



ecology and environment engineering, p.c.

BUFFALO CORPORATE CENTER
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January 8, 2010

Mr. William Welling PE, 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
December 2009 Operations, Maintenance, and Monitoring Report

Dear Mr. Welling:

Ecology and Environment Engineering, P.C. (EEEPC) is pleased to provide the December, 2009 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. (MTK) on December 31, 2009 are provided as Attachment B. The full analytical report 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 December 2009, 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, 11/30, 12/8, 12/15, 12/22, 1/1/10 and 1/5/10.
- Based on the weekly inspection results performed by IEG, the remedial treatment system had a 100% operational up-time (Table 1) for December 2009 and the treatment of contaminated groundwater totaling of 861,376 gallons (Table 2).
- The analytical samples for the monthly compliance were taken on December 9, 2009. The sampling results were received by EEEPC on December 31, 2009. Excerpts from the Analytical Data package for the December 9, 2009 sampling event are presented in Attachment B.
- The air stripper unit on Mr. C's property is in compliance and MTK 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 December 2009 is presented in Table 3.

Mr. William Welling PE, Project Manager

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- A review of the analytical data revealed the influent concentration to be 1194.6 ug/L or 1194.6 ppb, and 0.67 ug/L or 0.67 ppb of treated effluent. The summary of influent and effluent contaminant concentrations for December 2009 is presented in Table 4. Overall cleanup efficiency for the reporting period 11/30/09 to 1/5/10 was 99.94%.
- The Mr. C's treatment system based on the total monthly flows has effectively removed 8.58 lbs of targeted contaminants from the groundwater below the site in the month of December 2009. The calculations and data for the month and entire year of 2009 are presented in Table 5.

The air stripper unit on Mr. C's property continues to be in compliance and provide analytical data to sub-ppb accuracy, supporting the accurate determination of effluent contaminant levels. Based on analytical results for the December 9, 2009 sampling event, the Mr. C's treatment system continues to effectively remove targeted contaminants from the groundwater below the site in accordance with the SPDES Equivalency permit.

Agway Site Remedial Information

- Road reconstruction of Main Street has been completed in front of the Agway property. Equipment and construction materials have been removed from the site.

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

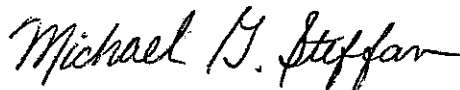
- No current operational issues.

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 December 2009 and year to date are provided as Attachment C.

If you have questions regarding the December 2009 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-
(Up-time from inception to 1/6/09)	53,376.50	95.61%
January 6, 2009 - February 2, 2009	672	100.00%
February 2, 2009 - March 5, 2009	600	80.65%
March 5, 2009 - April 2, 2009	672	100.00%
April 2, 2009 - May 4, 2009	768	100.00%
May 4, 2009 - June 2, 2009	696	100.00%
June 2, 2009 - July 7, 2009	840	100.00%
July 7, 2009- August 5, 2009	696	100.00%
August 5, 2009 - September 2, 2009	672	100.00%
September 2, 2009 - October 5, 2009	792	100.00%
October 5, 2009 - November 3, 2009	696	100.00%
November 3, 2009- November 30, 2009	648	100.00%
November 30, 2009 - January 5, 2010	864	100.00%
Total Hours from System Startup '2/02'	61,992.50	
Average Operational Up-time from startup =		95.99%
Average Operational Up-time for 2009 =		98.36%

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
Total - Inception to December 2008	9/5/02 - 1/6/09	98,903,150
January 2009 ³	1/6/09 - 2/2/09	1,179,389
February 2009 ³	2/2/09 - 3/5/09	1,076,674
March 2009 ³	3/5/09 - 4/2/09	1,240,757
April 2009 ³	4/2/09 - 5/4/09	1,182,657
May 2009 ³	5/4/09 - 6/2/09	891,641
June 2009 ³	6/2/09 - 7/7/09	599,957
July 2009 ³	7/7/09 - 8/5/09	503,759
August 2009 ³	8/5/09 - 9/2/09	594,592
September 2009 ³	9/2/09 - 10/5/09	664,557
October 2009 ³	10/5/09 - 11/3/09	684,816
November 2009 ³	11/3/09-11/30/09	625,832
December 2009 ³	11/30/09-1/5/10	861,376
Total Gallons Treated in 2009		10,106,007
Total Gallons Treated To Date:		109,009,157

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	Units	December 9, 2009 Effluent Analytical Values - Compliance
Flow	23,927.11	gpd	7.30
pH	6.0 - 9.0	standard units	ND(<1.0)
1,1 Dichloroethene	10	µg/L	ND(<1.0)
1,2 Dichloroethane	10	µg/L	ND(<1.0)
cis-1,2-dichloroethene	10	µg/L	ND(<1.0)
Trichloroethene	10	µg/L	ND(<1.0)
Tetrachloroethene	10	µg/L	ND(<1.0)
Vinyl Chloride	10	µg/L	ND(<1.0)
Benzene	5	µg/L	ND(<1.0)
Ethylbenzene	5	µg/L	ND(<1.0)
Methylene Chloride	10	µg/L	ND(<1.0)
1,1,1 Trichloroethane	10	µg/L	ND(<1.0)
Toluene	5	µg/L	ND(<1.0)
Methyl-t-Butyl Ether (MTBE)	NA	ug/L	ND (<1.0)
o-Xylene ³	5	µg/L	NA
m, p-Xylene ³	10	µg/L	NA
Total Xylenes	NA	µg/L	ND (<1.0)
Iron, total	600	µg/L	NA ⁹
Aluminum	4,000	µg/L	NA ⁹
Copper	45	µg/L	NA ⁹
Lead	11	µg/L	NA ⁹
Manganese	2,000	µg/L	NA ⁹
Silver	100	µg/L	NA ⁹
Vanadium	28	µg/L	NA ⁹
Zinc	250	µg/L	NA ⁹
Total Dissolved Solids	850	mg/L	NA ⁹
Total Suspended Solids	20	mg/L	NA ⁹
Hardness	N/A	mg/l	500
Cyanide, Free	10	µg/l	NA ⁹

NOTES:

- "Daily Maximum" excerpted from Attachment E of Addendum 1 to the Construction Contract Documents dated October 2000.
- Analytical report did not differentiate between o-Xylene and m, p-Xylene. Total Xylene value reported is given in each line.
- Shaded cells indicate that analytical value exceeds the "Daily Maximum"
- "ND" indicates that the compound was not detected and lists the practical quantitation limit in parentheses.
- "NA" indicates that analyses were not performed and data is unavailable.
- Average flows based on effluent readings taken November 30, 2009 through January 5, 2010. Total gallons: 861,376 divided by 36 operating days (864 actual operating hours).
- "T" indicates an estimated value below the detection limit.
- "B" indicates analyte found in the associated blank.
- Removed from the required analysis list by NYSDEC Region 9 in February 2005.

