



ecology and environment engineering, p.c.

BUFFALO CORPORATE CENTER
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February 10, 2006

Mr. David Chiusano, Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Construction Services
625 Broadway, 12th Floor
Albany, New York 12233 - 7010

Re: Mr. C's Dry Cleaners Site, Contract # D003493-27.5, Site # 9-15-157
January 2006 Operations, Maintenance, and Monitoring Report

Dear Mr. Chiusano:

Ecology and Environment Engineering, P.C. (EEEEPC) is pleased to provide this January 2006 Operation, 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 from EEEEEPC's subcontractor O&M Enterprises, Inc. (OMEI) are provided as Attachment A. Selected pages from the individual analytical data packages prepared by Severn - Trent Laboratories (STL) is provided as Attachment B. All analytical results for the report were analyzed at the lowest detection limits in accordance with the standard method. Remedial treatment system utility costs are provided as Attachment C.

In review of the on-site treatment system operations, monitoring and maintenance for January 2006, EEEEEPC offers the following comments and highlights:

Operational Summary

- The treatment system was operational for 100% of the period between 1/3/06 and 2/6/06. Table 1 is provided to indicate the monthly operational time of the treatment equipment from the time of system startup.
- The effluent totalizer readings for the month of January 2006 indicate that approximately 1,401,821 gallons of groundwater were processed through the treatment system from 1/3/06 and 2/6/06. Table 2 provides a summary of groundwater volume treated since system start-up. Historical volumes are based on totalizer readings provided by the O&M subcontractor's weekly inspection forms.
- Filters in the influent bag filter unit were replaced during weekly inspection on 1/3/06, 1/16/06, 1/23/06, and 1/6/06.
- The bottom stripper trays were pressure washed on 1/16/06 and 1/30/06 to reduce further buildup on the trays and occlusion on the holes in the trays.

Mr. Dave Chiusano, Project Manager

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- Analytical results taken on January 3, 2006, indicated that the cleaning on the air stripping performed earlier in the month returned the PCE compliance levels back to under the compliance levels of 10 ug/L. Analytical results were 4.8 ug/L. (Analytical results provided in January Report as Attachment B)
- After the noncompliance issues in December the Treatment system is again in compliance and operational in January 2006.
- Checklists for weekly system inspections from OMEI are provided as Attachment A for 1/3/06, 1/9/06, 1/16/06, 1/23/06, 1/30/06, and 2/6/06. Weekly system checks indicated that the air stripper differential pressure was between 20 and 22 inches of water during the month of January 2006.
- The feed rate for the sequestering agent was adjusted to 5.0 ml/min to allow for additional removal of mineral deposits on the stripping trays. This short term adjustment in feed rate will be evaluated during the following month.
- The Agway/Matrix system remains in operation since start up occurred in April 2005. OMEI continues to review the system operations on a weekly basis. The air sparge system continues to be functional except four out of the eight injection points cannot inject air to the lower injection zones. Pressure is still provided throughout the distribution system and to the individual heads, but air cannot be injected due to blockage below grade. No repairs are anticipated at the present time.
- The month of January report for the Agway site is as follows: The vacuum pressure on the air sparge / vapor extraction treatment system maintained 11-13 inches of water vacuum and ranged between 100 to 120 pounds per square inch of air pressure. 4 out of the 8 sparge points were injecting an average of 3.0 standard CFM of air to the remaining operational sparge points. The system remains operational pending further NYSDEC review.
- A temporary repair at a broken monitoring well in front of Mr. C's was made on November 28, 2005. The well was cut even with the top of the sidewalk and capped to prevent injury to passersby. Due to cold temperatures final repairs are not expected until April 2006.
- The February compliance sampling is planned to take place on February 6, 2006 with results in 14 days from receipt of samples.
- A copy of the site utility costs from EEEPC operations from December 2004 to January 2006 are provided as Attachment C.

Analytical Summary – Groundwater

- EEEPC and OMEI personnel collected samples of influent and effluent groundwater for the reporting period 1/3/06 to 2/6/06 on January 3, 2006 as part of the normal weekly O&M services. The analytical results for the January 3, 2006 sampling event are presented in Table 3.

Mr. Dave Chiusano, Project Manager

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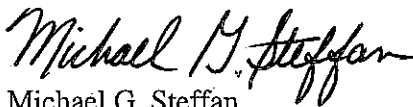
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- The January 2006 monthly analytical results indicate that the treated groundwater effluent remains below the site specific Effluent Discharge Limitation Requirements for all compounds except PCE (15 ug/L).
- Approximately 13.62 pounds of VOCs were removed from the influent groundwater based on calculations using the effluent discharge analytical results during the reporting period. A summary of the calculated pounds of VOC's by month and by date are located in Table 5. These values are calculated based on effluent totalizer readings and assumes that non-detect values given in the analytical data package = 0 ug/L and that the monthly samples are indicative of the influent characteristics and system performance for the entire reporting period.

If you have any questions regarding the January 2006 O&M report summary submitted, please call me a 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

R. Becken, O&M Enterprises w/ attachments

D. Miller, E&E-Buffalo w/ attachments

CTF- 000699.NY06.05

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

Month	Reporting Hours	Operational Up-time
September 2002	576	100%
October 2002	744	99.33%
November 2002	720	93.41%
December 2002	744	80.65%
January 2003	744	59.15%
February 2003	672	63.39%
March 2003	744	82.39%
April 2003	720	100%
May 2003	744	100%
June 2003	720	90.00%
July 2003	744	100%
August 2003	744	100%
September 1-4, 2003	96	100%
October 22 -29, 2003	168	100%
October 29 - November 25, 2003	648	99%
November 25 - December 29, 2003	816	100%
December 29, 2003 – January 26, 2004	672	100%
January 26 – February 24, 2004	696	100%
February 24 – March 29, 2004	816	99.97%
March 29 – April 26, 2004	672	99.70%
April 26 – May 24, 2004	696	73.70%
May 24 – June 21, 2004	696	99.43%
June 22 – July 26, 2004	840	100%
July 27 – August 23, 2004	672	100%
August 23 - September 27, 2004	840	97.62%
September 27 - October 25, 2004	672	90.33%
October 25 - November 23, 2004	696	92.17%
November 23 - December 27, 2004	816	97.06%
December 27, 2004 - January 31, 2005	840	100%
January 31, 2005 - February 28, 2005	660	98.20%
February 28, 2005 - April 4, 2005	828	98.60%
April 4, 2005 - May 2, 2005	696	87.50%
May 2, 2005 - June 6, 2005	840	91.43%
June 6, 2005 - July 6, 2005	744	86.60%
July 6, 2005 - August 1, 2005	605.5	97.00%
August 1, 2005 - August 29, 2005	696	100.00%
August 29, 2005 - October 3, 2005	864	100.00%
October 3, 2005 - October 31, 2005	672	100.00%
October 31, 2005 - November 28, 2005	672	98.06%
November 28, 2005 - January 3, 2006	854	98.84%
January 3, 2006 - February 6, 2006	816	100.00%
Average Operational Up-time =		94.48%

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 - present.

