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

February 4, 2005

FEB - 1 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 # D004180, Site # 9-15-157
January 2005 O&M Report

Dear Mr. Chiusano:

Ecology and Environment Engineering, P.C. (EEEPC) is pleased to provide this January 2005 Operation and Maintenance (O&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 EEEPC's Analytical Services Center (ASC) are provided as Attachments B1 and B2. 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.

In review of the on-site treatment system operation, EEEPC offers the following comments and highlights:

Operational Summary

- The system was operational for 100% of the period between 12/27/04 and 1/31/05. 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 January 2005 indicate that approximately 1,798,238 gallons of groundwater were processed through the treatment system from 12/27/04 through 1/31/05. Table 2 provides a summary of groundwater volume treated since system start-up. Historical volumes are based on totalizer readings provided by the contractor's weekly inspection forms.
- Piezometer measurements were collected on 1/3/05 at the time of compliance sampling and on 1/31/05. These readings are provided in the weekly inspection reports provided in Attachment A. OMEI had difficulties obtaining piezometer readings due to deep snow piled over some of the off-site piezometers.
- Filters in the bag filter unit were replaced during weekly inspections on 1/17/05 and 1/24/05.

- Checklists for weekly system inspections from OMEI are provided as Attachment A for 1/3/05, 1/10/05, 1/17/05, 1/24/05 and 1/31/05. Weekly system checks indicate that all operating equipment appear to be operating within normal ranges with any exceptions noted above.
- The 2 granular carbon vessels were removed on Friday, January 14, 2005 and shipped to another NYSDEC site in Long Island, NY. Confirmation of delivery was received by EEEPC on Monday, January 7, 2005.
- A copy of the site utility costs from EEEPC operations from October 2004 to date is provided as Attachment C.

Analytical Summary - Groundwater

- EEEPC and OMEI personnel collected weekly samples of influent and effluent groundwater on three separate occasions during the reporting period (12/19/04, 1/3/05 and 1/14/05) as part of the corrective action in response to the tetrachloroethene (PCE) discharge exceedance that occurred in November 2004. The groundwater samples collected on 12/29/04 and 1/14/04 were analyzed for VOCs only. The monthly groundwater compliance samples collected 1/3/05 were analyzed for volatile organic compounds (VOCs), metals, total suspended solids (TSS), total dissolved solids (TDS), and hardness. At the request of the Department the lowest possible method detection limits were used for the analysis. The results are discussed below.
- The VOCs detected in the influent and effluent groundwater during the January 2005 sampling events are presented in Table 3.
- The January analytical results indicate that the treated groundwater effluent was in compliance with the Effluent Limitation Requirements for all VOCs and all metals. Total Dissolved Solids (TDS) were detected above the compliance concentration of 850 mg/L for the month of January 2005. A comparison between the January 2005 analytical results and the Effluent Limitation Requirements for the site are provided in Table 4.
- Approximately 18.3 pounds of VOCs were removed from the influent groundwater based on calculations using the average of the 3 effluent discharge analytical results during the reporting period. A summary of the calculated removal volumes is located in Table 5. These values are calculated based on 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. These calculations indicate that approximately 814 pounds of VOCs have been removed from the groundwater at the site since system start-up in September 2002.
- Pursuant to Greg Sutton's email of January 14, 2005, metals, total suspended solids (TSS), total dissolved solids (TDS) and cyanide have been deleted from the compliance sampling and analytical program. Future monthly deliverables were requested to be submitted electronically to Dave Szymanski with only the cover letter and tables transmitted by hard copy.

- No further air sampling for compliance monitoring will be performed. The vapor phase carbon units have been taken off-line from the treatment system and shipped offsite to another NYSDEC location.
- Analytical results for the February 2005 O&M period will be provided by Severn Trent Laboratories, Inc. of Amherst, NY. The change in analytical laboratories is a result of the closure of EEEPC's ASC on January 31, 2005.

If you have any questions regarding the January 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%
Average Operational Up-time =		93.47%

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 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
	TOTAL GALLONS	**53,150,680**

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
December 2004 VOC Analytical Summary

Compound	January 3, 2005			January 14, 2005			January Averages	
	Influent Concentration (µg/L)	Effluent Concentration (µg/L)	Cleanup Efficiency (%)	Influent Concentration (µg/L)	Effluent Concentration (µg/L)	Cleanup Efficiency (%)	Influent Concentration (µg/L)	Effluent Concentration (µg/L)
2-Butanone	ND (<250)	6.24	NA	ND (<250)	6.83	NA	ND (<250)	6.54
4-Methyl-2-pentanone	ND (<250)	1.94 J	NA	ND (<250)	0.762 J	NA	ND (<250)	1.35
Acetone	ND (<250)	26.6	NA	ND (<250)	29.5	NA	ND (<250)	28.1
cis-1,2-Dichloroethene	ND (<50.0)	ND (<1.00)	NA	5.00 J	ND (<1.00)	100%	2.50	ND (<1.00)
Ethylbenzene	ND (<50.0)	ND (<1.00)	NA	ND (<50.0)	ND (<1.00)	NA	ND (<50.0)	ND (<1.00)
Methyl tert-butyl ether	9.60 J	0.496 J	94.8%	11.2 J	0.649 J	94%	10.4	0.573
Methylene chloride	ND (<50.0)	0.630 J	NA	ND (<50.0)	0.677 J	NA	ND (<50.0)	0.654
Styrene	ND (<50.0)	0.122 J	NA	ND (<50.0)	ND (<1.00)	NA	ND (<50.0)	0.061
Tetrachloroethene	1220	9.36	99.2%	1220	8.55	99%	1220	8.96
Toluene	ND (<50.0)	0.540 J	NA	ND (<50.0)	0.336 J	NA	ND (<50.0)	0.438
Trichloroethene	30.3 J	0.858 J	97.2%	31.3 J	0.316 J	99%	30.8	0.587
Xylenes, Total	ND (<50.0)	0.506 J	NA	ND (<50.0)	ND (<1.00)	NA	ND (<50.0)	0.253
						TOTAL =	1264	47.5

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.

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

Parameter	Daily Maximum[1]	Units	January 3, 2005 Effluent Analytical Values	January 14, 2005 Effluent Analytical Values
Flow	216,000	gpd	51,378.2	
pH	6.0 - 9.0	standard units	8.23	NA
1,1 Dichloroethene	10	µg/L	ND (<1.00)	ND (<1.00)
1,2 Dichloroethane	10	µg/L	ND (<1.00)	ND (<1.00)
Trichloroethene	10	µg/L	0.858 J	0.316 J
Tetrachloroethene	10	µg/L	9.4	8.55
Vinyl Chloride	10	µg/L	ND (<1.00)	ND (<1.00)
Benzene	5	µg/L	ND (<1.00)	ND (<1.00)
Ethyl Benzene	5	µg/L	ND (<1.00)	ND (<1.00)
Methylene Chloride	10	µg/L	0.630 J	0.677 J
1,1,1 Trichloroethane	10	µg/L	ND (<1.00)	ND (<1.00)
Toluene	5	µg/L	0.540 J	0.336 J
o-Xylene[3]	5	µg/L	0.506 J	ND (<1.00)
m, p-Xylene[3]	10	µg/L	0.506 J	ND (<1.00)
Iron, total	600	µg/L	229	NA
Aluminum	4,000	µg/L	ND (<200)	NA
Copper	48	µg/L	ND (<20.0)	NA
Lead	11	µg/L	ND (<5.00)	NA
Manganese	2,000	µg/L	183	NA
Silver	100	µg/L	ND (<10.0)	NA
Vanadium	28	µg/L	ND (<20.0)	NA
Zinc	230	µg/L	ND (<20.0)	NA
Total Dissolved Solids	850	mg/L	1100	NA
Total Suspended Solids	20	mg/L	11	NA
Cyanide, Free	10	µg/L	ND (<10)	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.

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
Total pounds of VOCs removed from inception =				**814.7**

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.
Total VOCs summations include estimated "J" values.
3. Calculations are based on totalizer readings.
4. "Influent VOCs" and "Effluent VOCs" values given above is the summation of values for individual compounds given in monthly analytical reports.
5. No samples were collected in September 2003. August 2003 values are used.
6. Treatment system operated by Tyree Organization, Ltd. from 9/02 to 9/03.
7. Treatment system operated by O&M Enterprises from 10/03 to present.
8. 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:
(1264 ug/L-47.5ug/L)(1g/10^6 ug)*(1 lb/453.5924 g)*1,798,238 gallons*(3.785 L/gallon) ~ 18.6 lbs*

where 1,798,238 gallons is the monthly process water volume.

Attachment A
OMEI Weekly Inspection Reports
January 2005

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

Date/Time 1\3\05 8:54

Inspection personnel RC Becken

Other personnel on site Greg Jones

Weather Conditions overcast foggy 40 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	7	ft
PW-4	(ON)	OFF	5	ft
PW-5	(ON)	OFF	7	ft
PW-6	(ON)	OFF	3	ft
PW-7	(ON)	OFF	8	ft
PW-8	(ON)	OFF	6	ft
	Equalization tank		4	ft

Influent Flow Rate 77.02 gpm

Influent Totalizer Reading 9219941 gallons

Sequestering agent drum level 0 ft-in

Amount of sequestering agent remaining 0 gallons

Sequestering agent feed rate 0 gpm

Sequestering agent metering Pump Pressure 0 psi

Bag filter top pressure 2 psi

Bag filter bottom pressure Jan-00 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 0.15 inches H_2O

Air stripper vacuum 3 inches H_2O

Pressure in sump of stripp
22"H20

Effluent feed pump in use (#1) #2

Effluent feed pump pressure 9 psi

Effluent flow rate ~90 gpm

Effluent Totalizer reading 54160300 gallons

Are building heaters in use? (YES) NO

Ambient air temperature 55 degrees F

Are any leaks present? YES (NO)

Is sump pump in use? YES (NO)

Water level in sump 2"

Is treatment building clean and organized? (YES) NO

Samples collected? (YES) NO

	Sample ID	Time of Sampling	pH	Turbidity	Temp.
Air stripper influent		11:00	7.81	1.61	54.6
Air stripper effluent		11:00	8.23	3.04	55.5
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:

Describe any other system maintenance performed

Water levels done.

