.0 psi

EFFLUENT FLOW RATE: 120 gpm EFFLUENT TOTALIZER READING: 71,783,397 | 292500 gallons

ARE BUILDING HEATERS IN USE? YES: ____ NO: √ INSIDE TEMPERATURE (°F): 88

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

1-Jul-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: E & E, Inc is present monitoring the ingection opeperation.

Other Actions:

AGWAY

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

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

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

Remarks: System is OFF until further instructions.

Other Actions:

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

DATE: 15-Jul-13 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen OTHER PERSONNEL: Nature's Way, E & E, Inc

WEATHER CONDITIONS: Sunny, hot OUTSIDE TEMPERATURE (°F): 80

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

PW-4 and PW-6 are OFF due to maintenance problems.

PW-5 and PW-7 are OFF due to injection operation.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: ____	OFF: √	6 ft	PW-5	ON: √	OFF: ____	12 ft
PW-2	ON: ____	OFF: √	5 ft	PW-6	ON: ____	OFF: √	65507 ft
PW-3	ON: ____	OFF: √	5 ft	PW-7	ON: √	OFF: ____	13 ft
PW-4	ON: √	OFF: ____	13 ft	PW-8	ON: ____	OFF: √	6 ft

EQUALIZATION TANK: 3 ft Last Alarm D/T/Condition: 6/20/13 Air Stripper Low Level

NOTES: ____

INFLUENT FLOW RATE: 53 gpm INFLUENT TOTALIZER READING: 9,350,936.0 gallons

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

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

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

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

AIR STRIPPER BLOWER IN USE: #1 √ #2 ____ AIR STRIPPER PRESSURE: 38.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.02 in. H_2O DISCHARGE PRESSURE: 0.5 in. H_2O

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

EFFLUENT FLOW RATE: 120 gpm EFFLUENT TOTALIZER READING: 71,909,539 | 418930 gallons

ARE BUILDING HEATERS IN USE? YES: ____ NO: √ INSIDE TEMPERATURE (°F): 99

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

15-Jul-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: Nature's Way is doing Round 2 of injections.

(5) gall bucket of sludge / water in Treatment Room. E & E, Inc., or Nature's Way do not claim it.

Other Actions: Enabled Overhead Door to be locked 2" ajar to facilitate the entrance of outside air during periods of hot weather.

Made an additional bolt keeper in the track and moved the bolt closer to the track for more secure locking.

Air Stripper - hose trays through access ports.

AGWAY

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

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

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

Remarks: System is OFF until further instructions.

Other Actions:

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

DATE: 14-Aug-13 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen OTHER PERSONNEL:

WEATHER CONDITIONS: Partly cloudy, warm OUTSIDE TEMPERATURE (°F): 64

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

PW-4 and PW-6 are OFF due to maintenance problems.

PW-5 and PW-7 are OFF due to injection operation.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON:		OFF: √	8 ft	PW-5	ON: √	OFF:	12	ft
PW-2	ON:		OFF: √	7 ft	PW-6	ON:	OFF: √	65507	ft
PW-3	ON:		OFF: √	7 ft	PW-7	ON: √	OFF:	13	ft
PW-4	ON: √		OFF:	13 ft	PW-8	ON: √	OFF:	6	ft

EQUALIZATION TANK: 3 ft Last Alarm D/T/Condition: 8/13/13 Air Stripper Low Level

NOTES:

INFLUENT FLOW RATE: 5 gpm INFLUENT TOTALIZER READING: 9,556,562.0 gallons

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

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

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

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

AIR STRIPPER BLOWER IN USE: #1 √ #2 AIR STRIPPER PRESSURE: 13.0 in. H_2O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.45 In. H_2O DISCHARGE PRESSURE: 7.0 in. H_2O

EFFLUENT PUMP IN USE: #1 #2 √ EFFLUENT FEED PUMP PRESSURE: 2.5 psi

EFFLUENT FLOW RATE: 120 gpm EFFLUENT TOTALIZER READING: 72,038,753 | 548470 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

14-Aug-13

SAMPLES COLLECTED? YES: √ NO: _____

	Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Cond.
AIR STRIPPER INFLUENT:	INF	3:00 PM	7.54	9.10	18.5	1660
AIR STRIPPER EFFLUENT:	EFF	3:00 PM	8.24	8.80	19.2	2002

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: PW-4 - replaced inner ring

AGWAY

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

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

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

Remarks: System is OFF until further instructions.

Other Actions:

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

Date: 5-Jul-13 **Measurements taken by:** R. Allen

RW-1	15.30 ft	Comments:		PW-5	10.80 ft	Comments:	injection liquid
PZ-1A	10.95 ft	Comments:		PZ-5A	9.60 ft	Comments:	
PZ-1B	10.62 ft	Comments:		PZ-5B	10.21 ft	Comments:	
PZ-1C	11.76 ft	Comments:		PZ-5C	9.85 ft	Comments:	
PZ-1D	11.89 ft	Comments:		PZ-5D	10.62 ft	Comments:	
PW-2	16.30 ft	Comments:		PW-6	11.08 ft	Comments:	
PZ-2A	10.41 ft	Comments:		PZ-6A	11.09 ft	Comments:	
PZ-2B	10.78 ft	Comments:		PZ-6B	9.04 ft	Comments:	
PZ-2C	10.25 ft	Comments:		PZ-6C	11.19 ft	Comments:	
MW-7	10.81 ft	Comments:	Substitute for 2D	PZ-6D	10.86 ft	Comments:	Shown as RW-2 on map
PW-3	17.80 ft	Comments:		PW-7	----- ft	Comments:	injection fluid
PZ-3A	10.93 ft	Comments:		MPI-6S	----- ft	Comments:	injection fluid
PZ-3B	----- ft	Comments:	under car	PZ-7B	10.76 ft	Comments:	
PZ-3C	11.46 ft	Comments:		OW-B	10.72 ft	Comments:	injection fluid
PZ-3D	10.97 ft	Comments:		PZ-7D	----- ft	Comments:	
PW-4	----- ft	Comments:	damaged ring	PW-8	17.00 ft	Comments:	
PZ-4A	11.06 ft	Comments:		PZ-8A	7.75 ft	Comments:	
PZ-4B	10.28 ft	Comments:		PZ-8B	7.65 ft	Comments:	
PZ-4C	----- ft	Comments:	sealed over	PZ-8C	7.33 ft	Comments:	
PZ-4D	9.87 ft	Comments:		PZ-8D	7.56 ft	Comments:	

PUMPS IN OPERATION DURING MEASUREMENTS

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

Mr. C's CLEANERS OM&M

SUMMARY OF FIELD ACTIVITIES BY IEG - 7/2013

DATE	ACTIVITY
1-Jul	OM&M Weekly Inspection. End of month summaries.
Jul. 5	Piezometer Readings
8-Jul	OM&M Weekly Inspection. Sampling.
9-Jul	Office work and research.
14-Jul	Respond to AutoAlarm.
15-Jul	OM&M Weekly Inspection. Adjust overhead door bolt. Office work.
19-Jul	Air Stripper - brush and hose through access ports
22-Jul	OM&M Weekly Inspection
29-Jul	Air Stripper - tear down and clean
30-Jul	Clean up outside after Air Stripper cleaning. Change bag filters. Office research.
31-Jul	Lower effluent pipe. Office research.

Mr. C's CLEANERS OM&M
STATUS OF FIELD ACTIVITIES BY IEG - 7/2013

ACTIVITY	DESCRIPTION	COMPLETION DATE/STATUS
PW-8 cycles erratically	Transducer appears defective. Inspect/clean transducer and aneroid bellows.	Apr-13
PW-2 not pumping	Inspect and clean pump and transducer. Replace defective well pump.	Apr-13
PW-4 Well Repair and Level	Asphalt around PW-4 well has sunk, due to collapse of corroded inner ring. Replace inner ring and bring parking lot up to level with asphalt patch.	in progress
PW-4 UE Level	Asphalt around Underground Enclosure has sunk, leaving it vulnerable to damage. Bring parking lot up to level with asphalt patch.	in progress
Rebuild JAC Pump as needed	Jesco America Corp recommends rebuilding the Redux pump when needed. Purchased rebuild kit.	in progress
Brace Effluent Pipe	David Szymanski (NYSDEC) inspected Treatment Room and said that the effluent pipe should be braced in (3) places to the north wall.	in progress
Inspect and clean Manholes	Inspect manholes near operating pumps. Pump out water in manholes and clean out remaining sediment and other material.	in progress
Trim Broken Piezometers	Many of the piezometers are broken. Measuring water levels is not precise when a pipe is broken. Identify and trim all broken piezometers.	in progress
Cool Treatment Room	Temperature in Treatment Room is well above 90 degrees during the summer months. Need to increase outside air inflow to the room.	in progress
Replace Air Stripper Exhaust	Present Air Stripper exhaust is very heavy and leaks moisture. Replace with lighter system.	in progress
Demobilize Agway Shed	Remove all equipment from shed and deliver to owner/recycle/dispose as needed; dismantle electrical installations; disassemble/remove shed structure/base.	on hold
PW-7 pitless adapter	Pitless adapter does not seal well. Repair or replacer pitless adapter	in progress
PW-8 pitless adapter	Pitless adapter feels broken/does not seal well. Repair/replace pitless adapter	in progress
Blower #2 makes loud noise	Fan seems to have slipped off of the motor shaft. Disassemble, inspect and repair.	in progress
PW-6 pumping into itself	Water enters well when well pump is running. Suspect faulty check valve. Test and repair as needed.	in progress
Dispose Open Top Sludge Drum	Plastic 55 gal drum with open top is almost full of sludge. Dispose of drum to free up space in the cramped Treatment Room.	in progress
Dispose used Bag Filters	There are (2) Metal 55 gal drums filled with used bag filters. Dispose of both drums and get new drum to store used bag filters.	in progress
Filter Housings are corroded	Flanges that seal filter baskets inside Rosedale Filter Housings are corroded. Sediment flows around filters instead of being trapped. Replace seals in existing housings (short term). Replace housings (long term).	in progress
Teardown Air Stripper and clean	Sediment bypass from corroded filter housings has plugged lower tray of Air Stripper. Tear down and clean.	Jul-13
Move Effluent Pipe	Effluent pipe blocks the access ports of Tray #2. Air Stripper cleaning through these access ports is compromised. Lower effluent pipe 8" to clear the ports.	Jul-13