Table 2
Mr. C's Dry Cleaners Site Remediation
Site #9-15-157
Monthly Process Water Volumes

Month	Actual Period	Gallons
September 2002 ¹	9/5/02 - 10/2/02	4,362,477
October 2002 ¹	10/2/02 - 11/4/02	4,290,429
November 2002 ¹	11/4/02 - 12/2/02	3,326,126
December 2002 ¹	12/2/02 - 1/7/03	3,349,029
January 2003 ¹	1/7/03 - 2/3/03	1,973,144
February 2003 ¹	2/3/03 - 3/10/03	2,158,771
March 2003 ¹	3/10/03 - 4/7/03	3,263,897
April 2003 ¹	4/7/03 - 5/2/03	2,574,928
May 2003 ¹	5/2/03 - 6/2/03	1,652,538
June 2003 ¹	6/2/03 - 6/30/03	2,002,990
July 2003 ¹	6/30/03 - 7/29/03	2,543,978
August 2003 ¹	7/29/03 - 8/25/03	2,042,424
September 2003 ¹	8/25/03 - 10/22/03	370,446
October 2003 ²	10/22/03 - 10/29/03	67,424
November 2003 ²	10/29/03 - 11/25/03	224,278
December 2003 ²	11/25/03 - 12/29/03	1,496,271
January 2004 ²	12/29/03 - 01/26/04	688,034
February 2004 ²	01/26/04 - 02/24/04	736,288
March 2004 ²	02/24/04 - 03/29/04	2,164,569
April 2004 ²	03/29/04 - 04/26/04	1,741,730
May 2004 ²	4/26/2004 - 5/24/2004	1,408,095
June 2004 ²	5/24/2004 - 6/21/2004	972,132
July 2004 ²	6/22/2004 - 7/26/2004	1,858,790
August 2004 ²	7/27/04 - 8/23/04	1,289,960
September 2004 ²	8/23/04 - 9/27/04	1,201,913
October 2004 ²	9/27/04 - 10/25/04	937,560
November 2004 ²	10/25/04 - 11/23/04	1,098,158
December 2004 ²	11/23/04 - 12/27/04	1,556,063
January 2005 ²	12/27/04 - 1/31/05	1,798,238
February 2005 ²	1/31/05 - 2/28/05	1,271,562
March 2005 ²	2/28/05 - 4/4/05	1,295,692
April 2005 ²	4/4/05 - 5/2/05	1,652,510
May 2005 ²	5/2/05 - 6/6/05	1,423,099
June 2005 ²	6/6/05 - 7/6/05	877,988
July 2005 ²	7/6/05 - 8/1/05	1,283,302
August 2005 ²	8/1/05 - 8/29/05	1,443,195
September 2005 ²	8/29/05 - 10/3/05	1,591,248
October 2005 ²	10/3/05 - 10/31/05	1,204,074
November 2005 ²	10/31/05 - 11/28/05	1,038,170
December 2005 ²	11/28/05 - 1/3/06	1,182,854
January 2006 ²	11/28/05 - 1/3/06	1,401,821
Total		68,816,195

NOTES:

1. System operated by Tyree Organization Ltd. From 9/02 - 9/03
2. System operated by O&M Enterprises from 10/03 - present

Table 4
Mr. C's Dry Cleaners Site Remediation
Site #9-15-157
Effluent Discharge Criterin & Analytical Compliance Results

Parameter/Analyte	Daily Maximum ¹	Units	January 3, 2006 Effluent Analytical Values - Compliance
Flow	216,000	gpd	41230 gpd ⁶
pH	6.0 - 9.0	standard units	8.22
1,1 Dichloroethene	10	µg/L	ND (<1.0)
1,2 Dichloroethane	10	µg/L	ND (<1.0)
Trichloroethene	10	µg/L	ND (<1.0)
Tetrachloroethene	10	µg/L	4.8
Vinyl Chloride	10	µg/L	ND (<1.0)
Benzene	5	µg/L	0.51 J
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	1.8
Methyl-t-Butyl Ether (MTBE)	NA	µg/L	0.56 J
o-Xylene ³	5	µg/L	NA
m, p-Xylene ³	10	µg/L	NA
Total Xylenes	NA	µg/L	1.6 J
Iron, total	600	µg/L	NA
Aluminum	4,000	µg/L	NA
Copper	48	µg/L	NA
Lead	11	µg/L	NA
Manganese	2,000	µg/L	NA
Silver	100	µg/L	NA
Vanadium	28	µg/L	NA
Zinc	230	µg/L	NA
Total Dissolved Solids	850	mg/L	NA
Total Suspended Solids	20	mg/L	NA
Hardness	N/A	mg/l	422
Cyanide, Free	10	µg/L	NA

NOTES:

1. "Daily Maximum" excerpted from Attachment E of Addendum 1 to the Construction Contract Documents.
2. Analytical report did not differentiate between o-Xylene and m, p-Xylene. Total Xylene value reported is given in each line.
3. Shaded cells indicate that analytical value exceeds the "Daily Maximum"
4. "ND" indicates that the compound was not detected and lists the practical quantitation limit in parentheses.
5. "NA" indicates that analyses were not performed and data is unavailable.
6. Average flows based on effluent readings taken January 3, 2006 through February 6, 2006. Total gallons: 1,401,821 divided by 34 operating days.
7. "J" indicates an estimated value below the detection limit.
8. "B" indicates analyte found in the associated blank.

15 Indicates non-compliance with the NYSDEC effluent discharge requirements

Table 3
 Mr. C's Dry Cleaners Site Remediation
 NYSDEC Site #9-15-157
 December 2005 VOC Analytical Summary

Compound	December 8, 2005		
	Influent Concentration* (ug/L)	Effluent Concentration* (ug/L)	Cleanup Efficiency (%)
Acetone	ND (<100)	2.6 (<5.0) J	NA
Benzene	ND (<20)	0.51 (<1.0) J	NA
2-Butanone	ND (<100)	ND (<5.0)	NA
cis-1, 2-Dichloroethene	12 (<20)	ND (<1.0)	100%
Methylene chloride	ND (<20)	ND (<1.0)	NA
Methyl tert-butyl ether	13 (<20)	0.56 (<1.0) J	95.70%
Tetrachloroethene	1600	4.8	99.06%
Toluene	ND (<20)	1.8	NA
Trichloroethene	54	ND (<1.0)	100%
Total Xylenes	ND (<60)	1.6 (<3.0) J	NA
November TOTAL (in ug/L) =	1679.0	11.87	99.29%

Notes:

1. "NA" = Not applicable
2. "ND" = Non-detect and lists the 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.

* (<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)	Affluent VOCs (µg/L)	VOCs Removed (lbs.)
September 2002 ⁶	9/5/02 - 10/2/02	1297	1	47.2
October 2002 ⁶	10/2/02 - 11/4/02	2000	1	71.6
November 2002 ⁶	11/4/02 - 12/2/02	1685	0	46.8
December 2002 ⁶	12/2/02 - 1/7/03	1586	9	44.1
January 2003 ⁶	1/7/03 - 2/3/03	1803	10	29.5
February 2003 ⁶	2/3/03 - 3/10/03	1985	3	35.7
March 2003 ⁶	3/10/03 - 4/7/03	1990	5	54.1
April 2003 ⁶	4/7/03 - 5/2/03	1656	3	35.5
May 2003 ⁶	5/2/03 - 6/2/03	1623	7	22.3
June 2003 ⁶	6/2/03 - 6/30/03	5787	6	96.6
July 2003 ⁶	6/30/03 - 7/29/03	1356	1	28.8
August 2003 ⁶	7/29/03 - 8/25/03	1263	3	21.5
September 2003 ⁶	8/25/03 - 10/22/03	1263	3	3.9
October 2003 ⁷	10/22/03 - 10/29/03	1693.69	1.47	1.0
November 2003 ⁷	10/29/03 - 11/25/03	2510.83	4.4	4.7
December 2003 ⁷	11/25/03 - 12/29/03	503.3	10.5	6.2
January 2004 ⁷	12/29/03 - 01/26/04	3667	15.8	21.0
February 2004 ⁷	01/26/04 - 02/24/04	3348.6	26.7	20.4
March 2004 ⁷	02/24/04 - 03/29/04	1939.3	4.96	34.9
April 2004 ⁷	03/29/04 - 04/26/04	2255	0.0	32.8
May 2004 ⁷	4/26/2004 - 5/24/2004	2641	13.3	30.9
June 2004 ⁷	5/24/2004 - 6/21/2004	1454	1.7	22.5
July 2004 ⁷	6/22/2004 - 7/26/2004	1313	3.6	20.3
August 2004 ⁷	7/27/04 - 8/23/04	2305	7.4	24.7
September 2004 ⁷	8/23/04 - 9/27/04	1453	6.7	14.5
October 2004 ⁷	9/27/04 - 10/25/04	1504	14.3	11.7
November 2004 ⁷	10/25/04 - 11/23/04	1480	36.42	13.2
December 2004 ^{7,8}	11/23/04 - 12/27/04	1562	132.21	18.6
January 2005 ⁷	12/27/04 - 1/31/05	1264	47.5	18.3
February 2005 ⁹	1/31/05 - 2/28/05	1538	53.2	15.8
March 2005 ⁹	2/28/05 - 4/4/05	931	56.0	9.5
April 2005 ⁹	4/4/05 - 5/2/05	1269	111.7	15.96
May 2005 ⁹	5/2/05 - 6/6/05	1431	319.0	13.20
June 2005 ⁹	6/6/05 - 7/6/05	1126	12	8.16
July 2005 ⁹	7/6/05 - 8/1/05	1575	5.90	16.80
August 2005 ⁹	8/1/05 - 8/29/05	1359	51.26	15.70
September 2005 ⁹	8/29/05 - 10/3/05	1239	0.47	16.50
October 2005 ⁹	10/3/05 - 10/31/05	1454	0.81	14.60
November 2005 ⁹	10/31/05 - 11/28/05	2266	6.80	11.50
December 2005	11/28/05 - 1/3/06	1166	1.30	11.50
January 2006	1/3/06 - 2/6/06	1679	11.87	13.62
Total pounds of VOCs removed from inception =				982.14

