ecology and environment engineering, p.c.

BUFFALO CORPORATE CENTER
368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716/684-8060, Fax: 716/684-0844

October 7, 2005

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
September 2005 Operations, Maintenance, and Monitoring Report

Dear Mr. Chiusano:

Ecology and Environment Engineering, P.C. (EEEPC) is pleased to provide this September 2005 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 EEEPC'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) are provided as Attachment B. All analytical results for the report were analyzed at the lowest detection limits in accordance with the method standard. Remedial treatment system utility costs are provided as Attachment C. Discussion of the subslab depressurization systems at the First Presbyterian Church of East Aurora and 27 Whaley are provided in the operational summary of the report.

In review of the on-site treatment system operations, monitoring and maintenance for September 2005, EEEPC offers the following comments and highlights:

Operational Summary

- The treatment system was operational for approximately 100% of the period between 8/29/05 and 10/3/05. 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 September 2005 indicate that approximately 1,591,248 gallons of groundwater were processed through the treatment system from 8/29/05 through 10/3/05. This is a 10.25% increase in treated volume over the month of August 2005. 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 9/19/05.

- Checklists for weekly system inspections from OMEI are provided as Attachment A for 9/6/05, 9/12/05, 9/19/05, 9/27/05 and 10/3/05. Weekly system checks indicated that the air stripper differential pressure was between 23 and 26 inches of water during the month of September 2005. Maintaining the differential pressure of the stripper trays between 17 and 30 inches of water is critical for treated effluent to be in compliance with the discharge criteria.
- The feed rate for the sequestering agent increased slightly to 3.0mg/L.
- All groundwater pumping wells were inspected. Residual water was pumped out and transported as placed in the system equalization tank. Manholes were then inspected for leaks and equipment operation. All manholes were found without leaks and operations equipment performing correctly.
- The flexible ductwork from the blower to the stripper tray broken during restart was repaired and the unit placed back into service.
- A copy of the site utility costs from EEEPC operations from October 2004 to date is provided as Attachment C.
- The October compliance sampling is planned to take place on October 6, 2005.
- The sampling of the monitoring wells at the Agway site was performed on September 6 and 7, 2005. Analytical results were received September 30, 2005. EEEPC to prepare letter report of results.
- EEEPC received a telephone call from Kim Bingman (716-913-1232) EA 400 Main Street LLC, holding company and current owner of the Agway property. They requested overflow parking at the site. EEEPC responded that a final round of sampling was being performed and a final determination on release of environmental conditions will be performed by NYSDEC. Our response to NYSDEC will be to install additional protection around treatment systems, groundwater pumping wells, piezometers and junction boxes to allow weekly access and to prevent damage from snow plowing in the future. Treatment equipment protection to be installed in October 2005.
- The operations and maintenance review of the subslab depressurization system for the Presbyterian Church indicates that the system is achieving the anticipated goals of the installation. Minor issues noted during the facility system review in August 2005 have been addressed:
  - caulking in Room 114 at the wall penetration from the classroom to the bathroom is checked and missing on both the classroom and bathroom walls and is scheduled for repair in October.
  - corrective action was performed on the roof leader/downspout assembly, which was reconnected to the existing building perimeter underdrain. EEEPC will discuss with Bill Larson later in October if action corrected the situation.
- The operations and maintenance review of the subslab depressurization system for 27 Whaley is complete and the system is operational. No additional service work or repairs are planned at this time. The next inspection of the system is scheduled for March 2006.
- All electrical junction boxes were cleaned and inspected. No changes were required.
- All force main manholes were inspected along Whaley Avenue. All manholes were filled with water. Water was pumped out and transported back into the equalization tank at the Mr. C's treatment building for processing. Manholes were inspected for leaks and operational equipment. Residual leakage was coming form surface into manhole.

- All force main manholes were inspected along Whaley Avenue. All manholes were filled with water. Water was pumped out and transported back into the equalization tank at the Mr. C's treatment building for processing. Manholes were inspected for leaks and operational equipment. Residual leakage was coming form surface into manhole.
- The Agway/Matrix system remains in operation since start up in April 2005. OMEI continues to review the system operations on a weekly basis. All air sparge points continue to be functional except for one point in the north area of the field. No repairs are anticipated at the present time.
- EEEPC purged and sampled the onsite wells on the Agway property on September 6 and 7, 2005 to evaluate the specific remedial cleanup. The analysis has been received and a letter will be developed for submission in early October 2005.

Analytical Summary – Groundwater

- EEEPC and OMEI personnel collected samples of influent and effluent groundwater for the reporting period 8/29/05 to 10/03/05 on September 6, 2005 as part of the normal weekly O&M services. The analytical results for the September 2005 sampling events are presented in Table 3.
- The September 2005 analytical results indicate that the treated groundwater effluent was below the site specific Effluent Discharge Limitation Requirements for all compounds including PCE. A comparison between the September 2005 analytical results and the Effluent Discharge Limitation Requirements for the site are provided in Table 4. The treatment system remains in operational and regulatory compliance during the month of September 2005.
- Approximately 16.5 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 µg/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 September 2005 O&M report summary submitted, please call me a 716-684-8060.

