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ecology and environment engineering, p.c.

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February 10, 2004

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

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Re: Mr. C's Dry Cleaners Site, Contract # D004180, Site # 9-15-157
January 2004 O&M Report

Dear Mr. Chiusano:

Ecology and Environment Engineering, P.C. (E&E) is pleased to provide this January 2004 Operation and Maintenance (O&M) Report for the Mr. C's Dry Cleaners Site, Site # 9-15-157, located in East Aurora, New York. Copies of weekly inspection reports from E&E's subcontractor O&M Enterprises (OME) are provided as Attachment A. The analytical data package from E&E's Analytical Services Center is provided as Attachment B.

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

Operational Summary

- No system shutdowns occurred and the system was operational for 100% of the period between 12/29/03 and 01/26/04. Table 1 is provided to indicate the monthly operational time of the treatment equipment from the time of system startup.
- The pump that was wedged in pumping well RW-1 was finally removed on January 5, 2004 for inspection and replacement. A socket wrench had fallen in the well and was preventing the pump from being removed. Before installing the spare pump, it was noticed that the power leads were crimped just above the motor terminals. The pump was taken to a local electrical motor repair shop, which recommended that rather than send the pump back to Grundfos, the crimped section could be repaired with heat shrink tubing prior to installation. This repair was performed on 1/19/04. The pump was reinstalled at this time and was operating normally. The RW-1 pump was again not operational during the 1/26/04 weekly inspection. OME disconnected the RW-1 pump to diagnose problem. The pump was still not operational after OME's diagnosis.
- The influent totalizer indicates that approximately 688,034 gallons of groundwater were processed through the treatment system from 12/29/03 to

01/26/04. Because of questionable accuracy, the effluent totalizer readings are not used. Table 2 provides a summary of groundwater volume treated to date. Historical volumes are based on influent totalizer readings provided by Tyree's weekly inspection forms.

- The equalization tank was inspected for sludge and fouling on 1/19/04. Overall, the tank was clean with only a small amount of sludge along the ledge of the entrance manway on the side of the tank.

Table 1
Mr. C's Dry Cleaners Site, Site # 9-15-157
Monthly Operational Uptime of the Treatment Equipment

Month (reporting hours)	Operational Up-time (%) ¹
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)	90.0%
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%

¹ Based on total hours for the month in the reporting period.
 Treatment system operated by the Tyree Organization Ltd. From 9/02 - 9/03.
 Treatment system operated by O&M Enterprises from 10/03 - present.

- Piezometer measurements were collected on 01/05/04. These readings are provided in the weekly inspection reports provided in Attachment A. Measurements were not collected at RW-1 and the surrounding piezometers, as the submersible well pump in RW-1 was not operation at that time. These measurements indicate that a cone of depression exists around six of the seven wells measured. The water level in PW-4 was equal to or slightly below the surrounding piezometers except for PZ-4A (depth to water in PZ-4A exceeded depth to water in PW-4 by 0.75 feet).
- On January 26, 2004, a local HVAC contractor began installation of a natural gas unit heater inside the treatment system building, in an effort to reduce winter heating costs. The heater installation will be completed in February.
- A 50-micron filter has been used in series with a 25-micron filter during January 2004. These filters have been inspected and changed on a weekly basis. The sequestering agent metering pump was turned off on 1/19/04 to

help determine if it is contributing to the blinding of the filters and has been off since that time.

- The phone line to the treatment building was found dead on 1/19/04. Verizon repaired the phone service on 1/22/04.
- Checklists for weekly system inspections are provided as Attachment A for 1/5/04, 1/12/04, 1/19/04 and 1/26/04. Weekly system checks indicate that all operating equipment appear to be operating within normal ranges, aside from RW-1.

Analytical Summary - Groundwater

- E&E and OME personnel sampled influent and effluent groundwater on January 5, 2004. The groundwater samples were analyzed for volatile organic compounds (VOCs), metals, total suspended solids (TSS), total dissolved solids (TDS), and hardness. The air samples were analyzed for VOCs only. The results are discussed below.
- Methyl tert-butyl ether (65.8 µg/L), cis-1,2-Dichloroethene (11.2 µg/L) and Tetrachloroethene (3470 µg/L) were the only compounds detected in the influent groundwater. The higher influent concentration of Tetrachloroethene was observed, despite the fact that RW-1 was not operational at the time. Tetrachloroethene was the only compound detected in the effluent groundwater at 15.8 µg/L, in exceedance of the Effluent Limitation of 10 µg/L given in Addendum #1 of the Construction Contract Documents. A comparison between the analytical values and the limitations set forth is presented as Table 3.
- Approximately 21.0 pounds of VOCs were collected in the influent groundwater, as calculated in Table 4. These values are calculated based on influent 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 month of January 2004.
- The treated groundwater effluent results for metals were all in compliance with the Effluent Limitations, except for Total Iron, whose 3630 µg/L concentration exceeded the Effluent Limitations of 600 µg/L. TSS was also in compliance while TDS returned above the target concentration of 850 mg/L with an actual concentration of 1300 mg/L during the month of January 2004.

Analytical Summary - Air

- E&E and OME personnel sampled the air stripper exhaust before and after the granular activated carbon (GAC) vessels on January 5, 2004. Air samples were collected using pre-evacuated SUMMA canisters calibrated to continuously collect a one-hour sample.
- Tetrachloroethene was the only compound detected in the influent and effluent air samples. The granular activated carbon reduced the Tetrachloroethene concentration from 713 ppbv to <5.00 ppbv, indicating approximately 100% VOC adsorption in the GAC. All other compounds were below the detection limit.

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 ^{2,3}	10/29/03 - 11/25/03	224,278
December 2003 ^{2,3}	11/25/03 - 12/29/03	1,496,271
January 2004 ^{2,3}	12/29/03 - 01/26/04	688,034
TOTAL GALLONS		36,387,184

NOTES

1. System operated by Tyree Organization Ltd. From 9/02 - 9/03
2. System operated by O&M Enterprises from 10/03 - present
3. See report text for discussion of pumping wells in operation during January 2004.

Table 3
Mr. C's Dry Cleaners Site Remediation
Site #9-15-157
Effluent Discharge Criteria

Parameter	Daily Maximum¹	Units	January 2004 Value²
Flow	216,000	gpd	24,573
pH	6.0 - 9.0	standard units	8.31 ⁴
1,1 Dichloroethene	10	ug/L	<10.0
1,2 Dichloroethene	10	ug/L	<10.0
Trichloroethene	10	ug/L	<10.0
Tetrachloroethene	10	ug/L	15.8
Vinyl Chloride	10	ug/L	<10.0
Benzene	5	ug/L	<10.0
Ethyl Benzene	5	ug/L	<10.0
Methylene Chloride	10	ug/L	<10.0
1,1,1 Trichloroethane	10	ug/L	<10.0
Toluene	5	ug/L	<10.0
o-Xylene	5	ug/L	<10.0 ³
m & p-Xylene	10	ug/L	<10.0 ³
Iron, total	600	ug/L	3630
Aluminum	4,000	ug/L	<200
Copper	48	ug/L	<25.0
Lead	11	ug/L	<3.00
Manganese	2,000	ug/L	618
Silver	100	ug/L	<10.0
Vanadium	28	ug/L	<50.0
Zinc	230	ug/L	<20.0
Total Dissolved Solids	850	mg/L	1300
Total Suspended Solids	20	mg/L	17
Cyanide, Free	10	ug/L	<10

NOTES:

1. "Daily Maximum" excerpted from Attachment E of Addendum 1 to the Construction Contract Documents.
2. January values based on monthly sample collected 01/05/04.
3. Analytical report did not differentiate between o-Xylene and m&p-Xylene. Total Xylene value is given in each line.
4. pH reading taken on 01/05/04.

Table 4
Mr. C's Dry Cleaners Site Remediation
Site #9-15-157
Monthly VOCs Removed From Groundwater

Month	Actual Period	Influent VOCs (ug/L)	Effluent VOCs (ug/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
Total pounds of VOCs removed from inception =				570.2

NOTES:

1. Calculations are based on monthly water samples and assumes samples are representative of the entire period.
2. Calculations assume that non-detect values = 0 ug/L.
3. Calculations are based on influent 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.

CONVERSIONS:

1 pound = 453.5924 grams
 1 gallon = 3.785 liters

Pounds of VOCs removed calculated by the following formula:

$$3667 \frac{ug}{L} * \frac{1g}{10^6 ug} * \frac{1lb}{453.5924g} * 688,034 gallons * \frac{3.785L}{gallon} \cong 21.0 pounds$$

where, 3667 ug/L is the summation of VOC's detected on the influent groundwater and 688,034 is the monthly process water volume.

Attachment A
Weekly Inspection Reports

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

Date/Time 1/5/04 12:50

Inspection personnel RC Becken

Other personnel on site Andy Murphy

Weather Conditions light drizzle/sleet 32 degrees

Are all well pumps operating in auto? YES (NO)

If "NO", provide explanation

RW-1 still not operating

Provide water level readings on control panel

RW-1	ON	(OFF)	<u>15</u>	ft
PW-2	(ON)	OFF	<u>5</u>	ft
PW-3	(ON)	OFF	<u>6</u>	ft
PW-4	(ON)	OFF	<u>16</u>	ft
PW-5	(ON)	OFF	<u>7</u>	ft
PW-6	(ON)	OFF	<u>4</u>	ft
PW-7	(ON)	OFF	<u>8</u>	ft
PW-8	(ON)	OFF	<u>3</u>	ft
Equalization tank			<u>4</u>	ft

Influent Flow Rate 22.93 gpm

Influent Totalizer Reading 8393935 gallons

Sequestering agent drum level 15" ft-in

Amount of sequestering agent remaining 100 gallons

Sequestering agent feed rate ~.150 gpm

Sequestering agent metering Pump Pressure 1 psi

Bag filter top pressure 12 0 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 _____ 0 _____ psi

Air stripper blower in use (#1) #2

Air stripper differential pressure _____ 18 inches H₂O

Air stripper vacuum _____ 14.5 inches H₂O

Effluent feed pump in use #1 (#2)

Effluent feed pump pressure _____ 0 _____ psi

Effluent flow rate _____ 0 _____ gpm

Effluent Totalizer reading _____ 506539 _____ gallons 227622

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 _____ 0 _____

Is treatment building clean and organized? (YES) NO

Samples collected? (YES) NO

	Sample ID	Time of Sampling	pH	Turbidity	Temp.
Air stripper influent	00069.NY06.05		7.78	25.53	51.8
Air stripper effluent	00069.NY06.05		8.31	30.34	51.9
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:

Changed filters installed 50 micron filter and then 25 micron filter and will run them in series.

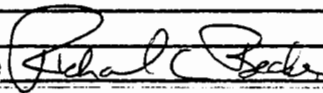
Purchased 5 - 10 micron filters and 5- 25 micron filters from Fluid Conditioning Equipment in East Aurora.

Describe any other system maintenance performed

Worked on RW-1, using the still pipe we tapped on the top of the pump which was jammed in the well and that broke it free. After lifting the pump out of the well I inspected it and found one power lead pulled apart then found one other power lead had been crushed and most likely broken. This was confirmed when we bumped the power and the motor and pump did nothing. We unpack the spare pump and found the power leads for that were crimped just above the motor, Mike Steffan recommended sending the pump back to the manufacturer and I agreed.

I removed the pump from PW-4 and found it was pumping at approximately 3-5 gpm after switching leads, prior to switching the leads the pump was pumping less. Reinstalled the pump and will keep a close eye on it .