Table 4
Mr. C's Dry Cleaners Site Remediation
NYSDEC Site #9-15-157
December 2009 VOC Analytical Summary

Compound	Based on the 12/09/09 Effluent Sampling Results		
	Influent Concentration* (ug/L)	Effluent Concentration* (ug/L)	Cleanup Efficiency (%)
Acetone	ND (<50.0)	U	NA
Benzene	ND (<10.0)	U	NA
2-Butanone	ND (<50.0)	U	NA
cis-1, 2-Dichloroethene	27.0	ND (<1.0)	100%
Methylene chloride	ND (<10.0)	U	NA
Methyl tert-butyl ether (MTBE)	9.5	J	100%
Tetrachloroethene	1100.0	U	100%
Toluene	ND (<10.0)	U	NA
Trichloroethene	52.0	ND (<1.0)	100%
Carbon Disulfide	6.1	BJ	89.02%
1,1,2 Trichloro-1,2,2-trifluoroethane	ND (<10.0)	U	NA
Cyclohexane	ND (<10.0)	U	NA
trans-1,2-dichloroethene	ND (<10.0)	U	NA
Methylcyclohexane	ND (<10.0)	U	NA
Methyl acetate	ND (<10.0)	U	NA
Total Xylenes	ND (<10.0)	U	NA
December 9, 2009 TOTALs (in ug/L) = 1194.6			0.67
			99.94%

Notes:

1. "NA" = Not applicable
2. "ND" or "U" = Compound analyzed, but was not detected. Detection limit in parentheses
3. "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" = Compounds identified in analysis required secondary dilution factoring.
6. "B" indicates analyte found in the associated blank.

* (<50) - Detection Limit

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 2008 =				1340.43
January 2009	1/6/09-2/2/09	950	11.40	9.24
February 2009	2/2/09-3/5/09	1594	0.80	14.32
March 2009	3/5/09-4/2/09	1046	0.00	10.82
April 2009	4/2/10-5/4/09	ND (<10.0)	ND (<1.0)	8.59
May 2009	5/4/09 - 6/2/09	957	0.00	7.12
June 2009	6/2/09 - 7/7/09	732	53.00	3.40
July 2009	7/7/09 - 8/5/09	752	0.00	3.16
August 2009	8/5/09 - 9/2/08	1294	0.92	6.41
September 2009	9/2/09 - 10/5/09	1713	0.00	9.50
October 2009	10/5/09 - 11/3/09	1184	0.00	6.77
November 2009	11/3/09 - 11/30/09	1333	1.40	6.96
December 2009	11/30/09 - 1/5/2010	1195	0.67	8.58
Total pounds of VOCs removed from inception to December 2009 =				1,435.30
Total pounds of VOCs removed in 2009 =				94.87

NOTES:

- Calculations are based on monthly water samples and assumes samples are representative of the entire reporting period.
- Calculations assume that non-detect values = 0 µg/L.
- Total VOCs summations include estimated "J" values.
- Calculations are based on effluent totalizer readings.
- "Influent VOCs" and "Effluent VOCs" values given above is the summation of values for individual compounds given in monthly analytical reports.
- No samples were collected in September 2003. August 2003 values are used.
- Treatment system operated by Tyree Organization, Ltd. from 9/02 to 9/03.
- Treatment system operated by O&M Enterprises from 10/03 to 7/07.
- 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
December 2009

Including:

11/30/09

12/8/09

12/15/09

12/22/09

1/1/10

1/5/10

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

DATE: 30-Nov-09 ACTIVITIES: Site Inspection

INSPECTION PERSONNEL: R. Allen OTHER PERSONNEL: _____

WEATHER CONDITIONS: Cloudy, cool OUTSIDE TEMPERATURE (° F): 40

ARE WELL PUMPS OPERATING IN AUTO: YES: _____ NO: If "NO", provide explanation below
PW-5 is OFF due to maintenance problem.

PROVIDE WATER LEVEL READINGS ON CONTROL PANEL

RW-1	ON: _____	OFF: <input checked="" type="checkbox"/>	<u>6</u> ft	PW-5	ON: <input checked="" type="checkbox"/>	OFF: _____	<u>10</u> ft
PW-2	ON: <input checked="" type="checkbox"/>	OFF: _____	<u>6</u> ft	PW-6	ON: _____	OFF: <input checked="" type="checkbox"/>	<u>4</u> ft
PW-3	ON: _____	OFF: <input checked="" type="checkbox"/>	<u>6</u> ft	PW-7	ON: _____	OFF: <input checked="" type="checkbox"/>	<u>7</u> ft
PW-4	ON: _____	OFF: <input checked="" type="checkbox"/>	<u>7</u> ft	PW-8	ON: _____	OFF: <input checked="" type="checkbox"/>	<u>5</u> ft

EQUALIZATION TANK: 4 ft Last Alarm D/T/Condition: 10/29/09 Air Stripper High Level

NOTES: PW-5 reads ON at the PanelView despite being switched OFF.

INFLUENT FLOW RATE: 24 gpm INFLUENT TOTALIZER READING: 2,937,614.0 gallons

SEQUESTERING AGENT DRUM LEVEL: 10 inches (x 1.7=) AMOUNT OF AGENT REMAINING: 17 gallons

SEQUESTERING AGENT FEED RATE: 6.0 ml/min METERING PUMP PRESSURE: 3.0 psi

BAG FILTER PRESSURES:	LEFT:	Top	Bottom	RIGHT:	Top	Bottom
		<u>0</u>	<u>0</u> psi		<u>8</u>	<u>0</u> psi

INFLUENT FEED PUMP IN USE: #1 _____ #2 INFLUENT PUMP PRESSURE: 15 psi

AIR STRIPPER BLOWER IN USE: #1 _____ #2 AIR STRIPPER PRESSURE: 26.0 in. H₂O

AIR STRIPPER DIFFERENTIAL PRESSURE: 0.042 in. H₂O DISCHARGE PRESSURE: 1.5 in. H₂O

EFFLUENT PUMP IN USE: #1 #2 _____ EFFLUENT FEED PUMP PRESSURE: 7.0 psi

EFFLUENT FLOW RATE: 88 gpm EFFLUENT TOTALIZER READING: 55,916,149 159190 gallons

ARE BUILDING HEATERS IN USE? YES: NO: _____ INSIDE TEMPERATURE (° F): 64

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

30-Nov-09

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:

PZ-4C is damaged from snowplow. Some MWs and UEs are covered with puddles from recent rain.

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

Remarks: _____

Other Actions: Changed bag filters.

AGWAY

SYSTEM VACUUM: <u>-23</u> In. H ₂ O				AIR PRESSURE: <u>10</u> psi			
SP-1:	<u>6.3</u> scfm	<u>12.0</u> psi		SP-5:	<u>0.0</u> scfm	<u>29.0</u> psi	
SP-2:	<u>0.0</u> scfm	<u>12.0</u> psi		SP-6:	<u>0.0</u> scfm	<u>> 30</u> psi	
SP-3:	<u>1.2</u> scfm	<u>11.5</u> psi		SP-7:	<u>0.0</u> scfm	<u>> 30</u> psi	
SP-4:	<u>0.0</u> scfm	<u>11.5</u> psi		SP-8:	<u>0.0</u> scfm	<u>> 30</u> psi	

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

Remarks: Construction equipment and vehicles parked throughout the site.

Other Actions: Drained 2 gals from SVE vacuum drum.
 Covered (4) of the (6) vents in the Agway Shed.