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 "T" 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 present.

CONVERSIONS:

1 pound = 453.5924 grams
 1 gallon = 3.785 liters

Based on the Analytical Results from January 3, 2006:

Pounds of VOCs removed calculated by the following formula:
 $(1679 \text{ µg/L} - 1.3 \text{ µg/L}) * (1 \text{ g}/10^6 \text{ µg}) * (1 \text{ lb}/453.5924 \text{ g}) * 1,401,821 \text{ gallons} * (3.785 \text{ L/gallon}) = 13.62 \text{ lbs}$

where 1,401,821 gallons is the monthly process water volume.

Table 3
Mr. C's Dry Cleaners Site Remediation
NYSDEC Site #9-15-157
December 2005 VOC Analytical Summary

Compound	January 3, 2006		
	Influent Concentration* (ug/L)	Effluent Concentration* (ug/L)	Cleanup Efficiency (%)
Acetone	ND (<100)	2.6 (<5.0)	J NA
Benzene	ND (<20)	0.51 (<1.0)	J NA
2-Butanone	ND (<100)	ND (<5.0)	NA
cis-1, 2-Dichloroethene	12 (<20)	ND (<1.0)	100%
Methylene chloride	ND (<20)	ND (<1.0)	NA
Methyl tert-butyl ether	13 (<20)	0.56 (<1.0)	J 95.70%
Tetrachloroethene	1600	4.8	99.06%
Toluene	ND (<20)	1.8	NA
Trichloroethene	54	ND (<1.0)	100%
Total Xylenes	ND (<60)	1.6 (<3.0)	J NA
January TOTAL (in ug/L) = 1679.0		11.87	99.29%

Notes:

1. "NA" = Not applicable
2. "ND" = Non-detect and lists the 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.

* (<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.)
September 2002 ⁶	9/5/02 - 10/2/02	1297	1	47.2
October 2002 ⁶	10/2/02 - 11/4/02	2000	1	71.6
November 2002 ⁶	11/4/02 - 12/2/02	1685	0	46.8
December 2002 ⁶	12/2/02 - 1/7/03	1586	9	44.1
January 2003 ⁶	1/7/03 - 2/3/03	1803	10	29.5
February 2003 ⁶	2/3/03 - 3/10/03	1985	3	35.7
March 2003 ⁶	3/10/03 - 4/7/03	1990	5	54.1
April 2003 ⁶	4/7/03 - 5/2/03	1656	3	35.5
May 2003 ⁶	5/2/03 - 6/2/03	1623	7	22.3
June 2003 ⁶	6/2/03 - 6/30/03	5787	6	96.6
July 2003 ⁶	6/30/03 - 7/29/03	1356	1	28.8
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October 2004 ⁷	9/27/04 - 10/25/04	1504	14.3	11.7
November 2004 ⁷	10/25/04 - 11/23/04	1480	36.42	13.2
December 2004 ^{7,8}	11/23/04 - 12/27/04	1562	132.21	18.6
January 2005 ⁷	12/27/04 - 1/31/05	1264	47.5	18.3
February 2005 ⁹	1/31/05 - 2/28/05	1538	53.2	15.8
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May 2005 ⁹	5/2/05 - 6/6/05	1431	319.0	13.20
June 2005 ⁹	6/6/05 - 7/6/05	1126	12	8.16
July 2005 ⁹	7/6/05 - 8/1/05	1575	5.90	16.80
August 2005 ⁹	8/1/05 - 8/29/05	1359	51.26	15.70
September 2005 ⁹	8/29/05 - 10/3/05	1239	0.47	16.50
October 2005 ⁹	10/3/05 - 10/31/05	1454	0.81	14.60
November 2005 ⁹	10/31/05 - 11/28/05	2266	6.80	11.50
December 2005	11/28/05 - 1/3/06	1166	1.30	11.50
January 2006	1/3/06 - 2/6/06	1679	11.87	13.62
Total pounds of VOCs removed from inception =				982.14

NOTES:

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

CONVERSIONS:

1 pound = 453.5924 grams
 1 gallon = 3.785 liters

Based on the Analytical Results from January 3, 2006:

Pounds of VOCs removed calculated by the following formula:
 $(1679 \text{ µg/L} - 11.87 \text{ µg/L}) * (1 \text{ g}/10^6 \text{ µg}) * (1 \text{ lb}/453.5924 \text{ g}) * 1,401,821 \text{ gallons} * (3.785 \text{ L/gallon}) \sim 13.62 \text{ lbs}$

where 1,401,821 gallons is the monthly process water volume.

Attachment A
OMEI Weekly Inspection Reports
January 2006

Including:

1/3/06

1/9/06

1/16/06

1/23/06

1/30/06

2/6/06

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form

Date/Time 1/3/2006 9:00

Inspection personnel R C Becken

Other personnel on site _____

Weather Conditions overcast 36 degrees

Are all well pumps operating in auto? (YES) NO
If "NO", provide explanation

Provide water level readings on control panel

RW-1	ON	(OFF)	<u>4</u>	ft
PW-2	ON	(OFF)	<u>7</u>	ft
PW-3	ON	(OFF)	<u>4</u>	ft
PW-4	ON	(OFF)	<u>6</u>	ft
PW-5	(ON)	OFF	<u>4</u>	ft
PW-6	ON	(OFF)	<u>6</u>	ft
PW-7	(ON)	OFF	<u>8</u>	ft
PW-8	(ON)	OFF	<u>6</u>	ft
Equalization tank			<u>4</u>	ft

Influent Flow Rate 23.76 gpm

Influent Totalizer Reading 2801576 gallons

Sequestering agent drum level ~10 in.

Amount of sequestering agent remaining ~15 gallons

Sequestering agent feed rate 5 ml/min.

Sequestering agent metering Pump Pressure 1 psi

Bag filter top pressure 0 5 psi

Bag filter bottom pressure 0 0 psi

Mr. C's Dry Cleaners Site
 NYSDEC Site #9-15-157
 System Inspection Form

Influent feed pump in use #1 (#2)

Influent Pump Pressure _____ 7 psi

Air stripper blower in use (#1) #2

Air stripper differential pressure _____ 1 inches H₂O

Air stripper r Pressure _____ 20 inches H₂O

Effluent feed pump in use #1 (#2)

Effluent feed pump pressure _____ 8 psi

Effluent flow rate _____ 95.4 gpm

Effluent Totalizer reading _____ 19337583 gallons 149370

Are building heaters in use? (YES) NO

Ambient air temperature _____ 51.9 degrees F

Are any leaks present? YES (NO)

Is sump pump in use? YES (NO)

Water level in sump _____ 4

Is treatment building clean and organized? (YES) NO

Samples collected? YES (NO)

	Sample ID	Time of Sampling	pH	Turbidity	Temp.
Air stripper influent					
Air stripper effluent					
GAC influent	_____		NA	NA	
GAC effluent	_____		NA	NA	

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 on the following page.)