Signature



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

Date 1/5/04 Measurements taken by RC Becken

RW-1	_____	ft	Comments _____
PZ-1A	_____	ft	Comments _____
PZ-1B	_____	ft	Comments _____
PZ-1C	_____	ft	Comments _____
PZ-1D	_____	ft	Comments _____
PW-2	<u>25.11</u>	ft	Comments _____
PZ-2A	<u>10.46</u>	ft	Comments _____
PZ-2B	<u>10.75</u>	ft	Comments _____
PZ-2C	<u>10.24</u>	ft	Comments _____
PZ-2D	<u>10.11</u>	ft	Comments _____
PW-3	<u>23.15</u>	ft	Comments _____
PZ-3A	<u>10.86</u>	ft	Comments _____
PZ-3B	<u>10.95</u>	ft	Comments _____
PZ-3C	<u>11.39</u>	ft	Comments _____
PZ-3D	<u>10.96</u>	ft	Comments _____
PW-4	<u>10.61</u>	ft	Comments _____
PZ-4A	<u>11.36</u>	ft	Comments _____
PZ-4B	<u>10.58</u>	ft	Comments _____
PZ-4C	<u>10.72</u>	ft	Comments _____
PZ-4D	<u>10.08</u>	ft	Comments _____

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

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

Piezometer Water Level Log

Date 1/5/04

Measurements taken by RC Becken

PW-5	<u>19.2</u>	ft	Comments _____
PZ-5A	<u>10.37</u>	ft	Comments _____
PZ-5B	<u>10.38</u>	ft	Comments _____
PZ-5C	<u>9.99</u>	ft	Comments _____
PZ-5D	<u>10.75</u>	ft	Comments _____
PW-6	<u>22.1</u>	ft	Comments _____
PZ-6A	<u>11.44</u>	ft	Comments _____
PZ-6B	<u>11.24</u>	ft	Comments _____
PZ-6C	<u>11.53</u>	ft	Comments _____
PZ-6D	<u>11.34</u>	ft	Comments _____
PW-7	<u>16.04</u>	ft	Comments _____
PZ-7A	<u>11.47</u>	ft	Comments _____
PZ-7B	<u>11.8</u>	ft	Comments _____
PZ-7C	<u>11.17</u>	ft	Comments _____
PZ-7D	<u>10.91</u>	ft	Comments _____
PW-8	<u>23.2</u>	ft	Comments _____
PZ-8A	<u>8.21</u>	ft	Comments _____
PZ-8B	<u>8.15</u>	ft	Comments _____
PZ-8C	<u>7.65</u>	ft	Comments _____
PZ-8D	<u>7.91</u>	ft	Comments _____

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

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

Date/Time 1/12/04 10:00

Inspection personnel RC Becken

Other personnel on site _____

Weather Conditions light snow 32degrees

Are all well pumps operating in auto? YES (NO)

If "NO", provide explanation

RW-1

Provide water level readings on control panel

RW-1	ON	(OFF)	<u>16</u>	ft
PW-2	(ON)	OFF	<u>5</u>	ft
PW-3	(ON)	OFF	<u>7</u>	ft
PW-4	(ON)	OFF	<u>16</u>	ft
PW-5	(ON)	OFF	<u>8</u>	ft
PW-6	(ON)	OFF	<u>7</u>	ft
PW-7	(ON)	OFF	<u>7</u>	ft
PW-8	(ON)	OFF	<u>7</u>	ft
Equalization tank			<u>4</u>	ft

Influent Flow Rate 24.95 gpm

Influent Totalizer Reading 8544264 gallons

Sequestering agent drum level 24" ft-in

Amount of sequestering agent remaining ~120 gallons

Sequestering agent feed rate 0.325 gpm

Sequestering agent metering Pump Pressure 1 psi

Bag filter top pressure 0/4 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 _____ 16 inches H₂O

Air stripper vacuum _____ 17.5 inches H₂O

Effluent feed pump in use #1 (#2)

Effluent feed pump pressure _____ 20 psi

Effluent flow rate _____ 115 gpm

Effluent Totalizer reading _____ 598005 gallons 319111

Are building heaters in use? (YES) NO

Ambient air temperature _____ 59 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: Filters needed changing

Describe any other system maintenance performed

Changed filters used 50micron for the primary filter and 25 micron for the secondary.
Mixed sequestering agent 10:1 mixture 10 pails of water to 1 pail of Carus Quest
101
Installed repaired pump in RW-1, pump operating as designed .

Signature _____

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

Date/Time 1/19/04 9:30

Inspection personnel RC Becken

Other personnel on site Andy Murphy

Weather Conditions light snow 12 degrees

Are all well pumps operating in auto? YES (NO)

If "NO", provide explanation

RW-1 off

Provide water level readings on control panel

RW-1	ON	(OFF)	<u>16</u> ft
PW-2	(ON)	OFF	<u>5</u> ft
PW-3	(ON)	OFF	<u>7</u> ft
PW-4	(ON)	OFF	<u>16</u> ft
PW-5	(ON)	OFF	<u>7</u> ft
PW-6	(ON)	OFF	<u>4</u> ft
PW-7	(ON)	OFF	<u>7</u> ft
PW-8	(ON)	OFF	<u>4</u> ft
Equalization tank			<u>4</u> ft

Influent Flow Rate 30.61 gpm

Influent Totalizer Reading 8780865 gallons

Sequestering agent drum level 2" ft-in

Amount of sequestering agent remaining ~85 gallons

Sequestering agent feed rate 0.325 gpm

Sequestering agent metering Pump Pressure 1 psi

Bag filter top pressure 1 4 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 0 psi

Air stripper blower in use #1 (#2)

Air stripper differential pressure 18 inches H₂O

Air stripper vacuum 15.5 inches H₂O

Effluent feed pump in use (#1) #2

Effluent feed pump pressure 0 psi

Effluent flow rate 0 gpm

Effluent Totalizer reading 743323 gallons 464406

Are building heaters in use? (YES) NO

Ambient air temperature 58 degrees F

Are any leaks present? YES (NO)

Is sump pump in use? YES (NO)

Water level in sump 1"

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	<u> </u>		NA	NA	
GAC effluent	<u> </u>		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: _____

RW-1 not operating, will replace pump with new spare pump.

Checked for silt or sludge in equalization tank, found tank quite clean.

Describe any other system maintenance performed

Switched influent, effluent and blower. Changed filters, found existing filters a lot cleaner than in past weeks, no white sludge on them. Turned off sequestering agent for this week to see how dirty or caked the filters get without any agent in the water.
Worked on auto dailer found the phone line dead, E&E will check phone service.

Signature



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

Date/Time 1/26/04 10:30

Inspection personnel RC Becken

Other personnel on site Andy Murphy

Weather Conditions cold 12 degrees

Are all well pumps operating in auto? YES (NO)

If "NO", provide explanation

RW-! Off again

Provide water level readings on control panel

RW-1	ON	(OFF)	<u>14</u>	ft
PW-2	(ON)	OFF	<u>5</u>	ft
PW-3	(ON)	OFF	<u>7</u>	ft
PW-4	(ON)	OFF	<u>16</u>	ft
PW-5	(ON)	OFF	<u>4</u>	ft
PW-6	(ON)	OFF	<u>5</u>	ft
PW-7	(ON)	OFF	<u>7</u>	ft
PW-8	(ON)	OFF	<u>9</u>	ft
Equalization tank			<u>4</u>	ft

Influent Flow Rate 23.74 gpm

Influent Totalizer Reading 9011743 gallons

Sequestering agent drum level 2" ft-in

Amount of sequestering agent remaining ~80 gallons

Sequestering agent feed rate 0 gpm

Sequestering agent metering Pump Pressure 0 psi

Bag filter top pressure 5 6 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 _____ 17.5 inches H₂O

Air stripper vacuum _____ 17 inches H₂O

Effluent feed pump in use (#1) #2

Effluent feed pump pressure _____ 30 psi

Effluent flow rate _____ 110 gpm

Effluent Totalizer reading _____ 880536 gallons 601619

Are building heaters in use? (YES) NO

Ambient air temperature _____ 58 degrees F

Are any leaks present? YES (NO)

Is sump pump in use? YES (NO)

Water level in sump _____

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

RW-1 off again, pulled pump found no visible signs of a problem. Checked the voltage voltage at the final connection above the pump and found only 67 volts on each lead, if you touched the meter positive terminal the the pavement it registered 67 volts also??? Checked the voltage at the diconnect and it was 60- 67 volts there. Then I found that the ground in the disconnect did not go back to the control panel (which has 118-120 volts on two leads and 140 volts on one lead). After checking the control panel I found one ground wire that had a loose connection after tightening I found I had 118-120 volts on two leads in the disconnect and 140 volts on the last lead. I then wired the pump from RW-1 at the disconnect to see if it would run but no such luck. The heating contractor installed the gas heater but at the end of the day still needed to run the exhaust out through the roof and wire it, he will meet me there next Monday to finish.

Signature Richard C. Becker

Attachment B
E&E ASC Analytical Data Package

Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086



Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

February 03, 2004

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

RE: Mr. C's Dry Cleaners
CostPoint ID: 000699.NY06.04..

Work Order No.: 0401019

Dear Mr. Mike Steffan,

Ecology and Environment, Inc. received 6 samples on Monday, January 05, 2004 for the analyses presented in the following report.

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 note

This report ends on page 73

Ecology and Environment, Inc.

Analytical Services Center
Lancaster, New York 14086
Phone: (716) 685-8080

Laboratory Results

NYS ELAP ID#: 10486

Client: E AND E BUFFALO
Project: Mr. C's Dry Cleaners
Lab Order: 0401019

CASE NARRATIVE

GCMS VOLATILES

A DB624 column from J&W that is 30-m long, 0.2 mm wide, and has a 3-um film thickness was used for the volatile analyses. A 30-cm TEKMAR #5 Trap was used for the volatile analyses consisting of approximately 1 cm of OV-1 packing, approximately 8 cm of Tenax, approximately 8 cm of silica gel, and approximately 8 cm of activated charcoal.

Sample analysis

Volatile samples were determined to be at a pH of 7.

Samples were analyzed within hold time.

Dilution factors applied to air samples indicates reduced volume was used for analysis. Sample PRE GAC was analyzed twice due to the high concentration of tetrachloroethene present. Water sample AS INFLUENT was reanalyzed at a 25-fold dilution due to the level of tetrachloroethene present. Results of both analyses are included in this report.

Calibration and Tunes

All initial and continuing calibrations were acceptable.

QC

Surrogate recoveries were within acceptable limits.

Method blank analyses were 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. The initial and continuing calibrations were acceptable.

QC

The calibration and preparation blank analyses were acceptable. No target elements were detected in the method

Client: E AND E BUFFALO
Project: Mr. C's Dry Cleaners
Lab Order: 0401019

CASE NARRATIVE

blank at concentrations above the reporting limit.
Iron recovery was low for the matrix spike analysis.
Duplicate 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 (MS) recovery and duplicate RPD value were within the control limits.
The laboratory control sample (LCS) recoveries were within the control limits.

GENERAL ANALYTICAL CHEMISTRY

Sample Analysis

Samples were analyzed within hold time.

QC

Method blank analyses were acceptable.
Matrix duplicate and matrix spike results were acceptable.
Laboratory control sample (LCS) recoveries were acceptable. The cyanide ICV is the laboratory control sample.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.



Barbara Krajewski
Project Manager
February 3, 2004

CHAIN OF CUSTODY RECORD

ASH 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: _____
 Page: / of /

PROJECT NO: 000694 NY0605		LOCATION: (Include State) EAST AURORA, NY	
CLIENT: NYSDEC		CONTAINER TYPE AND PRESERVATIVE 16 PCY HMB3 16 PCY MACH 16 PCY VIAL 16 PCY VIAL S/MMA	
SITE NAME: M.R.C.'S DRY CLEANERS		REQUESTED ANALYSIS VOCs (T-14) VOCs TSS, TDS CYM: BE METHS, ADDRESS	
PROJECT MANAGER: MIKE STEFFAN		NO. OF CONTAINERS 6 GM 6 GM 1 A 1 A	
FIELD TEAM LEADER: ANDY MURPHY RICK BECKEN		CHECK FOR M/MSD MATRIX CODE	
DATE	TIME	SAMPLE ID	REMARKS
1/5/04	1305	AS INFLUENT	TSS/TDS SAMPLE - CAP DAMAGED
1/5/04	1300	AS EFFLUENT	
1/5/04	1341	PRE GAC	START @ 12:41
1/5/04	1341	POST GAC	START @ 12:41
TURNAROUND TIME: 24-HOUR <input type="checkbox"/> R 48-HOUR <input type="checkbox"/> U 1-WEEK <input type="checkbox"/> S STANDARD <input checked="" type="checkbox"/> H OTHER _____		LAB PROJECT NO.: _____ LAB PROJECT MANAGER: _____	
TEMPERATURE BLANK INFO: Enclosed: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Ship Via: _____ Date: _____		(FOR LAB USE ONLY) Date: _____ Time: _____ Temperature: _____ C° Work Order No: _____	
Relinquished By: (Signature) <i>[Signature]</i>	Date/Time: 1-5-04 1445	Received By: (Signature) <i>[Signature]</i>	Date/Time: 1-5-04 1445
Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Date/Time:
Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Date/Time:



Cooler Receipt Form

PACKAGE RECEIPT #: 12503 NUMBER OF COOLERS: 1 DATE RECEIVED: 1-5-04
 CLIENT: E+E Bot. PROJECT OR SITE NAME: Mr. C's Dry Cleaner

A. Preliminary Examination Phase

CIRCLE ONE
 YES NO NA

1. Did coolers come with airbill or packing slip? _____

Enter carrier here and print airbill # below: (Circle One) FedEx Airborne Client Other _____

Ship as high hazard or dangerous goods _____

YES NO NA

2. Did cooler(s) have custody seals? _____

YES NO NA

3. Were custody seals unbroken and intact on receipt? _____

YES NO* NA

4. Were custody seals dated and signed? _____

YES NO NA

5. Sign here to acknowledge receipt of cooler (s): William H. Howard

Date cooler(s) opened: 1-5-04 C-O-C numbers: _____

Cooler(s) opened by (print): William H. Howard Signature: William H. Howard

6. Were the C-O-C forms received? _____

YES NO* NA

7. Was the project identifiable from the C-O-C form? _____

YES NO* NA

Please Record Temperature Blank Vial or Cooler Temperature for Each Cooler, Range (2° - 6°C)* NJDEP must be <4°C

AIRBILL #	TEMP. °C	AIRBILL #	TEMP. °C	AIRBILL #	TEMP. °C
—	3.5				

Thermometer # 129 Correction Factor 0.0 * If No or Temperature Outside of Acceptable Range, prepare a PM Notification form.