Mr. C's CLEANERS OM&M

SUMMARY OF WATER PUMP MAINTENANCE BY IEG - 2013

as of Jul 2013

ID	CLEAN & INSPECT PUMP	REPLACED PUMP	REPAIR PUMP	PITLESS ADAPTER	HORIZONTAL PIPE	CLEAN & INSPECT TRANSDUCER	REPLACE TRANSDUCER	REPAIR TRANSDUCER	PUMP OUT WELL	CLEAN OUT & INSPECT ELECTRICAL BOX	ELECTRICAL BOX REPAIR
RW - 1	Jan 08, May 10, Jan 12	Feb 08, Jan 12	May 10, Nov 08			May 10, Jan 12					
PW - 2	Jun 08, Aug 09, May 10, Apr 13	Jul 08, Apr 13				Nov 11 May 10, Apr 13	Sep 09, Dec 11		Aug-09	Nov-11	Sep-09
PW - 3	Jun 08, Aug 09, May 10	Jul 08, Dec 11		Repair adapter		Aug 09, Nov 11	Dec 11		Aug-09	Nov-11	
PW - 4	Dec 07, May 08, Sep 09, May 10, Jan 12	Dec 07, Jan 12				May 10, Nov 11	Dec 11, Mar 08, Sep 08	Sep-08	Jul 09, Sep 09	Sep 09, Nov 11	Sep-09
PW - 5	Jan 12, May 08	Jul 08, Jan 12				Mar-11	Jan 12, Sep 08	Sep-09		Jan-12	
PW - 6	Jun 08, Jul 09, Jul 12, Nov 12	Jun 08, Jul 09, Aug 12, Nov 12			Jul 12, Nov 12	Aug 09, Jul 12, Dec 12, Apr 13	Sep-09	Jun-08	Aug-09	Aug 09, Sep 09	Jul 09, Sep 09
PW - 7	Jun 08, Jul 09, May 10, Oct 10, Aug 11, Mar 12, Jul 12, Nov 12	Nov 07, Jul 09, Oct 10, Nov 12			Jul 12, Nov 12	Oct 10, Aug 11, Mar 12, Jul 12, Dec 12		Jun-08	Aug 09, May 10, Aug 11		
PW - 8	Jun 08, Aug 09, May 10, Aug 11, Jul 12, Dec 12	Jul 08, Sep 09, Aug 11, Dec 12			Pipe 8/09, Jul 12	May 10, Aug 11, Jul 12, Dec 12, Apr 13			Aug 09, May 10, Aug 11	Apr-13	Apr-13

Mr. C's CLEANERS OM&M

SUMMARY OF WATER PUMP STATUS - 2013

as of Jul 2013

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

Attachment B
Analytical Report from
Spectrum Analytical Laboratories

Analytical Data Package Work Order ID: M1113
Sampled: July 9, 2013
Received: July 16, 2013

Report Date:
16-Jul-13 15:46

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

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

Work Order: M1113
Project : Mr. C's Dry Cleaning
Project #: 4500000623/EN-003229-0001-03TTO

Attn: Michael Steffan

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
M1113-01	INFLUENT	Aqueous	09-Jul-13 14:00	10-Jul-13 10:20
M1113-02	EFFLUENT	Aqueous	09-Jul-13 14:30	10-Jul-13 10:20

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. The results relate only to the samples(s) as received. This report may not be reproduced, except in full, without written approval from Spectrum Analytical.

All applicable NELAC or USEPA CLP requirments have been meet.

Spectrum Analytical (Rhode Island) is accredited under the National Environmental Laboratory Approval Program (NELAP) and DoD Environmental Laboratory Accreditation Program (ELAP), holds Organic and Inorganic contracts under the USEPA CLP Program and is certified under several states. The current list of our laboratory approvals and certifications is available on the Certifications page on our web site at www.spectrum-analytical.com.

Please contact the Laboratory or Technical Director at 401-732-3400 with any questions regarding the data contained in the laboratory report.

Department of Defense	N/A
Connecticut	PH-0153
Delaware	N/A
Florida	E87664
Maine	2007037
Massachusetts	M-RI907
New Hampshire	2631
New Jersey	RI001
New York	11522
North Carolina	581
Rhode Island	LAI00301
USDA	P330-08-00023
USEPA - ISM	EP-W-09-039
USEPA - SOM	EP-W-11-033

NELAP ACCREDITED TNI LABORATORY

LABORATORY ACCREDITATION BUREAU ACCREDITED
Certificate # L2247 Testing

Authorized by:

Yihai Ding
Laboratory Director

M1113

SPECTRUM ANALYTICAL, INC
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

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

Report To: EaE, Inc
368 Pleasantview Dr
Lancaster, NY 14086

Telephone # (716) 684-8060
Project Mgr.: Mike Stefanov

Invoice To: EaE, Inc

P.O. No.: _____ RQN: _____

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

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9=_____ 10=_____ 11=_____

List preservative code below: — 4 2

Notes:

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: pH	Hardness	VOC
M1113-01	INFLUENT	Jul 9, 2013	2:00 P	G	GW				1	✓		
-01	INFLUENT		2:00 P	G	GW				1		✓	
-01	INFLUENT		2:00 P	G	GW	2						✓
-02	EFFLUENT		2:30 P	G	GW				1	✓		
-02	EFFLUENT		2:30 P	G	GW				1		✓	
M1113-02	EFFLUENT		2:30 P	G	GW	2						✓

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

State specific reporting standards: _____

☒ E-mail to mstefanov@me.com
EDD Format PDF

Condition upon receipt: ☒ Iced ☐ Ambient ☒ °C 4.6

Relinquished by:	Received by:	Date:	Time:
Robert C Allen Jr		7/10/13	10:20

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

* Volatiles *

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.: M1113 Mod. Ref No.: SDG No.: SM1113

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1113-01A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V5O4794.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/10/2013

% Moisture: not dec. Date Analyzed: 07/10/2013

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	1.0	U
74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
67-64-1	Acetone	5.0	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	2.1	
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	6.5	
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	3.0	
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	94	
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.

INFLUENT

Lab Name: SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: MITKEM Case No.: M1113 Mod. Ref No.: SDG No.: SM1113

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1113-01A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V5O4794.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/10/2013

% Moisture: not dec. Date Analyzed: 07/10/2013

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
98-82-8	Isopropylbenzene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
110-82-7	Cyclohexane	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U

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.: M1113 Mod. Ref No.: SDG No.: SM1113

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1113-02A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V5O4793.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/10/2013

% Moisture: not dec. Date Analyzed: 07/10/2013

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	1.0	U
74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
67-64-1	Acetone	5.0	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	1.5	
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	2.2	
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	20	
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.: M1113 Mod. Ref No.: SDG No.: SM1113

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1113-02A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V5O4793.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/10/2013

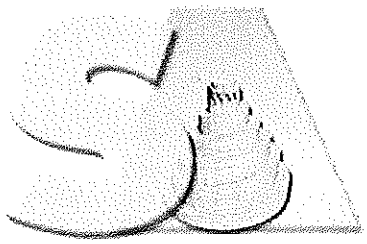
% Moisture: not dec. Date Analyzed: 07/10/2013

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
98-82-8	Isopropylbenzene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
110-82-7	Cyclohexane	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U



SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

* Wet Chemistry *

Client: Ecology and Environment Engineering P.C.
Client Sample ID: INFLUENT
Lab ID: M1113-01
Project: Mr. C's Dry Cleaning
Collection Date: 07/09/13 14:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SM 2340B -- HARDNESS by Calculation							**SM2340_W**
Hardness, Ca/Mg (As CaCO3)	460		4.0	mg/L CaCO3	1	07/12/2013 9:11	72677
SM 4500 H+ B -- pH VALUE							**SM4500_H+**
pH	7.1		1.0	S.U.	1	07/10/2013 13:25	R75184