Very Truly Yours,

Michael G. Steffan

Michael G. Steffan
Project Manager
Ecology and Environment Engineering, P. C.

cc: D. Szymanski/G. Sutton, Region 9, NYSDEC - Buffalo w/o attachments
R. Becken, O&M Enterprises w/o attachments
D. Miller, E&E-Buffalo w/o 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 - September 3, 2005	864	100.00%
Average Operational Up-time =		**93.96%**

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
	Total	**63,989,276**

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

Compound	September 6, 2005					
	Influent Concentration* (µg/L)	(DL)	Effluent Concentration* (µg/L)		(DL)	Cleanup Efficiency (%)
Acetone	ND	(<100)	0.00		(5.0)	NA
2-Butanone	ND	(<100)	0.00		(5.0)	NA
Methylene chloride	ND	(<20)	ND		(1.0)	NA
Methyl tert-butyl ether	ND	(<20)	0.00		(1.0)	NA
Tetrachloroethene	1200	(<20)	0.47	J	(1.0)	99.96%
Toluene	ND	(<20)	ND		(1.0)	NA
Trichloroethene	39	(<20)	0.00		(1.0)	100.00%
Total Xylenes	ND	(<60)	ND		(3.0)	NA
September TOTAL (in ug/L) =	**1239.0**		**0.47**			99.96%

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

* (<250) Plus Detection Limit

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

Parameter/Analyte	Daily Maximum[1]	Units	September 6, 2005 Effluent Analytical Values
Flow	216,000	gpd	44,201.1 gpd [6]
pH	6.0 - 9.0	standard units	8.18
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	0.47 J
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	ug/L	NA
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	550
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 August 29, 2005 through September 3, 2005. Total gallons 1,591,248 divided by 36 operating days.
7. "J" indicates an estimiated value.
8. "B" indicates analyte found in the associated blank.
9. Detection limits noted on the specific analytes of concern.

Indicates non-compliance with the effluent discharge requirements

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
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
			Total pounds of VOCs removed from inception =	944.54

NOTES:
1. Calculations are based on monthly water samples and assumes samples are representative of the entire reporting period.
2. Calculations assume that non-detect values = 0 ug/L.
3. Total VOCs summations include estimated "J" values.
4. Calculations are based on effluent totalizer readings.
5. "Influent VOCs" and "Effluent VOCs" values given above is the summation of values for individual compounds given in monthly analytical reports.
6. No samples were collected in September 2003. August 2003 values are used.
7. Treatment system operated by Tyree Organization, Ltd. from 9/02 to 9/03.
8. Treatment system operated by O&M Enterprises from 10/03 to present.
9. Average influent and effluent concentrations used for December 2004.

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

Pounds of VOCs removed calculated by the following formula:
(1239 ug/L-0.47ug/L)(1g/10^6 ug)*(1 lb/453.5924 g)*1,591,248 gallons*(3.785 L/gallon) ~ 16.5 lbs*

where 1,591,248 gallons is the monthly process water volume.

Attachment A
OMEI Weekly Inspection Reports
September 2005

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

Date/Time 9\6\05 9:10

Inspection personnel RC Becken

Other personnel on site Greg Jones

Weather Conditions clear 65 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)	4	ft
PW-2	ON	(OFF)	5	ft
PW-3	ON	(OFF)	5	ft
PW-4	ON	(OFF)	5	ft
PW-5	ON	(OFF)	7	ft
PW-6	ON	(OFF)	3	ft
PW-7	ON	(OFF)	7	ft
PW-8	(ON)	OFF	5	ft
	Equalization tank		4	ft

Influent Flow Rate 58.1 gpm

Influent Totalizer Reading 5336357 gallons

Sequestering agent drum level 12 in.

Amount of sequestering agent remaining ~20 gallons

Sequestering agent feed rate 3 ml/min.

Sequestering agent metering Pump Pressure 0 psi

Bag filter top pressure 0 10 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 8 psi

Air stripper blower in use #1 (#2)

Air stripper differential pressure 3 inches H_2O

Air stripper Pressure 26 inches H_2O

Effluent feed pump in use #1 (#2)

Effluent feed pump pressure 7 psi

Effluent flow rate 97 gpm

Effluent Totalizer reading 14777921 gallons

Are building heaters in use? YES (NO)

Ambient air temperature 72.5 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		1:00	7.15	0.6	60.3
Air stripper effluent		1:10	7.82	2.6	65.7
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 11"
air pressure 110 psi

Bank 1
SP-1 3 scfm SP-2 3 scfm SP-3 3 scfm SP-4 2 scfm

SP-5 0 scfm SP-6 3 scfm SP-7 0.5 scfm SP-8 1 scfm

Started sampling monitoring wells purged all wells will sample tomorrow 9/7/05.

Describe any other system maintenance performed

Signature

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

Date/Time 9\12\05 9:30

Inspection personnel RC Becken

Other personnel on site

Weather Conditions clear72 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)	13	ft
PW-2	ON	(OFF)	5	ft
PW-3	ON	(OFF)	6	ft
PW-4	ON	(OFF)	4	ft
PW-5	ON	(OFF)	3	ft
PW-6	ON	(OFF)	6	ft
PW-7	ON	(OFF)	9	ft
PW-8	(ON)	OFF	8	ft
	Equalization tank		4	ft

Influent Flow Rate 31.94 gpm

Influent Totalizer Reading 5677337 gallons

Sequestering agent drum level 10 in.