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form

Other observations: _____

Agway

vacuum 1 2"

air pressure 120 psi

Bank 1

SP-1 2scfm SP-2 3 scfm SP-3 3 scfm SP-4 0 sc 4 0 scfm

SP-5 0 scfm SP-6 3 scfm SP-7 0scfm SP-8 0 scfm

Drained drop out tank of water

Describe any other system maintenance performed

changed filters

made a temporary repair of a broken monitoring well in front of Mr. C's, cut well even, capped the well, removed broken curb box, filled hole with stone so no one gets hurt stepping into the hole.

Found Rw-1 not operating, checked pump which was OK, level transducer not operating, removed transducer, we have no spare turned pump off.

Found the same problem with PW-4 except the pump was also bad, changed out pump and removed transducer, pump turned off.

I called the transducer manufacturer about repair, they are not repairable, ordered three new transducers, they will be here on the 7th of December or sooner hopefully.

Signature Richard Becker

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form

Date/Time 1/9/2006 9:00

Inspection personnel R C Becken

Other personnel on site _____

Weather Conditions overcast light rain 41 degrees

Are all well pumps operating in auto? (YES) NO
If "NO", provide explanation

Provide water level readings on control panel

RW-1	(ON)	OFF	<u>6</u>	ft
PW-2	ON	(OFF)	<u>6</u>	ft
PW-3	ON	(OFF)	<u>4</u>	ft
PW-4	(ON)	OFF	<u>4</u>	ft
PW-5	(ON)	OFF	<u>5</u>	ft
PW-6	(ON)	OFF	<u>5</u>	ft
PW-7	(ON)	OFF	<u>11</u>	ft
PW-8	ON	(OFF)	<u>6</u>	ft
Equalization tank			<u>4</u>	ft

Influent Flow Rate 60.74 gpm

Influent Totalizer Reading 3215604 gallons

Sequestering agent drum level 36 in.

Amount of sequestering agent remaining 55 gallons

Sequestering agent feed rate 5 ml/min.

Sequestering agent metering Pump Pressure 0 psi

Bag filter top pressure 1 8 psi

Bag filter bottom pressure 0 0 psi

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form

Other observations: _____

Agway _____

vacuum 11" _____

air pressure 120 psi _____

Bank 1 _____

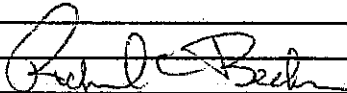
SP-1 0 scfm SP-2 3 scfm SP-3 3 scfm SP-4 0 scfm SP-5 0 scfm

SP-6 3 scfm SP-7 0 scfm SP-8 0 scfm

Describe any other system maintenance performed

The pump in PW-7 was not pumping the well down so it was removed from the well
I found it encased in iron sludge, I replaced the pump with a reconditioned pump of the
same size but when I turned it on it didn't operate so I removed that pump and installed
the last new spare pump on site. PW-7 operating as designed. I would recommend
purchasing several new pumps as spares. The sequestering agent pump had a small leak
at one of the hose clamps, I tightened it and checked all of the rest of the fittings, and
cleaned up the sequestering agent on the floor.
Started new drum of sequestering agent.

Signature



**Mr. C's Dry Cleaners Site
 NYSDEC Site #9-15-157
 Piezometer Water Level Log**

Date 1/9/2006

Measurements taken by RCB

RW-1	<u>22.46</u>	ft	Comments _____
PZ-1A	<u>11.45</u>	ft	Comments _____
PZ-1B	<u>11.12</u>	ft	Comments _____
PZ-1C	<u>12.26</u>	ft	Comments _____
PZ-1D	<u>12.4</u>	ft	Comments _____
PW-2	<u>23.7</u>	ft	Comments _____
PZ-2A	<u>10.84</u>	ft	Comments _____
PZ-2B	<u>11.18</u>	ft	Comments _____
PZ-2C	<u>10.7</u>	ft	Comments _____
PZ-2D	_____	ft	Comments _____
PW-3	<u>20.87</u>	ft	Comments _____
PZ-3A	<u>11.46</u>	ft	Comments _____
PZ-3B	<u>11.5</u>	ft	Comments _____
PZ-3C	<u>11.97</u>	ft	Comments _____
PZ-3D	<u>11.45</u>	ft	Comments _____
PW-4	<u>21.55</u>	ft	Comments _____
PZ-4A	<u>11.61</u>	ft	Comments _____
PZ-4B	<u>10.98</u>	ft	Comments _____
PZ-4C	<u>11.1</u>	ft	Comments _____
PZ-4D	<u>10.49</u>	ft	Comments _____

RW-1 pump on during measurements? (YES) NO
 PW-2 pump on during measurements? (YES) NO
 PW-3 pump on during measurements? (YES) NO
 PW-4 pump on during measurements? (YES) NO

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form

Date/Time 1/16/2006 9:40

Inspection personnel R C Becken

Other personnel on site _____

Weather Conditions clear 15 degrees

Are all well pumps operating in auto? (YES) NO
If "NO", provide explanation

Provide water level readings on control panel

RW-1	(ON)	OFF	<u>4</u>	ft
PW-2	ON	(OFF)	<u>5</u>	ft
PW-3	ON	(OFF)	<u>4</u>	ft
PW-4	ON	(OFF)	<u>5</u>	ft
PW-5	(ON)	OFF	<u>6</u>	ft
PW-6	ON	(OFF)	<u>7</u>	ft
PW-7	(ON)	OFF	<u>6</u>	ft
PW-8	ON	(OFF)	<u>5</u>	ft
Equalization tank			<u>4</u>	ft

Influent Flow Rate 75.38 gpm

Influent Totalizer Reading 3614199 gallons

Sequestering agent drum level 30 in.

Amount of sequestering agent remaining 45 gallons

Sequestering agent feed rate 5 ml/min.

Sequestering agent metering Pump Pressure 1 psi

Bag filter top pressure 1 1 psi

Bag filter bottom pressure 0 0 psi

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form

Other observations: _____

Agway

vacuum 11"

air pressure 120 psi

Bank 1

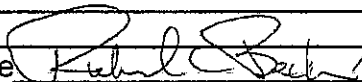
SP-1 0 scfm SP-2 3 scfm SP-3 3 scfm SP-4 0 scfm

SP-5 0 scfm SP-6 4 scfm SP-7 0 scfm SP-8 0 scfm

Describe any other system maintenance performed

Changed filters, Pressure washed bottom tray of stripper.

Signature



Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form

Date/Time 1/23/2006 9:00

Inspection personnel R C Becken

Other personnel on site _____

Weather Conditions sunny 39 degrees

Are all well pumps operating in auto? (YES) NO
If "NO", provide explanation

Provide water level readings on control panel

RW-1	ON	(OFF)	<u>4</u>	ft
PW-2	ON	(OFF)	<u>6</u>	ft
PW-3	(ON)	OFF	<u>3</u>	ft
PW-4	(ON)	OFF	<u>3</u>	ft
PW-5	(ON)	OFF	<u>7</u>	ft
PW-6	ON	(OFF)	<u>5</u>	ft
PW-7	(ON)	OFF	<u>6</u>	ft
PW-8	(ON)	OFF	<u>6</u>	ft
Equalization tank			<u>4</u>	ft

Influent Flow Rate 44.92 gpm

Influent Totalizer Reading 4173183 gallons

Sequestering agent drum level 26 in.

Amount of sequestering agent remaining 40 gallons

Sequestering agent feed rate 5 ml/min.

Sequestering agent metering Pump Pressure 1 psi

Bag filter top pressure 10 20 psi

Bag filter bottom pressure 0 0 psi

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form

Other observations: _____

Agway _____

vacuum 1 3" _____

air pressure 100 psi _____

Bank 1 _____

SP-1 0 scfm SP-2 3 scfm SP-3 3 scfm SP-4 2 scfm SP-5 0 scfm

SP-6 4 scfm SP-7 0 scfm SP-8 0 scfm _____

Describe any other system maintenance performed

Changed filters _____

Need to find a home for empty plastic 55 gallon drums from Redox 380 there is now 6 empties on site.