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

Client: Ecology and Environment Engineering P.C.
Client Sample ID: EFFLUENT
Lab ID: M1113-02
Project: Mr. C's Dry Cleaning
Collection Date: 07/09/13 14:30

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SM 2340B -- HARDNESS by Calculation							**SM2340_W**
Hardness, Ca/Mg (As CaCO3)	460		4.0	mg/L CaCO3	1	07/12/2013 9:15	72677
SM 4500 H+ B -- pH VALUE							**SM4500_H+**
pH	7.8		1.0	S.U.	1	07/10/2013 13:27	R75184

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

Attachment C
Analytical Report from
Spectrum Analytical Laboratories

Analytical Data Package Work Order ID: M1303
Sampled: July 29, 2013
Received: August 5, 2013

Report Date:
05-Aug-13 08:25

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

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

Work Order: M1303
Project : Mr. C's Dry Cleaning
Project #: 4500000623/EN-003229-0001-03TTO

Attn: Michael Steffan

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
M1303-01	INFLUENT	Aqueous	29-Jul-13 09:00	30-Jul-13 10:07
M1303-02	EFFLUENT	Aqueous	29-Jul-13 09:00	30-Jul-13 10:07

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. The results relate only to the samples(s) as received. This report may not be reproduced, except in full, without written approval from Spectrum Analytical.

All applicable NELAC or USEPA CLP requirments have been meet.

Spectrum Analytical (Rhode Island) is accredited under the National Environmental Laboratory Approval Program (NELAP) and DoD Environmental Laboratory Accreditation Program (ELAP), holds Organic and Inorganic contracts under the USEPA CLP Program and is certified under several states. The current list of our laboratory approvals and certifications is available on the Certifications page on our web site at www.spectrum-analytical.com.

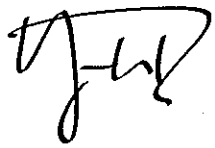
Please contact the Laboratory or Technical Director at 401-732-3400 with any questions regarding the data contained in the laboratory report.

Department of Defense	N/A
Connecticut	PH-0153
Delaware	N/A
Florida	E87664
Maine	2007037
Massachusetts	M-RI907
New Hampshire	2631
New Jersey	RI001
New York	11522
North Carolina	581
Rhode Island	LAI00301
USDA	P330-08-00023
USEPA - ISM	EP-W-09-039
USEPA - SOM	EP-W-11-033

NELAP ACCREDITED TNI LABORATORY

LABORATORY ACCREDITATION BUREAU ACCREDITED
Certificate # L2247 Testing

Authorized by:



Yihai Ding
Laboratory Director

M1303

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Page 1 of 1

CHAIN OF CUSTODY RECORD

☐ 11 Almgren Drive, Agawam, MA 01001, (413) 789-9018
☐ 8405 Benjamin Road, Ste A, Tampa, FL 33634, (813) 888-9507
☐ 646 Camp Avenue, N Kingstown, RI 02852, (401) 732-3400

Special Handling:

TAT- Ind icate Date Needed: Std
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 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: Mr Cs OM&M
Location: East Aurora State: NY
Sampler(s): RCA

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= _____ 12= _____

List preservative code below: 2

QA/QC Reporting Notes:

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs
	INFLUENT	7/29/13	9:00A	G	GW	2				V
	EFFLUENT	7/29/13	9:00A	G	GW	2				V

QA/QC Reporting Level
☐ Level I ☐ Level II
☐ Level III ☐ Level IV
☒ Other CAT A
State-specific reporting standards: _____

Please send a sample kit
Return IEG cooler

Relinquished by:	Received by:	Date:	Time:	Temp°C
Richard C Allen Jr		7/30/13	10:07	2.3C

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

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☒ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Page 3 of 23

* Volatiles *

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.: M1303 Mod. Ref No.: SDG No.: SM1303

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1303-01A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1M3256.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/30/2013

% Moisture: not dec. Date Analyzed: 07/31/2013

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	1.0	U
74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
67-64-1	Acetone	5.0	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	2.5	
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	8.2	
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	0.77	J
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	2.6	
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	130	
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.

INFLUENT

Lab Name: SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: MITKEM Case No.: M1303 Mod. Ref No.: SDG No.: SM1303

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1303-01A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1M3256.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/30/2013

% Moisture: not dec. Date Analyzed: 07/31/2013

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
98-82-8	Isopropylbenzene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
110-82-7	Cyclohexane	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U

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.: M1303 Mod. Ref No.: SDG No.: SM1303

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1303-02A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1M3255.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/30/2013

% Moisture: not dec. Date Analyzed: 07/31/2013

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	1.0	U
74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
67-64-1	Acetone	5.0	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	2.0	
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.3	
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	1.3	
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	48	
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.: M1303 Mod. Ref No.: SDG No.: SM1303

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1303-02A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1M3255.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/30/2013

% Moisture: not dec. Date Analyzed: 07/31/2013

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
98-82-8	Isopropylbenzene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
110-82-7	Cyclohexane	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U

Attachment D
Analytical Report from
Spectrum Analytical Laboratories

Analytical Data Package Work Order ID: M1431
Sampled: August 14, 2013
Received: August 21, 2013

Report Date:
21-Aug-13 09:53

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

Laboratory Report

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

Work Order: M1431
Project : Mr. C's Dry Cleaning
Project #: 4500000623/EN-003229-0001-03TTO

Attn: Michael Steffan

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
M1431-01	INFLUENT	Aqueous	14-Aug-13 15:30	15-Aug-13 10:15
M1431-02	EFFLUENT	Aqueous	14-Aug-13 15:30	15-Aug-13 10:15

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. The results relate only to the samples(s) as received. This report may not be reproduced, except in full, without written approval from Spectrum Analytical.

All applicable NELAC or USEPA CLP requirments have been meet.

Spectrum Analytical (Rhode Island) is accredited under the National Environmental Laboratory Approval Program (NELAP) and DoD Environmental Laboratory Accreditation Program (ELAP), holds Organic and Inorganic contracts under the USEPA CLP Program and is certified under several states. The current list of our laboratory approvals and certifications is available on the Certifications page on our web site at www.spectrum-analytical.com.

Please contact the Laboratory or Technical Director at 401-732-3400 with any questions regarding the data contained in the laboratory report.

Department of Defense	N/A
Connecticut	PH-0153
Delaware	N/A
Florida	E87664
Maine	2007037
Massachusetts	M-RI907
New Hampshire	2631
New Jersey	RI001
New York	11522
North Carolina	581
Rhode Island	LAI00301
USDA	P330-08-00023
USEPA - ISM	EP-W-09-039
USEPA - SOM	EP-W-11-033

NELAP ACCREDITED TNI LABORATORY

LABORATORY ACCREDITATION BUREAU ACCREDITED
Certificate # L2247 Testing

Authorized by:

Yihai Ding
Laboratory Director

M1431

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Page 1 of 1

CHAIN OF CUSTODY RECORD

☐ 11 Almgren Drive, Agawam, MA 01001, (413) 789-9018
☐ 8405 Benjamin Road, Ste A, Tampa, FL 33634, (813) 888-9507
☐ 646 Camp Avenue, N Kingstown, RI 02852, (401) 732-3400

Special Handling:
TAT- Indicate Date Needed: Std
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

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

Invoice To: EDE, Inc

P.O. No.: _____ RQN: _____

Project No.: _____
Site Name: MRCS OM&M
Location: East Aurora State: NY
Sampler(s): RCA

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11=_____ 12=_____

List preservative code below: — A Z

QA/QC Reporting Notes:

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

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: pH	Hardness	VOC
	INFLUENT	8/14/13	3:30p	G	GW				1	✓		
	INFLUENT		3:30P	G	GW				1		✓	
	INFLUENT		3:30P	G	GW	2						✓
	EFFLUENT		3:30P	G	GW				1	✓		
	EFFLUENT		3:30P	G	GW				1		✓	
	EFFLUENT		3:30P	G	GW	2						✓

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

State-specific reporting standards: _____

please send another sample kit. Send our old TEG cooler back as well

Relinquished by:	Received by:	Date:	Time:	Temp°C
Richard C Allen Jr		8/15/13	10:15	10°C

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

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Page 3 of 36

* 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.: M1431 Mod. Ref No.: SDG No.: SM1431

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1431-01A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1M3643.D

Level: (TRACE/LOW/MED) LOW Date Received: 08/15/2013

% Moisture: not dec. Date Analyzed: 08/15/2013

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	1.0	U
74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
67-64-1	Acetone	5.0	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	3.0	
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	17	
67-66-3	Chloroform	1.2	
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	3.4	
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	120	
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.