B. Unpacking Phase

8. Was enough packing material used in cooler(s)? _____

YES NO NA

Type of material: Vermiculite Bubble Wrap Other

9. If required, was enough ice used? _____

YES NO NA

If YES, type of ice used: Wet Dry Blue Other

10. Was a temperature blank vial included inside cooler(s)? _____

YES NO NA

If YES, indicate temperature blank vial temperature in table above. If NO, indicate cooler temperature in table above.

11. Were all containers sealed in separate plastic bags? _____

YES NO NA

12. Did all containers arrive unbroken and in good condition? _____

YES NO* NA

13. Samples stored in W Cooler before Login Phase? _____

YES NO

If yes: Signature In: _____ Date/Time: _____

Signature Out: _____ Date/Time: _____

C. Login Phase

Samples Logged in By (print): William H. Howard Signature: William H. Howard

Date: 1-5-04

14. Were all container labels complete (e.g. date, time preserved)? _____

YES NO* NA

15. Were all C-O-C forms filled out properly in ink and signed? _____

YES NO* NA

16. Did the C-O-C form agree with containers received? _____

YES NO* NA

17. Were the correct containers used for the tests requested? _____

YES NO* NA

18. Were the correct preservatives listed on the sample labels? _____

YES NO* NA

19. Was a sufficient sample volume sent for the tests requested? _____

YES NO* NA

20. Were all volatile samples received without head space? _____

YES NO* NA

*Prepare a PM Notification form.

Ecology and Environment, Inc.

Analytical Services Center

Lancaster, New York 14086

Phone: (716) 685-8080

Laboratory Results

NYS ELAP ID#: 10486

CLIENT: E and E Buffalo Office
Project: Mr. C's Dry Cleaners
Lab Order: 0401019
Date Received: 1/5/2004

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Alt. Client Id	Collection Date
0401019-01A	AS INFLUENT		1/5/2004 1:05:00 PM
0401019-01B	AS INFLUENT		1/5/2004 1:05:00 PM
0401019-01C	AS INFLUENT		1/5/2004 1:05:00 PM
0401019-01D	AS INFLUENT		1/5/2004 1:05:00 PM
0401019-02A	AS EFFLUENT		1/5/2004 1:00:00 PM
0401019-02B	AS EFFLUENT		1/5/2004 1:00:00 PM
0401019-02C	AS EFFLUENT		1/5/2004 1:00:00 PM
0401019-02D	AS EFFLUENT		1/5/2004 1:00:00 PM
0401019-03A	TRIP BLANK		12/22/2003 7:00:00 AM
0401019-04A	STORAGE BLANK		1/5/2004 5:15:00 PM
0401019-05A	PRE GAC		1/5/2004 1:41:00 PM
0401019-06A	POST GAC		1/5/2004 1:41:00 PM

Lab Order: 0401019
 Client: E and E Buffalo Office
 Project: Mr. C's Dry Cleaners

DATES SUMMARY REPORT

(LAB) Sample ID (CLIENT)	Matrix	Test Name	Collection Date	Received Date	HT (Days) / HT Expire	Analyzed* - Analysis/BatchID	Type DF	#Analytes	Flag
0401019-02A	AS EFFLUENT	Water	1/5/2004 1:00:00 PM	1/5/2004 2:45:00 PM	7:R 1/12/2004 2:45:00 PM	1/6/2004 10:42:00 AM	SAMP	1	48
0401019-02B		Volatile Organic Compounds by Method OLM04.2			5:R 1/10/2004 2:45:00 PM	1/6/2004	SAMP	1	1
		Total Dissolved Solids (TDS) by method EPA 160.1			5:R 1/10/2004 2:45:00 PM	1/6/2004	SAMP	1	1
		Total Suspended Solids, Non-filterable Residue			12:R 1/17/2004 2:45:00 PM	1/8/2004 12:05:02 PM	SAMP	1	1
		Cyanide Prep, Total for Water by ILM04.1			12:R 1/17/2004 2:45:00 PM	1/7/2004 10:04:57 AM	NA	NA	NA
0401019-02C		Total Cyanide by ILM04.1			180:R 7/3/2004 2:45:00 PM	1/6/2004	SAMP	1	1
		Hardness, Total by Method EPA 130.2			26:R 1/31/2004 2:45:00 PM	1/20/2004 8:56:10 AM	SAMP	1	1
		Mercury Analysis by Method ILM04.1			26:R 1/31/2004 2:45:00 PM	1/16/2004 9:23:27 AM	NA	NA	NA
0401019-02D		CLP Mercury Prep for Water by ILM04.1			180:R 7/3/2004 2:45:00 PM	1/27/2004 7:08:26 PM	SAMP	1	14
		ICP Metals Analysis by Method ILM04.1			180:R 7/3/2004 2:45:00 PM	1/21/2004 9:32:13 AM	NA	NA	NA
		CLP Metals ICP Digestion of Waters by ILM04.1							

(LAB) Sample ID (CLIENT)	Matrix	Test Name	Collection Date	Received Date	HT (Days) / HT Expire	Analyzed* - Analysis/BatchID	Type DF	#Analytes	Flag
0401019-01A	AS INFLUENT	Water	1/5/2004 1:05:00 PM	1/5/2004 2:45:00 PM	7:R 1/12/2004 2:45:00 PM	1/6/2004 11:13:00 AM	SAMP	1	48
0401019-01B		Volatile Organic Compounds by Method OLM04.2			5:R 1/10/2004 2:45:00 PM	1/6/2004	SAMP	1	1
		Total Dissolved Solids (TDS) by method EPA 160.1			5:R 1/10/2004 2:45:00 PM	1/6/2004	SAMP	1	1
		Total Suspended Solids, Non-filterable Residue			5:R 1/10/2004 2:45:00 PM	1/6/2004	SAMP	1	1
		Total Cyanide by ILM04.1			12:R 1/17/2004 2:45:00 PM	1/8/2004 12:02:03 PM	SAMP	1	1
0401019-01C		Cyanide Prep, Total for Water by ILM04.1			12:R 1/17/2004 2:45:00 PM	1/7/2004 10:04:57 AM	NA	NA	NA
		Hardness, Total by Method EPA 130.2			180:R 7/3/2004 2:45:00 PM	1/6/2004	SAMP	1	1
		Mercury Analysis by Method ILM04.1			26:R 1/31/2004 2:45:00 PM	1/20/2004 8:54:32 AM	SAMP	1	1
0401019-01D		CLP Mercury Prep for Water by ILM04.1			26:R 1/31/2004 2:45:00 PM	1/16/2004 9:23:27 AM	NA	NA	NA

HT From: C-Collection / R-Receipt(VTSR) / P-Prep / T-TCLP Prep

* "Analyzed" reflects the analysis date and time or injection time for analytical tests. For preparation tests "Analyzed" reflects the start of the preparation except when "AFCEE criteria used"; flag indicates date and time of completion of the preparation.
 For TCLP/SPLP Extractions and subsequent preparation tests... "Analyzed" reflects the date of TCLP/SPLP Extraction/preparation. For Re-extracted (RE) samples: Preparation tests completed dates reflects the extraction from the original sample leachate unless an "RE" Sample exists for the extraction (tumble) test.

Lab Order: 0401019
 Client: E and E Buffalo Office
 Project: Mr. C's Dry Cleaners

DATES SUMMARY REPORT

(LAB) Sample ID (CLIENT)	Matrix	Test Name	Collection Date	Received Date	HT (Days) / HT Expire	Analyzed* - Analysis/BatchID	Type DF	#Analytes	Flag
0401019-01D	AS INFLUENT	ICP Metals Analysis by Method ILM04.1 CLP Metals ICP Digestion of Waters by ILM04.1	1/5/2004 1:05:00 PM	1/5/2004 2:45:00 PM	180.R 7/3/2004 2:45:00 PM	1/27/2004 6:53:12 PM	SAMP 1	14	
0401019-06A	POST GAC	Volatiles Organics in Air by Method TO-14A	1/5/2004 1:41:00 PM	1/5/2004 2:45:00 PM	7.R 1/12/2004 2:45:00 PM	1/8/2004 5:01:00 PM	SAMP 1	41	
0401019-05A	PRE GAC	Volatiles Organics in Air by Method TO-14A	1/5/2004 1:41:00 PM	1/5/2004 2:45:00 PM	7.R 1/12/2004 2:45:00 PM	1/8/2004 3:20:00 PM	SAMP 10	41	
0401019-04A	STORAGE BLANK	Water	1/5/2004 5:15:00 PM	1/5/2004 2:45:00 PM	7.R 1/12/2004 2:45:00 PM	1/6/2004 3:16:00 PM	SAMP 1	48	
0401019-03A	TRIP BLANK	Water	12/22/2003 7:00:00 AM	1/5/2004 2:45:00 PM	7.R 1/12/2004 2:45:00 PM	1/6/2004 10:12:00 AM	SAMP 1	48	

HT From: C-Collection / R- Receipt(VTSR) / P-Prep / T-TCLP Prep

* "Analyzed" reflects the analysis date and time or injection time for analytical tests. For preparation tests "Analyzed" reflects the start of the preparation except when "AFCEE criteria used"; flag indicates date and time of completion of the preparation.
 For TCLP/SPLP Extractions and subsequent preparation tests... "Analyzed" reflects the date of TCLP/SPLP Extraction/preparation. For Re-extracted (RE) samples: Preparation tests completed dates reflects the extraction from the original sample leachate unless an "RE" Sample exists for the extraction (tumble) test.

Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

Client: E and E Buffalo Office

Project: Mr. C's Dry Cleaners

Work Order: 0401019

Method References

GCMS Volatiles

DEC ASP VOCs by Method OLM04.2

USEPA Contract Laboratory Program Statement of Work for Organics Analysis, Multi-Media, Multi-Concentration, OLM04.0 (Revision OLM04.1)

VOCs in Air by GCMS Method TO-14A

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition. 1997. EPA-625/R-96-010B. Compendium Methods TO-14A, 15,16,17. (NCEPI or AMTIC)

Mercury

CLP Mercury Analysis by Method ILM04.1

USEPA Contract Laboratory Program Statement of Work for Inorganics Analysis, Multi-Media, Multi-Concentration, ILM04.1. 2000. Environmental Protection Agency, Office of Solid Waste and Emergency Response.

Metals

CLP TAL Metals by Method ILM04.1

USEPA Contract Laboratory Program Statement of Work for Inorganics Analysis, Multi-Media, Multi-Concentration, ILM04.1. 2000. Environmental Protection Agency, Office of Solid Waste and Emergency Response.

WetChemistry

Hardness, Total by Method EPA 130.2

Methods for Chemical Analysis of Water and Wastes. 1983. EPA-600/4-79-020. U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory.

Total Cyanide by SOW ILM04.1

USEPA Contract Laboratory Program Statement of Work for Inorganics Analysis, Multi-Media, Multi-Concentration, ILM04.1. 2000. Environmental Protection Agency, Office of Solid Waste and Emergency Response.

Total Dissolved Solids (TDS) by method 160.1

Methods for Chemical Analysis of Water and Wastes. 1983. EPA-600/4-79-020. U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory.

Total Suspended Solids (TSS) by method 160.2

Methods for Chemical Analysis of Water and Wastes. 1983. EPA-600/4-79-020. U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory.