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

Date: 2-Dec-09

Measurements taken by: R. Allen

RW-1	<u>18.80</u> ft	Comments:	
PZ-1A	<u>11.35</u> ft	Comments:	
PZ-1B	<u>10.61</u> ft	Comments:	
PZ-1C	<u>12.23</u> ft	Comments:	
PZ-1D	<u>12.35</u> ft	Comments:	
PW-2	<u>17.80</u> ft	Comments:	pushed down
PZ-2A	<u>10.91</u> ft	Comments:	pushed down
PZ-2B	<u>11.30</u> ft	Comments:	pushed down
PZ-2C	<u>10.72</u> ft	Comments:	
MW-7	<u>11.22</u> ft	Comments:	Substitute for 2D
PW-3	<u>19.80</u> ft	Comments:	
PZ-3A	<u>11.39</u> ft	Comments:	
PZ-3B	<u>11.46</u> ft	Comments:	
PZ-3C	<u>11.91</u> ft	Comments:	
PZ-3D	<u>11.52</u> ft	Comments:	pushed down
PW-4	<u>20.70</u> ft	Comments:	
PZ-4A	<u>11.51</u> ft	Comments:	
PZ-4B	<u>10.85</u> ft	Comments:	
PZ-4C	<u>-----</u> ft	Comments:	
PZ-4D	<u>10.40</u> ft	Comments:	damaged

PW-5	<u>10.40</u> ft	Comments:	
PZ-5A	<u>10.33</u> ft	Comments:	
PZ-5B	<u>10.70</u> ft	Comments:	
PZ-5C	<u>10.38</u> ft	Comments:	
PZ-5D	<u>11.03</u> ft	Comments:	
PW-6	<u>19.00</u> ft	Comments:	
PZ-6A	<u>11.65</u> ft	Comments:	
PZ-6B	<u>11.47</u> ft	Comments:	
PZ-6C	<u>11.75</u> ft	Comments:	
PZ-6D	<u>11.36</u> ft	Comments:	Shown as RW-2 on map
PW-7	<u>20.00</u> ft	Comments:	
MPI-6S	<u>11.16</u> ft	Comments:	
PZ-7B	<u>11.61</u> ft	Comments:	
OW-B	<u>11.36</u> ft	Comments:	
PZ-7D	<u>11.16</u> ft	Comments:	
PW-8	<u>18.80</u> ft	Comments:	
PZ-8A	<u>8.20</u> ft	Comments:	
PZ-8B	<u>8.14</u> ft	Comments:	
PZ-8C	<u>7.78</u> ft	Comments:	
PZ-8D	<u>8.06</u> ft	Comments:	

PUMPS IN OPERATION DURING MEASUREMENTS

RW-1 pump on? Yes √ No

PW-2 pump on? Yes √ No

PW-3 pump on? Yes √ No

PW-4 pump on? √ Yes No

PW-5 pump on? Yes √ No

PW-6 pump on? Yes √ No

PW-7 pump on? √ Yes No

PW-8 pump on? Yes √ No

Mr. C's CLEANERS OM&M

SUMMARY OF FIELD ACTIVITIES BY IEG - 11/2009

DATE	ACTIVITY
2-Nov	Take delivery of Redux Drums.
3-Nov	OM&M Weekly Inspection and office work. Get supplies.
4-Nov	OM&M office work.
9-Nov	Piezometer Readings. MW Damage Report, PW-5 - inspect and clean transducer.
10-Nov	OM&M Weekly Inspection and office work. Picked up trash around well groups.
16-Nov	OM&M Weekly Inspection and office work.
24-Nov	OM&M Weekly Inspection and office work. Get supplies. Repair Redux line.
30-Nov	OM&M Weekly Inspection. Mobilize utility trailer. Seal Agway Shed vents. Change bag filters.

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

DATE: <u>8-Dec-09</u>		ACTIVITIES: <u>Site Inspection</u>									
INSPECTION PERSONNEL: <u>R. Allen</u>		OTHER PERSONNEL: _____									
WEATHER CONDITIONS: <u>Cloudy, cool</u>		OUTSIDE TEMPERATURE (° F): <u>32</u>									
ARE WELL PUMPS OPERATING IN AUTO: YES: _____ NO: <input checked="" type="checkbox"/> If "NO", provide explanation below											
<u>PW-5 is OFF due to maintenance problems.</u>											
PROVIDE WATER LEVEL READINGS ON CONTROL PANEL											
RW-1	ON: _____	OFF: <input checked="" type="checkbox"/> <u>8</u> ft	PW-5 ON: <input checked="" type="checkbox"/> OFF: _____ <u>10</u> ft								
PW-2	ON: _____	OFF: <input checked="" type="checkbox"/> <u>5</u> ft	PW-6 ON: _____ OFF: <input checked="" type="checkbox"/> <u>6</u> ft								
PW-3	ON: _____	OFF: <input checked="" type="checkbox"/> <u>7</u> ft	PW-7 ON: _____ OFF: <input checked="" type="checkbox"/> <u>6</u> ft								
PW-4	ON: _____	OFF: <input checked="" type="checkbox"/> <u>7</u> ft	PW-8 ON: _____ OFF: <input checked="" type="checkbox"/> <u>7</u> ft								
EQUALIZATION TANK: <u>4</u> ft		Last Alarm D/T/Condition: <u>10/29/09 Air Stripper High Level</u>									
NOTES: <u>PW-5 reads ON despite being turned OFF at Control Panel.</u>											
INFLUENT FLOW RATE: <u>53</u> gpm		INFLUENT TOTALIZER READING: <u>3,232,274.0</u> gallons									
SEQUESTERING AGENT DRUM LEVEL: <u>2</u> inches		(x 1.7=) AMOUNT OF AGENT REMAINING: <u>3</u> gallons									
SEQUESTERING AGENT FEED RATE: <u>6.0</u> ml/min		METERING PUMP PRESSURE: <u>3.0</u> psi									
BAG FILTER PRESSURES:											
LEFT: <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="text-align: center;">Top</td><td style="text-align: center;">Bottom</td></tr><tr><td style="text-align: center;">0</td><td style="text-align: center;">0</td></tr></table> psi		Top	Bottom	0	0	RIGHT: <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="text-align: center;">Top</td><td style="text-align: center;">Bottom</td></tr><tr><td style="text-align: center;">6</td><td style="text-align: center;">0</td></tr></table> psi		Top	Bottom	6	0
Top	Bottom										
0	0										
Top	Bottom										
6	0										
INFLUENT FEED PUMP IN USE: #1 _____ #2 <input checked="" type="checkbox"/>		INFLUENT PUMP PRESSURE: <u>15</u> psi									
AIR STRIPPER BLOWER IN USE: #1 _____ #2 <input checked="" type="checkbox"/>		AIR STRIPPER PRESSURE: <u>28.0</u> in. H ₂ O									
AIR STRIPPER DIFFERENTIAL PRESSURE: <u>0.039</u> in. H ₂ O		DISCHARGE PRESSURE: <u>1.0</u> in. H ₂ O									
EFFLUENT PUMP IN USE: #1 <input checked="" type="checkbox"/> #2 _____		EFFLUENT FEED PUMP PRESSURE: <u>7.5</u> psi									
EFFLUENT FLOW RATE: <u>89</u> gpm		EFFLUENT TOTALIZER READING: <u>56,096,367</u> 343110 gallons									
ARE BUILDING HEATERS IN USE? YES: <input checked="" type="checkbox"/> NO: _____		INSIDE TEMPERATURE (° F): <u>62</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

8-Dec-09

SAMPLES COLLECTED? YES: NO:

	Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Cond.
AIR STRIPPER INFLUENT:	INF	1:30 PM	7.17	9.55	13	2456
AIR STRIPPER EFFLUENT:	EFF	1:30 PM	8.5	7.25	13.1	2347

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:

PZ-4C is damaged from snowplow. Most of the MWs and UEs are covered with puddles or snow.