INFLUENT

Lab Name: SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: MITKEM Case No.: M1431 Mod. Ref No.: SDG No.: SM1431

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1431-01A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1M3643.D

Level: (TRACE/LOW/MED) LOW Date Received: 08/15/2013

% Moisture: not dec. Date Analyzed: 08/15/2013

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
98-82-8	Isopropylbenzene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
110-82-7	Cyclohexane	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U

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.: M1431 Mod. Ref No.: SDG No.: SM1431

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1431-02A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1M3642.D

Level: (TRACE/LOW/MED) LOW Date Received: 08/15/2013

% Moisture: not dec. Date Analyzed: 08/15/2013

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	1.0	U
74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
67-64-1	Acetone	5.0	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	1.5	
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.: M1431 Mod. Ref No.: SDG No.: SM1431

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1431-02A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1M3642.D

Level: (TRACE/LOW/MED) LOW Date Received: 08/15/2013

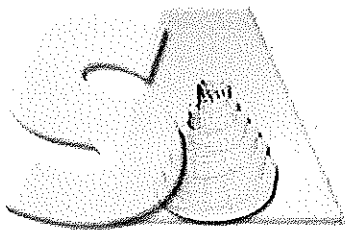
% Moisture: not dec. Date Analyzed: 08/15/2013

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
98-82-8	Isopropylbenzene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
110-82-7	Cyclohexane	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U



SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

* Wet Chemistry *

Client: Ecology and Environment Engineering P.C.
Client Sample ID: INFLUENT
Lab ID: M1431-01
Project: Mr. C's Dry Cleaning
Collection Date: 08/14/13 15:30

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SM 2340B -- HARDNESS by Calculation							**SM2340_W**
Hardness, Ca/Mg (As CaCO3)	400		4.0	mg/L CaCO3	1	08/19/2013 16:01	73232
SM 4500 H+ B -- pH VALUE							**SM4500_H+**
pH	7.3		1.0	S.U.	1	08/15/2013 13:50	R75928

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

Client: Ecology and Environment Engineering P.C.
Client Sample ID: EFFLUENT
Lab ID: M1431-02
Project: Mr. C's Dry Cleaning
Collection Date: 08/14/13 15:30

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SM 2340B -- HARDNESS by Calculation							**SM2340_W**
Hardness, Ca/Mg (As CaCO3)	390		4.0	mg/L CaCO3	1	08/19/2013 16:05	73232
SM 4500 H+ B -- pH VALUE							**SM4500_H+**
pH	8.1		1.0	S.U.	1	08/15/2013 13:53	R75928

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

Attachment E
Daily Observation Report and Photographic Documentation

DAILY OBSERVATION REPORT

Report No.: 7-29-13---0001* (* Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Monday, 07/29/13

Client: NYSDEC **Contract No. D007631**

Division of Environmental Remediation
Construction Management Oversight
NYSDEC Site # 9-15-157

Re: Air-stripper Teardown and Cleaning

Site: Mr. C's Dry Cleaners Site

Address: 586 Main Street, East Aurora, Erie County, New York 14052

Temperature: (F) 59 (am) 63 (pm)

Wind Direction: __(am)__(pm)

Weather: (am) Light Rain
(pm) Cloudy

Arrive at site: 10:45 (am)

Leave site: 5:00 (pm)

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? (If yes, list the deviation under items for concern) — Yes ( ) No (X)

Are monitoring results at acceptable levels? **Notes:**

-- Soils:	Yes ( )	n/a (X)	* No ( )
-- Waters:	Yes ( )	n/a (X)	* No ( )
-- Air (CAMP):	Yes ( )	n/a (X)	* No ( )

**If No, provide comments*

OTHER ITEMS:

Site Drawing(s) Attached: Yes ( ) No (X)

Photos Taken: Attached: Yes (X) No ( )

Samples Taken For Analysis Today: **Number of Samples**

N/A

DAILY OBSERVATION REPORT

Report No.: 7-29-13---0001* (* Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Monday, 07/29/13

DESCRIPTION OF DAILY WORK PERFORMED:

- 1045 hrs - Arrived at the site with Iyer Environmental and Acome Construction staff present. Staff member was cleaning air stripper trays with a pressure washer. Staff members were working inside the Mr. C's treatment building.
- 1330 hrs - Staff used a pressure washer, grinder, and drills to clean and restore air stripper trays. Staff continued to clean inside the Mr. C's treatment building.
- 1500 hrs - Staff restacked clean air stripper trays in the Mr. C's treatment building using the forklift.
- 1700 hrs - Staff members cleaned the site and left.

CONTRACTOR/SUBCONTRACTOR PERSONNEL ON SITE:

Name	Company Representing	Reason Onsite	Hours on-site
R. Allen	Iyer Environmental	Helper	7
Subcontractor Personnel	Acone Construction	Helper	7
Subcontractor Personnel	Acone Construction	Helper	7
Subcontractor Personnel	Acone Construction	Helper	7

DAILY OBSERVATION REPORT

Report No.: 7-29-13---0001* (* Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Monday, 07/29/13

EQUIPMENT ON SITE:

Equipment	Hrs	Equipment	Hrs	Equipment	Hrs	Equipment	Hrs
Forklift	7						
Pressure Washer	7						

1 – Active Equipment 2 – Inactive Equipment

VISITORS TO SITE:

- D. Iyer, Iyer Environmental

PROJECT SCHEDULE ITEMS / ISSUES:

- None

PROJECT BUDGET ISSUES:

- None

OFF-SITE WASTE TRANSPORTATION/DISPOSAL PRODUCTION:

Waste Stream	Method of Transport	Estimated Volume	Disposal Facilities		
N/A					
N/A					

ITEMS OF CONCERN:

- None

DAILY OBSERVATION REPORT

Report No.: 7-29-13---0001* (* Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Monday, 07/29/13

COMMENTS:

- None

ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, drawings)

- Photo log is included at the end of the DOR.

Jared Best, EEEPC , *Site Representative*

ON-SITE REPRESENTATIVE / CONSTRUCTION INSPECTOR:

Name: (*signature*) Date: 7/29/13

xc: W. Welling – NYSDEC
M. Steffan – E & E Buffalo
T. Heins – E & E Buffalo

DAILY OBSERVATION REPORT

Report No.: 7-29-13---0001* (* Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Monday, 07/29/13

DAILY PHOTOLOG

Date	Photo ID	Description
7/29/13	IMG_20130729_110049.JPG	Setup outside the Mr. C's treatment building - looking Northeast
7/29/13	IMG_20130729_110215.JPG	Staff using a pressure washer to clean an air stripper tray - looking Northeast
7/29/13	IMG_20130729_113628.JPG	Setup outside the Mr. C's treatment building - looking East
7/29/13	IMG_20130729_115805.JPG	Setup outside the Mr. C's treatment building - looking East
7/29/13	IMG_20130729_115856.JPG	Setup outside the Mr. C's treatment building - looking Northeast
7/29/13	IMG_20130729_115949.JPG	Inside Mr. C's treatment building
7/29/13	IMG_20130729_133127.JPG	Inside Mr. C's treatment building
7/29/13	IMG_20130729_160851.JPG	Staff cleaning and restoring air stripper trays
7/29/13	IMG_20130729_165359.JPG	Staff restacking air stripper trays in the Mr. C's treatment building

DAILY OBSERVATION REPORT

Report No.: 7-29-13---0001* (* Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Monday, 07/29/13