GCMS VOLATILES

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

NYS ELAP ID#: 10486

Phone: (716) 685-8080

Client: E and E Buffalo Office

Client Sample ID: PRE GAC

Lab Order: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 1/5/2004 1:41:00 PM % Moist:

Lab ID: 0401019-05A

Sample Type: SAMP

Matrix: Air

Test Code: 1_TO14_A

VOLATILE ORGANICS IN AIR BY METHOD TO-14A

Method: EPATO14

Prep Method:

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
1,1,1-Trichloroethane	ND		50.0	ppbv	10	1/8/2004 3:20:00 PM	JAKE_040108A	RMJ
1,1,2,2-Tetrachloroethane	ND		50.0	ppbv	10			
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50.0	ppbv	10			
1,1,2-Trichloroethane	ND		50.0	ppbv	10			
1,1-Dichloroethane	ND		50.0	ppbv	10			
1,1-Dichloroethene	ND		50.0	ppbv	10			
1,2,4-Trichlorobenzene	ND		50.0	ppbv	10			
1,2,4-Trimethylbenzene	ND		50.0	ppbv	10			
1,2-Dibromoethane	ND		50.0	ppbv	10			
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		50.0	ppbv	10			
1,2-Dichlorobenzene	ND		50.0	ppbv	10			
1,2-Dichloroethane	ND		50.0	ppbv	10			
1,2-Dichloropropane	ND		50.0	ppbv	10			
1,3,5-Trimethylbenzene	ND		50.0	ppbv	10			
1,4-Dichlorobenzene	ND		50.0	ppbv	10			
1,4-Dichlorobenzene	ND		50.0	ppbv	10			
Benzene	ND		50.0	ppbv	10			
Benzyl chloride	ND		50.0	ppbv	10			
Bromomethane	ND		50.0	ppbv	10			
Carbon tetrachloride	ND		50.0	ppbv	10			
Chlorobenzene	ND		50.0	ppbv	10			
Chloroethane	ND		50.0	ppbv	10			
Chloroform	ND		50.0	ppbv	10			
Chloromethane	ND		50.0	ppbv	10			
cis-1,2-Dichloroethene	ND		50.0	ppbv	10			
cis-1,3-Dichloropropene	ND		50.0	ppbv	10			
Dichlorodifluoromethane	ND		50.0	ppbv	10			
Ethylbenzene	ND		50.0	ppbv	10			
Hexachlorobutadiene	ND		50.0	ppbv	10			
m,p-Xylene	ND		100	ppbv	10			
Methylene chloride	ND		50.0	ppbv	10			
o-Xylene	ND		50.0	ppbv	10			
Styrene	ND		50.0	ppbv	10			
Tetrachloroethene	729	E	50.0	ppbv	10			
Toluene	ND		50.0	ppbv	10			
trans-1,2-Dichloroethene	ND		50.0	ppbv	10			
trans-1,3-Dichloropropene	ND		50.0	ppbv	10			

Definitions:

Recovery outside QC limits

B - Analyte found in Method blank

D - Diluted due to matrix or extended target compounds

DF - Dilution Factor

DNI - Did not Ignite

E - Result exceeds Highest Calibration Standard

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

Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

Client: E and E Buffalo Office

Lab Order: 0401019

Project: Mr. C's Dry Cleaners

Lab ID: 0401019-05A

Sample Type: SAMP

Matrix: Air

Client Sample ID: PRE GAC

Alt. Client ID:

Collection Date: 1/5/2004 1:41:00 PM % Moist:

Test Code: 1_TO14_A

VOLATILE ORGANICS IN AIR BY METHOD TO-14A

Method: EPATO14

Prep Method:

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
Trichloroethene	18.6	J	50.0	ppbv	10			
Trichlorofluoromethane	ND		50.0	ppbv	10			
Vinyl chloride	ND		50.0	ppbv	10			
Xylenes, Total	ND		150	ppbv	10			
Surr:1,2-Dichloroethane-d4	101		80 - 120	%REC	10	1/8/2004 3:20:00 PM	JAKE_040108A	RMJ
Surr:4-Bromofluorobenzene	98		80 - 120	%REC	10			
Surr:Toluene-d8	99		80 - 120	%REC	10			

Definitions:

H - 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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

M - Matrix Spike Recovery outside limits

ND - Not Detected at the Reporting Limit

R - RPD outside recovery limits

Ecology and Environment, Inc.

Analytical Services Center

193 Walden Avenue
Canaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

CLIENT: E and E Buffalo Office

Client Sample ID: PRE GAC

Lab Order: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 1/5/2004 1:41:00 PM

Lab ID: 0401019-05A

Sample Type: SAMP

Matrix: AIR

% Moist:

TENTATIVELY IDENTIFIED COMPOUNDS

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	Units	DF	Quality(%)	Date Analyzed	Run Batch ID	Analyst
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VOLATILE ORGANICS IN AIR BY METHOD TO-14A

1_TO14_A

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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

M - Matrix Spike Recovery outside limits

ND - Not Detected at the Reporting Limit

R - RPD outside recovery limits

Client: E and E Buffalo Office

Client Sample ID: PRE GAC

Lab Order: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 1/5/2004 1:41:00 PM % Moist:

Lab ID: 0401019-05A

Sample Type: DL

Matrix: Air

Test Code: 1_TO14_A

VOLATILE ORGANICS IN AIR BY METHOD TO-14A

Method: EPATO14

Prep Method:

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
1,1,1-Trichloroethane	ND		100	ppbv	20	1/8/2004 6:12:00 PM	JAKE_040108A	RMJ
1,1,2,2-Tetrachloroethane	ND		100	ppbv	20			
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	ppbv	20			
1,1,2-Trichloroethane	ND		100	ppbv	20			
1,1-Dichloroethane	ND		100	ppbv	20			
1,1-Dichloroethene	ND		100	ppbv	20			
1,2,4-Trichlorobenzene	ND		100	ppbv	20			
1,2,4-Trimethylbenzene	ND		100	ppbv	20			
1,2-Dibromoethane	ND		100	ppbv	20			
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		100	ppbv	20			
1,2-Dichlorobenzene	ND		100	ppbv	20			
1,2-Dichloroethane	ND		100	ppbv	20			
1,2-Dichloropropane	ND		100	ppbv	20			
1,3,5-Trimethylbenzene	ND		100	ppbv	20			
1,3-Dichlorobenzene	ND		100	ppbv	20			
1,4-Dichlorobenzene	ND		100	ppbv	20			
Benzene	ND		100	ppbv	20			
Benzyl chloride	ND		100	ppbv	20			
Bromomethane	ND		100	ppbv	20			
Carbon tetrachloride	ND		100	ppbv	20			
Chlorobenzene	ND		100	ppbv	20			
Chloroethane	ND		100	ppbv	20			
Chloroform	ND		100	ppbv	20			
Chloromethane	ND		100	ppbv	20			
cis-1,2-Dichloroethene	ND		100	ppbv	20			
cis-1,3-Dichloropropene	ND		100	ppbv	20			
Dichlorodifluoromethane	ND		100	ppbv	20			
Ethylbenzene	ND		100	ppbv	20			
Hexachlorobutadiene	ND		100	ppbv	20			
m,p-Xylene	ND		200	ppbv	20			
Methylene chloride	ND		100	ppbv	20			
o-Xylene	ND		100	ppbv	20			
Styrene	ND		100	ppbv	20			
Tetrachloroethene	713		100	ppbv	20			
Toluene	ND		100	ppbv	20			
trans-1,2-Dichloroethene	ND		100	ppbv	20			
trans-1,3-Dichloropropene	ND		100	ppbv	20			

Definitions:

H - Recovery outside QC limits

B - Analyte found in Method blank

D - Diluted due to matrix or extended target compounds

DF - Dilution Factor

DNI - Did not Ignite

E - Result exceeds Highest Calibration Standard

H - Value Exceeds Maximum Contaminant Level

J - Estimated value

M - Matrix Spike Recovery outside limits

NC - 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

Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

Client: E and E Buffalo Office

Lab Order: 0401019

Project: Mr. C's Dry Cleaners

Lab ID: 0401019-05A

Sample Type: DL

Matrix: Air

Client Sample ID: PRE GAC

Alt. Client ID:

Collection Date: 1/5/2004 1:41:00 PM % Moist:

Test Code: 1_TO14_A

VOLATILE ORGANICS IN AIR BY METHOD TO-14A

Method: EPATO14

Prep Method:

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
Trichloroethene	ND		100	ppbv	20			
Trichlorofluoromethane	ND		100	ppbv	20			
Vinyl chloride	ND		100	ppbv	20			
Xylenes, Total	ND		300	ppbv	20			
Surr:1,2-Dichloroethane-d4	100		80 - 120	%REC	20	1/8/2004 6:12:00 PM	JAKE_040108A	RMJ
Surr:4-Bromofluorobenzene	102		80 - 120	%REC	20			
Surr:Toluene-d8	97		80 - 120	%REC	20			

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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

M - Matrix Spike Recovery outside limits

ND - Not Detected at the Reporting Limit

R - RPD outside recovery limits

Ecology and Environment, Inc.

Analytical Services Center

1493 Walden Avenue

Canaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

CLIENT: E and E Buffalo Office

Client Sample ID: PRE GAC

Lab Order: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 1/5/2004 1:41:00 PM

Lab ID: 0401019-05A

Sample Type: DL

Matrix: AIR

% Moist:

TENTATIVELY IDENTIFIED COMPOUNDS

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	Units	DF	Quality(%)	Date Analyzed	Run Batch ID	Analyst
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VOLATILE ORGANICS IN AIR BY METHOD TO-14A

1_TO14_A

74-98-6	Propane	1.43	24	NJ	ppbv	20	43	1/8/2004 6:12:00 PM	JAKE_040108A	
107-83-5	Pentane, 2-methyl-	3.43	41	NJ	ppbv	20	91			
2216-34-4	Octane, 4-methyl-	11.98	23	NJ	ppbv	20	94			
127-19-5	Acetamide, N,N-dimethyl-	14.29	380	NJ	ppbv	20	91			
17301-32-5	Undecane, 4,7-dimethyl-	16.89	22	NJ	ppbv	20	78			
104-76-7	1-Hexanol, 2-ethyl-	17.28	39	NJ	ppbv	20	90			
108-95-2	Phenol (17.842)	17.84	69	NJ	ppbv	20	97			

Number TICs Found: 7

Initiations:

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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

M - Matrix Spike Recovery outside limits

ND - Not Detected at the Reporting Limit

R - RPD outside recovery limits

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

NYS ELAP ID#: 10486

Phone: (716) 685-8080

Client: E and E Buffalo Office

Client Sample ID: POST GAC

Lab Order: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 1/5/2004 1:41:00 PM % Moist:

Lab ID: 0401019-06A

Sample Type: SAMP

Matrix: Air

Test Code: 1_TO14_A

VOLATILE ORGANICS IN AIR BY METHOD TO-14A

Method: EPATO14

Prep Method: NA

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
1,1,1-Trichloroethane	ND		5.00	ppbv	1	1/8/2004 5:01:00 PM	JAKE_040108A	RMJ
1,1,2,2-Tetrachloroethane	ND		5.00	ppbv	1			
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	ppbv	1			
1,1,2-Trichloroethane	ND		5.00	ppbv	1			
1,1-Dichloroethane	ND		5.00	ppbv	1			
1,1-Dichloroethene	ND		5.00	ppbv	1			
1,2,4-Trichlorobenzene	ND		5.00	ppbv	1			
1,2,4-Trimethylbenzene	ND		5.00	ppbv	1			
1,2-Dibromoethane	ND		5.00	ppbv	1			
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		5.00	ppbv	1			
1,2-Dichlorobenzene	ND		5.00	ppbv	1			
1,2-Dichloroethane	ND		5.00	ppbv	1			
1,2-Dichloropropane	ND		5.00	ppbv	1			
1,3,5-Trimethylbenzene	ND		5.00	ppbv	1			
1,3-Dichlorobenzene	ND		5.00	ppbv	1			
1,4-Dichlorobenzene	ND		5.00	ppbv	1			
Benzene	ND		5.00	ppbv	1			
Benzyl chloride	ND		5.00	ppbv	1			
Bromomethane	ND		5.00	ppbv	1			
Carbon tetrachloride	ND		5.00	ppbv	1			
Chlorobenzene	ND		5.00	ppbv	1			
Chloroethane	ND		5.00	ppbv	1			
Chloroform	ND		5.00	ppbv	1			
Chloromethane	ND		5.00	ppbv	1			
cis-1,2-Dichloroethene	ND		5.00	ppbv	1			
cis-1,3-Dichloropropene	ND		5.00	ppbv	1			
Dichlorodifluoromethane	ND		5.00	ppbv	1			
Ethylbenzene	ND		5.00	ppbv	1			
Hexachlorobutadiene	ND		5.00	ppbv	1			
m,p-Xylene	ND		10.0	ppbv	1			
Methylene chloride	ND		5.00	ppbv	1			
o-Xylene	ND		5.00	ppbv	1			
Styrene	ND		5.00	ppbv	1			
Tetrachloroethene	3.91	J	5.00	ppbv	1			
Toluene	ND		5.00	ppbv	1			
trans-1,2-Dichloroethene	ND		5.00	ppbv	1			
trans-1,3-Dichloropropene	ND		5.00	ppbv	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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