Amount of sequestering agent remaining ~17 gallons

Sequestering agent feed rate 3 ml/min.

Sequestering agent metering Pump Pressure 0 psi

Bag filter top pressure 20 25 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 8 psi

Air stripper blower in use #1 (#2)

Air stripper differential pressure 3 inches H_2O

Air stripper Pressure 26 inches H_2O

Effluent feed pump in use (#1) #2

Effluent feed pump pressure 6 psi

Effluent flow rate 86.3 gpm

Effluent Totalizer reading 14977800 gallons

Are building heaters in use? YES (NO)

Ambient air temperature 77.1 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 11"
air pressure 110 psi

Bank 1
SP-1 2 scfm SP-2 3 scfm SP-3 3 scfm SP-4 1 scfm

SP-5 0 scfm SP-6 3 scfm S SP-7 1 SP-8 0

Describe any other system maintenance performed

Replaced pump in the sump, on 9/6/05,
Changed filters 9/12/05

Signature

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

Date/Time 9\19\05 9:15

Inspection personnel RC Becken

Other personnel on site

Weather Conditions 68 degrees hazy

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

Provide water level readings on control panel

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

Influent Flow Rate 61.9 gpm

Influent Totalizer Reading 6193174 gallons

Sequestering agent drum level 8"-9" in.

Amount of sequestering agent remaining ~14 gallons

Sequestering agent feed rate 3.5 ml/min.

Sequestering agent metering Pump Pressure 1 psi

Bag filter top pressure 6 14 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 8 psi

Air stripper blower in use #1 (#2)

Air stripper differential pressure 3 inches H_2O

Air stripper Pressure 25 inches H_2O

Effluent feed pump in use (#1) #2

Effluent feed pump pressure 6 psi

Effluent flow rate 86.7 gpm

Effluent Totalizer reading 15283359 gallons

Are building heaters in use? YES (NO)

Ambient air temperature 81.1 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 11"
air pressure 80 psi

Bank 1
SP-1 2 scfm SP-2 3 scfm SP-3 2.5 scfm SP-4 0 scfm

SP-5 0 scfm SP-6 3.5scfm SP-7 0 scfm SP-8 0 scfm

All fence posts were pulled out by EA contractor.

Describe any other system maintenance performed

Changed filters. Repaired flexable duct work from blower to stripper tray, it broke after I restarted the blower. I had system turned off to check the stripper trays for scale or mineral deposits, I found iron sludge on the bottom tray all other trays were clean. I plan to pressure the trays next week (Sept. 26, 2005).
I opened and checked all of the manholes and electrical boxes, the electrical boxes were clean and dry. The manholes all had water - RW-1 water level ~ 4" below force main the pressure gauge appears OK looking at it from the surface.PW-2 and PW-3 manhole had water at the force main level, pressure unknown. PW-4 and PW-5 water level ~1" below force main pressure gauges OK. PW-6 and PW-7 water level at the bottom of the force main pipe pressure gauges OK. PW-8 water level ~ 1 " below force main pipe pressure gauge OK.
Acrossed the street I attached the rain downspout to the existing drain.

Signature

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

Date/Time 9\27\05 9:00

Inspection personnel R C Becken

Other personnel on site Mark Green Environmental

Weather Conditions suuny cool 56 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	7	ft
PW-2	(ON)	OFF	7	ft
PW-3	ON	(OFF)	7	ft
PW-4	ON	(OFF)	7	ft
PW-5	(ON)	OFF	3	ft
PW-6	ON	(OFF)	7	ft
PW-7	(ON)	OFF	8	ft
PW-8	(ON)	OFF	6	ft
	Equalization tank		4	ft

Influent Flow Rate 70.51 gpm

Influent Totalizer Reading 6793819 gallons

Sequestering agent drum level 36 in.

Amount of sequestering agent remaining 55 gallons

Sequestering agent feed rate 3.5 ml/min.

Sequestering agent metering Pump Pressure 0 psi

Bag filter top pressure 10 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 8 psi

Air stripper blower in use #1 (#2)

Air stripper differential pressure 3.5 inches H_2O

Air stripper Pressure 21 inches H_2O

Effluent feed pump in use (#1) #2

Effluent feed pump pressure 7 psi

Effluent flow rate 86.6 gpm

Effluent Totalizer reading 15645060 gallons

Are building heaters in use? YES (NO)

Ambient air temperature 66.8 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 11"
air pressur re 120 psi

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

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

Describe any other system maintenance performed

Pumped water out of all manholes, pumped water into the equalization tank for treatment.

Changed filters

Pressure washed the stripper trays, pressure dropped appr. 7 inches of water column after pressure washing.

Signature

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

Date/Time 10\3\05 9:00

Inspection personnel R C Becken

Other personnel on site Greg Jones

Weather Conditions sunny 60 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)	4	ft
PW-2	(ON)	OFF	7	ft
PW-3	ON	(OFF)	6	ft
PW-4	(ON)	OFF	7	ft
PW-5	(ON)	OFF	8	ft
PW-6	ON	(OFF)	4	ft
PW-7	ON	(OFF)	7	ft
PW-8	ON	(OFF)	5	ft
	Equalization tank		7	ft
			4	

Influent Flow Rate 22.4 gpm

Influent Totalizer Reading 72347233 gallons

Sequestering agent drum level ~32" in.