Signature Richard C. Beck

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form

Date/Time 1/30/2006 9:30

Inspection personnel R C Becken

Other personnel on site _____

Weather Conditions overcast 47 degrees

Are all well pumps operating in auto? (YES) NO
If "NO", provide explanation

Provide water level readings on control panel

RW-1	(ON)	OFF	<u>7</u>	ft
PW-2	ON	(OFF)	<u>7</u>	ft
PW-3	ON	(OFF)	<u>3</u>	ft
PW-4	ON	(OFF)	<u>7</u>	ft
PW-5	(ON)	OFF	<u>7</u>	ft
PW-6	ON	(OFF)	<u>6</u>	ft
PW-7	(ON)	OFF	<u>7</u>	ft
PW-8	ON	(OFF)	<u>6</u>	ft
Equalization tank			<u>4</u>	ft

Influent Flow Rate 55.91 gpm

Influent Totalizer Reading 4690865 gallons

Sequestering agent drum level 12 in.

Amount of sequestering agent remaining 20 gallons

Sequestering agent feed rate 5 ml/min.

Sequestering agent metering Pump Pressure 1 psi

Bag filter top pressure 0 5 psi

Bag filter bottom pressure 0 0 psi

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form

Other observations: _____

Agway _____

vacuum 13" _____

air pressure 100 psi _____

Bank 1 _____

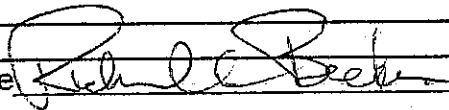
SP-1 1 scfm SP-2 3 scfm SP-3 3 scfm SP-4 0 scfm _____

SP-5 0 scfm SP-6 4 scfm SP-7 0 scfm SP-8 0 scfm _____

Describe any other system maintenance performed

Pressure washed stripper trays as well as possible through the cleaning ports, air pressure went down to 18 inches of water pressure.

Signature



Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form

Date/Time 2/6/2006 8:00

Inspection personnel R C Becken

Other personnel on site _____

Weather Conditions snowing 25 degrees

Are all well pumps operating in auto? (YES) NO
If "NO", provide explanation

Provide water level readings on control panel

RW-1	(ON)	OFF	<u>5</u>	ft
PW-2	ON	(OFF)	<u>7</u>	ft
PW-3	ON	(OFF)	<u>7</u>	ft
PW-4	ON	(OFF)	<u>7</u>	ft
PW-5	(ON)	OFF	<u>8</u>	ft
PW-6	ON	(OFF)	<u>7</u>	ft
PW-7	(ON)	OFF	<u>8</u>	ft
PW-8	(ON)	OFF	<u>6</u>	ft
Equalization tank			<u>4</u>	ft

Influent Flow Rate 47.26 gpm

Influent Totalizer Reading 5192248 gallons

Sequestering agent drum level ~5" in.

Amount of sequestering agent remaining ~7 gallons

Sequestering agent feed rate 5 ml/min.

Sequestering agent metering Pump Pressure 1 psi

Bag filter top pressure 7 15 psi

Bag filter bottom pressure 0 0 psi

**Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form**

Influent feed pump in use (#1) #2

Influent Pump Pressure _____ 7 psi

Air stripper blower in use (#1) #2

Air stripper differential pressure _____ 2.5 inches H₂O

Air stripper r Pressure _____ 20 inches H₂O

Effluent feed pump in use (#1) #2

Effluent feed pump pressure _____ 7 psi

Effluent flow rate _____ 85.6 gpm

Effluent Totalizer reading _____ 20739404 gallons

Are building heaters in use? (YES) NO

Ambient air temperature _____ 49.9 degrees F

Are any leaks present? YES (NO)

Is sump pump in use? YES (NO)

Water level in sump _____ 4

Is treatment building clean and organized? (YES) NO

Samples collected? YES NO

	Sample ID	Time of Sampling	pH	Turbidity	Temp.
Air stripper influent		10:30	7.31	13.19	53.6
Air stripper effluent		10:40	8.12	8.07	52.8
GAC influent	_____		NA	NA	
GAC effluent	_____		NA	NA	

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 on the following page.)

Mr. C's Dry Cleaners Site
NYSDEC Site #9-15-157
System Inspection Form

Other observations: _____

Agway

vacuum 13"

air pressure 100 psi

Bank 1

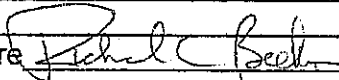
SP-1 1 scfm SP-2 3 scfm SP-3 3 scfm SP-4 0 scfm

SP-5 0 scfm SP-6 4 scfm SP-7 0 scfm SP-8 0 scfm

Describe any other system maintenance performed

Changed filters, started new drum of Redox 380.

Signature



**Mr. C's Dry Cleaners Site
 NYSDEC Site #9-15-157
 Piezometer Water Level Log**

Date 2/6/2006

Measurements taken by RC Becken

RW-1	<u>22.01</u>	ft	Comments _____
PZ-1A	<u>11.34</u>	ft	Comments _____
PZ-1B	<u>10.7</u>	ft	Comments _____
PZ-1C	<u>12.09</u>	ft	Comments _____
PZ-1D	<u>12.21</u>	ft	Comments _____
PW-2	<u>21.4</u>	ft	Comments _____
PZ-2A	<u>10.83</u>	ft	Comments _____
PZ-2B	<u>11.15</u>	ft	Comments _____
PZ-2C	<u>10.66</u>	ft	Comments _____
PZ-2D	_____	ft	Comments _____
PW-3	<u>20.1</u>	ft	Comments _____
PZ-3A	<u>11.28</u>	ft	Comments _____
PZ-3B	<u>11.31</u>	ft	Comments _____
PZ-3C	<u>11.85</u>	ft	Comments _____
PZ-3D	<u>11.34</u>	ft	Comments _____
PW-4	<u>24.32</u>	ft	Comments _____
PZ-4A	<u>11.31</u>	ft	Comments _____
PZ-4B	<u>10.82</u>	ft	Comments _____
PZ-4C	<u>11.01</u>	ft	Comments _____
PZ-4D	<u>10.31</u>	ft	Comments _____

RW-1 pump on during measurements? (YES) NO
 PW-2 pump on during measurements? YES (NO)
 PW-3 pump on during measurements? YES (NO)
 PW-4 pump on during measurements? YES (NO)

**Mr. C's Dry Cleaners Site
 NYSDEC Site #9-15-157
 Piezometer Water Level Log**

Date 2/6/2006

Measurements taken by RC Becken

PW-5	<u>19.27</u>	ft	Comments _____
PZ-5A	<u>10.6</u>	ft	Comments _____
PZ-5B	<u>10.59</u>	ft	Comments _____
PZ-5C	<u>10.19</u>	ft	Comments _____
PZ-5D	<u>10.97</u>	ft	Comments _____
PW-6	<u>19.56</u>	ft	Comments _____
PZ-6A	<u>11.34</u>	ft	Comments _____
PZ-6B	<u>11.18</u>	ft	Comments _____
PZ-6C	<u>11.47</u>	ft	Comments _____
PZ-6D	<u>11.1</u>	ft	Comments _____
PW-7	<u>19.8</u>	ft	Comments _____
PZ-7A	<u>11.14</u>	ft	Comments _____
PZ-7B	<u>11.6</u>	ft	Comments _____
PZ-7C	<u>10.8</u>	ft	Comments _____
PZ-7D	<u>11.08</u>	ft	Comments _____
PW-8	<u>21.01</u>	ft	Comments _____
PZ-8A	<u>7.91</u>	ft	Comments _____
PZ-8B	<u>7.85</u>	ft	Comments _____
PZ-8C	<u>7.45</u>	ft	Comments _____
PZ-8D	<u>7.74</u>	ft	Comments _____

PW-5 pump on during measurements? YES (NO)
 PW-6 pump on during measurements? (YES) NO
 PW-7 pump on during measurements? YES (NO)
 PW-8 pump on during measurements? (YES) NO