M - Matrix Spike Recovery outside limits

ND - Not Detected at the Reporting Limit

R - RPD outside recovery limits

Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

Client: E and E Buffalo Office

Client Sample ID: POST GAC

Lab Order: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 1/5/2004 1:41:00 PM % Moist:

Lab ID: 0401019-06A

Sample Type: SAMP

Matrix: Air

Test Code: 1_TO14_A

VOLATILE ORGANICS IN AIR BY METHOD TO-14A

Method: EPATO14

Prep Method: NA

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
Trichloroethene	ND		5.00	ppbv	1			
Trichlorofluoromethane	ND		5.00	ppbv	1			
Vinyl chloride	ND		5.00	ppbv	1			
Xylenes, Total	ND		15.0	ppbv	1			
Surr:1,2-Dichloroethane-d4	110		80 - 120	%REC	1	1/8/2004 5:01:00 PM	JAKE_040108A	RMJ
Surr:4-Bromofluorobenzene	99		80 - 120	%REC	1			
Surr:Toluene-d8	97		80 - 120	%REC	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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

M - Matrix Spike Recovery outside limits

ND - Not Detected at the Reporting Limit

R - RPD outside recovery limits

Ecology and Environment, Inc.

Analytical Services Center

493 Walden Avenue

Canaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

CLIENT: E and E Buffalo Office

Client Sample ID: POST GAC

Lab Order: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 1/5/2004 1:41:00 PM

Lab ID: 0401019-06A

Sample Type: SAMP

Matrix: AIR

% Moist:

TENTATIVELY IDENTIFIED COMPOUNDS

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	Units	DF	Quality(%)	Date Analyzed	Run Batch ID	Analyst
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VOLATILE ORGANICS IN AIR BY METHOD TO-14A

1_TO14_A

625-38-7	3-Butenoic acid	1.42	1	NJ	ppbv	1	56	1/8/2004 5:01:00 PM	JAKE_040108A	
75-45-6	Methane, chlorodifluoro-	1.47	3	NJ	ppbv	1	91			
75-28-5	Isobutane	1.59	2	NJ	ppbv	1	64			
106-97-8	Butane	1.72	3	NJ	ppbv	1	50			
75-07-0	Acetaldehyde	1.84	1	NJ	ppbv	1	86			
91-20-3	Naphthalene (21.012)	21.01	3	NJ	ppbv	1	97			

Number TICs Found: 6

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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

M - Matrix Spike Recovery outside limits

ND - Not Detected at the Reporting Limit

R - RPD outside recovery limits

Ecology and Environment, Inc.
 Analytical Services Center
 4493 Walden Avenue
 Lancaster, New York 14086

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

CLIENT: E and E Buffalo Office
Work Order: 0401019
Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT
 Method Blank

VOCs in Air by GCMS Method TO-14A

Test Code: 1_7014_A

Sample ID: **MB-1754-9-2** Client Sample ID: **881715** Units: ppbv
 Run Batch ID: **JAKE_040108A** SeqNo: **881715** Analysis Date: **1/8/2004 2:26:00 PM** Prep Batch ID: **040108401r** DF: 1 DL_No: 1
 Analyte Type / Name Result MDL RL Spike Value Orig Result %REC LowLimit HighLimit RPD RPD Limit¹ Qual

A 1,1,1-Trichloroethane	ND	0.1140	5.000								
A 1,1,2,2-Tetrachloroethane	ND	0.1140	5.000								
A 1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.08530	5.000								
A 1,1,2-Trichloroethane	ND	0.07340	5.000								
A 1,1-Dichloroethane	ND	0.1100	5.000								
A 1,1-Dichlorobenzene	ND	0.1380	5.000								
A 1,2,4-Trichlorobenzene	ND	0.1400	5.000								
A 1,2,4-Trimethylbenzene	ND	0.6910	5.000								
A 1,2-Dibromoethane	ND	0.09860	5.000								
A 1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.1020	5.000								
A 1,2-Dichlorobenzene	ND	0.09150	5.000								
A 1,2-Dichloroethane	ND	0.1100	5.000								
A 1,2-Dichloropropane	ND	0.07740	5.000								
A 1,3,5-Trimethylbenzene	ND	0.5910	5.000								
A 1,3-Dichlorobenzene	ND	0.1020	5.000								
A 1,4-Dichlorobenzene	ND	0.09400	5.000								
A Benzene	ND	0.08440	5.000								
A Benzyl chloride	ND	0.3270	5.000								
A Bromomethane	ND	0.2230	5.000								
A Carbon tetrachloride	ND	0.1130	5.000								
A Chlorobenzene	ND	0.07170	5.000								
A Chloroethane	ND	0.1340	5.000								

Definitions:

* - Recovery outside QC limits
 DNI - Did not Ignite
 M - Matrix Spike Recovery outside limits
 NP - Petroleum Pattern is not present
 B - Analyte found in Method blank
 E - Result exceeds Highest Calibration Standard
 N - Single Column Analysis
 P - Post Spike Recovery outside limits
 D - Diluted due to matrix or extended target compounds
 H - Value Exceeds Maximum Contaminant Level
 NC - Not Calculated
 R - RPD outside recovery limits
 DF - Dilution Factor
 J - Estimated value
 ND - Not Detected at the Reporting Limit

Footnotes: 1 - Represents RSD Limit for Quad Analysis RL - Reporting Limit

Ecology and Environment, Inc.
Analytical Services Center

4493 Walden Avenue
 Lancaster, New York 14086

Laboratory Results

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

CLIENT: E and E Buffalo Office

Work Order: 0401019

Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT
Method Blank

VOCs in Air by GCMS Method TO-14A

Sample ID: **MB-1754-9-2** Client Sample ID: **881715** Test Code: **1_T014_A**

Run Batch ID: **JAKE_040108A** SeqNo: **881715** Analysis Date: **1/8/2004 2:26:00 PM** Prep Batch ID: **040108401r**

Analyte Type / Name Result MDL RL Spike Value Orig Result %REC LowLimit HighLimit RPD RPD Limit¹ Qual

Analyte Type / Name	Result	MDL	RL	Spike Value	Orig Result	%REC	LowLimit	HighLimit	RPD	RPD Limit ¹	Qual
A Chloroform	ND	0.1210	5.000								
A Chloromethane	ND	0.1880	5.000								
A cis-1,2-Dichloroethene	ND	0.08640	5.000								
A cis-1,3-Dichloropropene	ND	0.2400	5.000								
A Dichlorodifluoromethane	ND	0.2190	5.000								
A Ethylbenzene	ND	0.08330	5.000								
A Hexachlorobutadiene	ND	0.1700	5.000								
A m,p-Xylene	ND	0.2010	10.00								
A Methylene chloride	ND	0.1050	5.000								
A o-Xylene	ND	0.07150	5.000								
A Styrene	ND	0.06790	5.000								
A Tetrachloroethene	ND	0.08240	5.000								
A Toluene	ND	0.06910	5.000								
A trans-1,2-Dichloroethene	ND	0.07910	5.000								
A trans-1,3-Dichloropropene	ND	1.100	5.000								
A Trichloroethene	ND	0.07490	5.000								
A Trichlorofluoromethane	ND	0.09140	5.000								
A Vinyl chloride	ND	0.3080	5.000								
A Xylenes, Total	ND	0.2640	15.00								
S 1,2-Dichloroethane-d4	11.23	0	0			112	80	120			
S 4-Bromofluorobenzene	11.93	0	0			119	80	120			
S Toluene-d8	10.20	0	0			102	80	120			

Definitions:

- * - Recovery outside QC limits
- DNI - Did not Ignite
- M - Matrix Spike Recovery outside limits
- NP - Petroleum Pattern is not present

- B - Analyte found in Method blank
- E - Result exceeds Highest Calibration Standard
- N - Single Column Analysis
- P - Post Spike Recovery outside limits

- D - Diluted due to matrix or extended target compounds
- H - Value Exceeds Maximum Contaminant Level
- NC - Not Calculated
- R - RPD outside recovery limits

- DF - Dilution Factor
- J - Estimated value
- ND - Not Detected at the Reporting Limit

Footnotes: 1 - Represents RSD Limit for Quad Analysis RL - Reporting Limit

Ecology and Environment, Inc.
Analytical Services Center

4493 Walden Avenue
 Lancaster, New York 14086

Laboratory Results

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

CLIENT: E and E Buffalo Office
Work Order: 0401019
Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT
 Sample Duplicate

VOCs in Air by GCMS Method TO-14A

Test Code: L_TO14_A

Sample ID: 0401019-06A Client Sample ID: POST GAC
 Run Batch ID: JAKE_040108A SeqNo: 881711 Analysis Date: 1/8/2004 5:37:00 PM Prep Batch ID: 040108401r

Units: ppbv
 DF: 1 DL_No: 1
 Prep Date:

Analyte Type / Name	Result	MDL	RL	Spike Value	Orig Result	%REC	LowLimit	HighLimit	RPD	RPD Limit ¹	Qual
A 1,1,1-Trichloroethane	ND	0.1140	5.000		0				0.0	20	
A 1,1,2,2-Tetrachloroethane	ND	0.1140	5.000		0				0.0	20	
A 1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.08530	5.000		0				0.0	20	
A 1,1,2-Trichloroethane	ND	0.07340	5.000		0				0.0	20	
A 1,1-Dichloroethane	ND	0.1100	5.000		0				0.0	20	
A 1,1-Dichloroethene	ND	0.1380	5.000		0				0.0	20	
A 1,2,4-Trichlorobenzene	ND	0.1400	5.000		0				0.0	20	
A 1,2,4-Trimethylbenzene	ND	0.6910	5.000		0				0.0	20	
A 1,2-Dibromoethane	ND	0.09860	5.000		0				0.0	20	
A 1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.1020	5.000		0				0.0	20	
A 1,2-Dichlorobenzene	ND	0.09150	5.000		0				0.0	20	
A 1,2-Dichloroethane	ND	0.1100	5.000		0				0.0	20	
A 1,2-Dichloropropane	ND	0.07740	5.000		0				0.0	20	
A 1,3,5-Trimethylbenzene	ND	0.5910	5.000		0				0.0	20	
A 1,3-Dichlorobenzene	ND	0.1020	5.000		0				0.0	20	
A 1,4-Dichlorobenzene	ND	0.09400	5.000		0				0.0	20	
A Benzene	ND	0.08440	5.000		0				0.0	20	
A Benzyl chloride	ND	0.3270	5.000		0				0.0	20	
A Bromomethane	ND	0.2230	5.000		0				0.0	20	
A Carbon tetrachloride	ND	0.1130	5.000		0				0.0	20	
A Chlorobenzene	ND	0.07170	5.000		0				0.0	20	
A Chloroethane	ND	0.1340	5.000		0				0.0	20	

Definitions:

- * - Recovery outside QC limits
- DNI - Did not ignite
- M - Matrix Spike Recovery outside limits
- NP - Petroleum Pattern is not present
- B - Analyte found in Method blank
- E - Result exceeds Highest Calibration Standard
- N - Single Column Analysis
- P - Post Spike Recovery outside limits
- D - Diluted due to matrix or extended target compounds
- H - Value Exceeds Maximum Contaminant Level
- NC - Not Calculated
- R - RPD outside recovery limits
- DF - Dilution Factor
- J - Estimated value
- ND - Not Detected at the Reporting Limit

Footnotes: 1 - Represents RSD Limit for Quad Analysis RL - Reporting Limit

Ecology and Environment, Inc.
Analytical Services Center
 4493 Walden Avenue
 Lancaster, New York 14086

Laboratory Results
 NYSELAP ID#: 10486
 Phone: (716) 685-8080

CLIENT: E and E Buffalo Office
Work Order: 0401019
Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT
 Sample Duplicate