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

Remarks: Switched Redux pickup to new drum. Have (3) full drums.

Other Actions:

AGWAY

SYSTEM VACUUM: <u>-23</u> in. H ₂ O				AIR PRESSURE: <u>60</u> psi			
SP-1:	<u>8.8</u>	scfm	<u>5.0</u> psi	SP-5:	<u>0.0</u>	scfm	<u>29.0</u> psi
SP-2:	<u>0.0</u>	scfm	<u>7.0</u> psi	SP-6:	<u>0.0</u>	scfm	<u>> 30</u> psi
SP-3:	<u>0.0</u>	scfm	<u>6.5</u> psi	SP-7:	<u>0.0</u>	scfm	<u>> 30</u> psi
SP-4:	<u>0.0</u>	scfm	<u>7.0</u> psi	SP-8:	<u>0.0</u>	scfm	<u>> 30</u> psi

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

Remarks: Construction vehicles parked throughout the site. Construction equipment is not present.

Other Actions: Emptied (7) gals from SVE vacuum drum.

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

DATE: <u>15-Dec-09</u>		ACTIVITIES: <u>Site Inspection</u>	
INSPECTION PERSONNEL: <u>R. Allen</u>		OTHER PERSONNEL: _____	
WEATHER CONDITIONS: <u>Cloudy, cool</u>		OUTSIDE TEMPERATURE (° F): <u>34</u>	
ARE WELL PUMPS OPERATING IN AUTO: YES: _____ NO: <input checked="" type="checkbox"/> If "NO", provide explanation below			
<u>PW-5 is OFF due to maintenance problem.</u>			
PROVIDE WATER LEVEL READINGS ON CONTROL PANEL			
RW-1	ON: <input checked="" type="checkbox"/>	OFF: <u>11</u> ft	PW-5 ON: <input checked="" type="checkbox"/> OFF: <u>10</u> ft
PW-2	ON: _____	OFF: <input checked="" type="checkbox"/> <u>6</u> ft	PW-6 ON: _____ OFF: <input checked="" type="checkbox"/> <u>6</u> ft
PW-3	ON: _____	OFF: <input checked="" type="checkbox"/> <u>5</u> ft	PW-7 ON: _____ OFF: <input checked="" type="checkbox"/> <u>6</u> ft
PW-4	ON: _____	OFF: <input checked="" type="checkbox"/> <u>7</u> ft	PW-8 ON: _____ OFF: <input checked="" type="checkbox"/> <u>7</u> ft
EQUALIZATION TANK: <u>4</u> ft		Last Alarm DTT/Condition: <u>10/29/09 Air Stripper High Level</u>	
NOTES: <u>PW-5 reads ON at the PanelView despite being turned OFF at the switch.</u>			
INFLUENT FLOW RATE: <u>22</u> gpm		INFLUENT TOTALIZER READING: <u>3,492,225.0</u> gallons	
SEQUESTERING AGENT DRUM LEVEL: <u>23</u> inches		(x 1.7=) AMOUNT OF AGENT REMAINING: <u>39</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 Top Bottom	
LEFT: <u>0</u> <u>0</u> psi		RIGHT: <u>6</u> <u>0</u> psi	
INFLUENT FEED PUMP IN USE: #1 _____ #2 <input checked="" type="checkbox"/>		INFLUENT PUMP PRESSURE: <u>15</u> psi	
AIR STRIPPER BLOWER IN USE: #1 _____ #2 <input checked="" type="checkbox"/>		AIR STRIPPER PRESSURE: <u>30.0</u> in. H ₂ O	
AIR STRIPPER DIFFERENTIAL PRESSURE: <u>0.035</u> in. H ₂ O		DISCHARGE PRESSURE: <u>1.0</u> in. H ₂ O	
EFFLUENT PUMP IN USE: #1 <input checked="" type="checkbox"/> #2 _____		EFFLUENT FEED PUMP PRESSURE: <u>9.0</u> psi	
EFFLUENT FLOW RATE: <u>86</u> gpm		EFFLUENT TOTALIZER READING: <u>56,255,955</u> 505120 gallons	
ARE BUILDING HEATERS IN USE? YES: <input checked="" type="checkbox"/> NO: _____		INSIDE TEMPERATURE (° F): <u>63</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

15-Dec-09

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:

PZ-4C is damaged from snowplow. Most of the MWs and UEs are covered with snow or puddles.

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

Remarks: Turned Redux pump down slightly to: Left 2.3; Right 1.3.

Other Actions:

AGWAY

SYSTEM VACUUM: <u>-24</u> in. H ₂ O			AIR PRESSURE: <u>110</u> psi		
SP-1: <u>6.5</u> scfm	<u>5.0</u> psi	SP-5: <u>0.0</u> scfm	<u>29.0</u> psi		
SP-2: <u>0.0</u> scfm	<u>25.5</u> psi	SP-6: <u>0.0</u> scfm	<u>> 30</u> psi		
SP-3: <u>0.0</u> scfm	<u>25.0</u> psi	SP-7: <u>0.0</u> scfm	<u>> 30</u> psi		
SP-4: <u>0.0</u> scfm	<u>26.0</u> psi	SP-8: <u>0.0</u> scfm	<u>> 30</u> psi		

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

Remarks: A few construction vehicles are parked on the site.

Other Actions: Drained (8) gals from SVE vacuum drum.