IMG_20130729_110049.JPG

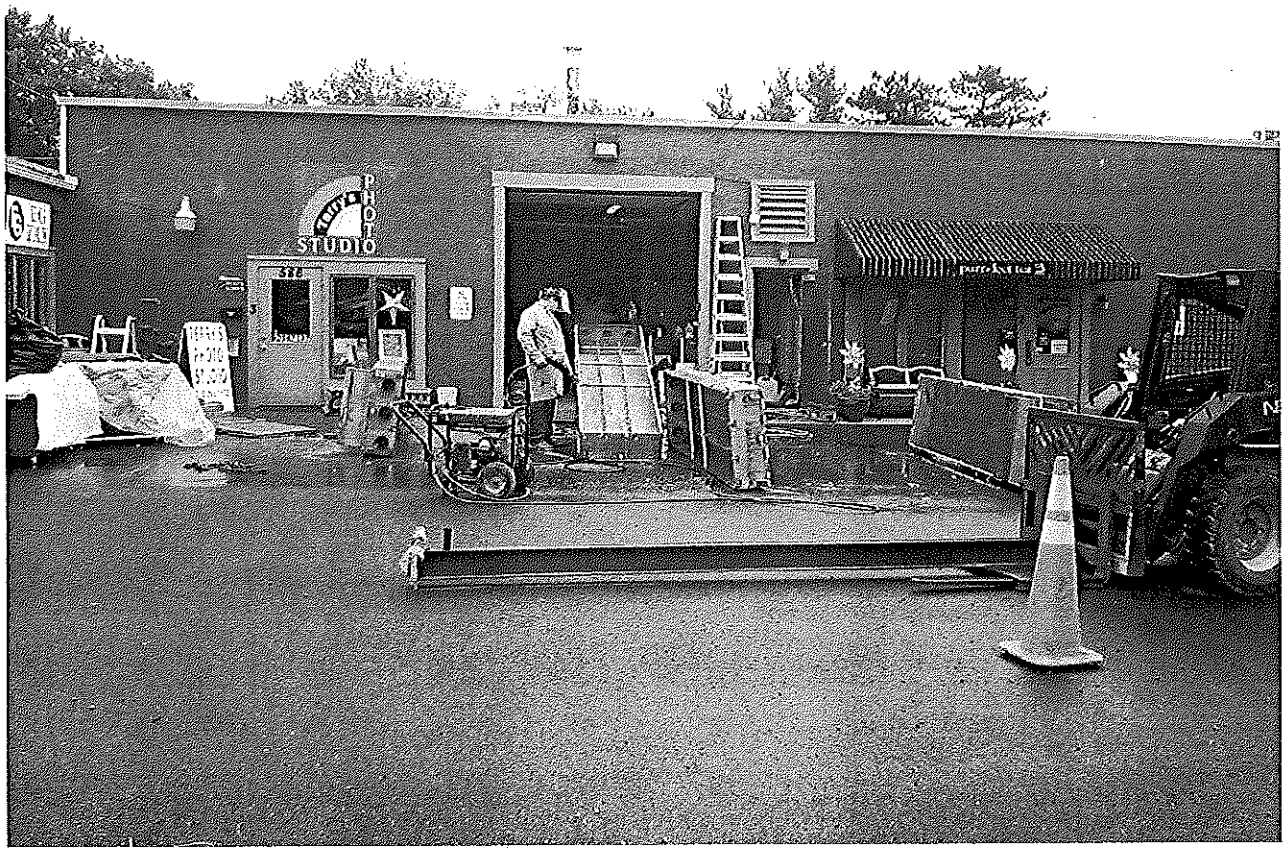
DAILY OBSERVATION REPORT

Report No.: 7-29-13---0001* (* Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Monday, 07/29/13

IMG_20130729_110215.JPG

DAILY OBSERVATION REPORT

Report No.: 7-29-13---0001* (* Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Monday, 07/29/13



IMG_20130729_113628.JPG

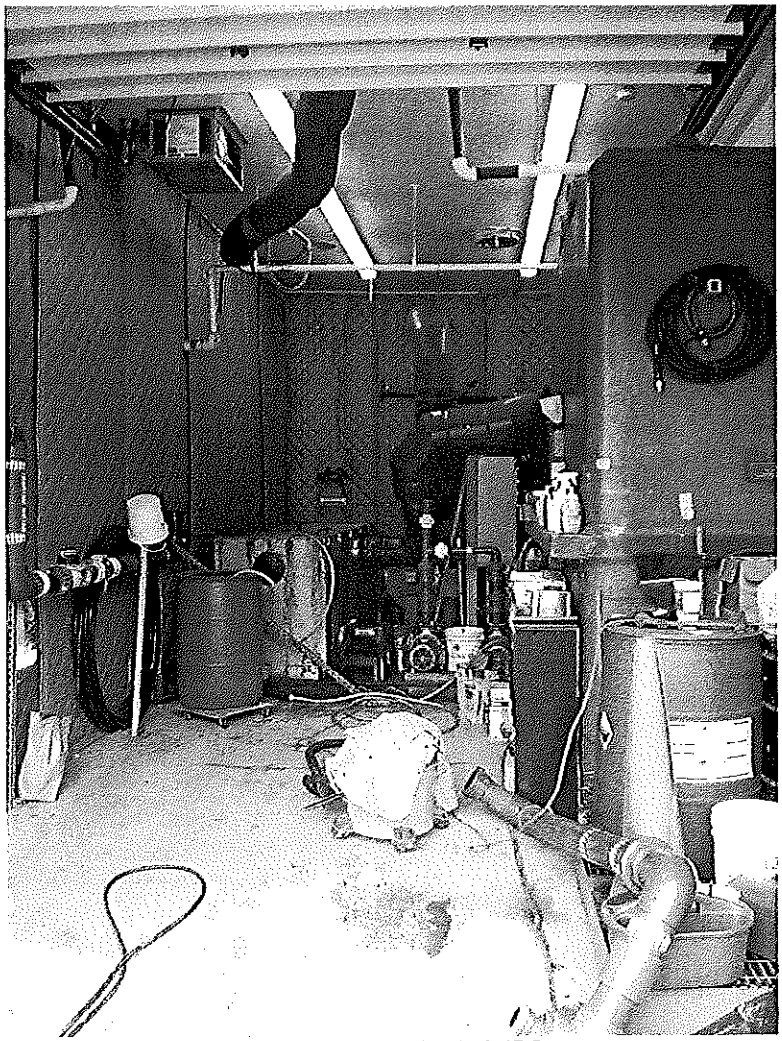
DAILY OBSERVATION REPORT

Report No.: 7-29-13---0001* (* Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Monday, 07/29/13

IMG_20130729_115805.JPG

DAILY OBSERVATION REPORT

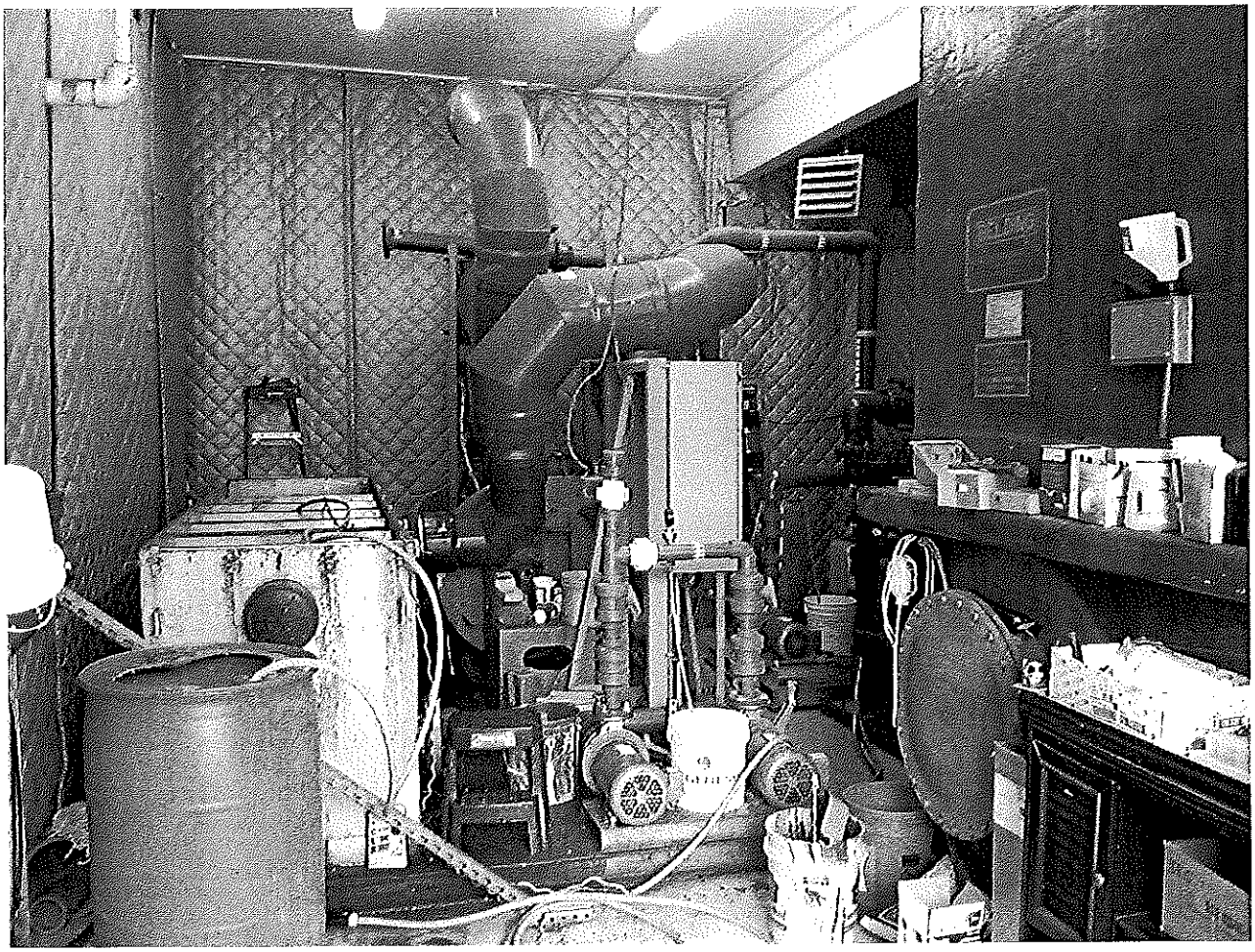
Report No.: 7-29-13---0001* (* Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Monday, 07/29/13



IMG_20130729_115856.JPG

DAILY OBSERVATION REPORT

Report No.: 7-29-13---0001* (* Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Monday, 07/29/13