Signature

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

Date 1/3/2005 Measurements taken by RC Becken

RW-1	23.2	ft	Comments	
PZ-1A	11.46	ft	Comments	
PZ-1B	11.1	ft	Comments	
PZ-1C	12.24	ft	Comments	
PZ-1D		ft	Comments	car parked on well
PW-2	24.4	ft	Comments	
PZ-2A	10.89	ft	Comments	
PZ-2B	11.2	ft	Comments	
PZ-2C	10.7	ft	Comments	
PZ-2D		ft	Comments	well filled
PW-3	21.35	ft	Comments	
PZ-3A	11.4	ft	Comments	
PZ-3B	11.43	ft	Comments	
PZ-3C	11.92	ft	Comments	
PZ-3D	11.41	ft	Comments	
PW-4	23.45	ft	Comments	
PZ-4A	11.61	ft	Comments	
PZ-4B	10.96	ft	Comments	
PZ-4C	11.15	ft	Comments	
PZ-4D	10.43	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 1\3\05 Measurements taken by RCB

PW-5	20.51	ft	Comments
PZ-5A	10.62	ft	Comments
PZ-5B	10.67	ft	Comments
PZ-5C	10.26	ft	Comments
PZ-5D	11.05	ft	Comments
PW-6	19.1	ft	Comments
PZ-6A	11.36	ft	Comments
PZ-6B	11.17	ft	Comments
PZ-6C	11.51	ft	Comments
PZ-6D	11.08	ft	Comments
PW-7	18.1	ft	Comments
OW-B	11.11	ft	Comments
PZ-7B	11.61	ft	Comments
MPI-6S	10.72	ft	Comments
PZ-7D	11.06	ft	Comments
PW-8	21.1	ft	Comments
PZ-8A	7.98	ft	Comments
PZ-8B	7.9	ft	Comments
PZ-8C	7.48	ft	Comments
PZ-8D	7.77	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

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

Date/Time 1\3\05 8:54

Inspection personnel RC Becken

Other personnel on site Greg Jones

Weather Conditions overcast foggy 40 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	7	ft
PW-4	(ON)	OFF	5	ft
PW-5	(ON)	OFF	7	ft
PW-6	(ON)	OFF	3	ft
PW-7	(ON)	OFF	8	ft
PW-8	(ON)	OFF	6	ft
	Equalization tank		4	ft

Influent Flow Rate 77.02 gpm

Influent Totalizer Reading 9219941 gallons

Sequestering agent drum level 0 ft-in

Amount of sequestering agent remaining 0 gallons

Sequestering agent feed rate 0 gpm

Sequestering agent metering Pump Pressure 0 psi

Bag filter top pressure 2 psi

Bag filter bottom pressure 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 0.15 inches H_2O

Air stripper vacuum 3 inches H_2O

Pressure in sump of stripp
22"H20

Effluent feed pump in use (#1) #2

Effluent feed pump pressure 9 psi

Effluent flow rate ~90 gpm

Effluent Totalizer reading 54160300 gallons

Are building heaters in use? (YES) NO

Ambient air temperature 55 degrees F

Are any leaks present? YES (NO)

Is sump pump in use? YES (NO)

Water level in sump 2"

Is treatment building clean and organized? (YES) NO

Samples collected? (YES) NO

	Sample ID	Time of Sampling	pH	Turbidity	Temp.
Air stripper influent		11:00	7.81	1.61	54.6
Air stripper effluent		11:00	8.23	3.04	55.5
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: _____

Describe any other system maintenance performed

Water levels done.

Signature _____

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

Date 1/3/2005 Measurements taken by RC Becken

RW-1	23.2	ft	Comments	
PZ-1A	11.46	ft	Comments	
PZ-1B	11.1	ft	Comments	
PZ-1C	12.24	ft	Comments	
PZ-1D		ft	Comments	car parked on well
PW-2	24.4	ft	Comments	
PZ-2A	10.89	ft	Comments	
PZ-2B	11.2	ft	Comments	
PZ-2C	10.7	ft	Comments	
PZ-2D		ft	Comments	well filled
PW-3	21.35	ft	Comments	
PZ-3A	11.4	ft	Comments	
PZ-3B	11.43	ft	Comments	
PZ-3C	11.92	ft	Comments	
PZ-3D	11.41	ft	Comments	
PW-4	23.45	ft	Comments	
PZ-4A	11.61	ft	Comments	
PZ-4B	10.96	ft	Comments	
PZ-4C	11.15	ft	Comments	
PZ-4D	10.43	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 1\3\05 Measurements taken by RCB

PW-5	20.51	ft	Comments
PZ-5A	10.62	ft	Comments
PZ-5B	10.67	ft	Comments
PZ-5C	10.26	ft	Comments
PZ-5D	11.05	ft	Comments
PW-6	19.1	ft	Comments
PZ-6A	11.36	ft	Comments
PZ-6B	11.17	ft	Comments
PZ-6C	11.51	ft	Comments
PZ-6D	11.08	ft	Comments
PW-7	18.1	ft	Comments
OW-B	11.11	ft	Comments
PZ-7B	11.61	ft	Comments
MPI-6S	10.72	ft	Comments
PZ-7D	11.06	ft	Comments
PW-8	21.1	ft	Comments
PZ-8A	7.98	ft	Comments
PZ-8B	7.9	ft	Comments
PZ-8C	7.48	ft	Comments
PZ-8D	7.77	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

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

Date/Time 1\10\05 9:05

Inspection personnel RC Becken

Other personnel on site Jim Mays

Weather Conditions overcast 35 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	5	ft
PW-2	(ON)	OFF	6	ft
PW-3	(ON)	OFF	5	ft
PW-4	(ON)	OFF	4	ft
PW-5	(ON)	OFF	5	ft
PW-6	(ON)	OFF	5	ft
PW-7	(ON)	OFF	8	ft
PW-8	(ON)	OFF	7	ft
	Equalization tank		4	ft

Influent Flow Rate 67 gpm

Influent Totalizer Reading 9856936 gallons

Sequestering agent drum level 0 ft-in

Amount of sequestering agent remaining 0 gallons

Sequestering agent feed rate 0 gpm

Sequestering agent metering Pump Pressure 0 psi

Bag filter top pressure 5 psi

Bag filter bottom pressure Jan-00 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 0.15 inches H_2O

Air stripper vacuum 3 inches H_2O Sump air pressure 22" H2O

Effluent feed pump in use (#1) #2

Effluent feed pump pressure 11 psi

Effluent flow rate ~90 gpm

Effluent Totalizer reading 5784700 gallons

Are building heaters in use? (YES) NO

Ambient air temperature 54 degrees F

Are any leaks present? YES (NO)

Is sump pump in use? YES (NO)

Water level in sump 2"

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:

Describe any other system maintenance performed

Changed filter, installed fernco caps on inlet and outlet fittings on carbon vessels, vessels are now sealed and ready for shipment.

Signature

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

Date/Time 1\17\05 9:00

Inspection personnel RC Becken

Other personnel on site

Weather Conditions sunny 14 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	5	ft
PW-2	(ON)	OFF	5	ft
PW-3	(ON)	OFF	5	ft
PW-4	(ON)	OFF	3	ft
PW-5	(ON)	OFF	3	ft
PW-6	(ON)	OFF	3	ft
PW-7	(ON)	OFF	8	ft
PW-8	(ON)	OFF	5	ft
	Equalization tank		4	ft

Influent Flow Rate 58.1 gpm

Influent Totalizer Reading 488884 gallons

Sequestering agent drum level 0 ft-in

Amount of sequestering agent remaining 0 gallons

Sequestering agent feed rate 0 gpm

Sequestering agent metering Pump Pressure 0 psi

Bag filter top pressure 5 psi

Bag filter bottom pressure 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 0.16 inches H_2O

Air stripper vacuum 3 inches H_2O air pressure in sump 20" H2O

Effluent feed pump in use (#1) #2

Effluent feed pump pressure 10 psi

Effluent flow rate ~90 gpm

Effluent Totalizer reading 6150581 gallons

Are building heaters in use? (YES) NO

Ambient air temperature 52 degrees F

Are any leaks present? YES (NO)

Is sump pump in use? YES (NO)

Water level in sump 3"

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: _____

Describe any other system maintenance performed
Changed filters, flow increased to 80 gpm, cleaned treatment plant floor.

Signature _____

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

Date/Time 1\24\05 1300

Inspection personnel RC Becken

Other personnel on site

Weather Conditions snow 17 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	6	ft
PW-2	(ON)	OFF	6	ft
PW-3	(ON)	OFF	7	ft
PW-4	(ON)	OFF	7	ft
PW-5	(ON)	OFF	3	ft
PW-6	(ON)	OFF	3	ft
PW-7	(ON)	OFF	6	ft
PW-8	(ON)	OFF	5	ft
	Equalization tank		4	ft

Influent Flow Rate 66.31 gpm

Influent Totalizer Reading 1122849 gallons

Sequestering agent drum level 0 ft-in

Amount of sequestering agent remaining 0 gallons

Sequestering agent feed rate 0 gpm

Sequestering agent metering Pump Pressure 0 psi

Bag filter top pressure 8 psi

Bag filter bottom pressure 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 0.14 inches H_2O

Air stripper vacuum 3 inches H_2O 21" H20 in stripper sump

Effluent feed pump in use (#1) #2

Effluent feed pump pressure 10 psi

Effluent flow rate ~90 gpm

Effluent Totalizer reading 6516100 gallons

Are building heaters in use? (YES) NO

Ambient air temperature 48 degrees F

Are any leaks present? YES (NO)

Is sump pump in use? YES (NO)

Water level in sump 2"

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: _____

Describe any other system maintenance performed
Changed filters, afterwhich influent flow increas ed to 70.72 gpm

Signature _____

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

Date/Time 1\31\05 9:00

Inspection personnel RC Becken

Other personnel on site

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

Influent Flow Rate 54.04 gpm

Influent Totalizer Reading 1693312 gallons

Sequestering agent drum level 0 ft-in

Amount of sequestering agent remaining 0 gallons

Sequestering agent feed rate 0 gpm

Sequestering agent metering Pump Pressure 0 psi

Bag filter top pressure 0 psi

Bag filter bottom pressure 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 0.15 inches H_2O

Air stripper vacuum 3 inches H_2O 22" H2O pressure in stripper sump

Effluent feed pump in use (#1) #2

Effluent feed pump pressure 9 psi

Effluent flow rate ~90 gpm

Effluent Totalizer reading 6845867 gallons

Are building heaters in use? (YES) NO

Ambient air temperature 50 degrees F

Are any leaks present? (YES) NO

Is sump pump in use? YES (NO)

Water level in sump 3"

Is treatment building clean and organized? (YES) NO

Samples collected? (YES) NO

	Sample ID	Time of Sampling	pH	Turbidity	Temp.
Air stripper influent		11:45	7.12	1.98	51.4
Air stripper effluent			7.96	1.68	53.6
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:

Very minor leakage from sripper tray seals.