Amount of sequestering agent remaining ~48 gallons

Sequestering agent feed rate 3 ml/min.

Sequestering agent metering Pump Pressure 0 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 8 psi

Air stripper blower in use #1 (#2)

Air stripper differential pressure 3 inches H_2O

Air stripper Pressure 23 inches H_2O

Effluent feed pump in use #1 (#2)

Effluent feed pump pressure 7 psi

Effluent flow rate 76.5 gpm

Effluent Totalizer reading 15912485 gallons

Are building heaters in use? YES (NO)

Ambient air temperature 70 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		9:45	6.2	6.76	59.7
Air stripper effluent		(:40	7.07	7.28	61.9
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 11"
air pressur re 115 psi

Bank 1
SP-1 2.5 scfm SP-2 2.5 scfm SP-3 2.5 scfm SP-4 0 scfm

SP-5 0 scfm SP-6 3.5 scfm SP-7 0scfm SP-8 0 scfm

Describe any other system maintenance performed
Hard piped air duct that was flexible pipe.

Signature

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

Date 10/3/2005 Measurements taken by RC Becken

RW-1	23.1	ft	Comments
PZ-1A		ft	Comments car parked on well
PZ-1B	11.75	ft	Comments
PZ-1C	12.9	ft	Comments
PZ-1D		ft	Comments car parked on well
PW-2	21.4	ft	Comments
PZ-2A	11.61	ft	Comments
PZ-2B	11.94	ft	Comments
PZ-2C	11.47	ft	Comments
PZ-2D		ft	Comments gone
PW-3	23.35	ft	Comments
PZ-3A	12.05	ft	Comments
PZ-3B	12.07	ft	Comments
PZ-3C	12.8	ft	Comments
PZ-3D	12.11	ft	Comments
PW-4	21.82	ft	Comments
PZ-4A	12.32	ft	Comments
PZ-4B	11.57	ft	Comments
PZ-4C	11.7	ft	Comments
PZ-4D	11.07	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 10/3/2005 Measurements taken by RC Becken

PW-5	21.1 ft	Comments	
PZ-5A	11.34 ft	Comments	
PZ-5B	11.37 ft	Comments	
PZ-5C	10.96 ft	Comments	
PZ-5D	11.75 ft	Comments	
PW-6	22.9 ft	Comments	
PZ-6A	12.03 ft	Comments	
PZ-6B	ft	Comments	car parked on well
PZ-6C	12.11 ft	Comments	
PZ-6D	11.78 ft	Comments	
PW-7	18.5 ft	Comments	
MPI-6S	11.56 ft	Comments	
PZ-7B	12.2 ft	Comments	
OW-C	11.77 ft	Comments	
PZ-7D	11.7 ft	Comments	
PW-8	19.86 ft	Comments	
PZ-8A	8.69 ft	Comments	
PZ-8B	8.57 ft	Comments	
PZ-8C	8.3 ft	Comments	
PZ-8D	8.26 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
Selected pages from
Severn-Trent Laboratory
Analytical Data Package #A05-9644

SEVERN TRENT STL

STL Buffalo
10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

ANALYTICAL REPORT

Job#: A05-9644

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby
Task: 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

09/28/2005

STL Buffalo
Current Certifications

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP SDWA, CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP 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	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
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington	CWA	C254
West Virginia	CWA	252
Wisconsin	CWA	998310390

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A5964401	Effluent	WATER	09/06/2005	13:10	09/06/2005	13:35
A5964402	Influent	WATER	09/06/2005	13:00	09/06/2005	13:35

METHODS SUMMARY

Job#: A05-9644

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby

PARAMETER	ANALYTICAL METHOD
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#: A05-9644

STL Project#: NY5A9393.3
Site Name: Ecology and Environment NYSDEC Standby

General 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

A05-9644
Sample Cooler(s) were received at the following temperature(s); 5.2 °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.

****

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
Influent	A5964402	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

SEVERN TRENT STL

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: A5964401
Date Collected: 09/06/2005
Time Collected: 13:10

Date Received: 09/06/2005
Project No: NY5A9393.3
Client No: 397714
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8260 - TCL VOLATILES - 25 ML							
1,1,1-Trichloroethane	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
1,1,2,2-Tetrachloroethane	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
1,1,2-Trichloroethane	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
1,1-Dichloroethane	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
1,1-Dichloroethene	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
1,2,4-Trichlorobenzene	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
1,2-Dibromo-3-chloropropane	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
1,2-Dibromoethane	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
1,2-Dichlorobenzene	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
1,2-Dichloroethane	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
1,2-Dichloropropane	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
1,3-Dichlorobenzene	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
1,4-Dichlorobenzene	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
2-Butanone	ND		5.0	UG/L	8260	09/17/2005 01:17	RTE
2-Hexanone	ND		5.0	UG/L	8260	09/17/2005 01:17	RTE
4-Methyl-2-pentanone	ND		5.0	UG/L	8260	09/17/2005 01:17	RTE
Acetone	ND		5.0	UG/L	8260	09/17/2005 01:17	RTE
Benzene	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
Bromodichloromethane	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
Bromoform	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
Bromomethane	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
Carbon Disulfide	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
Carbon Tetrachloride	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
Chlorobenzene	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
Chloroethane	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
Chloroform	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
Chloromethane	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
cis-1,2-Dichloroethene	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
cis-1,3-Dichloropropene	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
Cyclohexane	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
Dibromochloromethane	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
Dichlorodifluoromethane	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
Ethylbenzene	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
Isopropylbenzene	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
Methyl acetate	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
Methyl-t-Butyl Ether (MTBE)	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
Methylcyclohexane	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
Methylene chloride	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
Styrene	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
Tetrachloroethene	0.47	J	1.0	UG/L	8260	09/17/2005 01:17	RTE
Toluene	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
Total Xylenes	ND		3.0	UG/L	8260	09/17/2005 01:17	RTE
trans-1,2-Dichloroethene	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
trans-1,3-Dichloropropene	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
Trichloroethene	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
Trichlorofluoromethane	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE
Vinyl chloride	ND		1.0	UG/L	8260	09/17/2005 01:17	RTE