IMG_20130729_115949.JPG

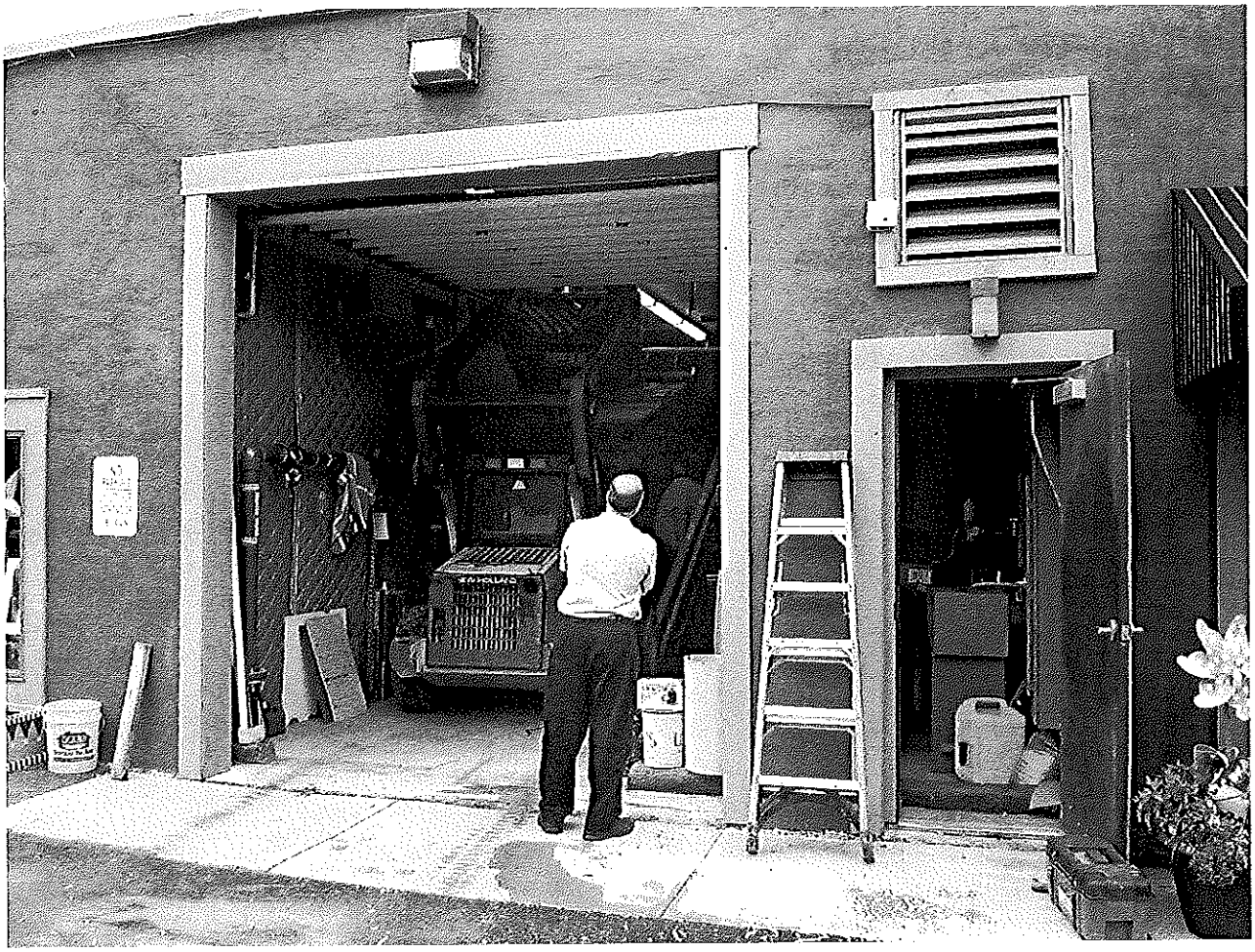
DAILY OBSERVATION REPORT

Report No.: 7-29-13---0001* (* Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Monday, 07/29/13

IMG_20130729_133127.JPG

DAILY OBSERVATION REPORT

Report No.: 7-29-13---0001* (* Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Monday, 07/29/13



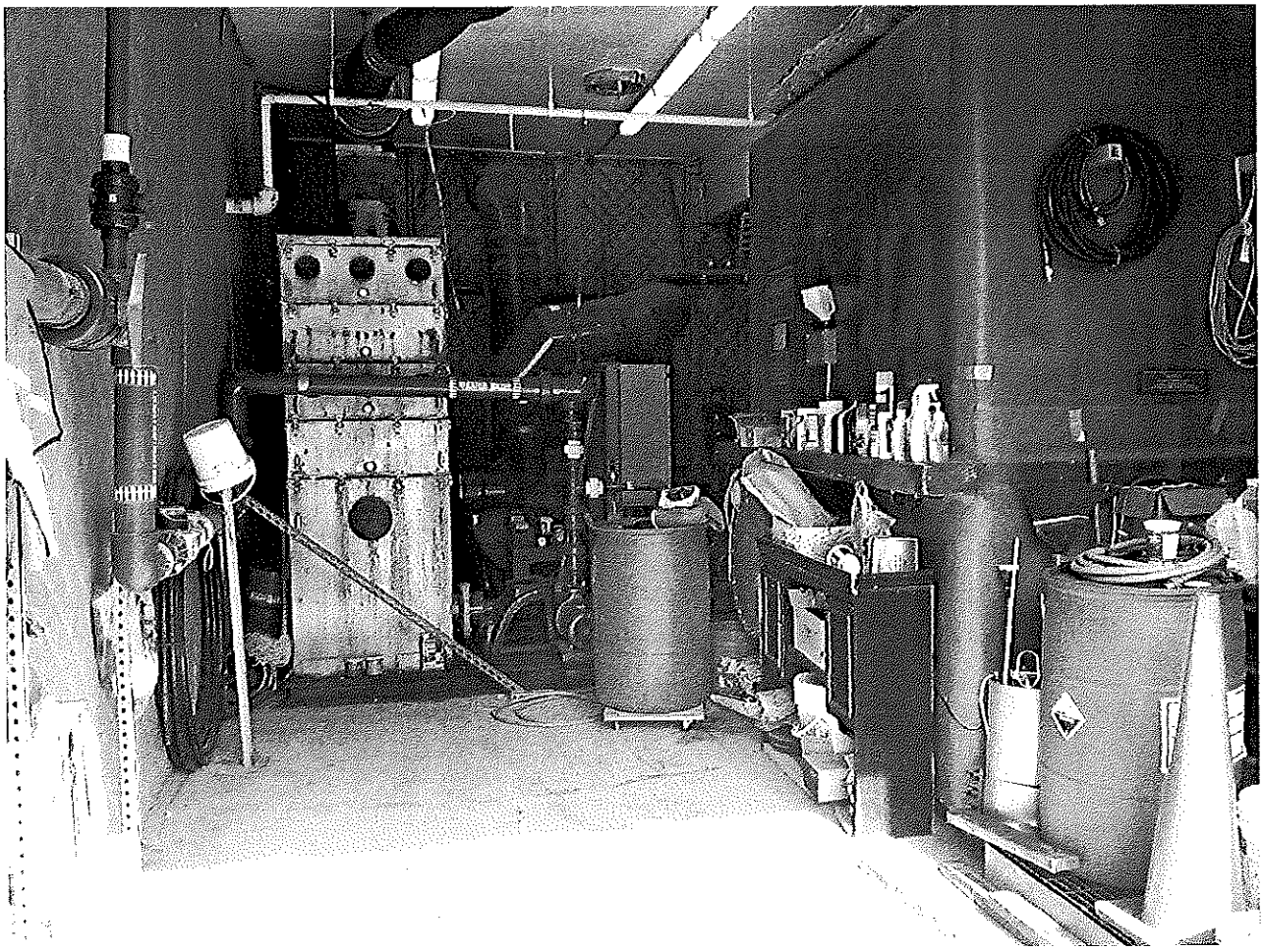
IMG_20130729_160851.JPG

DAILY OBSERVATION REPORT

Report No.: 7-29-13---0001*
(* Date of Work and Daily Observation Report No.)

EEEPC Project File: EN-003229-0001-06TT0

Date: Monday, 07/29/13



IMG_20130729_165359.JPG

DAILY OBSERVATION REPORT

Report No.: 7-30-13---0002* (*Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Tuesday, 07/30/13

Client: NYSDEC **Contract No. D007631**

Division of Environmental Remediation
Construction Management Oversight
NYSDEC Site # 9-15-157

Temperature: (F) 61 (am) 69 (pm)

Wind Direction: __(am)__(pm)

Weather: (am) Cloudy
(pm) Partly Cloudy

Re: Air-stripper Teardown and Cleaning

Site: Mr. C's Dry Cleaners Site

Address: 586 Main Street, East Aurora, Erie County, New York 14052

Arrive at site: 8:00 (am)

Leave site: 1:00 (pm)

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? (If yes, list the deviation under items for concern) Yes ( ) No (X)

Are monitoring results at acceptable levels?
Notes:

-- Soils:	Yes ( ) n/a (X)	* No ( )
-- Waters:	Yes ( ) n/a (X)	* No ( )
-- Air (CAMP):	Yes ( ) n/a (X)	* No ( )

**If No, provide comments*

OTHER ITEMS:

Site Drawing(s) Attached: Yes ( ) No (X)

Photos Taken: Attached: Yes (X) No ( )

Samples Taken For Analysis Today: **Number of Samples**

N/A

DAILY OBSERVATION REPORT

Report No.: 7-30-13---0002* (*Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Tuesday, 07/30/13

DESCRIPTION OF DAILY WORK PERFORMED:

- 0800 hrs - Arrived at the site.
- 0840 hrs - R. Allen (Iyer Environmental) arrived at the site. R. Allen washed off the buildings adjacent to the Mr. C's treatment building and the asphalt parking lot using a pressure washer.
- 1300 hrs - R. Allen completed various tasks in the Mr. C's treatment building. Cleaned filter casings, replaced filters and completed other maintenance tasks. R. Allen left the site.