Describe any other system maintenance performed

Collected water levels, many wells buried in snow.

Signature

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

Date 1/31/2005 Measurements taken by RC Becken

RW-1	22.8	ft	Comments	
PZ-1A	11.53	ft	Comments	
PZ-1B	11.31	ft	Comments	
PZ-1C	12.45	ft	Comments	
PZ-1D		ft	Comments	car parked on well
PW-2	22.9	ft	Comments	
PZ-2A	11.2	ft	Comments	
PZ-2B		ft	Comments	well buried in snow
PZ-2C	11.1	ft	Comments	
PZ-2D		ft	Comments	well filled
PW-3		ft	Comments	well buried in snow
PZ-3A		ft	Comments	well buried in snow
PZ-3B		ft	Comments	well buried in snow
PZ-3C		ft	Comments	well buried in snow
PZ-3D		ft	Comments	well buried in snow
PW-4	20.45	ft	Comments	
PZ-4A	11.76	ft	Comments	
PZ-4B	11.25	ft	Comments	
PZ-4C	11.46	ft	Comments	
PZ-4D	10.84	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 1/31/2005 Measurements taken by RC Becken

PW-5	22.21	ft	Comments	
PZ-5A	10.93	ft	Comments	
PZ-5B	11.01	ft	Comments	
PZ-5C		ft	Comments	couldn't find under snow
PZ-5D		ft	Comments	couldn't find under snow
PW-6	18.15	ft	Comments	
PZ-6A	11.7	ft	Comments	
PZ-6B	11.54	ft	Comments	
PZ-6C	11.8	ft	Comments	
PZ-6D	11.46	ft	Comments	
PW-7	19.5	ft	Comments	
MPI-6S	11.14	ft	Comments	
PZ-7B	11.88	ft	Comments	
OCW	11.5	ft	Comments	
PZ-7D	11.35	ft	Comments	
PW-8	23.5	ft	Comments	
PZ-8A	8.33	ft	Comments	
PZ-8B	8.24	ft	Comments	
PZ-8C	7.64	ft	Comments	
PZ-8D	7.93	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 B1
Selected pages from
ASC Analytical Data Package #0501014
January 3, 2005

analytical services center
International Specialists in Environmental Analysis
4493 Walden Avenue, Lancaster, New York 14086
ecology and environment, inc.
Tel: 716/685-8080, 800/327-6534 • Fax: 716/685-0852 • Email: asc@ene.com

ACCREDITED IN ACCORDANCE WITH NELAC

January 17, 2005

Mr. Mike Steffan
E and E Buffalo Office
368 Pleasant View Dr.
Lancaster, NY 14086

RE: Mr. Cs Dry Cleaners
CostPoint ID: **000699.NY06.05..**

Work Order No.: **0501014**

Dear Mr. Mike Steffan,

Analytical Services Center received 2 samples on Monday, January 03, 2005 for the analyses presented in the following report.

The ASC certifies that the test results in this report meet all requirements of NELAC for which it holds certification except as noted in this narrative and/or as flagged in the report.

The ASC is accredited in the Fields of Testing Potable water (SDWA), Solid and Chemical Materials (Solid Hazardous Wastes, RCRA), Water (CWA and other non-potable water) and Air and Emissions. Its primary accrediting authorities are New York State Department of Health and Florida Department of Health. The particular analytes/methods certified may be ascertained by requesting the laboratory's current certificates from your laboratory Project Manager .

E & E will retain the samples addressed in this report for 30 days, unless otherwise instructed by the client. If additional storage is requested, the storage fee is $1.00 per sample container per month, to accrue until the client authorizes sample destruction.

Sincerely,

Barbara Krajewski

Barbara Krajewski
Project Manager

CC:
Enclosures as noted

This report ends on page 64

Analytical Services Center
International Specialists in Environmental Analysis
4493 Walden Avenue
a division of ecology and environment, inc. Lancaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486
Phone: (716) 685-8080

Client: E AND E BUFFALO
Project: Mr. Cs Dry Cleaners
Lab Order: 0501014

CASE NARRATIVE

GCMS VOLATILES
A DB 624 column and a trap packed with OV-1, Tenax, silica gel and activated charcoal was used for the volatile analysis.

Sample analysis
Volatile samples were determined to be at a pH of 7.
Samples were analyzed within hold time.
Sample AS Influent was analyzed at a 50-fold dilution due to the level of tetrachloroethene present.

Calibration and Tunes
Initial and continuing calibrations were acceptable.
No manual peak integration was required.

QC
Surrogate recoveries were within acceptable limits.
Method blank analysis was acceptable.
Laboratory control sample (LCS) recoveries were acceptable.
Internal standard area responses were acceptable.

METALS
Sample Analysis
The samples were digested and analyzed within hold time.

Calibrations
Calibration of the ICP utilizes a zero and one non-zero standard to determine the linear equation for quantitation. A low concentration standard (PQL) is analyzed at the reporting level.
The initial and continuing calibrations were acceptable.

QC
The calibration and preparation blank analyses were acceptable.
The matrix spike/spike duplicate (MS/MSD) recoveries and RPD values were within the control limits.
The laboratory control sample (LCS) recoveries were within the control limits.

MERCURY

Sample Analysis
The samples were digested and analyzed within hold time.

Calibrations

The initial and continuing calibrations were acceptable.

QC
The calibration and preparation blank analyses were acceptable.
The matrix spike/spike duplicate (MS/MSD) recoveries and RPD value were within the control limits.
The laboratory control sample (LCS) recovery was within the control limits.

GENERAL ANALYTICAL CHEMISTRY

Sample Analysis
Samples were analyzed within hold time.

Calibrations
Initial and continuing calibration standards were acceptable.

QC
Calibration and method blank analyses were acceptable.
Matrix duplicate, matrix spike and matrix spike duplicate (MD, MS, MSD) results were acceptable.
Laboratory control sample (LCS) recoveries were acceptable.

CHAIN OF CUSTODY RECORD

ASC analytical services center
Ecology and Environment, Inc., Analytical Services Center
4493 Walden Avenue, Lancaster, New York, 14086, Tel: 716/685-8080, Fax 716/685-0852
Where Scientific Excellence and Efficiency Meet

COC ID: _____
Cooler No: _____
Lab: ASC
Page: 1 of 1

PROJECT NO: 000699NY0605
LOCATION: (Include State) EAST AURORA, NY
CLIENT: NEW YORK STATE DEC
SITE NAME: MR. C's DRY CLEANERS
PROJECT MANAGER: MIKE STEFFAN
OFFICE No.: HQ EXT 2528
FIELD TEAM LEADER: GREG JONES
PHONE No.: 684-8060
SAMPLERS: (PRINT) RICK BECKEN

CONTAINER TYPE AND PRESERVATIVE: 40mL VOA Vial – 1; 16 oz Poly HNO3 – 3; 16 oz Poly NaOH – 1; 1L Poly – 1

TURNAROUND TIME: 24-HOUR ☐ R; 48-HOUR ☐ U; 1-WEEK ☐ S; STANDARD ☒ H; OTHER _____

REQUESTED ANALYSIS

DATE	TIME	SAMPLE ID	MATRIX CODE	CHECK FOR MS/MSD	NO. OF CONTAINERS	SAMPLE CODES	VOC's	METALS	CYANIDE	TSS, TDS, HARDNESS						OVA/HNU READINGS (PPM)	BEGINNING DEPTH (FEET BGS)	ENDING DEPTH (FEET BGS)	REMARKS
1/3/05	9:50	AS INFLUENT	GW		6	0	3	1	1	1									
1/3/05	9:56	AS EFFLUENT	GW		6	0	3	1	1	1									

Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Date/Time:	TEMPERATURE BLANK INFO.	LAB PROJECT NO.:	LAB PROJECT MANAGER:
	1/3/05		1-3-05 10:40	Enclosed: (Yes) No		
Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Date/Time:	Ship Via: Date:		
Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Date/Time:	BLA/Airbill Number:	(FOR LAB USE ONLY) Date: Time: Temperature: °C Work Order No:	

Distribution: **White**-Lab Original **Yellow**-Field Team Leader/Project Manager

F1430602.cdr

Analytical Services Center
International Specialists in Environmental Analysis
4493 Walden Avenue
a division of ecology and environment, inc. Lancaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486
Phone: (716) 685-8080

Client: E and E Buffalo Office
Lab Order: 0501014
Project: Mr. Cs Dry Cleaners

Client Sample ID: AS INFLUENT
Alt. Client ID:
Collection Date: 1/3/2005 9:50:00 AM **% Moist:**

Lab ID: 0501014-01A **Sample Type:** SAMP **Matrix:** Groundwater **Test Code:** 1_8260B_5030B_TCL_LL_W

LOW LEVEL VOCS BY METHOD 8260B **Method:** SW8260B **Prep Method:** SW5030B_LL

Analyte	Result	Q	RL	Units	DF	Date Analyzed	Run Batch ID	Analyst
1,1,1-Trichloroethane	ND		50.0	µg/L	50	1/6/2005 12:51:00 AM	LINUS_050105D	GP
1,1,2,2-Tetrachloroethane	ND		50.0	µg/L	50			
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50.0	µg/L	50			
1,1,2-Trichloroethane	ND		50.0	µg/L	50			
1,1-Dichloroethane	ND		50.0	µg/L	50			
1,1-Dichloroethene	ND		50.0	µg/L	50			
1,2,4-Trichlorobenzene	ND		50.0	µg/L	50			
1,2-Dibromo-3-chloropropane	ND		250	µg/L	50			
1,2-Dibromoethane	ND		50.0	µg/L	50			
1,2-Dichlorobenzene	ND		50.0	µg/L	50			
1,2-Dichloroethane	ND		50.0	µg/L	50			
1,2-Dichloropropane	ND		50.0	µg/L	50			
1,3-Dichlorobenzene	ND		50.0	µg/L	50			
1,4-Dichlorobenzene	ND		50.0	µg/L	50			
2-Butanone	ND		250	µg/L	50			
2-Hexanone	ND		250	µg/L	50			
4-Methyl-2-pentanone	ND		250	µg/L	50			
Acetone	ND		250	µg/L	50			
Benzene	ND		50.0	µg/L	50			
Bromodichloromethane	ND		50.0	µg/L	50			
Bromoform	ND		50.0	µg/L	50			
Bromomethane	ND		100	µg/L	50			
Carbon disulfide	ND		250	µg/L	50			
Carbon tetrachloride	ND		50.0	µg/L	50			
Chlorobenzene	ND		50.0	µg/L	50			
Chloroethane	ND		100	µg/L	50			
Chloroform	ND		50.0	µg/L	50			
Chloromethane	ND		100	µg/L	50			
cis-1,2-Dichloroethene	ND		50.0	µg/L	50			
cis-1,3-Dichloropropene	ND		50.0	µg/L	50			
Cyclohexane	ND		50.0	µg/L	50			
Dibromochloromethane	ND		50.0	µg/L	50			
Dichlorodifluoromethane	ND		250	µg/L	50			
Ethylbenzene	ND		50.0	µg/L	50			
Isopropylbenzene	ND		50.0	µg/L	50			
Methyl acetate	ND		50.0	µg/L	50			
Methyl tert-butyl ether	9.60	J	50.0	µg/L	50			