Sample ID: Effluent
Lab Sample ID: A5964401
Date Collected: 09/06/2005
Time Collected: 13:10

Date Received: 09/06/2005
Project No: NY5A9393.3
Client No: 397714
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Wet Chemistry Analysis							
pH	8.18		0	S.U.	150.1	09/07/2005 10:19	LRM
Total Hardness	550		2.0	MG/L	130.2	09/08/2005 14:30	LRM

Sample ID: Influent
Lab Sample ID: A5964402
Date Collected: 09/06/2005
Time Collected: 13:00

Date Received: 09/06/2005
Project No: NY5A9393.3
Client No: 397714
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8260 - TCL VOLATILES - 25 ML							
1,1,1-Trichloroethane	ND		20	UG/L	8260	09/17/2005 15:02	LH
1,1,2,2-Tetrachloroethane	ND		20	UG/L	8260	09/17/2005 15:02	LH
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	UG/L	8260	09/17/2005 15:02	LH
1,1,2-Trichloroethane	ND		20	UG/L	8260	09/17/2005 15:02	LH
1,1-Dichloroethane	ND		20	UG/L	8260	09/17/2005 15:02	LH
1,1-Dichloroethene	ND		20	UG/L	8260	09/17/2005 15:02	LH
1,2,4-Trichlorobenzene	ND		20	UG/L	8260	09/17/2005 15:02	LH
1,2-Dibromo-3-chloropropane	ND		20	UG/L	8260	09/17/2005 15:02	LH
1,2-Dibromoethane	ND		20	UG/L	8260	09/17/2005 15:02	LH
1,2-Dichlorobenzene	ND		20	UG/L	8260	09/17/2005 15:02	LH
1,2-Dichloroethane	ND		20	UG/L	8260	09/17/2005 15:02	LH
1,2-Dichloropropane	ND		20	UG/L	8260	09/17/2005 15:02	LH
1,3-Dichlorobenzene	ND		20	UG/L	8260	09/17/2005 15:02	LH
1,4-Dichlorobenzene	ND		20	UG/L	8260	09/17/2005 15:02	LH
2-Butanone	ND		100	UG/L	8260	09/17/2005 15:02	LH
2-Hexanone	ND		100	UG/L	8260	09/17/2005 15:02	LH
4-Methyl-2-pentanone	ND		100	UG/L	8260	09/17/2005 15:02	LH
Acetone	ND		100	UG/L	8260	09/17/2005 15:02	LH
Benzene	ND		20	UG/L	8260	09/17/2005 15:02	LH
Bromodichloromethane	ND		20	UG/L	8260	09/17/2005 15:02	LH
Bromoform	ND		20	UG/L	8260	09/17/2005 15:02	LH
Bromomethane	ND		20	UG/L	8260	09/17/2005 15:02	LH
Carbon Disulfide	ND		20	UG/L	8260	09/17/2005 15:02	LH
Carbon Tetrachloride	ND		20	UG/L	8260	09/17/2005 15:02	LH
Chlorobenzene	ND		20	UG/L	8260	09/17/2005 15:02	LH
Chloroethane	ND		20	UG/L	8260	09/17/2005 15:02	LH
Chloroform	ND		20	UG/L	8260	09/17/2005 15:02	LH
Chloromethane	ND		20	UG/L	8260	09/17/2005 15:02	LH
cis-1,2-Dichloroethene	ND		20	UG/L	8260	09/17/2005 15:02	LH
cis-1,3-Dichloropropene	ND		20	UG/L	8260	09/17/2005 15:02	LH
Cyclohexane	ND		20	UG/L	8260	09/17/2005 15:02	LH
Dibromochloromethane	ND		20	UG/L	8260	09/17/2005 15:02	LH
Dichlorodifluoromethane	ND		20	UG/L	8260	09/17/2005 15:02	LH
Ethylbenzene	ND		20	UG/L	8260	09/17/2005 15:02	LH
Isopropylbenzene	ND		20	UG/L	8260	09/17/2005 15:02	LH
Methyl acetate	ND		20	UG/L	8260	09/17/2005 15:02	LH
Methyl-t-Butyl Ether (MTBE)	ND		20	UG/L	8260	09/17/2005 15:02	LH
Methylcyclohexane	ND		20	UG/L	8260	09/17/2005 15:02	LH
Methylene chloride	ND		20	UG/L	8260	09/17/2005 15:02	LH
Styrene	ND		20	UG/L	8260	09/17/2005 15:02	LH
Tetrachloroethene	1200		20	UG/L	8260	09/17/2005 15:02	LH
Toluene	ND		20	UG/L	8260	09/17/2005 15:02	LH
Total Xylenes	ND		60	UG/L	8260	09/17/2005 15:02	LH
trans-1,2-Dichloroethene	ND		20	UG/L	8260	09/17/2005 15:02	LH
trans-1,3-Dichloropropene	ND		20	UG/L	8260	09/17/2005 15:02	LH
Trichloroethene	39		20	UG/L	8260	09/17/2005 15:02	LH
Trichlorofluoromethane	ND		20	UG/L	8260	09/17/2005 15:02	LH
Vinyl chloride	ND		20	UG/L	8260	09/17/2005 15:02	LH