Attachment B
Analytical Report from
Severn-Trent Laboratory
Analytical Data Package #A06-0307
Sampled: January 3, 2006



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ANALYTICAL REPORT

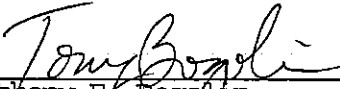
Job#: A06-0307

STL Project#: NY5A9393.3

Site Name: Ecology and Environment NYSDEC StandbyTask: Mr. C's Site-000699.NY06

Mr. Mike Steffan
Ecology and Environment
368 Pleasant View Drive
Lancaster, NY 14086

STL Buffalo



Anthony E. Bogolin
Project Manager

01/18/2006



STL Buffalo Current Certifications

As of 12/28/2005

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA, CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USACE	USACE	
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA, RCRA	C254
West Virginia	CWA, RCRA	252
Wisconsin	CWA	998310390

SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>MATRIX</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
			<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A6030701	Effluent	WATER	01/10/2006	08:52	01/11/2006	08:16
A6030702	Influent	WATER	01/10/2006	08:45	01/11/2006	08:16

METHODS SUMMARY

Job#: A06-0307STL Project#: NY5A9393.3Site Name: Ecology and Environment NYSDEC Standby

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
pH	MCAWW 150.1
Total Hardness	MCAWW 130.2

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A06-0307STL Project#: NY5A9393.3Site Name: Ecology and Environment NYSDEC StandbyGeneral Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A06-0307

Sample Cooler(s) were received at the following temperature(s); 3.2 °C
All samples were received in good condition.

GC/MS Volatile Data

No deviations from protocol were encountered during the analytical procedures.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
Effluent	A6030701	Total Hardness	2.00	008
Influent	A6030702	8260	20.00	008
Influent	A6030702	Total Hardness	2.00	008
Influent	A6030702MS	8260	20.00	008
Influent	A6030702SD	8260	20.00	008

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - high levels of non-target compounds
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other



DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- 1 Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- E Indicates a value estimated or not reported due to the presence of interferences.
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
- * Indicates the spike or duplicate analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample ID: Effluent
 Lab Sample ID: A6030701
 Date Collected: 01/10/2006
 Time Collected: 08:52

Date Received: 01/11/2006
 Project No: NY5A9393.3
 Client No: 397714
 Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
AQUEOUS-SW8463 8260 - TCL VOLATILES								
1,1,1-Trichloroethane	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
1,1,2,2-Tetrachloroethane	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
1,1,2-Trichloroethane	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
1,1-Dichloroethane	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
1,1-Dichloroethene	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
1,2,4-Trichlorobenzene	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
1,2-Dibromo-3-chloropropane	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
1,2-Dibromoethane	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
1,2-Dichlorobenzene	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
1,2-Dichloroethane	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
1,2-Dichloropropane	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
1,3-Dichlorobenzene	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
1,4-Dichlorobenzene	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
2-Butanone	ND		5.0	UG/L	8260	01/12/2006	14:14	TRB
2-Hexanone	ND		5.0	UG/L	8260	01/12/2006	14:14	TRB
4-Methyl-2-pentanone	ND		5.0	UG/L	8260	01/12/2006	14:14	TRB
Acetone	2.6	J	5.0	UG/L	8260	01/12/2006	14:14	TRB
Benzene	0.51	J	1.0	UG/L	8260	01/12/2006	14:14	TRB
Bromodichloromethane	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
Bromoform	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
Bromomethane	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
Carbon Disulfide	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
Carbon Tetrachloride	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
Chlorobenzene	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
Chloroethane	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
Chloroform	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
Chloromethane	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
cis-1,2-Dichloroethene	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
cis-1,3-Dichloropropene	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
Cyclohexane	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
Dibromochloromethane	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
Dichlorodifluoromethane	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
Ethylbenzene	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
Isopropylbenzene	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
Methyl acetate	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
Methyl-t-Butyl Ether (MTBE)	0.56	J	1.0	UG/L	8260	01/12/2006	14:14	TRB
Methylcyclohexane	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
Methylene chloride	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
Styrene	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
Tetrachloroethene	4.8		1.0	UG/L	8260	01/12/2006	14:14	TRB
Toluene	1.8		1.0	UG/L	8260	01/12/2006	14:14	TRB
Total Xylenes	1.6	J	3.0	UG/L	8260	01/12/2006	14:14	TRB
trans-1,2-Dichloroethene	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
trans-1,3-Dichloropropene	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
Trichloroethene	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
Trichlorofluoromethane	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB
Vinyl chloride	ND		1.0	UG/L	8260	01/12/2006	14:14	TRB

Date: 01/18/2006

Time: 12:11:25

Ecology and Environment NYSDEC Standby
Mr. C's Site-000699.NY06

Sample ID: Effluent

Lab Sample ID: A6030701

Date Collected: 01/10/2006

Time Collected: 08:52

Date Received: 01/11/2006

Project No: NY5A9393.3

Client No: 397714

Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
Wet Chemistry Analysis								
pH	8.22		0.500	S.U.	150.1	01/11/2006	16:05	SM
Total Hardness	422		4.0	MG/L	130.2	01/12/2006	21:10	SM

Sample ID: Influent

Lab Sample ID: A6030702

Date Collected: 01/10/2006

Time Collected: 08:45

Date Received: 01/11/2006

Project No: NY5A9393.3

Client No: 397714

Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
AQUEOUS-SW8463 8260 - TCL VOLATILES								
1,1,1-Trichloroethane	ND		20	UG/L	8260	01/12/2006	14:37	TRB
1,1,2,2-Tetrachloroethane	ND		20	UG/L	8260	01/12/2006	14:37	TRB
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	UG/L	8260	01/12/2006	14:37	TRB
1,1,2-Trichloroethane	ND		20	UG/L	8260	01/12/2006	14:37	TRB
1,1-Dichloroethane	ND		20	UG/L	8260	01/12/2006	14:37	TRB
1,1-Dichloroethene	ND		20	UG/L	8260	01/12/2006	14:37	TRB
1,2,4-Trichlorobenzene	ND		20	UG/L	8260	01/12/2006	14:37	TRB
1,2-Dibromo-3-chloropropane	ND		20	UG/L	8260	01/12/2006	14:37	TRB
1,2-Dibromoethane	ND		20	UG/L	8260	01/12/2006	14:37	TRB
1,2-Dichlorobenzene	ND		20	UG/L	8260	01/12/2006	14:37	TRB
1,2-Dichloroethane	ND		20	UG/L	8260	01/12/2006	14:37	TRB
1,2-Dichloropropane	ND		20	UG/L	8260	01/12/2006	14:37	TRB
1,3-Dichlorobenzene	ND		20	UG/L	8260	01/12/2006	14:37	TRB
1,4-Dichlorobenzene	ND		20	UG/L	8260	01/12/2006	14:37	TRB
2-Butanone	ND		100	UG/L	8260	01/12/2006	14:37	TRB
2-Hexanone	ND		100	UG/L	8260	01/12/2006	14:37	TRB
4-Methyl-2-pentanone	ND		100	UG/L	8260	01/12/2006	14:37	TRB
Acetone	ND		100	UG/L	8260	01/12/2006	14:37	TRB
Benzene	ND		20	UG/L	8260	01/12/2006	14:37	TRB
Bromodichloromethane	ND		20	UG/L	8260	01/12/2006	14:37	TRB
Bromoform	ND		20	UG/L	8260	01/12/2006	14:37	TRB
Bromomethane	ND		20	UG/L	8260	01/12/2006	14:37	TRB
Carbon Disulfide	ND		20	UG/L	8260	01/12/2006	14:37	TRB
Carbon Tetrachloride	ND		20	UG/L	8260	01/12/2006	14:37	TRB
Chlorobenzene	ND		20	UG/L	8260	01/12/2006	14:37	TRB
Chloroethane	ND		20	UG/L	8260	01/12/2006	14:37	TRB
Chloroform	ND		20	UG/L	8260	01/12/2006	14:37	TRB
Chloromethane	ND		20	UG/L	8260	01/12/2006	14:37	TRB
cis-1,2-Dichloroethene	12	J	20	UG/L	8260	01/12/2006	14:37	TRB
cis-1,3-Dichloropropene	ND		20	UG/L	8260	01/12/2006	14:37	TRB
Cyclohexane	ND		20	UG/L	8260	01/12/2006	14:37	TRB
Dibromochloromethane	ND		20	UG/L	8260	01/12/2006	14:37	TRB
Dichlorodifluoromethane	ND		20	UG/L	8260	01/12/2006	14:37	TRB
Ethylbenzene	ND		20	UG/L	8260	01/12/2006	14:37	TRB
Isopropylbenzene	ND		20	UG/L	8260	01/12/2006	14:37	TRB
Methyl acetate	ND		20	UG/L	8260	01/12/2006	14:37	TRB
Methyl-t-Butyl Ether (MTBE)	13	J	20	UG/L	8260	01/12/2006	14:37	TRB
Methylcyclohexane	ND		20	UG/L	8260	01/12/2006	14:37	TRB
Methylene chloride	ND		20	UG/L	8260	01/12/2006	14:37	TRB
Styrene	ND		20	UG/L	8260	01/12/2006	14:37	TRB
Tetrachloroethene	1600		20	UG/L	8260	01/12/2006	14:37	TRB
Toluene	ND		20	UG/L	8260	01/12/2006	14:37	TRB
Total Xylenes	ND		60	UG/L	8260	01/12/2006	14:37	TRB
trans-1,2-Dichloroethene	ND		20	UG/L	8260	01/12/2006	14:37	TRB
trans-1,3-Dichloropropene	ND		20	UG/L	8260	01/12/2006	14:37	TRB
Trichloroethene	54		20	UG/L	8260	01/12/2006	14:37	TRB
Trichlorofluoromethane	ND		20	UG/L	8260	01/12/2006	14:37	TRB
Vinyl chloride	ND		20	UG/L	8260	01/12/2006	14:37	TRB