VOCs in Air by GCMS Method TO-14A

Test Code: 1_TO14_A

Sample ID: 0401019-06A Client Sample ID: POST GAC Units: ppbv
 Run Batch ID: JAKE_040108A SeqNo: 881711 Analysis Date: 1/8/2004 5:37:00 PM Prep Batch ID: 040108401r DF: 1 DL_No: 1
 Analyte Type / Name Result MDL RL Spike Value Orig Result %REC LowLimit HighLimit RPD RPD Limit¹ Qual

Analyte Type / Name	Result	MDL	RL	Spike Value	Orig Result	%REC	LowLimit	HighLimit	RPD	RPD Limit ¹	Qual
A Chloroform	ND	0.1210	5.000		0				0.0	20	
A Chloromethane	ND	0.1880	5.000		0				0.0	20	
A cis-1,2-Dichloroethene	ND	0.08640	5.000		0				0.0	20	
A cis-1,3-Dichloropropene	ND	0.2400	5.000		0				0.0	20	
A Dichlorodifluoromethane	ND	0.2190	5.000		0				0.0	20	
A Ethylbenzene	ND	0.08330	5.000		0				0.0	20	
A Hexachlorobutadiene	ND	0.1700	5.000		0				0.0	20	
A m,p-Xylene	ND	0.2010	10.00		0				0.0	20	
A Methylene chloride	ND	0.1050	5.000		0				0.0	20	
A o-Xylene	ND	0.07150	5.000		0				0.0	20	
A Styrene	ND	0.06790	5.000		0				0.0	20	
A Tetrachloroethene	4.076	0.08240	5.000	3.907	0				4.2	20	
A Toluene	ND	0.06910	5.000		0				0.0	20	
A trans-1,2-Dichloroethene	ND	0.07910	5.000		0				0.0	20	
A trans-1,3-Dichloropropene	ND	1.100	5.000		0				0.0	20	
A Trichloroethene	ND	0.07490	5.000		0				0.0	20	
A Trichlorofluoromethane	ND	0.09140	5.000		0				0.0	20	
A Vinyl chloride	ND	0.3080	5.000		0				0.0	20	
A Xylenes, Total	ND	0.2640	15.00		0				0.0	20	
S 1,2-Dichloroethane-d4	10.51	0	0	10.00	0	105	80	120	0.0	0	
S 4-Bromofluorobenzene	10.00	0	0	10.00	0	100	80	120	0.0	0	
S Toluene-d8	9.691	0	0	10.00	0	97	80	120	0.0	0	

Definitions:

- * - Recovery outside QC limits
- DNI - Did not Ignite
- M - Matrix Spike Recovery outside limits
- NP - Petroleum Pattern is not present
- B - Analyte found in Method blank
- E - Result exceeds Highest Calibration Standard
- N - Single Column Analysis
- P - Post Spike Recovery outside limits
- D - Diluted due to matrix or extended target compounds
- H - Value Exceeds Maximum Contaminant Level
- NC - Not Calculated
- R - RPD outside recovery limits
- DF - Dilution Factor
- J - Estimated value
- ND - Not Detected at the Reporting Limit
- RL - Reporting Limit

Ecology and Environment, Inc.

Analytical Services Center

493 Walden Avenue
Lancaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

CLIENT: E and E Buffalo Office
Work Order: 0401019
Project: Mr. C's Dry Cleaners
Test Code: 1_TO14_A
Batch ID: JAKE_040108A

QC SUMMARY REPORT SURROGATE RECOVERIES

Volatile Organics in Air by Method TO-14A

Sample ID	Type	BR4FBZ	BZMED8	DCA12D4					
0401019-05A	SAMP	98	99	101					
0401019-05A	DL	102	97	100					
0401019-06A	SAMP	99	97	110					
0401019-06A	DUP	100	97	105					
MB-1754-9-2	MBLK	119	102	112					

Acronym	Surrogate	QC Limits
BR4FBZ	= 4-Bromofluorobenzene	80-120
BZMED8	= Toluene-d8	80-120
DCA12D4	= 1,2-Dichloroethane-d4	80-120

* Surrogate recovery outside acceptance limits

D - Diluted due to matrix or extended target compounds

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

NYS ELAP ID#: 10486

Phone: (716) 685-8080

Client: E and E Buffalo Office

Client Sample ID: AS INFLUENT

Lab Order: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 1/5/2004 1:05:00 PM % Moist:

Lab ID: 0401019-01A

Sample Type: SAMP

Matrix: Water

Test Code: 1_ASP_4.2_VOA_W

VOLATILE ORGANIC COMPOUNDS BY METHOD OLM04.2

Method: OLM04.2_VOA

Prep Method:

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
Dichlorodifluoromethane	ND		10.0	µg/L	1	1/6/2004 11:13:00 AM	ROBERT_040106A	DWW
Chloromethane	ND		10.0	µg/L	1			
Vinyl chloride	ND		10.0	µg/L	1			
Bromomethane	ND		10.0	µg/L	1			
Chloroethane	ND		10.0	µg/L	1			
Trichlorofluoromethane	ND		10.0	µg/L	1			
1,1-Dichloroethene	ND		10.0	µg/L	1			
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10.0	µg/L	1			
Acetone	ND		10.0	µg/L	1			
Carbon disulfide	ND		10.0	µg/L	1			
Methyl acetate	ND		10.0	µg/L	1			
Methylene chloride	ND		10.0	µg/L	1			
trans-1,2-Dichloroethene	1.44	J	10.0	µg/L	1			
Methyl tert-butyl ether	65.8		10.0	µg/L	1			
1,1-Dichloroethane	ND		10.0	µg/L	1			
1,2-Dichloroethene	11.2		10.0	µg/L	1			
2-Butanone	ND		10.0	µg/L	1			
Chloroform	ND		10.0	µg/L	1			
1,1,1-Trichloroethane	ND		10.0	µg/L	1			
Cyclohexane	ND		10.0	µg/L	1			
Carbon tetrachloride	ND		10.0	µg/L	1			
Benzene	ND		10.0	µg/L	1			
1,2-Dichloroethane	ND		10.0	µg/L	1			
Trichloroethene	120		10.0	µg/L	1			
Methylcyclohexane	ND		10.0	µg/L	1			
1,2-Dichloropropane	ND		10.0	µg/L	1			
Bromodichloromethane	ND		10.0	µg/L	1			
cis-1,3-Dichloropropene	ND		10.0	µg/L	1			
4-Methyl-2-pentanone	ND		10.0	µg/L	1			
Toluene	ND		10.0	µg/L	1			
trans-1,3-Dichloropropene	ND		10.0	µg/L	1			
1,1,2-Trichloroethane	ND		10.0	µg/L	1			
Tetrachloroethene	4450	E	10.0	µg/L	1			
2-Hexanone	ND		10.0	µg/L	1			
Dibromochloromethane	ND		10.0	µg/L	1			
1,2-Dibromoethane	ND		10.0	µg/L	1			
Chlorobenzene	ND		10.0	µg/L	1			
Ethylbenzene	ND		10.0	µg/L	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 matrix or extended target compounds
- E - Result exceeds Highest Calibration Standard
- M - Matrix Spike Recovery outside limits
- ND - Not Detected at the Reporting Limit
- R - RPD outside recovery limits

Client: E and E Buffalo Office

Client Sample ID: AS INFLUENT

Lab Order: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 1/5/2004 1:05:00 PM % Moist:

Lab ID: 0401019-01A

Sample Type: SAMP

Matrix: Water

Test Code: 1_ASP_4.2_VOA_W

VOLATILE ORGANIC COMPOUNDS BY METHOD OLM04.2

Method: OLM04.2_VOA Prep Method:

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
Xylenes, Total	ND		10.0	µg/L	1			
Styrene	ND		10.0	µg/L	1			
Bromoform	ND		10.0	µg/L	1			
Isopropylbenzene	ND		10.0	µg/L	1			
1,1,2,2-Tetrachloroethane	ND		10.0	µg/L	1			
1,3-Dichlorobenzene	ND		10.0	µg/L	1			
1,4-Dichlorobenzene	ND		10.0	µg/L	1			
1,2-Dichlorobenzene	ND		10.0	µg/L	1			
1,2-Dibromo-3-chloropropane	ND		10.0	µg/L	1			
1,2,4-Trichlorobenzene	ND		10.0	µg/L	1			
Surr:Toluene-d8	99		88 - 110	%REC	1	1/6/2004 11:13:00 AM	ROBERT_040106A	DWW
Surr:4-Bromofluorobenzene	93		86 - 115	%REC	1			
Surr:1,2-Dichloroethane-d4	108		76 - 114	%REC	1			

Definitions:

H - 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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

M - Matrix Spike Recovery outside limits

ND - Not Detected at the Reporting Limit

R - RPD outside recovery limits

Ecology and Environment, Inc.

Analytical Services Center

193 Walden Avenue
Canaster, 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: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 1/5/2004 1:05:00 PM

Lab ID: 0401019-01A

Sample Type: SAMP

Matrix: WATER

% Moist:

TENTATIVELY IDENTIFIED COMPOUNDS

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	Units	DF	Quality(%)	Date Analyzed	Run Batch ID	Analyst
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VOLATILE ORGANIC COMPOUNDS BY METHOD OLM04.2

1_ASP_4.2_VOA_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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

M - Matrix Spike Recovery outside limits

ND - Not Detected at the Reporting Limit

R - RPD outside recovery limits

Client: E and E Buffalo Office

Client Sample ID: AS INFLUENT

Lab Order: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 1/5/2004 1:05:00 PM % Moist:

Lab ID: 0401019-01A

Sample Type: DL

Matrix: Water

Test Code: 1_ASP_4.2_VOA_W

VOLATILE ORGANIC COMPOUNDS BY METHOD OLM04.2

Method: OLM04.2_VOA

Prep Method:

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
Dichlorodifluoromethane	ND		250	µg/L	25	1/6/2004 1:45:00 PM	ROBERT_040106A	DWW
Chloromethane	ND		250	µg/L	25			
Vinyl chloride	ND		250	µg/L	25			
Bromomethane	ND		250	µg/L	25			
Chloroethane	ND		250	µg/L	25			
Trichlorofluoromethane	ND		250	µg/L	25			
1,1-Dichloroethene	ND		250	µg/L	25			
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	µg/L	25			
Acetone	ND		250	µg/L	25			
Carbon disulfide	ND		250	µg/L	25			
Methyl acetate	ND		250	µg/L	25			
Methylene chloride	ND		250	µg/L	25			
trans-1,2-Dichloroethene	ND		250	µg/L	25			
Methyl tert-butyl ether	64.7	J	250	µg/L	25			
1-Dichloroethane	ND		250	µg/L	25			
1,2-Dichloroethene	ND		250	µg/L	25			
2-Butanone	ND		250	µg/L	25			
Chloroform	ND		250	µg/L	25			
1,1,1-Trichloroethane	ND		250	µg/L	25			
Cyclohexane	ND		250	µg/L	25			
Carbon tetrachloride	ND		250	µg/L	25			
Benzene	ND		250	µg/L	25			
1,2-Dichloroethane	ND		250	µg/L	25			
Trichloroethene	103	J	250	µg/L	25			
Methylcyclohexane	ND		250	µg/L	25			
1,2-Dichloropropane	ND		250	µg/L	25			
Bromodichloromethane	ND		250	µg/L	25			
cis-1,3-Dichloropropene	ND		250	µg/L	25			
4-Methyl-2-pentanone	ND		250	µg/L	25			
Toluene	ND		250	µg/L	25			
trans-1,3-Dichloropropene	ND		250	µg/L	25			
1,1,2-Trichloroethane	ND		250	µg/L	25			
Tetrachloroethene	3470		250	µg/L	25			
2-Hexanone	ND		250	µg/L	25			
Dibromochloromethane	ND		250	µg/L	25			
1,2-Dibromoethane	ND		250	µg/L	25			
Chlorobenzene	ND		250	µg/L	25			
Ethylbenzene	ND		250	µg/L	25			

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
- DNTI - Did not Ignite
- J - Estimated value
- NC - Not Calculated
- P - Post Spike Recovery outside limits
- D - Diluted due to matrix or extended target compounds
- E - Result exceeds Highest Calibration Standard
- M - Matrix Spike Recovery outside limits
- ND - Not Detected at the Reporting Limit
- R - RPD outside recovery limits

Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

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: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 1/5/2004 1:05:00 PM % Moist:

Lab ID: 0401019-01A

Sample Type: DL

Matrix: Water

Test Code: 1_ASP_4.2_VOA_W

VOLATILE ORGANIC COMPOUNDS BY METHOD OLM04.2

Method: OLM04.2_VOA Prep Method:

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
Xylenes, Total	ND		250	µg/L	25			
Styrene	ND		250	µg/L	25			
Bromoform	ND		250	µg/L	25			
Isopropylbenzene	ND		250	µg/L	25			
1,1,2,2-Tetrachloroethane	ND		250	µg/L	25			
1,3-Dichlorobenzene	ND		250	µg/L	25			
1,4-Dichlorobenzene	ND		250	µg/L	25			
1,2-Dichlorobenzene	ND		250	µg/L	25			
1,2-Dibromo-3-chloropropane	ND		250	µg/L	25			
1,2,4-Trichlorobenzene	ND		250	µg/L	25			
Surr:Toluene-d8	98		88 - 110	%REC	25	1/6/2004 1:45:00 PM	ROBERT_040106A	DWW
Surr:4-Bromofluorobenzene	96		86 - 115	%REC	25			
Surr:1,2-Dichloroethane-d4	110		76 - 114	%REC	25			

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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

M - Matrix Spike Recovery outside limits

ND - Not Detected at the Reporting Limit

R - RPD outside recovery limits

Ecology and Environment, Inc.