Definitions:

* - Recovery outside QC limits
B - Analyte found in Method blank
D - Diluted due to maxtrix or extended target compounds
DF - Dilution Factor
DNI - Did not Ignite
E - Result above quantitation limit (high standard or ICP linear range).
H - Value Exceeds Maximum Contaminant Level
J - Estimated value
M - Matrix Spike Recovery outside limits
N - Single Column Analysis
NC - Not Calculated
ND - Not Detected at the Reporting Limit
NP - Petroleum Pattern is not present
P - Post Spike Recovery outside limits
R - RPD outside recovery limits

Analytical Services Center
International Specialists in Environmental Analysis
4493 Walden Avenue
a division of ecology and environment, inc. Lancaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486
Phone: (716) 685-8080

Client: E and E Buffalo Office
Lab Order: 0501014
Project: Mr. Cs Dry Cleaners

Client Sample ID: AS INFLUENT
Alt. Client ID:
Collection Date: 1/3/2005 9:50:00 AM **% Moist:**

Lab ID: 0501014-01A **Sample Type:** SAMP **Matrix:** Groundwater **Test Code:** 1_8260B_5030B_TCL_LL_W

LOW LEVEL VOCS BY METHOD 8260B **Method:** SW8260B **Prep Method:** SW5030B_LL

Analyte	Result	Q	RL	Units	DF	Date Analyzed	Run Batch ID	Analyst
Methylcyclohexane	ND		50.0	µg/L	50			
Methylene chloride	ND		50.0	µg/L	50			
Styrene	ND		50.0	µg/L	50			
Tetrachloroethene	1220		50.0	µg/L	50			
Toluene	ND		50.0	µg/L	50			
trans-1,2-Dichloroethene	ND		50.0	µg/L	50			
trans-1,3-Dichloropropene	ND		50.0	µg/L	50			
Trichloroethene	30.3	J	50.0	µg/L	50			
Trichlorofluoromethane	ND		50.0	µg/L	50			
Vinyl chloride	ND		50.0	µg/L	50			
Xylenes, Total	ND		50.0	µg/L	50			
Surr:1,2-Dichloroethane-d4	95		70 - 128	%REC	50	1/6/2005 12:51:00 AM	LINUS_050105D	GP
Surr:4-Bromofluorobenzene	96		80 - 119	%REC	50			
Surr:Dibromofluoromethane	91		85 - 110	%REC	50			
Surr:Toluene-d8	90		83 - 110	%REC	50			

Definitions:

* - Recovery outside QC limits
B - Analyte found in Method blank
D - Diluted due to maxtrix or extended target compounds
DF - Dilution Factor
DNI - Did not Ignite
E - Result above quantitation limit (high standard or ICP linear range).
H - Value Exceeds Maximum Contaminant Level
J - Estimated value
M - Matrix Spike Recovery outside limits
N - Single Column Analysis
NC - Not Calculated
ND - Not Detected at the Reporting Limit
NP - Petroleum Pattern is not present
P - Post Spike Recovery outside limits
R - RPD outside recovery limits

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International Specialists in Environmental Analysis
4493 Walden Avenue
a division of ecology and environment, inc. Lancaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486
Phone: (716) 685-8080

CLIENT:	E and E Buffalo Office	**Client Sample ID:**	**AS INFLUENT**
Lab Order:	0501014	**Alt. Client ID:**	
Project:	Mr. Cs Dry Cleaners	**Collection Date:**	1/3/2005 9:50:00 AM
Lab ID:	**0501014-01A**	**Sample Type:** SAMP	**Matrix:** GROUNDWATER **% Moist:**

TENTATIVELY IDENTIFIED COMPOUNDS

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	Units	DF	Quality(%)	Date Analyzed	Run Batch ID	Analyst

LOW LEVEL VOCS BY METHOD 8260B
1_8260B_5030B_TCL_LL_W

NO TENTATIVELY IDENTIFIED COMPOUNDS

Definitions:

* - Recovery outside QC limits
B - Analyte found in Method blank
D - Diluted due to maxtrix or extended target compounds
DF - Dilution Factor
DNI - Did not Ignite
E - Result above quantitation limit (high standard or ICP linear range).
H - Value Exceeds Maximum Contaminant Level
J - Estimated value
M - Matrix Spike Recovery outside limits
N - Single Column Analysis
NC - Not Calculated
ND - Not Detected at the Reporting Limit
NP - Petroleum Pattern is not present
P - Post Spike Recovery outside limits
R - RPD outside recovery limits

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Laboratory Results

NYS ELAP ID#: 10486
Phone: (716) 685-8080

Client: E and E Buffalo Office
Lab Order: 0501014
Project: Mr. Cs Dry Cleaners

Client Sample ID: AS EFFLUENT
Alt. Client ID:
Collection Date: 1/3/2005 9:56:00 AM **% Moist:**

Lab ID: 0501014-02A **Sample Type:** SAMP **Matrix:** Groundwater **Test Code:** 1_8260B_5030B_TCL_LL_W

LOW LEVEL VOCS BY METHOD 8260B **Method:** SW8260B **Prep Method:** SW5030B_LL

Analyte	Result	Q	RL	Units	DF	Date Analyzed	Run Batch ID	Analyst
1,1,1-Trichloroethane	ND		1.00	µg/L	1	1/6/2005 12:20:00 AM	LINUS_050105D	GP
1,1,2,2-Tetrachloroethane	ND		1.00	µg/L	1			
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	µg/L	1			
1,1,2-Trichloroethane	ND		1.00	µg/L	1			
1,1-Dichloroethane	ND		1.00	µg/L	1			
1,1-Dichloroethene	ND		1.00	µg/L	1			
1,2,4-Trichlorobenzene	ND		1.00	µg/L	1			
1,2-Dibromo-3-chloropropane	ND		5.00	µg/L	1			
1,2-Dibromoethane	ND		1.00	µg/L	1			
1,2-Dichlorobenzene	ND		1.00	µg/L	1			
1,2-Dichloroethane	ND		1.00	µg/L	1			
1,2-Dichloropropane	ND		1.00	µg/L	1			
1,3-Dichlorobenzene	ND		1.00	µg/L	1			
1,4-Dichlorobenzene	ND		1.00	µg/L	1			
2-Butanone	6.24		5.00	µg/L	1			
2-Hexanone	ND		5.00	µg/L	1			
4-Methyl-2-pentanone	1.94	J	5.00	µg/L	1			
Acetone	26.6		5.00	µg/L	1			
Benzene	ND		1.00	µg/L	1			
Bromodichloromethane	ND		1.00	µg/L	1			
Bromoform	ND		1.00	µg/L	1			
Bromomethane	ND		2.00	µg/L	1			
Carbon disulfide	ND		5.00	µg/L	1			
Carbon tetrachloride	ND		1.00	µg/L	1			
Chlorobenzene	ND		1.00	µg/L	1			
Chloroethane	ND		2.00	µg/L	1			
Chloroform	ND		1.00	µg/L	1			
Chloromethane	ND		2.00	µg/L	1			
cis-1,2-Dichloroethene	ND		1.00	µg/L	1			
cis-1,3-Dichloropropene	ND		1.00	µg/L	1			
Cyclohexane	ND		1.00	µg/L	1			
Dibromochloromethane	ND		1.00	µg/L	1			
Dichlorodifluoromethane	ND		5.00	µg/L	1			
Ethylbenzene	ND		1.00	µg/L	1			
Isopropylbenzene	ND		1.00	µg/L	1			
Methyl acetate	ND		1.00	µg/L	1			
Methyl tert-butyl ether	0.496	J	1.00	µg/L	1			

Definitions:

* - Recovery outside QC limits
B - Analyte found in Method blank
D - Diluted due to maxtrix or extended target compounds
DF - Dilution Factor
DNI - Did not Ignite
E - Result above quantitation limit (high standard or ICP linear range).
H - Value Exceeds Maximum Contaminant Level
J - Estimated value
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Laboratory Results

NYS ELAP ID#: 10486
Phone: (716) 685-8080

Client: E and E Buffalo Office
Lab Order: 0501014
Project: Mr. Cs Dry Cleaners

Client Sample ID: AS EFFLUENT
Alt. Client ID:
Collection Date: 1/3/2005 9:56:00 AM **% Moist:**

Lab ID: 0501014-02A **Sample Type:** SAMP **Matrix:** Groundwater **Test Code:** 1_8260B_5030B_TCL_LL_W

LOW LEVEL VOCS BY METHOD 8260B **Method:** SW8260B **Prep Method:** SW5030B_LL

Analyte	Result	Q	RL	Units	DF	Date Analyzed	Run Batch ID	Analyst
Methylcyclohexane	ND		1.00	µg/L	1			
Methylene chloride	0.630	J	1.00	µg/L	1			
Styrene	0.122	J	1.00	µg/L	1			
Tetrachloroethene	9.36		1.00	µg/L	1			
Toluene	0.540	J	1.00	µg/L	1			
trans-1,2-Dichloroethene	ND		1.00	µg/L	1			
trans-1,3-Dichloropropene	ND		1.00	µg/L	1			
Trichloroethene	0.858	J	1.00	µg/L	1			
Trichlorofluoromethane	ND		1.00	µg/L	1			
Vinyl chloride	ND		1.00	µg/L	1			
Xylenes, Total	0.506	J	1.00	µg/L	1			
Surr:1,2-Dichloroethane-d4	94		70 - 128	%REC	1	1/6/2005 12:20:00 AM	LINUS_050105D	GP
Surr:4-Bromofluorobenzene	101		80 - 119	%REC	1			
Surr:Dibromofluoromethane	92		85 - 110	%REC	1			
Surr:Toluene-d8	92		83 - 110	%REC	1			

Definitions:

* - Recovery outside QC limits
B - Analyte found in Method blank
D - Diluted due to maxtrix or extended target compounds
DF - Dilution Factor
DNI - Did not Ignite
E - Result above quantitation limit (high standard or ICP linear range).
H - Value Exceeds Maximum Contaminant Level
J - Estimated value
M - Matrix Spike Recovery outside limits
N - Single Column Analysis
NC - Not Calculated
ND - Not Detected at the Reporting Limit
NP - Petroleum Pattern is not present
P - Post Spike Recovery outside limits
R - RPD outside recovery limits