Sample ID: Influent
Lab Sample ID: A5964402
Date Collected: 09/06/2005
Time Collected: 13:00

Date Received: 09/06/2005
Project No: NY5A9393.3
Client No: 397714
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Wet Chemistry Analysis							
pH	7.64		0	S.U.	150.1	09/07/2005 10:19	LRM
Total Hardness	570		2.0	MG/L	130.2	09/08/2005 14:30	LRM

Batch Quality Control Data

Date: 09/28/2005 08:22:10
Batch No: A5B13723

MS/MSD Batch QC Results

Rept: AN1392

Lab Sample ID: A5968503 A5968503MS A5968503SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			% RPD	QC LIMITS	
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg		RPD	REC.
WET CHEMISTRY ANALYSIS AFCEE - METHOD 130.2 - TOTAL HARDNESS	MG/L	560.0	1260	1300	800.0	800.0	88 *	92	90	4	20.0	91-112

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

STL Buffalo

Chronology and QC Summary Package

Client ID		VBLK01		VBLK15					
Job No	Lab ID	A05-9644	A5964406	A05-9644	A5964404				
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/L	ND	5.0	ND	5.0	NA		NA	
Benzene	UG/L	ND	1.0	ND	1.0	NA		NA	
Bromodichloromethane	UG/L	ND	1.0	ND	1.0	NA		NA	
Bromoform	UG/L	ND	1.0	ND	1.0	NA		NA	
Bromomethane	UG/L	ND	1.0	ND	1.0	NA		NA	
2-Butanone	UG/L	ND	5.0	ND	5.0	NA		NA	
Carbon Disulfide	UG/L	ND	1.0	ND	1.0	NA		NA	
Carbon Tetrachloride	UG/L	ND	1.0	ND	1.0	NA		NA	
Chlorobenzene	UG/L	ND	1.0	ND	1.0	NA		NA	
Chloroethane	UG/L	ND	1.0	ND	1.0	NA		NA	
Chloroform	UG/L	ND	1.0	ND	1.0	NA		NA	
Chloromethane	UG/L	ND	1.0	ND	1.0	NA		NA	
Cyclohexane	UG/L	ND	1.0	ND	1.0	NA		NA	
1,2-Dibromoethane	UG/L	ND	1.0	ND	1.0	NA		NA	
Dibromochloromethane	UG/L	ND	1.0	ND	1.0	NA		NA	
1,2-Dibromo-3-chloropropane	UG/L	ND	1.0	ND	1.0	NA		NA	
1,2-Dichlorobenzene	UG/L	ND	1.0	ND	1.0	NA		NA	
1,3-Dichlorobenzene	UG/L	ND	1.0	ND	1.0	NA		NA	
1,4-Dichlorobenzene	UG/L	ND	1.0	ND	1.0	NA		NA	
Dichlorodifluoromethane	UG/L	ND	1.0	ND	1.0	NA		NA	
1,1-Dichloroethane	UG/L	ND	1.0	ND	1.0	NA		NA	
1,2-Dichloroethane	UG/L	ND	1.0	ND	1.0	NA		NA	
1,1-Dichloroethene	UG/L	ND	1.0	ND	1.0	NA		NA	
cis-1,2-Dichloroethene	UG/L	ND	1.0	ND	1.0	NA		NA	
trans-1,2-Dichloroethene	UG/L	ND	1.0	ND	1.0	NA		NA	
1,2-Dichloropropane	UG/L	ND	1.0	ND	1.0	NA		NA	
cis-1,3-Dichloropropene	UG/L	ND	1.0	ND	1.0	NA		NA	
trans-1,3-Dichloropropene	UG/L	ND	1.0	ND	1.0	NA		NA	
Ethylbenzene	UG/L	ND	1.0	ND	1.0	NA		NA	
2-Hexanone	UG/L	ND	5.0	ND	5.0	NA		NA	
Isopropylbenzene	UG/L	ND	1.0	ND	1.0	NA		NA	
Methyl acetate	UG/L	ND	1.0	ND	1.0	NA		NA	
Methylcyclohexane	UG/L	ND	1.0	ND	1.0	NA		NA	
Methylene chloride	UG/L	ND	1.0	ND	1.0	NA		NA	
4-Methyl-2-pentanone	UG/L	ND	5.0	ND	5.0	NA		NA	
Methyl-t-Butyl Ether (MTBE)	UG/L	ND	1.0	ND	1.0	NA		NA	
Styrene	UG/L	ND	1.0	ND	1.0	NA		NA	
1,1,2,2-Tetrachloroethane	UG/L	ND	1.0	ND	1.0	NA		NA	
Tetrachloroethene	UG/L	ND	1.0	ND	1.0	NA		NA	
Toluene	UG/L	ND	1.0	ND	1.0	NA		NA	
1,2,4-Trichlorobenzene	UG/L	ND	1.0	ND	1.0	NA		NA	
1,1,1-Trichloroethane	UG/L	ND	1.0	ND	1.0	NA		NA	
1,1,2-Trichloroethane	UG/L	ND	1.0	ND	1.0	NA		NA	