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

DATE: <u>22-Dec-09</u>		ACTIVITIES: <u>Site Inspection</u>									
INSPECTION PERSONNEL: <u>R. Allen</u>		OTHER PERSONNEL: <u>-----</u>									
WEATHER CONDITIONS: <u>Cloudy, cold</u>		OUTSIDE TEMPERATURE (° F): <u>20</u>									
ARE WELL PUMPS OPERATING IN AUTO: YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/> If "NO", provide explanation below											
PROVIDE WATER LEVEL READINGS ON CONTROL PANEL											
RW-1	ON: <input type="checkbox"/>	OFF: <input checked="" type="checkbox"/> <u>10</u> ft	PW-5 ON: <input type="checkbox"/> OFF: <input checked="" type="checkbox"/> <u>3</u> ft								
PW-2	ON: <input checked="" type="checkbox"/>	OFF: <input type="checkbox"/> <u>6</u> ft	PW-6 ON: <input type="checkbox"/> OFF: <input checked="" type="checkbox"/> <u>6</u> ft								
PW-3	ON: <input type="checkbox"/>	OFF: <input checked="" type="checkbox"/> <u>7</u> ft	PW-7 ON: <input type="checkbox"/> OFF: <input checked="" type="checkbox"/> <u>4</u> ft								
PW-4	ON: <input type="checkbox"/>	OFF: <input checked="" type="checkbox"/> <u>5</u> ft	PW-8 ON: <input checked="" type="checkbox"/> OFF: <input type="checkbox"/> <u>7</u> ft								
EQUALIZATION TANK: <u>4</u> ft		Last Alarm D/T/Condition: <u>10/29/09 Air Stripper High Level</u>									
NOTES: _____											
INFLUENT FLOW RATE: <u>17</u> gpm		INFLUENT TOTALIZER READING: <u>3,783,262.0</u> gallons									
SEQUESTERING AGENT DRUM LEVEL: <u>12</u> inches		(x 1.7=) AMOUNT OF AGENT REMAINING: <u>20</u> gallons									
SEQUESTERING AGENT FEED RATE: <u>8.0</u> ml/min		METERING PUMP PRESSURE: <u>3.0</u> psi									
BAG FILTER PRESSURES:											
LEFT: <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="text-align: center;">Top</td><td style="text-align: center;">Bottom</td></tr><tr><td style="text-align: center;">0</td><td style="text-align: center;">0</td></tr></table> psi		Top	Bottom	0	0	RIGHT: <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="text-align: center;">Top</td><td style="text-align: center;">Bottom</td></tr><tr><td style="text-align: center;">0</td><td style="text-align: center;">0</td></tr></table> psi		Top	Bottom	0	0
Top	Bottom										
0	0										
Top	Bottom										
0	0										
INFLUENT FEED PUMP IN USE: #1 <input type="checkbox"/> #2 <input checked="" type="checkbox"/>		INFLUENT PUMP PRESSURE: <u>14</u> psi									
AIR STRIPPER BLOWER IN USE: #1 <input type="checkbox"/> #2 <input checked="" type="checkbox"/>		AIR STRIPPER PRESSURE: <u>33.0</u> in. H ₂ O									
AIR STRIPPER DIFFERENTIAL PRESSURE: <u>0.034</u> in. H ₂ O		DISCHARGE PRESSURE: <u>1.0</u> in. H ₂ O									
EFFLUENT PUMP IN USE: #1 <input checked="" type="checkbox"/> #2 <input type="checkbox"/>		EFFLUENT FEED PUMP PRESSURE: <u>7.0</u> psi									
EFFLUENT FLOW RATE: <u>87</u> gpm		EFFLUENT TOTALIZER READING: <u>56,433,904</u> 685080 gallons									
ARE BUILDING HEATERS IN USE? YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/>		INSIDE TEMPERATURE (° F): <u>59</u>									
IS SUMP PUMP IN USE: YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/>		ARE ANY LEAKS PRESENT? YES: <input type="checkbox"/> NO: <input checked="" type="checkbox"/>									
WATER LEVEL IN SUMP: <u>6.5</u> in.		TREATMENT BUILDING CLEAN & ORGANIZED? YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/>									

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

22-Dec-09

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:

PZ-4C is damaged from snowplow. Most MWs and UEs are covered with ice or snow.

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

Remarks: Turned Redux pump down slightly to: Left 2.25; Right 1.2.

Other Actions:

AGWAY

SYSTEM VACUUM: <u> -23 </u> in. H ₂ O				AIR PRESSURE: <u> 95 </u> psi			
SP-1:	<u> 10.0 </u>	scfm	<u> 4.0 </u> psi	SP-5:	<u> 0.0 </u>	scfm	<u> 29.0 </u> psi
SP-2:	<u> 0.0 </u>	scfm	<u> 20.0 </u> psi	SP-6:	<u> 0.0 </u>	scfm	<u> > 30 </u> psi
SP-3:	<u> 0.0 </u>	scfm	<u> 19.0 </u> psi	SP-7:	<u> 0.0 </u>	scfm	<u> > 30 </u> psi
SP-4:	<u> 0.0 </u>	scfm	<u> 19.5 </u> psi	SP-8:	<u> 0.0 </u>	scfm	<u> > 30 </u> psi

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

Remarks: No construction equipment remains on the site. A few construction vehicles are still parked on the site.

Other Actions:

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

DATE: <u>1-Jan-10</u>		ACTIVITIES: <u>Site Inspection</u>	
INSPECTION PERSONNEL: <u>D. Iyer</u>		OTHER PERSONNEL: _____	
WEATHER CONDITIONS: <u>Cloudy, cold</u>		OUTSIDE TEMPERATURE (° F): <u>12</u>	
ARE WELL PUMPS OPERATING IN AUTO: YES: <input checked="" type="checkbox"/> NO: _____ If "NO", provide explanation below			
PROVIDE WATER LEVEL READINGS ON CONTROL PANEL			
RW-1	ON: _____	OFF: <input checked="" type="checkbox"/> <u>6</u> ft	PW-5 ON: <input checked="" type="checkbox"/> OFF: _____ <u>4</u> ft
PW-2	ON: <input checked="" type="checkbox"/>	OFF: _____ <u>7</u> ft	PW-6 ON: _____ OFF: <input checked="" type="checkbox"/> <u>7</u> ft
PW-3	ON: _____	OFF: <input checked="" type="checkbox"/> <u>3</u> ft	PW-7 ON: _____ OFF: <input checked="" type="checkbox"/> <u>6</u> ft
PW-4	ON: _____	OFF: <input checked="" type="checkbox"/> <u>6</u> ft	PW-8 ON: <input checked="" type="checkbox"/> OFF: _____ <u>7</u> ft
EQUALIZATION TANK: <u>4</u> ft		Last Alarm D/T/Condition: <u>10/29/09 Air Stripper High Level</u>	
NOTES: _____			
INFLUENT FLOW RATE: <u>37</u> gpm		INFLUENT TOTALIZER READING: <u>4,223,857.0</u> gallons	
SEQUESTERING AGENT DRUM LEVEL: <u>0.5</u> inches		(x 1.7=) AMOUNT OF AGENT REMAINING: <u>1</u> gallons	
SEQUESTERING AGENT FEED RATE: <u>6.0</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>7.5</u> <u>0</u> psi
INFLUENT FEED PUMP IN USE: #1 _____ #2 <input checked="" type="checkbox"/>		INFLUENT PUMP PRESSURE: <u>14</u> psi	
AIR STRIPPER BLOWER IN USE: #1 _____ #2 <input checked="" type="checkbox"/>		AIR STRIPPER PRESSURE: <u>35.0</u> in. H ₂ O	
AIR STRIPPER DIFFERENTIAL PRESSURE: <u>0.03</u> in. H ₂ O		DISCHARGE PRESSURE: <u>1.0</u> in. H ₂ O	
EFFLUENT PUMP IN USE: #1 <input checked="" type="checkbox"/> #2 _____		EFFLUENT FEED PUMP PRESSURE: <u>7.0</u> psi	
EFFLUENT FLOW RATE: <u>90</u> gpm		EFFLUENT TOTALIZER READING: <u>56,705,445</u> gallons	
ARE BUILDING HEATERS IN USE? YES: <input checked="" type="checkbox"/> NO: _____		INSIDE TEMPERATURE (° F): <u>64</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

1-Jan-10

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:

PZ-4C is damaged from snowplow. Most MWs and UEs are covered with snow or ice.

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

Remarks: Set Jesco pump to: Left 2.5; Right 1.5.

Other Actions: Change Redux pickup to new drum. Have (2) full drums.

AGWAY

SYSTEM VACUUM: <u> -23 </u> in. H ₂ O				AIR PRESSURE: <u> 100 </u> psi			
SP-1:	<u> 8.0 </u>	scfm	<u> 4.0 </u> psi	SP-5:	<u> 0.0 </u>	scfm	<u> 29.0 </u> psi
SP-2:	<u> 0.0 </u>	scfm	<u> 24.0 </u> psi	SP-6:	<u> 0.0 </u>	scfm	<u> > 30 </u> psi
SP-3:	<u> 0.0 </u>	scfm	<u> 23.0 </u> psi	SP-7:	<u> 0.0 </u>	scfm	<u> > 30 </u> psi
SP-4:	<u> 0.0 </u>	scfm	<u> 23.0 </u> psi	SP-8:	<u> 0.0 </u>	scfm	<u> > 30 </u> psi

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

Remarks: Site has been emptied of construction vehicles and equipment.