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Laboratory Results

NYS ELAP ID#: 10486
Phone: (716) 685-8080

CLIENT: E and E Buffalo Office
Lab Order: 0501014
Project: Mr. Cs Dry Cleaners
Lab ID: 0501014-02A **Sample Type:** SAMP

Client Sample ID: AS EFFLUENT
Alt. Client ID:
Collection Date: 1/3/2005 9:56:00 AM
Matrix: GROUNDWATER **% Moist:**

TENTATIVELY IDENTIFIED COMPOUNDS

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	Units	DF	Quality(%)	Date Analyzed	Run Batch ID	Analyst
LOW LEVEL VOCS BY METHOD 8260B										
1_8260B_5030B_TCL_LL_W										
110-43-0	2-Heptanone	15.23	1	NJ	µg/L	1	91	1/6/2005 12:20:00 AM	LINUS_050105D	

Number TICs Found: 1

Definitions:

* - Recovery outside QC limits
B - Analyte found in Method blank
D - Diluted due to maxtrix or extended target compounds
DF - Dilution Factor
DNI - Did not Ignite
E - Result above quantitation limit (high standard or ICP linear range).
H - Value Exceeds Maximum Contaminant Level
J - Estimated value
M - Matrix Spike Recovery outside limits
N - Single Column Analysis
NC - Not Calculated
ND - Not Detected at the Reporting Limit
NP - Petroleum Pattern is not present
P - Post Spike Recovery outside limits
R - RPD outside recovery limits

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Laboratory Results

NYS ELAP ID#: 10486
Phone: (716) 685-8080

Client: E and E Buffalo Office
Lab Order: 0501014
Project: Mr. Cs Dry Cleaners

Client Sample ID: AS INFLUENT
Alt. Client ID:
Collection Date: 1/3/2005 9:50:00 AM **% Moist:**

Lab ID: 0501014-01B **Sample Type:** SAMP **Matrix:** Groundwater **Test Code:** 1_6010B_TAL_W

ICP METALS ANALYSIS BY METHOD 6010B

Method: SW6010B **Prep Method:** SW3010A

Analyte	Result	Q	RL	Units	DF	Date Analyzed	Run Batch ID	Analyst
Aluminum	ND		200	µg/L	1	1/11/2005 10:09:29 PM	OPTIMA_050111E	SDP
Calcium	130000		1500	µg/L	1			
Cobalt	ND		20.0	µg/L	1			
Copper	ND		20.0	µg/L	1			
Iron	ND		200	µg/L	1			
Lead	ND		5.00	µg/L	1			
Magnesium	19700		1500	µg/L	1			
Manganese	180		10.0	µg/L	1			
Nickel	ND		20.0	µg/L	1			
Potassium	5590		1500	µg/L	1	1/8/2005 9:18:20 AM	OPTIMA4300_050108A	
Silver	ND		10.0	µg/L	1	1/11/2005 10:09:29 PM	OPTIMA_050111E	
Sodium	214000		1500	µg/L	1	1/8/2005 9:18:20 AM	OPTIMA4300_050108A	
Vanadium	ND		20.0	µg/L	1	1/11/2005 10:09:29 PM	OPTIMA_050111E	
Zinc	ND		20.0	µg/L	1			

efinitions:

- ' - Recovery outside QC limits
- DF - Dilution Factor
- H - Value Exceeds Maximum Contaminant Level
- V - Single Column Analysis
- NP - Petroleum Pattern is not present
- B - Analyte found in Method blank
- DNI - Did not Ignite
- J - Estimated value
- NC - Not Calculated
- P - Post Spike Recovery outside limits
- D - Diluted due to maxtrix or extended target compounds
- E - Result above quantitation limit (high standard or ICP linear range).
- M - Matrix Spike Recovery outside limits
- ND - Not Detected at the Reporting Limit
- R - RPD outside recovery limits

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Laboratory Results

NYS ELAP ID#: 10486
Phone: (716) 685-8080

Client: E and E Buffalo Office
Lab Order: 0501014
Project: Mr. Cs Dry Cleaners

Client Sample ID: AS EFFLUENT
Alt. Client ID:
Collection Date: 1/3/2005 9:56:00 AM **% Moist:**

Lab ID: 0501014-02B **Sample Type:** SAMP **Matrix:** Groundwater **Test Code:** 1_6010B_TAL_W

ICP METALS ANALYSIS BY METHOD 6010B **Method:** SW6010B **Prep Method:** SW3010A

Analyte	Result	Q	RL	Units	DF	Date Analyzed	Run Batch ID	Analyst
Aluminum	ND		200	µg/L	1	1/11/2005 10:14:25 PM	OPTIMA_050111E	SDP
Calcium	135000		1500	µg/L	1			
Cobalt	ND		20.0	µg/L	1			
Copper	ND		20.0	µg/L	1			
Iron	229		200	µg/L	1			
Lead	ND		5.00	µg/L	1			
Magnesium	20100		1500	µg/L	1			
Manganese	183		10.0	µg/L	1			
Nickel	ND		20.0	µg/L	1			
Potassium	5620		1500	µg/L	1	1/8/2005 9:24:13 AM	OPTIMA4300_050108A	
Silver	ND		10.0	µg/L	1	1/11/2005 10:14:25 PM	OPTIMA_050111E	
Sodium	216000		1500	µg/L	1	1/8/2005 9:24:13 AM	OPTIMA4300_050108A	
Vanadium	ND		20.0	µg/L	1	1/11/2005 10:14:25 PM	OPTIMA_050111E	
Zinc	ND		20.0	µg/L	1			

Definitions:

- Recovery outside QC limits
F - Dilution Factor
- Value Exceeds Maximum Contaminant Level
- Single Column Analysis
P - Petroleum Pattern is not present

B - Analyte found in Method blank
DNI - Did not Ignite
J - Estimated value
NC - Not Calculated
P - Post Spike Recovery outside limits

D - Diluted due to maxtrix or extended target compounds
E - Result above quantitation limit (high standard or ICP linear range).
M - Matrix Spike Recovery outside limits
ND - Not Detected at the Reporting Limit
R - RPD outside recovery limits

MS Version #: 050105_1015

Printed: Thursday, January 13, 2005 7:43:26 AM

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Laboratory Results

NYS ELAP ID#: 10486
Phone: (716) 685-8080

Client: E and E Buffalo Office
Lab Order: 0501014
Project: Mr. Cs Dry Cleaners

Client Sample ID: AS INFLUENT
Alt. Client ID:
Collection Date: 1/3/2005 9:50:00 AM **% Moist:**

Lab ID: 0501014-01B **Sample Type:** SAMP **Matrix:** Groundwater **Test Code:** 1_7470A_HG_W

MERCURY ANALYSIS IN WATER BY METHOD 7470A **Method:** SW7470A **Prep Method:** SW7470A

Analyte	Result	Q	RL	Units	DF	Date Analyzed	Run Batch ID	Analyst
Mercury	ND		0.200	µg/L	1	1/7/2005 9:21:37 AM	LEEMAN_050107B	JLS

efinitions:

- ' - Recovery outside QC limits
- DF - Dilution Factor
- H - Value Exceeds Maximum Contaminant Level
- N - Single Column Analysis
- NP - Petroleum Pattern is not present
- B - Analyte found in Method blank
- DNI - Did not Ignite
- J - Estimated value
- NC - Not Calculated
- P - Post Spike Recovery outside limits
- D - Diluted due to maxtrix or extended target compounds
- E - Result above quantitation limit (high standard or ICP linear range).
- M - Matrix Spike Recovery outside limits
- ND - Not Detected at the Reporting Limit
- R - RPD outside recovery limits

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Laboratory Results

NYS ELAP ID#: 10486
Phone: (716) 685-8080

Client: E and E Buffalo Office
Lab Order: 0501014
Project: Mr. Cs Dry Cleaners

Client Sample ID: AS EFFLUENT
Alt. Client ID:
Collection Date: 1/3/2005 9:56:00 AM **% Moist:**

Lab ID: 0501014-02B **Sample Type:** SAMP **Matrix:** Groundwater **Test Code:** 1_7470A_HG_W

MERCURY ANALYSIS IN WATER BY METHOD 7470A **Method:** SW7470A **Prep Method:** SW7470A

Analyte	Result	Q	RL	Units	DF	Date Analyzed	Run Batch ID	Analyst
Mercury	ND		0.200	µg/L	1	1/7/2005 9:22:59 AM	LEEMAN_050107B	JLS

efinitions:

- ' - Recovery outside QC limits
- DF - Dilution Factor
- H - Value Exceeds Maximum Contaminant Level
- N - Single Column Analysis
- NP - Petroleum Pattern is not present
- B - Analyte found in Method blank
- DNI - Did not Ignite
- J - Estimated value
- NC - Not Calculated
- P - Post Spike Recovery outside limits
- D - Diluted due to maxtrix or extended target compounds
- E - Result above quantitation limit (high standard or ICP linear range).
- M - Matrix Spike Recovery outside limits
- ND - Not Detected at the Reporting Limit
- R - RPD outside recovery limits

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Laboratory Results

NYS ELAP ID#: 10486
Phone: (716) 685-8080

Client: E and E Buffalo Office
Client Sample ID: AS INFLUENT
Lab Order: 0501014
Alt. Client ID:
Project: Mr. Cs Dry Cleaners
Collection Date: 1/3/2005 9:50:00 AM **% Moist:**

Lab ID 0501014-01D **Sample Type:** SAMP **Matrix:** Groundwater **Test Code:** 1_130.2_HARD_W

HARDNESS, TOTAL BY METHOD EPA 130.2 **Method:** EPA130.2 **Prep Method:** NA

Analyte	Result	Q	RL	Units	DF	Date Analyzed	Run Batch ID	Analyst
Hardness (As CaCO3)	280		1.00	mg/L	1	1/5/2005	WC_HARDNESS_050105A	LMW

Definitions:

* - Recovery outside QC limits
B - Analyte found in Method blank
D - Diluted due to maxtrix or extended target compounds
DF - Dilution Factor
DNI - Did not Ignite
E - Result above quantitation limit (high standard or ICP linear range).
H - Value Exceeds Maximum Contaminant Level
J - Estimated value
M - Matrix Spike Recovery outside limits
N - Single Column Analysis
NC - Not Calculated
ND - Not Detected at the Reporting Limit
NP - Petroleum Pattern is not present
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R - RPD outside recovery limits