CONTRACTOR/SUBCONTRACTOR PERSONNEL ON SITE:

Name	Company Representing	Reason Onsite	Hours on-site
R. Allen	Iyer Environmental	OM&M Work	4

DAILY OBSERVATION REPORT

Report No.: 7-30-13---0002* (*Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Tuesday, 07/30/13

EQUIPMENT ON SITE:

Equipment	Hrs	Equipment	Hrs	Equipment	Hrs	Equipment	Hrs
Pressure Washer	4						

1 – Active Equipment 2 – Inactive Equipment

VISITORS TO SITE:

- None

PROJECT SCHEDULE ITEMS / ISSUES:

- None

PROJECT BUDGET ISSUES:

- None

OFF-SITE WASTE TRANSPORTATION/DISPOSAL PRODUCTION:

Waste Stream	Method of Transport	Estimated Volume	Disposal Facilities		
N/A					
N/A					

ITEMS OF CONCERN:

- None

DAILY OBSERVATION REPORT

Report No.: 7-30-13---0002* (*Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Tuesday, 07/30/13

COMMENTS:

- None

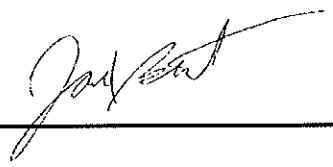
ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, drawings)

- Photo log is included at the end of the DOR.

Jared Best, EEEPC , *Site Representative*

ON-SITE REPRESENTATIVE / CONSTRUCTION INSPECTOR:

Name: (*signature*)



Date: 7/30/13

xc: W. Welling – NYSDEC
M. Steffan – E & E Buffalo
T. Heins – E & E Buffalo

DAILY OBSERVATION REPORT

Report No.: 7-30-13---0002* (*Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Tuesday, 07/30/13

DAILY PHOTOLOG

Date	Photo ID	Description
7/30/13	IMG_20130730_090803.JPG	R. Allen using pressure washer to clean building
7/30/13	IMG_20130730_091205.JPG	R. Allen using pressure washer to clean building
7/30/13	IMG_20130730_092216.JPG	R. Allen using pressure washer to clean parking lot
7/30/13	IMG_20130730_103259.JPG	Cleaned parking lot outside the Mr. C's treatment building

DAILY OBSERVATION REPORT

Report No.: 7-30-13---0002* (*Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Tuesday, 07/30/13

IMG_20130730_090803.JPG

DAILY OBSERVATION REPORT

Report No.: 7-30-13---0002* (*Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Tuesday, 07/30/13

IMG_20130730_091205.JPG

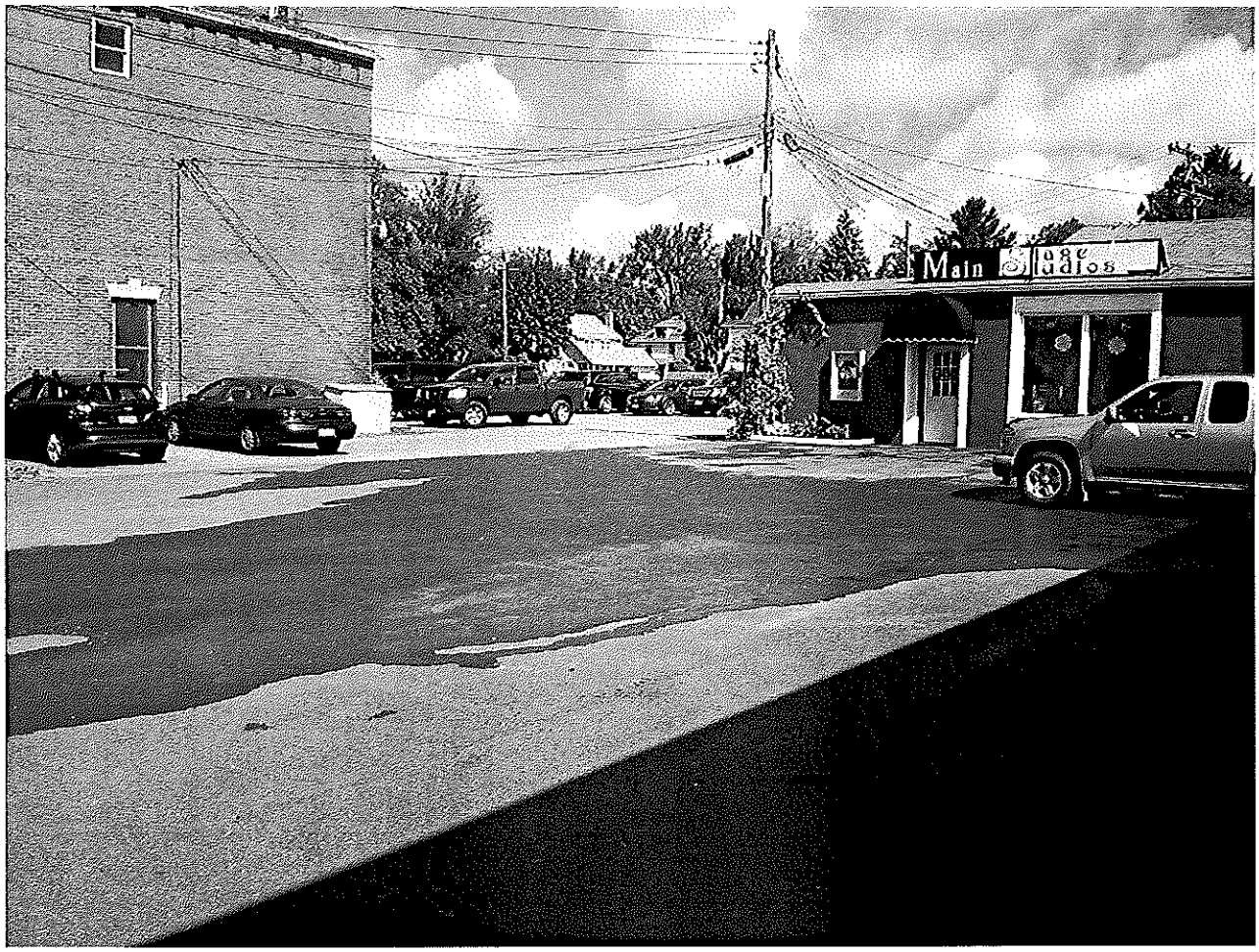
DAILY OBSERVATION REPORT

Report No.: 7-30-13---0002* (*Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Tuesday, 07/30/13

IMG_20130730_092216.JPG

DAILY OBSERVATION REPORT

Report No.: 7-30-13---0002* (*Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Tuesday, 07/30/13



IMG_20130730_103259.JPG

DAILY OBSERVATION REPORT

Report No.: 7-31-13---0003* (*Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Wednesday, 07/31/13

Client: NYSDEC **Contract No. D007631**

Division of Environmental Remediation
Construction Management Oversight
NYSDEC Site # 9-15-157

Re: **Air-stripper Teardown and Cleaning**

Site: Mr. C's Dry Cleaners Site

Address: 586 Main Street, East Aurora, Erie County, New York 14052

Temperature: (F) 57 (am) __(pm)

Wind Direction: __(am)__(pm)

Weather: (am) Partly Cloudy
(pm)

Arrive at site: 7:30 (am)

Leave site: 10:00 (am)

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? (If yes, list the deviation under items for concern) — Yes ( ) No (X)

Are monitoring results at acceptable levels? **Notes:**

-- Soils:	Yes ( ) n/a (X)	* No ( )
-- Waters:	Yes ( ) n/a (X)	* No ( )
-- Air (CAMP):	Yes ( ) n/a (X)	* No ( )

**If No, provide comments*

OTHER ITEMS:

Site Drawing(s) Attached: Yes ( ) No (X)

Photos Taken: Attached: Yes (X) No ( )

Samples Taken For Analysis Today: **Number of Samples**

N/A

DAILY OBSERVATION REPORT

Report No.: 7-31-13---0003* (*Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Wednesday, 07/31/13

DESCRIPTION OF DAILY WORK PERFORMED:

- 0730 hrs - Arrived at the site. R. Allen (Iyer Environmental) was cleaning out the Mr. C's treatment building.
- 0830 hrs - Phil (Acome Construction) arrived at the site.
- 0900 hrs - Pipe section labeled "Treated Water" on the West side of the air stripper tower was cut and lowered. Meter in the Mr. C's treatment building read 15247.
- 1000 hrs – R. Allen and Phil left the site.