Date: 01/18/2006

Time: 12:11:25

Ecology and Environment NYSDEC Standby
Mr. C's Site-000699.NY06

Sample ID: Influent

Lab Sample ID: A6030702

Date Collected: 01/10/2006

Time Collected: 08:45

Date Received: 01/11/2006

Project No: NY5A9393.3

Client No: 397714

Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
Wet Chemistry Analysis								
pH	7.67		0.500	S.U.	150.1	01/11/2006	16:05	SM
Total Hardness	446		4.0	MG/L	130.2	01/12/2006	21:10	SM

Batch Quality Control Data

Date: 01/18/2006 13:08:31
Batch No: A6B12129

MS/MSD Batch QC Results

Rept: AN1392

Lab Sample ID: A6030317 A6030317MS

Analyte	Units of Measure	Concentration		Spike Amount	% Recovery MS	QC LIMITS
		Sample	Matrix Spike			
WET CHEMISTRY ANALYSIS ALLIED - 130.2 - TOTAL HARDNESS AS CAC	MG/L	7.53	88.89	80.00	102	74-130

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Chronology and QC Summary Package

Client ID	Lab ID	VBLK55	A6B1206902	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Job No	Sample Date	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/L	ND	5.0	NA		NA		NA	
Benzene	UG/L	ND	1.0	NA		NA		NA	
Bromodichloromethane	UG/L	ND	1.0	NA		NA		NA	
Bromoform	UG/L	ND	1.0	NA		NA		NA	
Bromomethane	UG/L	ND	1.0	NA		NA		NA	
2-Butanone	UG/L	ND	5.0	NA		NA		NA	
Carbon Disulfide	UG/L	ND	1.0	NA		NA		NA	
Carbon Tetrachloride	UG/L	ND	1.0	NA		NA		NA	
Chlorobenzene	UG/L	ND	1.0	NA		NA		NA	
Chloroethane	UG/L	ND	1.0	NA		NA		NA	
Chloroform	UG/L	ND	1.0	NA		NA		NA	
Chloromethane	UG/L	ND	1.0	NA		NA		NA	
Cyclohexane	UG/L	ND	1.0	NA		NA		NA	
1,2-Dibromoethane	UG/L	ND	1.0	NA		NA		NA	
Dibromochloromethane	UG/L	ND	1.0	NA		NA		NA	
1,2-Dibromo-3-chloropropane	UG/L	ND	1.0	NA		NA		NA	
1,2-Dichlorobenzene	UG/L	ND	1.0	NA		NA		NA	
1,3-Dichlorobenzene	UG/L	ND	1.0	NA		NA		NA	
1,4-Dichlorobenzene	UG/L	ND	1.0	NA		NA		NA	
Dichlorodifluoromethane	UG/L	ND	1.0	NA		NA		NA	
1,1-Dichloroethane	UG/L	ND	1.0	NA		NA		NA	
1,2-Dichloroethane	UG/L	ND	1.0	NA		NA		NA	
1,1-Dichloroethene	UG/L	ND	1.0	NA		NA		NA	
cis-1,2-Dichloroethene	UG/L	ND	1.0	NA		NA		NA	
trans-1,2-Dichloroethene	UG/L	ND	1.0	NA		NA		NA	
1,2-Dichloropropane	UG/L	ND	1.0	NA		NA		NA	
cis-1,3-Dichloropropene	UG/L	ND	1.0	NA		NA		NA	
trans-1,3-Dichloropropene	UG/L	ND	1.0	NA		NA		NA	
Ethylbenzene	UG/L	ND	1.0	NA		NA		NA	
2-Hexanone	UG/L	ND	5.0	NA		NA		NA	
Isopropylbenzene	UG/L	ND	1.0	NA		NA		NA	
Methyl acetate	UG/L	ND	1.0	NA		NA		NA	
Methylcyclohexane	UG/L	ND	1.0	NA		NA		NA	
Methylene chloride	UG/L	ND	1.0	NA		NA		NA	
4-Methyl-2-pentanone	UG/L	ND	5.0	NA		NA		NA	
Methyl-t-Butyl Ether (MTBE)	UG/L	ND	1.0	NA		NA		NA	
Styrene	UG/L	ND	1.0	NA		NA		NA	
1,1,2,2-Tetrachloroethane	UG/L	ND	1.0	NA		NA		NA	
Tetrachloroethene	UG/L	ND	1.0	NA		NA		NA	
Toluene	UG/L	ND	1.0	NA		NA		NA	
1,2,4-Trichlorobenzene	UG/L	ND	1.0	NA		NA		NA	
1,1,1-Trichloroethane	UG/L	ND	1.0	NA		NA		NA	
1,1,2-Trichloroethane	UG/L	ND	1.0	NA		NA		NA	

Date: 01/18/2006
Time: 12:11:32

Ecology and Environment NYSDEC standby
Mr. C's Site-000699.NY06
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AM1247

Client ID	Lab ID	VBLK55 A06-0307	A6B1206902	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	ND	1.0	NA		NA		NA	
Trichloroethane	UG/L	ND	1.0	NA		NA		NA	
Vinyl chloride	UG/L	ND	1.0	NA		NA		NA	
Total xylenes	UG/L	ND	3.0	NA		NA		NA	
---IS/SURROGATE(S)---									
Chlorobenzene-D5	%	98	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	100	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	95	50-200	NA		NA		NA	
Toluene-D8	%	98	76-122	NA		NA		NA	
p-Bromofluorobenzene	%	87	73-120	NA		NA		NA	
1,2-Dichloroethane-D4	%	99	72-143	NA		NA		NA	

1625

Date: 01/18/2006
 Time: 12:11:42

Ecology and Environment NYSDEC standby
 Mr. C's Site-000699.NY06
 WET CHEMISTRY ANALYSIS

Rept: AN1247

Client ID Job No Sample Date	Lab ID	Method Blank A06-0307		AGB121290Z		Reporting Limit	Sample Value	Reporting Limit	Sample Value
		Sample Value	Reporting Limit	Sample Value	Reporting Limit				
Total Hardness		Units MG/L	ND	2.0	NA	NA	NA	NA	NA