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Laboratory Results

NYS ELAP ID#: 10486
Phone: (716) 685-8080

Client: E and E Buffalo Office
Client Sample ID: AS EFFLUENT
Lab Order: 0501014
Alt. Client ID:
Project: Mr. Cs Dry Cleaners
Collection Date: 1/3/2005 9:56:00 AM **% Moist:**

Lab ID 0501014-02D **Sample Type:** SAMP **Matrix:** Groundwater **Test Code:** 1_130.2_HARD_W

HARDNESS, TOTAL BY METHOD EPA 130.2 **Method:** EPA130.2 **Prep Method:** NA

Analyte	Result	Q	RL	Units	DF	Date Analyzed	Run Batch ID	Analyst
Hardness (As CaCO3)	228		1.00	mg/L	1	1/5/2005	WC_HARDNESS_050105A	LMW

Definitions:

* - Recovery outside QC limits
B - Analyte found in Method blank
D - Diluted due to maxtrix or extended target compounds
DF - Dilution Factor
DNI - Did not Ignite
E - Result above quantitation limit (high standard or ICP linear range).
H - Value Exceeds Maximum Contaminant Level
J - Estimated value
M - Matrix Spike Recovery outside limits
N - Single Column Analysis
NC - Not Calculated
ND - Not Detected at the Reporting Limit
NP - Petroleum Pattern is not present
P - Post Spike Recovery outside limits
R - RPD outside recovery limits

LIMS Version #: 050105_1015
Printed: Monday, January 17, 2005 9:07:48 AM

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Laboratory Results

NYS ELAP ID#: 10486
Phone: (716) 685-8080

Client: E and E Buffalo Office
Client Sample ID: AS INFLUENT
Lab Order: 0501014
Alt. Client ID:
Project: Mr. Cs Dry Cleaners
Collection Date: 1/3/2005 9:50:00 AM **% Moist:**

Lab ID 0501014-01D **Sample Type:** SAMP **Matrix:** Groundwater **Test Code:** 1_160.1_TDS_W

TOTAL DISSOLVED SOLIDS (TDS) BY METHOD EPA 160.1 **Method:** EPA160.1 **Prep Method:** NA

Analyte	Result	Q	RL	Units	DF	Date Analyzed	Run Batch ID	Analyst
Total Dissolved Solids (Residue, Filterable)	990		10	mg/L	1	1/5/2005	SARTORIUS_TDS_050105A	LMW

Definitions:

* - Recovery outside QC limits
B - Analyte found in Method blank
D - Diluted due to maxtrix or extended target compounds
DF - Dilution Factor
DNI - Did not Ignite
E - Result above quantitation limit (high standard or ICP linear range).
H - Value Exceeds Maximum Contaminant Level
J - Estimated value
M - Matrix Spike Recovery outside limits
N - Single Column Analysis
NC - Not Calculated
ND - Not Detected at the Reporting Limit
NP - Petroleum Pattern is not present
P - Post Spike Recovery outside limits
R - RPD outside recovery limits

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Laboratory Results

NYS ELAP ID#: 10486
Phone: (716) 685-8080

Client: E and E Buffalo Office
Client Sample ID: AS EFFLUENT
Lab Order: 0501014
Alt. Client ID:
Project: Mr. Cs Dry Cleaners
Collection Date: 1/3/2005 9:56:00 AM **% Moist:**

Lab ID 0501014-02D **Sample Type:** SAMP **Matrix:** Groundwater **Test Code:** 1_160.1_TDS_W

TOTAL DISSOLVED SOLIDS (TDS) BY METHOD EPA 160.1 **Method:** EPA160.1 **Prep Method:** NA

Analyte	Result	Q	RL	Units	DF	Date Analyzed	Run Batch ID	Analyst
Total Dissolved Solids (Residue, Filterable)	1100	.	10	mg/L	1	1/5/2005	SARTORIUS_TDS_050105A	LMW

Definitions:

* - Recovery outside QC limits
B - Analyte found in Method blank
D - Diluted due to maxtrix or extended target compounds
DF - Dilution Factor
DNI - Did not Ignite
E - Result above quantitation limit (high standard or ICP linear range).
H - Value Exceeds Maximum Contaminant Level
J - Estimated value
M - Matrix Spike Recovery outside limits
N - Single Column Analysis
NC - Not Calculated
ND - Not Detected at the Reporting Limit
NP - Petroleum Pattern is not present
P - Post Spike Recovery outside limits
R - RPD outside recovery limits

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Laboratory Results

NYS ELAP ID#: 10486
Phone: (716) 685-8080

Client: E and E Buffalo Office
Client Sample ID: AS INFLUENT
Lab Order: 0501014
Alt. Client ID:
Project: Mr. Cs Dry Cleaners
Collection Date: 1/3/2005 9:50:00 AM **% Moist:**

Lab ID 0501014-01D **Sample Type:** SAMP **Matrix:** Groundwater **Test Code:** 1_160.2_TSS_W

TOTAL SUSPENDED SOLIDS, NON-FILTERABLE RESIDUE **Method:** EPA160.2 **Prep Method:** NA

Analyte	Result	Q	RL	Units	DF	Date Analyzed	Run Batch ID	Analyst
Total Suspended Solids (Residue, Non-Filterable)	ND		4.0	mg/L	1	1/5/2005	SARTORIUS_TSS_050105A	LMW

Definitions:

* - Recovery outside QC limits
B - Analyte found in Method blank
D - Diluted due to maxtrix or extended target compounds
DF - Dilution Factor
DNI - Did not Ignite
E - Result above quantitation limit (high standard or ICP linear range).
H - Value Exceeds Maximum Contaminant Level
J - Estimated value
M - Matrix Spike Recovery outside limits
N - Single Column Analysis
NC - Not Calculated
ND - Not Detected at the Reporting Limit
NP - Petroleum Pattern is not present
P - Post Spike Recovery outside limits
R - RPD outside recovery limits

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Laboratory Results

NYS ELAP ID#: 10486
Phone: (716) 685-8080

Client: E and E Buffalo Office
Client Sample ID: AS EFFLUENT
Lab Order: 0501014
Alt. Client ID:
Project: Mr. Cs Dry Cleaners
Collection Date: 1/3/2005 9:56:00 AM **% Moist:**

Lab ID 0501014-02D **Sample Type:** SAMP **Matrix:** Groundwater **Test Code:** 1_160.2_TSS_W

TOTAL SUSPENDED SOLIDS, NON-FILTERABLE RESIDUE **Method:** EPA160.2 **Prep Method:** NA

Analyte	Result	Q	RL	Units	DF	Date Analyzed	Run Batch ID	Analyst
Total Suspended Solids (Residue, Non-Filterable)	11		4.0	mg/L	1	1/5/2005	SARTORIUS_TSS_050105A	LMW

Definitions:

* - Recovery outside QC limits
B - Analyte found in Method blank
D - Diluted due to maxtrix or extended target compounds
DF - Dilution Factor
DNI - Did not Ignite
E - Result above quantitation limit (high standard or ICP linear range).
H - Value Exceeds Maximum Contaminant Level
J - Estimated value
M - Matrix Spike Recovery outside limits
N - Single Column Analysis
NC - Not Calculated
ND - Not Detected at the Reporting Limit
NP - Petroleum Pattern is not present
P - Post Spike Recovery outside limits
R - RPD outside recovery limits

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NYS ELAP ID#: 10486
Phone: (716) 685-8080

Client: E and E Buffalo Office
Lab Order: 0501014
Project: Mr. Cs Dry Cleaners

Client Sample ID: AS INFLUENT
Alt. Client ID:
Collection Date: 1/3/2005 9:50:00 AM **% Moist:**

Lab ID 0501014-01C **Sample Type:** SAMP **Matrix:** Groundwater **Test Code:** 1_9012A_CN_W

CYANIDE, TOTAL BY METHOD 9012A **Method:** SW9012A **Prep Method:** NA

Analyte	Result	Q	RL	Units	DF	Date Analyzed	Run Batch ID	Analyst
Cyanide	ND		0.01	mg/L	1	1/4/2005 6:23:08 PM	LACHAT_CN_050104A	RLG

Definitions:

* - Recovery outside QC limits
B - Analyte found in Method blank
D - Diluted due to maxtrix or extended target compounds
DF - Dilution Factor
DNI - Did not Ignite
E - Result above quantitation limit (high standard or ICP linear range).
H - Value Exceeds Maximum Contaminant Level
J - Estimated value
M - Matrix Spike Recovery outside limits
N - Single Column Analysis
NC - Not Calculated
ND - Not Detected at the Reporting Limit
NP - Petroleum Pattern is not present
P - Post Spike Recovery outside limits
R - RPD outside recovery limits

Analytical Services Center
International Specialists in Environmental Analysis
4493 Walden Avenue
a division of ecology and environment, inc. Lancaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486
Phone: (716) 685-8080

Client: E and E Buffalo Office
Lab Order: 0501014
Project: Mr. Cs Dry Cleaners

Client Sample ID: AS EFFLUENT
Alt. Client ID:
Collection Date: 1/3/2005 9:56:00 AM **% Moist:**

Lab ID 0501014-02C **Sample Type:** SAMP **Matrix:** Groundwater **Test Code:** 1_9012A_CN_W

CYANIDE, TOTAL BY METHOD 9012A **Method:** SW9012A **Prep Method:** NA

Analyte	Result	Q	RL	Units	DF	Date Analyzed	Run Batch ID	Analyst
Cyanide	ND		0.01	mg/L	1	1/4/2005 6:24:08 PM	LACHAT_CN_050104A	RLG

Definitions:

* - Recovery outside QC limits
B - Analyte found in Method blank
D - Diluted due to maxtrix or extended target compounds
DF - Dilution Factor
DNI - Did not Ignite
E - Result above quantitation limit (high standard or ICP linear range).
H - Value Exceeds Maximum Contaminant Level
J - Estimated value
M - Matrix Spike Recovery outside limits
N - Single Column Analysis
NC - Not Calculated
ND - Not Detected at the Reporting Limit
NP - Petroleum Pattern is not present
P - Post Spike Recovery outside limits
R - RPD outside recovery limits

Attachment B2
Selected pages from
ASC Analytical Data Package #0501178
January 14, 2005

analytical services center
International Specialists in Environmental Analysis
4493 Walden Avenue, Lancaster, New York 14086
Tel: 716/685-8080, 800/327-6534 • Fax: 716/685-0852 • Email: asc@ene.com

January 20, 2005

Mr. Mike Steffan
E and E Buffalo Office
368 Pleasant View Dr.
Lancaster, NY 14086

RE: Mr. Cs Dry Cleaners
CostPoint ID: **000699.NY06.05..**

Work Order No.: **0501178**

Dear Mr. Mike Steffan,

Analytical Services Center received 2 samples on Friday, January 14, 2005 for the analyses presented in the following report.