Other Actions:

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

DATE: <u>5-Jan-10</u>		ACTIVITIES: <u>Site Inspection</u>	
INSPECTION PERSONNEL: <u>R. Allen</u>		OTHER PERSONNEL: _____	
WEATHER CONDITIONS: <u>Cloudy, cold</u>		OUTSIDE TEMPERATURE (° F): <u>20</u>	
ARE WELL PUMPS OPERATING IN AUTO: YES: <input checked="" type="checkbox"/> NO: _____ If "NO", provide explanation below			
PROVIDE WATER LEVEL READINGS ON CONTROL PANEL			
RW-1	ON: _____	OFF: <input checked="" type="checkbox"/> <u>5</u> ft	PW-5 ON: <input checked="" type="checkbox"/> OFF: _____ <u>4</u> ft
PW-2	ON: _____	OFF: <input checked="" type="checkbox"/> <u>7</u> ft	PW-6 ON: _____ OFF: <input checked="" type="checkbox"/> <u>7</u> ft
PW-3	ON: _____	OFF: <input checked="" type="checkbox"/> <u>6</u> ft	PW-7 ON: _____ OFF: <input checked="" type="checkbox"/> <u>6</u> ft
PW-4	ON: _____	OFF: <input checked="" type="checkbox"/> <u>6</u> ft	PW-8 ON: _____ OFF: <input checked="" type="checkbox"/> <u>6</u> ft
EQUALIZATION TANK: <u>4</u> ft		Last Alarm D/T/Condition: <u>10/29/09 Air Stripper High Level</u>	
NOTES: _____			
INFLUENT FLOW RATE: <u>18</u> gpm		INFLUENT TOTALIZER READING: <u>4,340,704.0</u> gallons	
SEQUESTERING AGENT DRUM LEVEL: <u>28</u> inches		(x 1.7=) AMOUNT OF AGENT REMAINING: <u>47.6</u> gallons	
SEQUESTERING AGENT FEED RATE: <u>6.0</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>6.5</u> <u>0</u> psi
INFLUENT FEED PUMP IN USE: #1 _____ #2 <input checked="" type="checkbox"/>		INFLUENT PUMP PRESSURE: <u>14</u> psi	
AIR STRIPPER BLOWER IN USE: #1 _____ #2 <input checked="" type="checkbox"/>		AIR STRIPPER PRESSURE: <u>36.0</u> in. H ₂ O	
AIR STRIPPER DIFFERENTIAL PRESSURE: <u>0.026</u> in. H ₂ O		DISCHARGE PRESSURE: <u>0.1</u> in. H ₂ O	
EFFLUENT PUMP IN USE: #1 <input checked="" type="checkbox"/> #2 _____		EFFLUENT FEED PUMP PRESSURE: <u>7.5</u> psi	
EFFLUENT FLOW RATE: <u>89</u> gpm		EFFLUENT TOTALIZER READING: <u>56,777,525</u> 32380 gallons	
ARE BUILDING HEATERS IN USE? YES: <input checked="" type="checkbox"/> NO: _____		INSIDE TEMPERATURE (° F): <u>60</u>	
IS SUMP PUMP IN USE: YES: <input checked="" type="checkbox"/> NO: _____		ARE ANY LEAKS PRESENT? YES: <input checked="" type="checkbox"/> NO: _____	
WATER LEVEL IN SUMP: <u>6.0</u> in.		TREATMENT BUILDING CLEAN & ORGANIZED? YES: <input checked="" type="checkbox"/> NO: _____	

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

5-Jan-10

SAMPLES COLLECTED? YES: NO:

	Sample ID	Time of Sampling	pH	Turbidity	Temp.	Sp. Cond.
AIR STRIPPER INFLUENT:	INF	2:00 PM	7.28	6.84	11.3	2627
AIR STRIPPER EFFLUENT:	EFF	2:00 PM	8.56	6.44	11.7	2508

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:

PZ-4C is damaged from snowplow. Recommend filling with gravel and cement. MWs and UEs are covered with ice and snow.

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

Remarks: Emptied (5) gals from Air Stripper exhaust pipe drip bucket.

Other Actions:

AGWAY

SYSTEM VACUUM: <u>-23</u> in. H ₂ O				AIR PRESSURE: <u>120</u> psi					
SP-1:	<u>8.1</u>	scfm	<u>4.0</u>	psi	SP-5:	<u>0.0</u>	scfm	<u>28.0</u>	psi
SP-2:	<u>0.0</u>	scfm	<u>9.5</u>	psi	SP-6:	<u>0.0</u>	scfm	<u>> 30</u>	psi
SP-3:	<u>0.0</u>	scfm	<u>9.0</u>	psi	SP-7:	<u>0.0</u>	scfm	<u>> 30</u>	psi
SP-4:	<u>0.0</u>	scfm	<u>9.5</u>	psi	SP-8:	<u>0.0</u>	scfm	<u>> 30</u>	psi

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

Remarks: Drained (14) gals from SVE vacuum drum.

Other Actions:

Mr. C's CLEANERS OM&M
SUMMARY OF WATER PUMP MAINTENANCE BY IEG

as of Dec 09

ID	CLEAN & INSPECT PUMP	REPLACE PUMP	REPAIR PUMP	PIPE & PITLESS ADAPTER	CLEAN & INSPECT TRANSDUCER	REPLACE TRANSDUCER	REPAIR TRANSDUCER	PUMP OUT WELL	CLEAN OUT & INSPECT ELECTRICAL BOX	ELECTRICAL BOX REPAIR
RW - 1	Jan-08	Feb-08	Nov-08		Jan 08, Nov 08				Jun-08	Jul-08
PW - 2	Jun08, Aug 09	Jul-08			Jun 08, Aug 09	Sep-09		Jul 08, Aug 09	Jun-08	Sep-09
PW - 3	Jun 08, Aug 09	Jul-08		Repair adapter	Jun 08, Aug 09			Jul 08, Aug 09	Jun-08	
PW - 4	Dec 07, May 08, Sep 09	Dec-07			Dec-07	Mar 08, Sep 08	Sep-08	Jul 09, Sep 09	May 08, Sep 08, Sep 09	Mar 08, Sep 09
PW - 5	May-08	Jul-08			Jun 08, Aug 08, Sep 09	Sep-08	Sep-09	Jul-08	May 08, Aug 08	Aug-08
PW - 6	Jun 08, Jul 09	Jun 08, Jul 09		Replace pipe 8/09	Jun 08, Apr 09, Aug 09	Sep-09	Jun-08	Jul 08, Aug 09	Jun 08, Aug 09, Sep 09	Jul 08, Jul 09, Sep 09
PW - 7	Jun 08, Jul 09	Nov 07, Jul 09		Replace pipe 8/09	Jun 08, Aug 09		Jun-08	Jul 08, Aug 09	Jun-08	Jun-08
PW - 8	Jun 08, Aug 09	Jul 08, Sep 09		Replace pipe 8/09	Jun 08, Aug 09			Jul 08, Aug 09	May-08	May-08