CONTRACTOR/SUBCONTRACTOR PERSONNEL ON SITE:

Name	Company Representing	Reason Onsite	Hours on-site
R. Allen	Iyer Environmental	OM&M Work	3
Phil	Acome Construction	OM&M Work	1.5

DAILY OBSERVATION REPORT

Report No.: 7-31-13---0003* (*Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Wednesday, 07/31/13

EQUIPMENT ON SITE:

Equipment	Hrs	Equipment	Hrs	Equipment	Hrs	Equipment	Hrs

1 – Active Equipment 2 – Inactive Equipment

VISITORS TO SITE:

- None

PROJECT SCHEDULE ITEMS / ISSUES:

- None

PROJECT BUDGET ISSUES:

- None

OFF-SITE WASTE TRANSPORTATION/DISPOSAL PRODUCTION:

Waste Stream	Method of Transport	Estimated Volume	Disposal Facilities		
N/A					
N/A					

ITEMS OF CONCERN:

- None

DAILY OBSERVATION REPORT

Report No.: 7-31-13---0003* (*Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Wednesday, 07/31/13

COMMENTS:

- R. Allen and Phil discussed alterations to PW-4 in the near future which included cutting out the existing well casing and surrounding asphalt and pouring concrete around a new well casing.

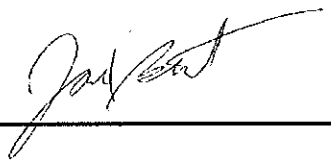
ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, drawings)

- Photo log is included at the end of the DOR.

Jared Best, EEEPC , *Site Representative*

ON-SITE REPRESENTATIVE / CONSTRUCTION INSPECTOR:

Name: (*signature*)



Date: 7/31/13

xc: W. Welling – NYSDEC
M. Steffan – E & E Buffalo
T. Heins – E & E Buffalo

DAILY OBSERVATION REPORT

Report No.: 7-31-13---0003* (*Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Wednesday, 07/31/13

DAILY PHOTOLOG

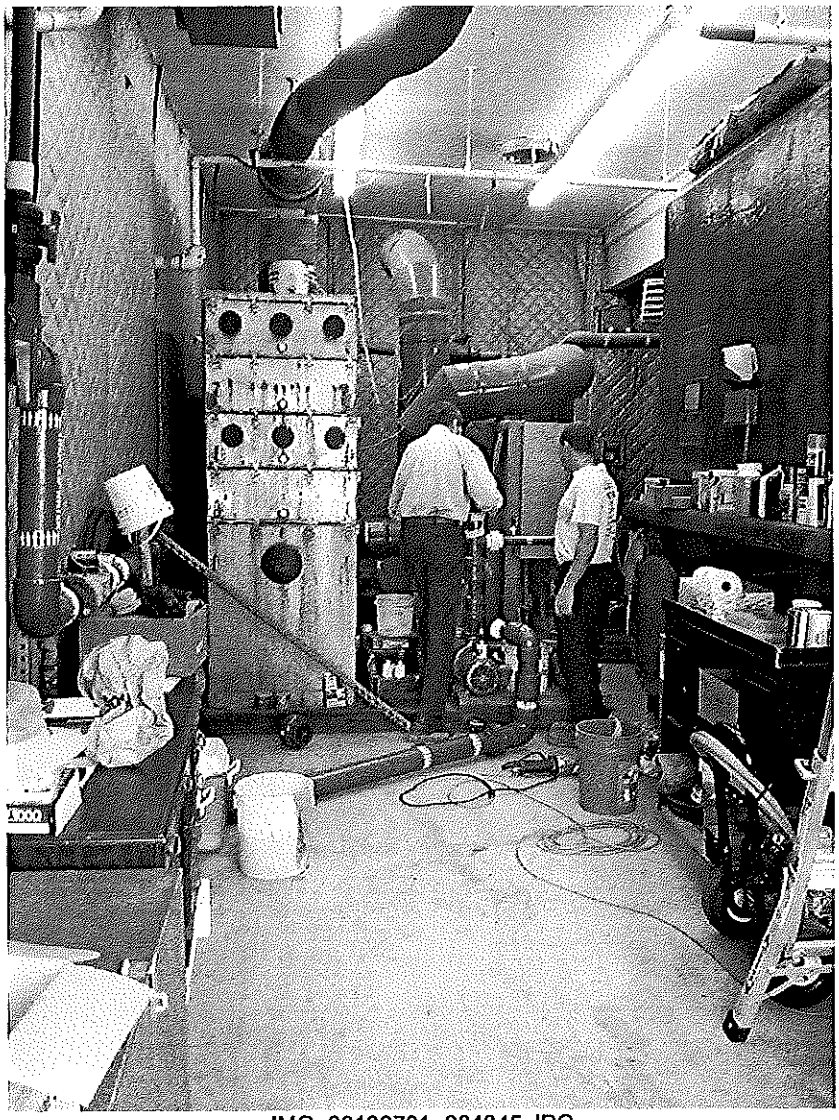
Date	Photo ID	Description
7/31/13	IMG_20130731_084845.JPG	Work on pipe section labeled "Treated Water" on the West of the air stripper tower
7/31/13	IMG_20130731_090616.JPG	Completed work on pipe labeled "Treated Water" on the West of the air stripper tower
7/31/13	IMG_20130731_092636.JPG	PW-4 - looking down (see comments)

DAILY OBSERVATION REPORT

Report No.: 7-31-13---0003*
(*Date of Work and Daily Observation Report No.)

EEEPC Project File: EN-003229-0001-06TT0

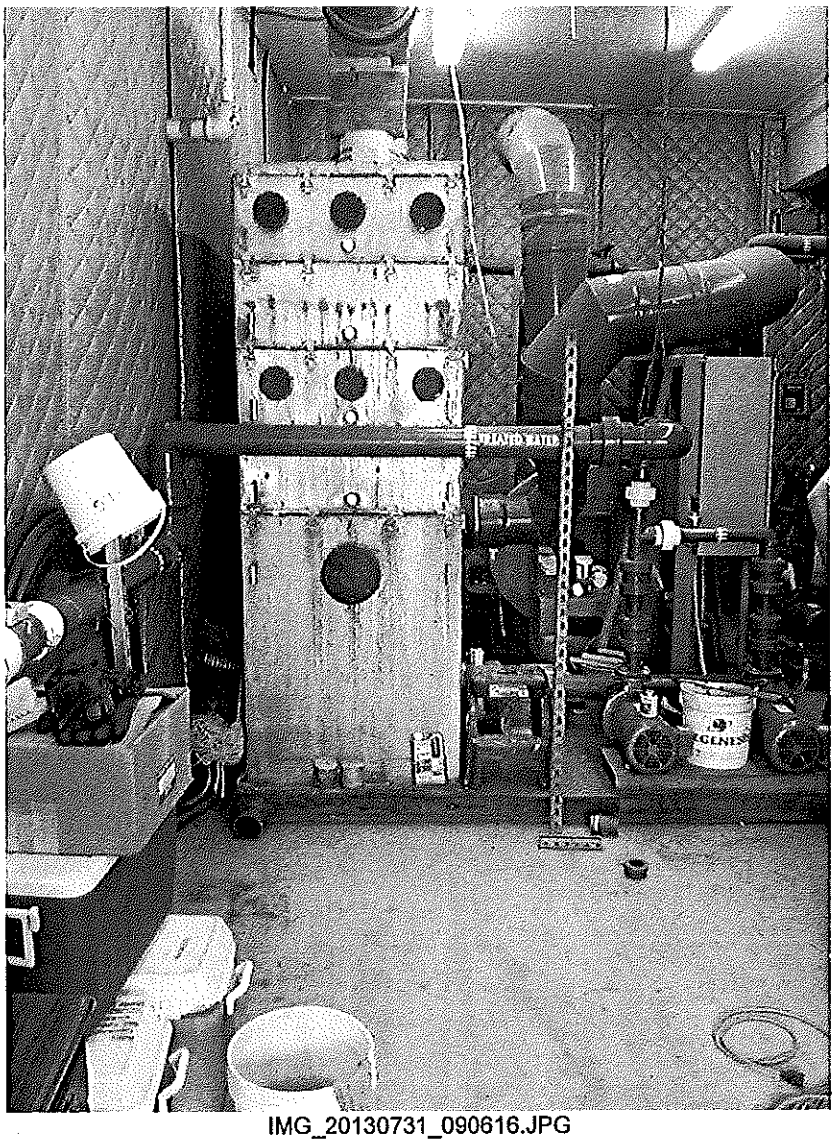
Date: Wednesday, 07/31/13



IMG_20130731_084845.JPG

DAILY OBSERVATION REPORT

Report No.: 7-31-13---0003* (*Date of Work and Daily Observation Report No.) **EEEPC Project File:** EN-003229-0001-06TT0 **Date:** Wednesday, 07/31/13



IMG_20130731_090616.JPG