The ASC certifies that the test results in this report meet all requirements of NELAC for which it holds certification except as noted in this narrative and/or as flagged in the report.

The ASC is accredited in the Fields of Testing Potable water (SDWA), Solid and Chemical Materials (Solid Hazardous Wastes, RCRA), Water (CWA and other non-potable water) and Air and Emissions. Its primary accrediting authorities are New York State Department of Health and Florida Department of Health. The particular analytes/methods certified may be ascertained by requesting the laboratory's current certificates from your laboratory Project Manager .

E & E will retain the samples addressed in this report for 30 days, unless otherwise instructed by the client. If additional storage is requested, the storage fee is $1.00 per sample container per month, to accrue until the client authorizes sample destruction.

This report is not to be reproduced, except in full, without the written approval of the laboratory.

Sincerely,

Barbara Krajewski
Project Manager

CC:
Enclosures as noted

This report ends on page 19

Analytical Services Center
International Specialists in Environmental Analysis
4493 Walden Avenue
a division of ecology and environment, inc. Lancaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486
Phone: (716) 685-8080

Client: E AND E BUFFALO
Project: Mr. Cs Dry Cleaners
Lab Order: 0501178

CASE NARRATIVE

Cooler temperature was 1.5 degrees C upon receipt. Two of the three volatile vials sent for sample INFLUENT were frozen. One of the vials cracked when defrosted.

GCMS VOLATILES
A DB 624 column and a trap packed with OV-1, Tenax, silica gel and activated charcoal was used for the volatile analysis.

Sample analysis
The EFFLUENT sample was determined to be at a pH of <2 and the INFLUENT sample at a pH of 7. The samples were analyzed within hold time.
Sample INFLUENT was analyzed at a dilution based on historical data and the level of tetrachloroethene present.

Calibration and Tunes
Initial and continuing calibrations were acceptable.
Manual peak integration was not required.

QC
Surrogate recoveries were within acceptable limits.
Method blank analysis was acceptable.
Laboratory control sample (LCS) recoveries were acceptable.
Internal standard area responses were acceptable.

CHAIN OF CUSTODY RECORD

ASC analytical services center

Ecology and Environment, Inc., Analytical Services Center
4493 Walden Avenue, Lancaster, New York, 14086, Tel: 716/685-8080, Fax 716/685-0852
Where Scientific Excellence and Efficiency Meet

Cooler No: _____
Lab: _____
Page: of

PROJECT No: 000699NY0605
CLIENT: NYSDEC
SITE NAME: MR. C's DRY CLEANERS
LOCATION: (Include State) EAST AURORA, NY
PROJECT MANAGER: MIKE STEFFAN
OFFICE No.:
FIELD TEAM LEADER: MURPHY
PHONE No.:
SAMPLERS: (PRINT) MURPHY

CONTAINER TYPE AND PRESERVATIVE
REQUESTED ANALYSIS

TURNAROUND TIME:
- 24-HOUR ☐ RUSH
- 48-HOUR ☐ RUSH
- 1-WEEK ☐ RUSH
- STANDARD ☐
- OTHER _____

DATE	TIME	SAMPLE ID	MATRIX CODE	CHECK FOR MS/MSD	No. OF CONTAINERS	VOCs	OVA/HNU READINGS (PPM)	BEGINNING DEPTH (FEET BGS)	ENDING DEPTH (FEET BGS)	REMARKS
1/14/05	1213	MRC INFLUENT	GW		3	3				
1/14/05	1216	MR.C EFFLUENT	GW		3	3				

Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Date/Time:	Temperature Blank Info. Enclosed: Yes No	LAB PROJECT No.:	LAB PROJECT MANAGER:
T. Murphy	1/14/05 2:44	D Stratman	1-14-05 14:44			
Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Date/Time:	Ship Via: Date:	(FOR LAB USE ONLY)	
Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Date/Time:	BL/Airbill Number:	Date: Time: Temperature: °C Work Order No:	

Distribution: White - Lab original Yellow - Field team leader/Project Manager

F1260699.P65

Analytical Services Center
International Specialists in Environmental Analysis
4493 Walden Avenue
a division of ecology and environment, inc. Lancaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486
Phone: (716) 685-8080

Client: E and E Buffalo Office
Lab Order: 0501178
Project: Mr. Cs Dry Cleaners

Client Sample ID: INFLUENT
Alt. Client ID:
Collection Date: 1/14/2005 12:13:00 P **% Moist:**

Lab ID: 0501178-01A **Sample Type:** SAMP **Matrix:** Groundwater **Test Code:** 1_8260B_5030B_TCL_LL_W

LOW LEVEL VOCS BY METHOD 8260B **Method:** SW8260B **Prep Method:** SW5030B_LL

Analyte	Result	Q	RL	Units	DF	Date Analyzed	Run Batch ID	Analyst
1,1,1-Trichloroethane	ND		50.0	µg/L	50	1/17/2005 4:13:00 PM	LINUS_050117B	DWW
1,1,2,2-Tetrachloroethane	ND		50.0	µg/L	50			
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50.0	µg/L	50			
1,1,2-Trichloroethane	ND		50.0	µg/L	50			
1,1-Dichloroethane	ND		50.0	µg/L	50			
1,1-Dichloroethene	ND		50.0	µg/L	50			
1,2,4-Trichlorobenzene	ND		50.0	µg/L	50			
1,2-Dibromo-3-chloropropane	ND		250	µg/L	50			
1,2-Dibromoethane	ND		50.0	µg/L	50			
1,2-Dichlorobenzene	ND		50.0	µg/L	50			
1,2-Dichloroethane	ND		50.0	µg/L	50			
1,2-Dichloropropane	ND		50.0	µg/L	50			
1,3-Dichlorobenzene	ND		50.0	µg/L	50			
1,4-Dichlorobenzene	ND		50.0	µg/L	50			
2-Butanone	ND		250	µg/L	50			
2-Hexanone	ND		250	µg/L	50			
4-Methyl-2-pentanone	ND		250	µg/L	50			
Acetone	ND		250	µg/L	50			
Benzene	ND		50.0	µg/L	50			
Bromodichloromethane	ND		50.0	µg/L	50			
Bromoform	ND		50.0	µg/L	50			
Bromomethane	ND		100	µg/L	50			
Carbon disulfide	ND		250	µg/L	50			
Carbon tetrachloride	ND		50.0	µg/L	50			
Chlorobenzene	ND		50.0	µg/L	50			
Chloroethane	ND		100	µg/L	50			
Chloroform	ND		50.0	µg/L	50			
Chloromethane	ND		100	µg/L	50			
cis-1,2-Dichloroethene	5.00	J	50.0	µg/L	50			
cis-1,3-Dichloropropene	ND		50.0	µg/L	50			
Cyclohexane	ND		50.0	µg/L	50			
Dibromochloromethane	ND		50.0	µg/L	50			
Dichlorodifluoromethane	ND		250	µg/L	50			
Ethylbenzene	ND		50.0	µg/L	50			
Isopropylbenzene	ND		50.0	µg/L	50			
Methyl acetate	ND		50.0	µg/L	50			
Methyl tert-butyl ether	11.2	J	50.0	µg/L	50			

Definitions:

* - Recovery outside QC limits
B - Analyte found in Method blank
D - Diluted due to maxtrix or extended target compounds
DF - Dilution Factor
DNI - Did not Ignite
E - Result above quantitation limit (high standard or ICP linear range).
H - Value Exceeds Maximum Contaminant Level
J - Estimated value
M - Matrix Spike Recovery outside limits
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NC - Not Calculated
ND - Not Detected at the Reporting Limit
NP - Petroleum Pattern is not present
P - Post Spike Recovery outside limits
R - RPD outside recovery limits

Analytical Services Center
International Specialists in Environmental Analysis
4493 Walden Avenue
a division of ecology and environment, inc. Lancaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486
Phone: (716) 685-8080

Client: E and E Buffalo Office
Lab Order: 0501178
Project: Mr. Cs Dry Cleaners

Client Sample ID: INFLUENT
Alt. Client ID:
Collection Date: 1/14/2005 12:13:00 P **% Moist:**

Lab ID: 0501178-01A **Sample Type:** SAMP **Matrix:** Groundwater **Test Code:** 1_8260B_5030B_TCL_LL_W

LOW LEVEL VOCS BY METHOD 8260B **Method:** SW8260B **Prep Method:** SW5030B_LL

Analyte	Result	Q	RL	Units	DF	Date Analyzed	Run Batch ID	Analyst
Methylcyclohexane	ND		50.0	µg/L	50			
Methylene chloride	ND		50.0	µg/L	50			
Styrene	ND		50.0	µg/L	50			
Tetrachloroethene	1220		50.0	µg/L	50			
Toluene	ND		50.0	µg/L	50			
trans-1,2-Dichloroethene	ND		50.0	µg/L	50			
trans-1,3-Dichloropropene	ND		50.0	µg/L	50			
Trichloroethene	31.3	J	50.0	µg/L	50			
Trichlorofluoromethane	ND		50.0	µg/L	50			
Vinyl chloride	ND		50.0	µg/L	50			
Xylenes, Total	ND		50.0	µg/L	50			
Surr:1,2-Dichloroethane-d4	88		70 - 128	%REC	50	1/17/2005 4:13:00 PM	LINUS_050117B	DWW
Surr:4-Bromofluorobenzene	99		80 - 119	%REC	50			
Surr:Dibromofluoromethane	90		85 - 110	%REC	50			
Surr:Toluene-d8	88		83 - 110	%REC	50			

Definitions:

* - Recovery outside QC limits
B - Analyte found in Method blank
D - Diluted due to maxtrix or extended target compounds
DF - Dilution Factor
DNI - Did not Ignite
E - Result above quantitation limit (high standard or ICP linear range).
H - Value Exceeds Maximum Contaminant Level
J - Estimated value
M - Matrix Spike Recovery outside limits
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NC - Not Calculated
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P - Post Spike Recovery outside limits
R - RPD outside recovery limits

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International Specialists in Environmental Analysis
4493 Walden Avenue
a division of ecology and environment, inc. Lancaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486
Phone: (716) 685-8080

CLIENT: E and E Buffalo Office
Lab Order: 0501178
Project: Mr. Cs Dry Cleaners
Lab ID: 0501178-01A **Sample Type:** SAMP

Client Sample ID: INFLUENT
Alt. Client ID:
Collection Date: 1/14/2005 12:13:00 PM
Matrix: GROUNDWATER **% Moist:**