Mr. C's CLEANERS OM&M

SUMMARY OF WATER PUMP STATUS - 2009

as of Dec 09

ID	CLEANED & INSPECTED PUMP	NEEDS NEW PUMP	PIPE & PITLESS ADAPTER	NEEDS WELL CLEAN-OUT	CLEANED & INSPECTED TRANSDUCER	NEEDS NEW TRANSDUCER	CLEANED & INSPECTED U.E.	NEEDS ANEROID BELLOWS	U.E. CLOGGED	NEEDS REPAIR
RW - 1	NO	NO		YES	NO	NO		YES	NO	YES - bolts
PW - 2	YES	NO		DONE 8/09	YES 7/09	DONE 9/09		DONE 9/09	NO	YES - bolts
PW - 3	YES	NO	REPAIRED 8/09	DONE 8/09	NO	NO		YES	NO	NO
PW - 4	YES 9/09	NO		DONE 9/09	YES 9/09	DONE	YES 9/09	DONE 9/09	DONE	YES - Asphalt patch
PW - 5	NO	NO		YES	YES 7/09, Problem 11/09	problems 1/09 and 11/09		DONE	NO	NO
PW - 6	YES	DONE 8/09	Replaced pipe 8/09	DONE 8/09	YES 7/09	YES	YES 9/09	DONE 9/09	NO	DONE
PW - 7	YES	DONE 8/09	Replaced pipe 8/09	DONE 8/09	YES 7/09	NO		DONE	NO	NO
PW - 8	YES	DONE 9/09	Replaced pipe 8/09	DONE 8/09	YES 7/09	NO		YES	NO	NO

Mr. C's CLEANERS OM&M

SUMMARY OF FIELD ACTIVITIES BY IEG - 12/2009

DATE	ACTIVITY
2-Dec	Piezometer Readings. Take (4) empty drums to Harbison Bros, Inc.
4-Dec	OM&M and UM end of month office work.
8-Dec	OM&M Weekly Inspection and office work.
15-Dec	OM&M Weekly Inspection and office work.
22-Dec	OM&M Weekly Inspection and office work.

Mr. C's CLEANERS OM&M STATUS OF OM&M ACTIVITIES BY IEG

as of 12/31/09

ACTIVITY	DESCRIPTION	COMPLETION DATE/STATUS
Repair PW-5	Pump will not turn OFF. Inspected/cleaned transducer. Raised level of transducer one foot.	Sep-09
Repair PW-4	Reads a constant water level 8 on PanelView. Clean and inspect pump. Purge well and flush flexible pipe. Shorten transducer wire and replace aneroid bellows.	Sep-09
Repair PW-8	Pump does not work. Replace flexible pipe and well pump.	Sep-09
Repair Redux Pump	Jesco America Corp (JAC) pump is leaking. Inspect and clean pump. Replace broken and old plastic hose clamps with metal ones. Tighten plastic fittings.	Sep-09
Clean Air Stripper	Cleaned Air Stripper trays. Assembled Industrial brushes and power sprayer to clean trays through access ports. This cleaning method has proven cost effective by reducing the frequency of tear downs.	Sep-09
Repair PZ-2B	The MW ring and concrete cap have been pushed down by heavy equipment until the metal top cover is in contact with the riser cap. Adjust piezometer parts.	Oct-09
Repair Effluent Pipe Vacuum Release	Effluent Vent Vacuum Release leaks. Replaced with new vent valve and cut vent pipe shorter to reduce motion when pump turns ON.	Oct-09
Measure Backflow in Treatment Room	Get Aaron Bender Plumbing to measure backflow in Treatment Room.	Oct-09
Do MW Damage Report	E & E, Inc has requested a damage report for all the MWs that are in the Monthly Piezometer Water Level Log. Inspect the MWs.	Nov-09
Repair Redux Line	The "T" fitting that joins the pickup line and measuring guage line to the Jesco pump has corroded apart. Replace "T" fitting and hose clamps.	Nov-09
Replace SVE Vacuum Drum	Present Vacuum Drum inside Agway Shed is corroded. Replace drum.	To be ordered
AS / SVE System Evaluation	Agway Shed - test and evaluate air sparge system and Soil Vapor Extraction system. Installed fittings to measure pressure and flow. Tested air sparging and SVE lines.	in progress
Service Compressor	Champion Machinery reveals the compressor is a 1992 model. Compressor pump should be serviced which includes a valve kit. The belts should also be adjusted.	in progress
Level PW-4 Well and Box	Asphalt around PW-4 and its Underground Enclosure has sunk, leaving these structures vulnerable to damage. Bring parking lot up to level with asphalt patch.	in progress
Install MW Ring	Piezimeter in Agway Site parking lot was damaged by the road repair crew. To instal new Monitoring Well Ring around damaged Piezometer for protection.	in progress
Rebuild Automatic Tank Drain Valve (ATDV)	Factory recommends rebuilding the ATDV on a compressor of this age. Order rebuild kit and repair. Have purchased rebuild kit.	in progress
Rebuild JAC Pump as needed	Jesco America Corp recommends rebuilding the Redux pump when needed. Purchased rebuild kit.	in progress
RW-1 Replace Motor Starter	RW-1 motor starter developed problem and had to be rewired. Should get a spare motor starter in anticipation of further problems.	in progress
Repair PZ-4C	PZ-4C was damaged by a Town of Aurora snowplow. Top of inner ring and top cover were broken. Talked to Town and they placed a temporary cover inside the well to reduce the pedestrian tripping hazard. Ring and top cover should be replaced. If well is not to be used - cover with concrete cap.	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
Repair PW-5	PW-5 well pump will not shut off when low water level is reached. Inspect, purge well, clean pump, plastic pipe and transducer. Trouble shoot problem.	in progress

Attachment B
Analytical Report from
Mitkem Laboratories

Analytical Data Package Work Order ID: H2508
Sampled: December 9, 2009

Analytical Data Package for Ecology & Environment Engineering, P.C. (EEEPC)

Client Project No.: Mr. C's Dry Cleaners Site (Compliance)

Mitkem Work Order ID: H2508

December 31, 2009

Prepared For: Ecology & Environment Engineering P.C.
368 Pleasantview Drive
Lancaster, NY 14086
Attn: Mr. Michael Steffan

Prepared By: Mitkem Laboratories
175 Metro Center Boulevard
Warwick, RI 02886
(401) 732-3400



A DIVISION OF SPECTRUM ANALYTICAL, INC. FEATURING HANDBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

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

Page 1 of 1

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

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

Project No.: _____
Site Name: Mr C's O&M
Location: East Aurora State: NY
Sampler(s): R. Allen

Project Mgr.: Mike Steffan

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:

QA/QC Reporting Level
 Level I Level II
 Level III Level IV
 Other GAT A
State specific reporting standards:

Containers: _____

Analyses: _____

of VOA Vials _____

of Amber Glass _____

of Clear Glass _____

of Plastic _____

Notes: _____

Matrix

Type

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:
H250f	INFLUENT	12/2/09	2:00 P
	INFLUENT		2:00 P
	INFLUENT		2:00 P
	EFFLUENT		2:30 P
	EFFLUENT		2:30 P
	EFFLUENT		2:30 P

PH
Hardness
VOC

65005

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

Relinquished by: Richard C Allen Jr

Received by: Richard C Allen Jr

Date: 12/9/09 Time: 12:20

Condition upon receipt: Field Ambient Lab QC



* Volatiles *

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

INFLUENT

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: H2508 Mod. Ref No.: _____ SDG No.: SH2508
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: H2508-01A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L4480.D
 Level: (TRACE/LOW/MED) LOW Date Received: 12/09/2009
 % Moisture: not dec. Date Analyzed: 12/14/2009
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 10.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	50	U
67-64-1	Acetone	6.1	BJ
75-15-0	Carbon disulfide	10	U
75-09-2	Methylene chloride	10	U
156-60-5	trans-1,2-Dichloroethene	9.5	J
1634-04-4	Methyl tert-butyl ether	10	U
75-34-3	1,1-Dichloroethane	50	U
78-93-3	2-Butanone	27	
156-59-2	cis-1,2-Dichloroethene	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
107-06-2	1,2-Dichloroethane	10	U
71-43-2	Benzene	52	
79-01-6	Trichloroethene	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	50	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	1100	
127-18-4	Tetrachloroethene	50	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U

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

CLIENT SAMPLE NO.