Analytical Services Center

493 Walden Avenue

Canaster, 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: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 1/5/2004 1:05:00 PM

Lab ID: 0401019-01A

Sample Type: DL

Matrix: WATER

% Moist:

TENTATIVELY IDENTIFIED COMPOUNDS

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	Units	DF	Quality(%)	Date Analyzed	Run Batch ID	Analyst
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VOLATILE ORGANIC COMPOUNDS BY METHOD OLM04.2

1_ASP_4.2_VOA_W

NO TENTATIVELY IDENTIFIED COMPOUNDS

Abbreviations:

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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

M - Matrix Spike Recovery outside limits

ND - Not Detected at the Reporting Limit

R - RPD outside recovery limits

Client: E and E Buffalo Office

Client Sample ID: AS EFFLUENT

Lab Order: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 1/5/2004 1:00:00 PM **% Moist:**

Lab ID: 0401019-02A

Sample Type: SAMP

Matrix: Water

Test Code: 1_ASP_4.2_VOA_W

VOLATILE ORGANIC COMPOUNDS BY METHOD OLM04.2

Method: OLM04.2_VOA

Prep Method:

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
Dichlorodifluoromethane	ND		10.0	µg/L	1	1/6/2004 10:42:00 AM	ROBERT_040106A	DWW
Chloromethane	ND		10.0	µg/L	1			
Vinyl chloride	ND		10.0	µg/L	1			
Bromomethane	ND		10.0	µg/L	1			
Chloroethane	ND		10.0	µg/L	1			
Trichlorofluoromethane	ND		10.0	µg/L	1			
1,1-Dichloroethene	ND		10.0	µg/L	1			
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10.0	µg/L	1			
Acetone	ND		10.0	µg/L	1			
Carbon disulfide	ND		10.0	µg/L	1			
Methyl acetate	ND		10.0	µg/L	1			
Methylene chloride	ND		10.0	µg/L	1			
trans-1,2-Dichloroethene	ND		10.0	µg/L	1			
Methyl tert-butyl ether	2.67	J	10.0	µg/L	1			
1,1-Dichloroethane	ND		10.0	µg/L	1			
1,2-Dichloroethane	ND		10.0	µg/L	1			
2-Butanone	ND		10.0	µg/L	1			
Chloroform	ND		10.0	µg/L	1			
1,1,1-Trichloroethane	ND		10.0	µg/L	1			
Cyclohexane	ND		10.0	µg/L	1			
Carbon tetrachloride	ND		10.0	µg/L	1			
Benzene	ND		10.0	µg/L	1			
1,2-Dichloroethane	ND		10.0	µg/L	1			
Trichloroethene	ND		10.0	µg/L	1			
Methylcyclohexane	ND		10.0	µg/L	1			
1,2-Dichloropropane	ND		10.0	µg/L	1			
Bromodichloromethane	ND		10.0	µg/L	1			
cis-1,3-Dichloropropene	ND		10.0	µg/L	1			
4-Methyl-2-pentanone	ND		10.0	µg/L	1			
Toluene	ND		10.0	µg/L	1			
trans-1,3-Dichloropropene	ND		10.0	µg/L	1			
1,1,2-Trichloroethane	ND		10.0	µg/L	1			
Tetrachloroethene	15.8		10.0	µg/L	1			
2-Hexanone	ND		10.0	µg/L	1			
Dibromochloromethane	ND		10.0	µg/L	1			
1,2-Dibromoethane	ND		10.0	µg/L	1			
Chlorobenzene	ND		10.0	µg/L	1			
Ethylbenzene	ND		10.0	µg/L	1			

Definitions:

R - 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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

M - Matrix Spike Recovery outside limits

ND - Not Detected at the Reporting Limit

R - RPD outside recovery limits

Client: E and E Buffalo Office

Client Sample ID: AS EFFLUENT

Lab Order: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 1/5/2004 1:00:00 PM % Moist:

Lab ID: 0401019-02A

Sample Type: SAMP

Matrix: Water

Test Code: 1_ASP_4.2_VOA_W

VOLATILE ORGANIC COMPOUNDS BY METHOD OLM04.2

Method: OLM04.2_VOA

Prep Method:

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
Xylenes, Total	ND		10.0	µg/L	1			
Styrene	ND		10.0	µg/L	1			
Bromoform	ND		10.0	µg/L	1			
Isopropylbenzene	ND		10.0	µg/L	1			
1,1,2,2-Tetrachloroethane	ND		10.0	µg/L	1			
1,3-Dichlorobenzene	ND		10.0	µg/L	1			
1,4-Dichlorobenzene	ND		10.0	µg/L	1			
1,2-Dichlorobenzene	ND		10.0	µg/L	1			
1,2-Dibromo-3-chloropropane	ND		10.0	µg/L	1			
1,2,4-Trichlorobenzene	ND		10.0	µg/L	1			
Surr:Toluene-d8	100		88 - 110	%REC	1	1/6/2004 10:42:00 AM	ROBERT_040106A	DWW
Surr:4-Bromofluorobenzene	97		86 - 115	%REC	1			
Surr:1,2-Dichloroethane-d4	101		76 - 114	%REC	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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

M - Matrix Spike Recovery outside limits

ND - Not Detected at the Reporting Limit

R - RPD outside recovery limits

Ecology and Environment, Inc.

Analytical Services Center

193 Walden Avenue

Canaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

CLIENT: E and E Buffalo Office

Client Sample ID: AS EFFLUENT

Lab Order: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 1/5/2004 1:00:00 PM

Lab ID: 0401019-02A

Sample Type: SAMP

Matrix: WATER

% Moist:

TENTATIVELY IDENTIFIED COMPOUNDS

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	Units	DF	Quality(%)	Date Analyzed	Run Batch ID	Analyst
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VOLATILE ORGANIC COMPOUNDS BY METHOD OLM04.2

1_ASP_4.2_VOA_W

NO TENTATIVELY IDENTIFIED COMPOUNDS

Abbreviations:

R - 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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

M - Matrix Spike Recovery outside limits

ND - Not Detected at the Reporting Limit

R - RPD outside recovery limits

Client: E and E Buffalo Office

Client Sample ID: TRIP BLANK

Lab Order: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 12/22/2003 7:00:00 A % Moist:

Lab ID: 0401019-03A

Sample Type: SAMP

Matrix: Water

Test Code: 1_ASP_4.2_VOA_W

VOLATILE ORGANIC COMPOUNDS BY METHOD OLM04.2

Method: OLM04.2_VOA

Prep Method:

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
Dichlorodifluoromethane	ND		10.0	µg/L	1	1/6/2004 10:12:00 AM	ROBERT_040106A	DWW
Chloromethane	ND		10.0	µg/L	1			
Vinyl chloride	ND		10.0	µg/L	1			
Bromomethane	ND		10.0	µg/L	1			
Chloroethane	ND		10.0	µg/L	1			
Trichlorofluoromethane	ND		10.0	µg/L	1			
1,1-Dichloroethene	ND		10.0	µg/L	1			
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10.0	µg/L	1			
Acetone	ND		10.0	µg/L	1			
Carbon disulfide	ND		10.0	µg/L	1			
Methyl acetate	ND		10.0	µg/L	1			
Methylene chloride	ND		10.0	µg/L	1			
trans-1,2-Dichloroethene	ND		10.0	µg/L	1			
Methyl tert-butyl ether	ND		10.0	µg/L	1			
1,1-Dichloroethane	ND		10.0	µg/L	1			
1,2-Dichloroethene	ND		10.0	µg/L	1			
2-Butanone	ND		10.0	µg/L	1			
Chloroform	ND		10.0	µg/L	1			
1,1,1-Trichloroethane	ND		10.0	µg/L	1			
Cyclohexane	ND		10.0	µg/L	1			
Carbon tetrachloride	ND		10.0	µg/L	1			
Benzene	ND		10.0	µg/L	1			
1,2-Dichloroethane	ND		10.0	µg/L	1			
Trichloroethene	ND		10.0	µg/L	1			
Methylcyclohexane	ND		10.0	µg/L	1			
1,2-Dichloropropane	ND		10.0	µg/L	1			
Bromodichloromethane	ND		10.0	µg/L	1			
cis-1,3-Dichloropropene	ND		10.0	µg/L	1			
4-Methyl-2-pentanone	ND		10.0	µg/L	1			
Toluene	ND		10.0	µg/L	1			
trans-1,3-Dichloropropene	ND		10.0	µg/L	1			
1,1,2-Trichloroethane	ND		10.0	µg/L	1			
Tetrachloroethene	ND		10.0	µg/L	1			
2-Hexanone	ND		10.0	µg/L	1			
Dibromochloromethane	ND		10.0	µg/L	1			
1,2-Dibromoethane	ND		10.0	µg/L	1			
Chlorobenzene	ND		10.0	µg/L	1			
Ethylbenzene	ND		10.0	µg/L	1			

Definitions:

recovery outside QC limits

B - Analyte found in Method blank

D - Diluted due to matrix or extended target compounds

DF - Dilution Factor

DNI - Did not Ignite

E - Result exceeds Highest Calibration Standard

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

Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue
Lancaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

Client: E and E Buffalo Office

Client Sample ID: TRIP BLANK

Lab Order: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 12/22/2003 7:00:00 A % Moist:

Lab ID: 0401019-03A

Sample Type: SAMP

Matrix: Water

Test Code: 1_ASP_4.2_VOA_W

VOLATILE ORGANIC COMPOUNDS BY METHOD OLM04.2

Method: OLM04.2_VOA Prep Method:

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
Xylenes, Total	ND		10.0	µg/L	1			
Styrene	ND		10.0	µg/L	1			
Bromoform	ND		10.0	µg/L	1			
Isopropylbenzene	ND		10.0	µg/L	1			
1,1,2,2-Tetrachloroethane	ND		10.0	µg/L	1			
1,3-Dichlorobenzene	ND		10.0	µg/L	1			
1,4-Dichlorobenzene	ND		10.0	µg/L	1			
1,2-Dichlorobenzene	ND		10.0	µg/L	1			
1,2-Dibromo-3-chloropropane	ND		10.0	µg/L	1			
1,2,4-Trichlorobenzene	ND		10.0	µg/L	1			
Surr:Toluene-d8	100		88 - 110	%REC	1	1/6/2004 10:12:00 AM	ROBERT_040106A	DWW
Surr:4-Bromofluorobenzene	96		86 - 115	%REC	1			
Surr:1,2-Dichloroethane-d4	102		76 - 114	%REC	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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

M - Matrix Spike Recovery outside limits

ND - Not Detected at the Reporting Limit

R - RPD outside recovery limits

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Ecology and Environment, Inc.