TENTATIVELY IDENTIFIED COMPOUNDS

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	Units	DF	Quality(%)	Date Analyzed	Run Batch ID	Analyst

LOW LEVEL VOCS BY METHOD 8260B
1_8260B_5030B_TCL_LL_W

NO TENTATIVELY IDENTIFIED COMPOUNDS

Definitions:

* - Recovery outside QC limits
DF - Dilution Factor
H - Value Exceeds Maximum Contaminant Level
N - Single Column Analysis
NP - Petroleum Pattern is not present
B - Analyte found in Method blank
DNI - Did not Ignite
J - Estimated value
NC - Not Calculated
P - Post Spike Recovery outside limits
D - Diluted due to maxtrix or extended target compounds
E - Result above quantitation limit (high standard or ICP linear range).
M - Matrix Spike Recovery outside limits
ND - Not Detected at the Reporting Limit
R - RPD outside recovery limits

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International Specialists in Environmental Analysis
4493 Walden Avenue
a division of ecology and environment, inc. Lancaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486
Phone: (716) 685-8080

Client: E and E Buffalo Office
Lab Order: 0501178
Project: Mr. Cs Dry Cleaners

Client Sample ID: EFFLUENT
Alt. Client ID:
Collection Date: 1/14/2005 12:13:00 P **% Moist:**

Lab ID: 0501178-02A **Sample Type:** SAMP **Matrix:** Groundwater **Test Code:** 1_8260B_5030B_TCL_LL_W

LOW LEVEL VOCS BY METHOD 8260B **Method:** SW8260B **Prep Method:** SW5030B_LL

Analyte	Result	Q	RL	Units	DF	Date Analyzed	Run Batch ID	Analyst
1,1,1-Trichloroethane	ND		1.00	µg/L	1	1/17/2005 5:17:00 PM	LINUS_050117B	DWW
1,1,2,2-Tetrachloroethane	ND		1.00	µg/L	1			
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	µg/L	1			
1,1,2-Trichloroethane	ND		1.00	µg/L	1			
1,1-Dichloroethane	ND		1.00	µg/L	1			
1,1-Dichloroethene	ND		1.00	µg/L	1			
1,2,4-Trichlorobenzene	ND		1.00	µg/L	1			
1,2-Dibromo-3-chloropropane	ND		5.00	µg/L	1			
1,2-Dibromoethane	ND		1.00	µg/L	1			
1,2-Dichlorobenzene	ND		1.00	µg/L	1			
1,2-Dichloroethane	ND		1.00	µg/L	1			
1,2-Dichloropropane	ND		1.00	µg/L	1			
1,3-Dichlorobenzene	ND		1.00	µg/L	1			
1,4-Dichlorobenzene	ND		1.00	µg/L	1			
2-Butanone	6.83		5.00	µg/L	1			
2-Hexanone	ND		5.00	µg/L	1			
4-Methyl-2-pentanone	0.762	J	5.00	µg/L	1			
Acetone	29.5		5.00	µg/L	1			
Benzene	ND		1.00	µg/L	1			
Bromodichloromethane	ND		1.00	µg/L	1			
Bromoform	ND		1.00	µg/L	1			
Bromomethane	ND		2.00	µg/L	1			
Carbon disulfide	ND		5.00	µg/L	1			
Carbon tetrachloride	ND		1.00	µg/L	1			
Chlorobenzene	ND		1.00	µg/L	1			
Chloroethane	ND		2.00	µg/L	1			
Chloroform	ND		1.00	µg/L	1			
Chloromethane	ND		2.00	µg/L	1			
cis-1,2-Dichloroethene	ND		1.00	µg/L	1			
cis-1,3-Dichloropropene	ND		1.00	µg/L	1			
Cyclohexane	ND		1.00	µg/L	1			
Dibromochloromethane	ND		1.00	µg/L	1			
Dichlorodifluoromethane	ND		5.00	µg/L	1			
Ethylbenzene	ND		1.00	µg/L	1			
Isopropylbenzene	ND		1.00	µg/L	1			
Methyl acetate	ND		1.00	µg/L	1			
Methyl tert-butyl ether	0.649	J	1.00	µg/L	1			

Definitions:

* - Recovery outside QC limits
B - Analyte found in Method blank
D - Diluted due to maxtrix or extended target compounds
DF - Dilution Factor
DNI - Did not Ignite
E - Result above quantitation limit (high standard or ICP linear range).
H - Value Exceeds Maximum Contaminant Level
J - Estimated value
M - Matrix Spike Recovery outside limits
N - Single Column Analysis
NC - Not Calculated
ND - Not Detected at the Reporting Limit
NP - Petroleum Pattern is not present
P - Post Spike Recovery outside limits
R - RPD outside recovery limits

LIMS Version #: 050119_1130
Printed: Wednesday, January 19, 2005 5:19:43 PM

Analytical Services Center
International Specialists in Environmental Analysis
4493 Walden Avenue
a division of ecology and environment, inc. Lancaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486
Phone: (716) 685-8080

Client: E and E Buffalo Office
Client Sample ID: EFFLUENT
Lab Order: 0501178
Alt. Client ID:
Project: Mr. Cs Dry Cleaners
Collection Date: 1/14/2005 12:13:00 P **% Moist:**

Lab ID: 0501178-02A **Sample Type:** SAMP **Matrix:** Groundwater **Test Code:** 1_8260B_5030B_TCL_LL_W

LOW LEVEL VOCS BY METHOD 8260B **Method:** SW8260B **Prep Method:** SW5030B_LL

Analyte	Result	Q	RL	Units	DF	Date Analyzed	Run Batch ID	Analyst
Methylcyclohexane	ND		1.00	µg/L	1			
Methylene chloride	0.677	J	1.00	µg/L	1			
Styrene	ND		1.00	µg/L	1			
Tetrachloroethene	8.55		1.00	µg/L	1			
Toluene	0.336	J	1.00	µg/L	1			
trans-1,2-Dichloroethene	ND		1.00	µg/L	1			
trans-1,3-Dichloropropene	ND		1.00	µg/L	1			
Trichloroethene	0.316	J	1.00	µg/L	1			
Trichlorofluoromethane	ND		1.00	µg/L	1			
Vinyl chloride	ND		1.00	µg/L	1			
Xylenes, Total	ND		1.00	µg/L	1			
Surr:1,2-Dichloroethane-d4	88		70 - 128	%REC	1	1/17/2005 5:17:00 PM	LINUS_050117B	DWW
Surr:4-Bromofluorobenzene	100		80 - 119	%REC	1			
Surr:Dibromofluoromethane	89		85 - 110	%REC	1			
Surr:Toluene-d8	89		83 - 110	%REC	1			

Definitions:

* - Recovery outside QC limits
B - Analyte found in Method blank
D - Diluted due to maxtrix or extended target compounds
DF - Dilution Factor
DNI - Did not Ignite
E - Result above quantitation limit (high standard or ICP linear range).
H - Value Exceeds Maximum Contaminant Level
J - Estimated value
M - Matrix Spike Recovery outside limits
N - Single Column Analysis
NC - Not Calculated
ND - Not Detected at the Reporting Limit
NP - Petroleum Pattern is not present
P - Post Spike Recovery outside limits
R - RPD outside recovery limits

Analytical Services Center
International Specialists in Environmental Analysis
4493 Walden Avenue
a division of ecology and environment, inc. Lancaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486
Phone: (716) 685-8080

CLIENT: E and E Buffalo Office
Lab Order: 0501178
Project: Mr. Cs Dry Cleaners
Lab ID: 0501178-02A **Sample Type:** SAMP

Client Sample ID: EFFLUENT
Alt. Client ID:
Collection Date: 1/14/2005 12:13:00 PM
Matrix: GROUNDWATER **% Moist:**

TENTATIVELY IDENTIFIED COMPOUNDS

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	Units	DF	Quality(%)	Date Analyzed	Run Batch ID	Analyst
LOW LEVEL VOCS BY METHOD 8260B										
1_8260B_5030B_TCL_LL_W										
123-86-4	Acetic acid, butyl ester	12.87	2	NJ	µg/L	1	78	1/17/2005 5:17:00 PM	LINUS_050117B	

Number TICs Found: 1

Definitions:

* - Recovery outside QC limits
DF - Dilution Factor
H - Value Exceeds Maximum Contaminant Level
N - Single Column Analysis
NP - Petroleum Pattern is not present
B - Analyte found in Method blank
DNI - Did not Ignite
J - Estimated value
NC - Not Calculated
P - Post Spike Recovery outside limits
D - Diluted due to maxtrix or extended target compounds
E - Result above quantitation limit (high standard or ICP linear range).
M - Matrix Spike Recovery outside limits
ND - Not Detected at the Reporting Limit
R - RPD outside recovery limits

Attachment C
Summary of Site Utility Costs and Projections
October 2003 to January 2005

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

ATTACHMENT C

NYSDEC Work Assignment #27.4

12 Months of System Operation and Maintenance

January 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	May '05
New York State E&G	06-311-11-	000699.NY06.05	Mr. C's Electric Costs	$ 1,016.84	$ 1,531.47	$ 1,681.89	$ 1,863.21				
	002616-26										
National Fuel Gas	5819628-05	000699.NY06.05	Mr. C's Natural Gas Costs	$ -	$ -	$ -	$ 39.23				
			Totals	**$ 1,016.84**	**$ 1,531.47**	**$ 1,681.89**	**$ 1,902.44**	**$ -**	**$ -**		

	June	July	August	September	October	November	December	Ave. /Month
Mr. C's Electric Costs								$ 2,044.21
Mr. C's Natural Gas Costs								$ 13.08
	$ -	$ -						
Totals	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 2,044.21**

Grand Total - NYSE&G/National Fuel Gas Costs To Date **$ 6,132.64**

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					
Account#											
716 652 0094 416 26 2											

	June '05	July '05	August	September	October	November	December	Ave./Month
								$ 58.71

Grand Total - Verizon Costs to Date **$ 117.42**

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

Grand Total All Utilities To Date **$ 6,250.06**

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:	$17,891.36
	Telephone:	$562.58
	Gas	$1,086.92
	Total:	$19,540.86

Monthly Treatment System Operational Time by O&M Services

O&M Months Remaining: 9

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 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
January-05	840	840	100.00%	46%	GAC units removed from project site
Totals to Date	**11352**	**10998.5**	**96.89%**		

* 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%.

Projected Utility Costs for the O&M year (11/04 to 11/05)

	Ave./Month			
Electric	$ 2,044.21			
Gas	$ 58.71			
Telephone	$ -			
Ave. Utility Cost Total	$ 2,102.92	times	12 months	$27,338.00