NA = Not Applicable ND = Not Detected

Date: 09/28/2005
Time: 08:19:44

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

Rept: AN1247

Client ID		VBLK01		VBLK15					
Job No	Lab ID	A05-9644	A5964406	A05-9644	A5964404				
Sample Date									
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-trifluor	UG/L	ND	1.0	ND	1.0	NA		NA	
Trichlorofluoromethane	UG/L	ND	1.0	ND	1.0	NA		NA	
Trichloroethene	UG/L	ND	1.0	ND	1.0	NA		NA	
Vinyl chloride	UG/L	ND	1.0	ND	1.0	NA		NA	
Total Xylenes	UG/L	ND	3.0	ND	3.0	NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	97	50-200	89	50-200	NA		NA	
1,4-Difluorobenzene	%	100	50-200	92	50-200	NA		NA	
1,4-Dichlorobenzene-D4	%	86	50-200	79	50-200	NA		NA	
Toluene-D8	%	91	76-122	90	76-122	NA		NA	
p-Bromofluorobenzene	%	84	73-120	84	73-120	NA		NA	
1,2-Dichloroethane-D4	%	94	72-143	93	72-143	NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Client ID Job No Sample Date	Lab ID	Method Blank A05-9644	A5B1372304						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Total Hardness	MG/L	ND	2.0	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Client Sample ID: VBLK01 MSB01
Lab Sample ID: A5964406 A5964405

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8260 - TCL VOLATILE ORGANICS					
1,1-Dichloroethene	UG/L	22.7	25.0	91	65-142
Trichloroethene	UG/L	23.0	25.0	92	71-120
Benzene	UG/L	22.8	25.0	92	67-126
Toluene	UG/L	23.1	25.0	93	69-120
Chlorobenzene	UG/L	23.4	25.0	94	73-120

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

Client Sample ID: VBLK15 MSB15
Lab Sample ID: A5964404 A5964403

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8260 - TCL VOLATILE ORGANICS					
1,1-Dichloroethene	UG/L	23.9	25.0	96	65-142
Trichloroethene	UG/L	24.6	25.0	99	71-120
Benzene	UG/L	25.5	25.0	102	67-126
Toluene	UG/L	24.9	25.0	100	69-120
Chlorobenzene	UG/L	24.2	25.0	97	73-120

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

Client Sample ID: Method Blank LCS
Lab Sample ID: A5B1372304 A5B1372303

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 130.2 - TOTAL HARDNESS AS CACO3	MG/L	200.0	184.0	109	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 A05-9644 A5964401	Influent A05-9644 A5964402			
Sample Date	09/06/2005 13:10	09/06/2005 13:00			
Received Date	09/06/2005 13:35	09/06/2005 13:35			
Extraction Date					
Analysis Date	09/17/2005 01:17	09/17/2005 15:02			
Extraction HT Met?	-	-			
Analytical HT Met?	YES	YES			
Sample Matrix	WATER	WATER			
Dilution Factor	1.0	20.0			
Sample wt/vol	0.005 LITERS	0.005 LITERS			
% Dry					

NA = Not Applicable

METHOD 8260 - TCL VOLATILE ORGANICS

Job	Client Sample ID / No & Lab Sample ID	VBLK01 A05-9644 A5964406	VBLK15 A05-9644 A5964404			
Sample Date						
Received Date						
Extraction Date		09/16/2005 16:38	09/17/2005 12:17			
Analysis Date		-	-			
Extraction HT Met?		-	-			
Analytical HT Met?		WATER	WATER			
Sample Matrix		1.0	1.0			
Dilution Factor		0.005 LITERS	0.005 LITERS			
Sample wt/vol						
% Dry						

NA = Not Applicable

Lab ID	Sample ID	Lab	Analyte	Method	DF	Sample wt/vol g/L	Sample Date	Receive Date	TCLP Date	TH	Analysis Date	ANL INI	AH	Matrix
A5964401	Effluent	RECNY	pH	150.1	1.0		09/06/05 13:10	09/06 13:35	NA		09/07 10:19	LRM	Y	WATER
		RECNY	Total Hardness	130.2	1.0		09/06/05 13:10	09/06 13:35	NA		09/08 14:30	LRM	Y	WATER
A5964402	Influent	RECNY	pH	150.1	1.0		09/06/05 13:00	09/06 13:35	NA		09/07 10:19	LRM	Y	WATER
		RECNY	Total Hardness	130.2	1.0		09/06/05 13:00	09/06 13:35	NA		09/08 14:30	LRM	Y	WATER