INFLUENT

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: H2508 Mod. Ref No.: _____ SDG No.: SH2508
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: H2508-01A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L4480.D
 Level: (TRACE/LOW/MED) LOW Date Received: 12/09/2009
 % Moisture: not dec. Date Analyzed: 12/14/2009
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 10.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/L	
100-42-5	Styrene		10	U
75-25-2	Bromoform		10	U
98-82-8	Isopropylbenzene		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
541-73-1	1,3-Dichlorobenzene		10	U
106-46-7	1,4-Dichlorobenzene		10	U
95-50-1	1,2-Dichlorobenzene		10	U
96-12-8	1,2-Dibromo-3-chloropropane		10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		10	U
110-82-7	Cyclohexane		10	U
79-20-9	Methyl acetate		10	U
108-87-2	Methylcyclohexane		10	U

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
EFFLUENT

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: H2508 Mod. Ref No.: _____ SDG No.: SH2508
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: H2508-02A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L4481.D
 Level: (TRACE/LOW/MED) LOW Date Received: 12/09/2009
 % Moisture: not dec. Date Analyzed: 12/14/2009
 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		0.67	BJ
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: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: H2508 Mod. Ref No.: _____ SDG No.: SH2508
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: H2508-02A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V2L4481.D
 Level: (TRACE/LOW/MED) LOW Date Received: 12/09/2009
 % Moisture: not dec. Date Analyzed: 12/14/2009
 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



* Wet Chemistry *

Mitkem Laboratories

Date: 28-Dec-09

Client: Ecology and Environment Engineering P.C.
Client Sample ID: INFLUENT
Lab ID: H2508-01

Project: Mr. C's Dry Cleaning
Collection Date: 12/08/09 14:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SM 2340 -- HARDNESS by Calculation							SM2340_W
Hardness, Ca/Mg (As CaCO3)	490		4.0	mg/L CaCO3		112/23/2009 11:25	48194
SM 4500 pH -- pH VALUE							SM4500_H+
pH	7.0		1.0	S.U.		112/09/2009 15:30	R44295

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

Mitkem Laboratories

Date: 28-Dec-09

Client: Ecology and Environment Engineering P.C.
Client Sample ID: EFFLUENT
Lab ID: H2508-02

Project: Mr. C's Dry Cleaning
Collection Date: 12/08/09 14:30

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SM 2340 -- HARDNESS by Calculation							SM2340_W
Hardness, Ca/Mg (As CaCO3)	500		4.0	mg/L CaCO3		112/23/2009 11:28	48194
SM 4500 pH -- pH VALUE							SM4500_H+
pH	7.3		1.0	S.U.		112/09/2009 15:35	R44295

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

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

Attachment C

**Summary of Site Utility Costs and Projections
January to December 2009**

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

NYSDEC Work Assignment #DC13.02.01.01

12 Months of System Operation and Maintenance

December 2009 Report

Utility Provider	Account #	E&E Cost Center	Description	Jan-2009	Feb-2009	Mar-2009	Apr-2009	May-2009	Jun-2009	Electric:	Telephone:	Gas	Total:
New York State E&G	106-311-11-002616-26	002700.DC13.02.01	Mr. C's Electric Costs	\$740.05	\$ 634.16	\$ 815.68	\$ 852.65	\$ 801.67	\$ 885.89				
New York State E&G	176-311-11-015900-18		Agway Site - Electric		\$ 665.80			\$379.43	\$511.97				
National Fuel Gas	5819628-05	002700.DC13.02.01	Mr. C's Natural Gas Costs	\$160.91	\$ 134.62								
			Totals	\$ 900.96	\$ 1,434.58	\$ 815.68	\$ 852.65	\$ 1,181.10	\$ 1,397.86				
			Mr. C's Electric Costs	Jul-2009	Aug-2009	Sep-2009	Oct-2009	Nov-2009	Dec-2009				
			Agway Electric	\$906.13	\$ 854.11	\$ 823.52	\$ 942.00	\$ 901.94					
			Mr. C's Natural Gas Costs	\$489.42			\$473.39						
			Totals	\$1,395.55	\$ 854.11	\$ 823.52	\$ 1,415.39	\$ 1,064.86	\$ -				
			Electric		\$11,677.81								
			Natural Gas		\$ 458.45								
			Grand Total - NYSE&G/National Fuel Gas Costs To Date	\$ 12,136.26									

Overbilled natural gas costs - no charges \$ 333.44 in red -adjusted billing

Utility Provider	Phone #	E&E Cost Center	Location Description	Jan-2009	Feb-2009	Mar-2009	Apr-2009	May-2009	Jun-2009	Ave./Month
Verizon	716-652-0094	002700.DC13.02.01	Mr. C's Telephone Costs	\$ 29.86	\$ 28.89	\$ 28.95	\$ 28.95	\$ 29.01	\$ 29.32	
			Totals	\$ 29.01	\$ 28.84	\$ 40.87	\$ 30.43			\$ 30.41
			Grand Total - Verizon Costs to Date	\$ 304.13						
			Grand Total All Utilities To Date	\$ 12,440.39						

ATTACHMENT C

Mr. C's Dry Cleaners Site - Remedial Treatment Utility Cost		Budget Remaining:		Electric:	\$14,122.19	ATTACHMENT C
NYSDEC Work Assignment #DC13				Telephone:	\$235.87	
12 Months of System Operation and Maintenance				Gas	\$261.55	
December 2009 Report				Total:	\$14,619.61	
January-09	672	672	100.00%			
February-09	744	600	80.65%			
March-09	672	672	100.00%	Effluent Corrective Action - Air Stripper Cleanup		
April-09	768	768	100.00%			
May-09	696	696	100.00%			
June-09	840	840	100.00%	Dry month - Full operations		
July-09	696	696	100.00%	Two pumps under repair.		
August-09	672	672	100.00%	Repairs on two level transducers.		
September-09	792	792	100.00%	Extremely dry month		
October-09	648	648	100.00%	Wetter month		
November-09	864	864	100.00%			
December-09	864	864	100.00%	No snow cover until 12/23/09. Rain.		
Totals to Date	8760	8616	98.36%			
* Percent Capacity is based on initial operating groundwater flows from the eight installed pumps from 9/02. Evaluated on total gallons discharged for monthly operating time. Maximum pump discharges calculated as an average of 78 gpm as the total for all 8 pumps at the site if all pumps operate 100%. With the exception of groundwater pump RW-1, all others run on a batch basis.						
Monthly Average Costs						
Mr. C's Electric	\$	82.52				
Agway Electric	\$	210.00				
Mr. C's Gas	\$	41.68				
Mr. C's Telephone	\$	30.41				
Ave. Utility Cost Total	\$	364.61	12 month Estimate			
						Total Gallons 861376