1725

NA = Not Applicable ND = Not Detected

STL Buffalo

Client Sample ID: Influent A6030702MS
 Lab Sample ID: A6030702 Influent A6030702SD

Analyte	Units of Measure	Sample	Concentration		Spike Amount MS	% Recovery		GC LIMITS RPD REC.			
			Matrix Spike	Spike Duplicate		MS	MSD		AVG	% RPD	
METHOD 8260 - TCL VOLATILE ORGANICS											
1,1-dichloroethene	ug/L	0	561	546	500	112	109	111	3	16.0	65-142
Trichloroethene	ug/L	53.8	606	598	500	110	109	110	0.	16.0	71-120
Benzene	ug/L	0	565	562	500	113	112	113	0.	13.0	67-126
Toluene	ug/L	0	525	522	500	105	104	105	1	18.0	69-120
Chlorobenzene	ug/L	0	513	512	500	103	102	103	1	19.0	73-120

MSB55
A6B1206901Client Sample ID: VBLK55
Lab Sample ID: A6B1206902

Analyte	Units of Measure	Concentration		% Recovery Blank Spike	QC LIMITS
		Blank Spike	Spike Amount		
METHOD 8260 - TCL VOLATILE ORGANICS					
1,1-Dichloroethene	ug/L	25.7	25.0	103	65-142
Trichloroethene	ug/L	26.4	25.0	106	71-120
Benzene	ug/L	26.8	25.0	108	67-126
Toluene	ug/L	25.1	25.0	100	69-120
Chlorobenzene	ug/L	24.9	25.0	100	73-120

19/25

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
 Lab Sample ID: A6B1212902 A6B1212901

Analyte	Units of Measure	Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 130.2 - TOTAL HARDNESS AS CaCO3	MG/L	148.4	159.0	93	90-110

* Indicates Result is outside QC Limits
 NC = Not Calculated ND = Not Detected

METHOD 8260 - TCL VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	Effluent A06-0307 A6030701	Influent A06-0307 A6030702		
Sample Date	01/10/2006 08:52	01/10/2006 08:45		
Received Date	01/11/2006 08:16	01/11/2006 08:16		
Extraction Date	01/12/2006 14:14	01/12/2006 14:37		
Analysis Date	-	-		
Extraction HT Met?	YES	YES		
Analytical HT Met?	WATER	WATER		
Sample Matrix	1.0	20.0		
Dilution Factor	0.005	0.005		
Sample wt/vol	LITERS	LITERS		
% Dry				

2125

METHOD 8260 - TCL VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	VBLK55 A06-0307 A6B1206902			
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	01/12/2006 11:13 - - WATER 1.0 0.005 LITERS			

Lab ID	Sample ID	Lab	Analyte	Method	DF	Sample wt/vol g/L	Sample Date	Receive Date	TCLP Date	T	Analysis Date	ANL INI	A H	Matrix
A6030701	Effluent	RECNY	pH	150.1	1.0		01/10/06 08:52	01/11 08:16	NA	H	01/11 16:05	SM	Y	WATER
A6030702	Influent	RECNY	Total Hardness	130.2	2.0		01/10/06 08:52	01/11 08:16	NA		01/12 21:10	SM	Y	WATER
		RECNY	pH	150.1	1.0		01/10/06 08:45	01/11 08:16	NA		01/11 16:05	SM	Y	WATER
		RECNY	Total Hardness	130.2	2.0		01/10/06 08:45	01/11 08:16	NA		01/12 21:10	SM	Y	WATER

23/25

STL Buffalo

AH = Analysis Holding Time Met
 TH = TCLP Holding Time Met
 NA = Not Applicable
 ANL INI = Analyst Initials
 DF = Dilution Factor

Date: 01/18/2006 12:12
 Job No: A06-0307

MR. C'S SITE-000699.NY06
 QC CHRONOLOGY

Rept: AM1250
 Page: 2

Lab ID	Sample ID	Lab	Analyte	Method	DF	Sample wt/vol g/L	Sample Date	Receive Date	TCLP Date	T	Analysis Date	ANL A	Matrix
										H		INI	H
A6B1212902	Method Blank	RECNY	Total Hardness	130.2	1.0	-	-	-	NA		01/12 21:10	SM	Y WATER

2425

STL Buffalo

ANL INI = Analyst Initials
 DF = Dilution Factor

AH = Analysis Holding Time Met
 TH = TCLP Holding Time Met
 NA = Not Applicable

Attachment C
Summary of Site Utility Costs and Projections
October 2004 to January 2006

Mr. C's Dry Cleaners Site - Remedial Treatment Utility Costs
NYSDEC Work Assignment #27.4
12 Months of System Operation and Maintenance

Month	Possible OP Hours	Actual OP Hours	Up-Time Percent	Percent Capacity*	General Operation Comments	Budget Remaining:	Electric:	Telephone:	Gas	Total:
September-03	96	96	100.00%	58%	Shutdown by Tyree after Separable Part B inspection	\$15,221.69				
October-03	168	168	100.00%	6%	Official Startup by O&M Enterprises on 10/22/03	\$601.69				
November-03	720	720	100.00%	5%						
December-03	744	744	100.00%	28%						
January-04	672	672	100.00%	16%						
February-04	696	696	100.00%	21%						
March-04	816	815	99.88%	51%						
April-04	672	670	99.70%	50%						
May-04	696	513	73.71%	43%	Equipment shutdown- low flow of water to air stripper - 5/17-24/04					
June-04	696	692	99.43%	30%	Individual pumps shutdown for inspection and cleaning					
July-04	840	840	100.00%	47%	100% operational					
August-04	672	672	100.00%	42%	100% operational					
September-04	840	820	97.82%	31%	Temporary Stripper Shutdown					
October-04	672	607	90.33%	33%	65 hour weekend shutdown due to low pressure problems with the airstripper					
November-04	696	641.5	92.17%	37%						
December-04	816	792	97.06%	42%	GAC units removed from treatment system operations					
January-05	840	840	100.00%	46%	GAC units removed from project site 1/14/05					
February-05	672	660	98.21%	41%	Unit cleaned February 4, 2005					
March-05	840	828	98.57%	33%	Unit shut down for additional cleaning and sequestering agent review.					
April-05	696	609	87.50%	58%	Unit cleaned April 8, 2005. Back in service until new sequestering agent approved and installed.					
May-05	840	768	91.43%	36%	Unit re-cleaned and new water treatment chemical started operations on 5/19/05					
June-05	744	644	86.56%	30%	Extremely dry month of June.					
July-05	624	605.5	97.04%	44%	Extremely dry month of July.					
August-05	696	696	100.00%	44%	Extremely dry month of August.					
September-05	864	864	100.00%	40%	Extremely dry month of September.					
October-05	672	672	100.00%	39%	Extremely dry month of October.					
November-05	672	659	98.07%	34%	Power outage occurred November 6, 2005					
December-05	864	864	98.84%	29.6%	Air Stripper cleaning occurred on 12/27/05					
January-06	19536	18858	96.53%		Based on OM services provided by EEEPC/OMEI since 9/03.					
Totals to Date										

Monthly Treatment System Operational Time by O&M Services

Month	Possible OP Hours	Actual OP Hours	Up-Time Percent	Percent Capacity*	General Operation Comments	Budget Remaining:	Electric:	Telephone:	Gas	Total:
September-03	96	96	100.00%	58%	Shutdown by Tyree after Separable Part B inspection	\$15,221.69				
October-03	168	168	100.00%	6%	Official Startup by O&M Enterprises on 10/22/03	\$601.69				
November-03	720	720	100.00%	5%						
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January-06	19536	18858	96.53%		Based on OM services provided by EEEPC/OMEI since 9/03.					
Totals to Date										

* 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 other pumps run a batch basis

Projected Utility Costs for the O&M year (10/05 to 1/06)	
Ave./Month	
Mr. C's Electric	\$ 1,760.46
Agway Electric	\$ 284.13
Mr. C's Gas	\$ 69.85
Mr. C's Telephone	\$ 26.10
Ave. Utility Cost Total	\$ 2,140.54
	12 month Estimate
	\$27,827.06
	times