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

ANL INI = Analyst Initials
DF = Dilution Factor

Lab ID	Sample ID	Lab	Analyte	Method	DF	Sample wt/vol g/L	Sample Date	Receive Date	TCLP Date	TH	Analysis Date	ANL INI	AH	Matrix
A5B1372304	Method Blank	RECNY	Total Hardness	130.2	1.0		-	-	NA		09/08 14:30	LRM	Y	WATER

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

ANL INI = Analyst Initials
DF = Dilution Factor

Chain of Custody Record

SEVERN TRENT STL
Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
Ecology & Environment Inc.	Mike Steffan	9/6/05	210076
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
368 Pleasantview Dr.	(716) 684-8060		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Lancaster / NY / 14086	Mike Steffan		
Project Name and Location (State)	**Carrier/Waybill Number**		
Mr. C's Monthly East Aurora, NY	Hand Delivered (Dr M. Eth.)		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	Analysis: pH 150.1	Total Hardness 130.2	TCL VOC 524.2	Special Instructions/ Conditions of Receipt
Influent	9/6/05	1300		X			1		1	3			1	1	3	
Effluent	9/6/05	1310		X			1		1	3			1	1	3	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☒ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	9/6/05	1335	1. Received By STL BUFFALO	9/6/05	1335
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: 5.2°C

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

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Attachment C
Summary of Site Utility Costs and Projections
October 2004 to September 2005

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

ATTACHMENT C

NYSDEC Work Assignment #27.5

12 Months of System Operation and Maintenance

September 2005 Report

Utility Budget:	
Electric:	$24,024.00
Telephone:	$680.00
Gas	$1,100.00
Total:	$25,804.00

Gas and Electric

Utility Provider	Account #	E&E Cost Center	Description	October '04	November	December	January '05	February	March '05	April '05	May '05	
New York State E&G	06-311-11-002	000699.NY06.05	Mr. C's Electric Costs	$ 1,016.84	$ 1,531.47	$ 1,681.89	$ 1,863.21	$ 1,835.14	$ 2,002.24	$ 1,619.14	$ 1,538.09	
New York State E&G	76-311-11-015900-18		Agway Site - Electric									
National Fuel Gas	5819628-05	000699.NY06.05	Mr. C's Natural Gas Costs	$ -	$ -	$ -	$ 39.23	$ 481.04	$ 184.90	$ 300.38	$ 94.77	
			Totals	**$ 1,016.84**	**$ 1,531.47**	**$ 1,681.89**	**$ 1,902.44**	**$ 2,316.18**	**$ 2,187.14**	**$ 1,919.52**	**$ 1,632.86**	

	June '05	July '05	August '05	September	October	November	December		Ave. /Month
Mr. C's Electric Costs	$ 111.38	$ 1,355.04	$ 1,793.04	$ 1,768.60	$ 1,871.38				$ 1,537.50
Agway Electric		$ 94.84	$ 368.17	$ 235.52	$ 294.32				$ 174.63
Mr. C's Natural Gas Costs	$ -	$ -							$ 220.06
Totals	**$ 111.38**	**$ 1,449.88**	**$ 2,161.21**	**$ 2,004.12**	**$ 2,165.70**	**$ -**	**$ -**		**$ 1,932.19**

Electric	$ 19,987.46
Natural Gas	$ 1,100.32
Grand Total - NYSE&G/National Fuel Gas Costs To Date	**$ 21,087.78**

Overbilled natural gas costs

Estimated Reading

Phone

Utility Provider	Phone #	E&E Cost Center	Location Description	October '04	November	December	January '05	February '05	March '05	April '05	May '05
Verizon	716-652-0094	000699.NY06.05	Mr. C's Telephone Costs	$ 39.56	$ 38.76	$ 39.10	$ 39.08	$ 38.66	$ 38.89	$ 38.64	$ 38.97
Account#											
716 652 0094 416 26 2											

June '05	July '05	August	September	October	November	December		Ave./Month
$ 40.49	$ 39.29	$ 38.51						$ 39.09

Grand Total - Verizon Costs to Date	**$ 352.34**
Grand Total All Utilities To Date	**$ 21,440.12**

****This includes initial connection fees for the phone company of approximately $180.

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

ATTACHMENT C

NYSDEC Work Assignment #27.4

12 Months of System Operation and Maintenance

Budget Remaining:		
Electric:	$4,036.54	
Telephone:	$327.66	
Gas	-$0.32	
Total:	$4,363.88	

Monthly Treatment System Operational Time by O&M Services

O&M Months Remaining: 2

Month	Possible OP Hours	Actual OP Hours	Up-Time Percent	Percent Capacity*	General Operation Comments
September-03	96	96	100.00%	58%	Shutdown by Tyree after Separable Part B inspection
October-03	168	168	100.00%	6%	Official Startup by O&M Enterprises on 10/22/03
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	97.62%	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 stsrted 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.
Totals to Date	**17328**	**16673**	**96.22%**		Based on OM services provided by EEEPC/OMEI since 9/03.

* 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 (11/04 to 11/05)

	Ave./Month			
Mr. C's Electric	$ 1,537.50			
Agway Electric	$ 174.63			
Mr. C's Gas	$ 220.06			
Mr. C's Telephone	$ 39.09			
Ave. Utility Cost Total	$ 1,971.28	times	12 month Estimate	$25,626.64