Analytical Services Center

193 Walden Avenue

Canastota, New York 14086

Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

CLIENT: E and E Buffalo Office

Client Sample ID: TRIP BLANK

Lab Order: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 12/22/2003 7:00:00 AM

Lab ID: 0401019-03A

Sample Type: SAMP

Matrix: WATER

% Moist:

TENTATIVELY IDENTIFIED COMPOUNDS

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	Units	DF	Quality(%)	Date Analyzed	Run Batch ID	Analyst
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VOLATILE ORGANIC COMPOUNDS BY METHOD OLM04.2

1_ASP_4.2_VOA_W

NO TENTATIVELY IDENTIFIED COMPOUNDS

Abbreviations:

R - 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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

M - Matrix Spike Recovery outside limits

ND - Not Detected at the Reporting Limit

R - RPD outside recovery limits

Ecology and Environment, Inc.
 Analytical Services Center
 4493 Walden Avenue
 Lancaster, New York 14086

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

CLIENT: E and E Buffalo Office
Work Order: 0401019
Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT
 Method Blank

DEC ASP VOCs by Method OLM04.2

Sample ID: **MB-1744-78-1** Client Sample ID: **890468** Test Code: **1_ASP_4.2_VOA_W**
 Run Batch ID: **ROBERT_040106A** SeqNo: **890468** Analysis Date: **1/6/2004 8:46:00 AM** Prep Batch ID: **0401064r1r**
 Analyte Type / Name

Analyte Type / Name	Result	MDL	RL	Spike Value	Orig Result	%REC	LowLimit	HighLimit	RPD	RPD Limit ¹	Qual
A 1,1,1-Trichloroethane	ND	0	10.00								
A 1,1,2,2-Tetrachloroethane	ND	0	10.00								
A 1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0	10.00								
A 1,1,2-Trichloroethane	ND	0	10.00								
A 1,1-Dichloroethane	ND	0	10.00								
A 1,1-Dichloroethene	ND	0	10.00								
A 1,2,4-Trichlorobenzene	ND	0	10.00								
A 1,2-Dibromo-3-chloropropane	ND	0	10.00								
A 1,2-Dibromoethane	ND	0	10.00								
A 1,2-Dichlorobenzene	ND	0	10.00								
A 1,2-Dichloroethane	ND	0	10.00								
A 1,2-Dichloropropane	ND	0	10.00								
A 1,3-Dichlorobenzene	ND	0	10.00								
A 1,4-Dichlorobenzene	ND	0	10.00								
A 2-Butanone	ND	0	10.00								
A 2-Hexanone	ND	0	10.00								
A 4-Methyl-2-pentanone	ND	0	10.00								
A Acetone	ND	0	10.00								
A Benzene	ND	0	10.00								
A Bromodichloromethane	ND	0	10.00								
A Bromoform	ND	0	10.00								
A Bromomethane	ND	0	10.00								

Definitions:

* - Recovery outside QC limits
 DNI - Did not Ignite
 M - Matrix Spike Recovery outside limits
 NP - Petroleum Pattern is not present
 B - Analyte found in Method blank
 E - Result exceeds Highest Calibration Standard
 N - Single Column Analysis
 P - Post Spike Recovery outside limits
 RL - Reporting Limit
 D - Diluted due to matrix or extended target compounds
 II - Value Exceeds Maximum Contaminant Level
 NC - Not Calculated
 R - RPD outside recovery limits
 DF - Dilution Factor
 J - Estimated value
 ND - Not Detected at the Reporting Limit

Footnotes: 1 - Represents RSD Limit for Quad Analysis

Ecology and Environment, Inc.
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Laboratory Results

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

CLIENT: E and E Buffalo Office
Work Order: 0401019
Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT
 Method Blank

DEC ASP VOCs by Method OLM04.2

Sample ID: **MB-1744-78-1** Client Sample ID: **880468** Test Code: **1_ASP_4.2_VOA_W**
 Run Batch ID: **ROBERT_040106A** SeqNo: **880468** Analysis Date: **1/6/2004 8:46:00 AM** Prep Batch ID: **04010641r**
 Analyte Type / Name

Analyte Type / Name	Result	MDL	RL	Spike Value	Orig Result	%REC	LowLimit	HighLimit	RPD	RPD Limit ¹	Qual
A Carbon disulfide	ND	0	10.00								
A Carbon tetrachloride	ND	0	10.00								
A Chlorobenzene	ND	0	10.00								
A Chloroethane	ND	0	10.00								
A Chloroform	ND	0	10.00								
A Chloromethane	ND	0	10.00								
A cis-1,2-Dichloroethene	ND	0	10.00								
A cis-1,3-Dichloropropene	ND	0	10.00								
A Cyclohexane	ND	0	10.00								
A Dibromochloromethane	ND	0	10.00								
A Dichlorodifluoromethane	ND	0	10.00								
A Ethylbenzene	ND	0	10.00								
A Isopropylbenzene	ND	0	10.00								
A Methyl acetate	ND	0	10.00								
A Methyl tert-butyl ether	ND	0	10.00								
A Methylcyclohexane	ND	0	10.00								
A Methylene chloride	ND	0	10.00								
A Styrene	ND	0	10.00								
A Tetrachloroethene	ND	0	10.00								
A Toluene	ND	0	10.00								
A trans-1,2-Dichloroethene	ND	0	10.00								
A trans-1,3-Dichloropropene	ND	0	10.00								

Definitions:

- * - Recovery outside QC limits
- DNI - Did not Ignite
- M - Matrix Spike Recovery outside limits
- NP - Petroleum Pattern is not present
- B - Analyte found in Method blank
- E - Result exceeds Highest Calibration Standard
- N - Single Column Analysis
- P - Post Spike Recovery outside limits
- D - Diluted due to matrix or extended target compounds
- H - Value Exceeds Maximum Contaminant Level
- NC - Not Calculated
- R - RPD outside recovery limits
- DF - Dilution Factor
- J - Estimated value
- ND - Not Detected at the Reporting Limit

Footnotes: 1 - Represents RSD Limit for Quad Analysis RL - Reporting Limit

Ecology and Environment, Inc.
 Analytical Services Center
 4493 Walden Avenue
 Lancaster, New York 14086

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

CLIENT: E and E Buffalo Office
Work Order: 0401019
Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT
 Method Blank

DEC ASP VOCs by Method OLM04.2

Sample ID: **MB-1744-78-1** Client Sample ID: **880468** Test Code: **1_ASP_4.2_VOA_W** Units: **µg/L**
 Run Batch ID: **ROBERT_040106A** SeqNo: **880468** Analysis Date: **1/6/2004 8:46:00 AM** Prep Batch ID: **0401064r1r** DF: **1** DL_No: **1**
 Analyte Type / Name Result MDL RL Spike Value Orig Result %REC LowLimit HighLimit RPD RPD Limit¹ Qual

A	Trichloroethene	ND	0	10.00								
A	Trichlorofluoromethane	ND	0	10.00								
A	Vinyl chloride	ND	0	10.00								
A	Xylenes, Total	ND	0	10.00								
S	1,2-Dichloroethane-d4	52.08	0	0	104	76	114					
S	4-Bromofluorobenzene	48.44	0	0	97	86	115					
S	Toluene-d8	50.24	0	0	100	88	110					

Definitions:

* - Recovery outside QC limits
 DNI - Did not Ignite
 M - Matrix Spike Recovery outside limits
 NP - Petroleum Pattern is not present
 B - Analyte found in Method blank
 E - Result exceeds Highest Calibration Standard
 N - Single Column Analysis
 P - Post Spike Recovery outside limits
 D - Diluted due to matrix or extended target compounds
 H - Value Exceeds Maximum Contaminant Level
 NC - Not Calculated
 R - RPD outside recovery limits
 DF - Dilution Factor
 J - Estimated value
 ND - Not Detected at the Reporting Limit

Footnotes: 1 - Represents RSD Limit for Quad Analysis RL - Reporting Limit

Client: E and E Buffalo Office

Client Sample ID: STORAGE BLANK

Lab Order: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 1/5/2004 5:15:00 PM % Moist:

Lab ID: 0401019-04A

Sample Type: SAMP

Matrix: Water

Test Code: 1_ASP_4.2_VOA_W

VOLATILE ORGANIC COMPOUNDS BY METHOD OLM04.2

Method: OLM04.2_VOA

Prep Method:

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
Dichlorodifluoromethane	ND		10.0	µg/L	1	1/6/2004 3:16:00 PM	ROBERT_040106A	DWW
Chloromethane	ND		10.0	µg/L	1			
Vinyl chloride	ND		10.0	µg/L	1			
Bromomethane	ND		10.0	µg/L	1			
Chloroethane	ND		10.0	µg/L	1			
Trichlorofluoromethane	ND		10.0	µg/L	1			
1,1-Dichloroethene	ND		10.0	µg/L	1			
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10.0	µg/L	1			
Acetone	ND		10.0	µg/L	1			
Carbon disulfide	ND		10.0	µg/L	1			
Methyl acetate	ND		10.0	µg/L	1			
Methylene chloride	ND		10.0	µg/L	1			
trans-1,2-Dichloroethene	ND		10.0	µg/L	1			
Methyl tert-butyl ether	ND		10.0	µg/L	1			
1-Dichloroethane	ND		10.0	µg/L	1			
1,2-Dichloroethene	ND		10.0	µg/L	1			
2-Butanone	ND		10.0	µg/L	1			
Chloroform	ND		10.0	µg/L	1			
1,1,1-Trichloroethane	ND		10.0	µg/L	1			
Cyclohexane	ND		10.0	µg/L	1			
Carbon tetrachloride	ND		10.0	µg/L	1			
Benzene	ND		10.0	µg/L	1			
1,2-Dichloroethane	ND		10.0	µg/L	1			
Trichloroethene	ND		10.0	µg/L	1			
Methylcyclohexane	ND		10.0	µg/L	1			
1,2-Dichloropropane	ND		10.0	µg/L	1			
Bromodichloromethane	ND		10.0	µg/L	1			
cis-1,3-Dichloropropene	ND		10.0	µg/L	1			
4-Methyl-2-pentanone	ND		10.0	µg/L	1			
Toluene	ND		10.0	µg/L	1			
trans-1,3-Dichloropropene	ND		10.0	µg/L	1			
1,1,2-Trichloroethane	ND		10.0	µg/L	1			
Tetrachloroethene	ND		10.0	µg/L	1			
2-Hexanone	ND		10.0	µg/L	1			
Dibromochloromethane	ND		10.0	µg/L	1			
1,2-Dibromoethane	ND		10.0	µg/L	1			
Chlorobenzene	ND		10.0	µg/L	1			
Ethylbenzene	ND		10.0	µg/L	1			

Definitions:

Recovery outside QC limits

B - Analyte found in Method blank

D - Diluted due to matrix or extended target compounds

DF - Dilution Factor

DNI - Did not Ignite

E - Result exceeds Highest Calibration Standard

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

4493 Walden Avenue

Lancaster, New York 14086

NYS ELAP ID#: 10486

Phone: (716) 685-8080

Client: E and E Buffalo Office

Client Sample ID: STORAGE BLANK

Lab Order: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 1/5/2004 5:15:00 PM % Moist:

Lab ID: 0401019-04A

Sample Type: SAMP

Matrix: Water

Test Code: 1_ASP_4.2_VOA_W

VOLATILE ORGANIC COMPOUNDS BY METHOD OLM04.2

Method: OLM04.2_VOA

Prep Method:

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
Xylenes, Total	ND		10.0	µg/L	1			
Styrene	ND		10.0	µg/L	1			
Bromoform	ND		10.0	µg/L	1			
Isopropylbenzene	ND		10.0	µg/L	1			
1,1,2,2-Tetrachloroethane	ND		10.0	µg/L	1			
1,3-Dichlorobenzene	ND		10.0	µg/L	1			
1,4-Dichlorobenzene	ND		10.0	µg/L	1			
1,2-Dichlorobenzene	ND		10.0	µg/L	1			
1,2-Dibromo-3-chloropropane	ND		10.0	µg/L	1			
1,2,4-Trichlorobenzene	ND		10.0	µg/L	1			
Surr:Toluene-d8	100		88 - 110	%REC	1	1/6/2004 3:16:00 PM	ROBERT_040106A	DWW
Surr:4-Bromofluorobenzene	96		86 - 115	%REC	1			
Surr:1,2-Dichloroethane-d4	109		76 - 114	%REC	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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

M - Matrix Spike Recovery outside limits

ND - Not Detected at the Reporting Limit

R - RPD outside recovery limits



Ecology and Environment, Inc.

Analytical Services Center

193 Walden Avenue

Canaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

CLIENT: E and E Buffalo Office

Client Sample ID: STORAGE BLANK

Lab Order: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 1/5/2004 5:15:00 PM

Lab ID: 0401019-04A

Sample Type: SAMP

Matrix: WATER

% Moist:

TENTATIVELY IDENTIFIED COMPOUNDS

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q	Units	DF	Quality(%)	Date Analyzed	Run Batch ID	Analyst
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VOLATILE ORGANIC COMPOUNDS BY METHOD OLM04.2

1_ASP_4.2_VOA_W

NO TENTATIVELY IDENTIFIED COMPOUNDS

Abbreviations:

R - 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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

M - Matrix Spike Recovery outside limits

ND - Not Detected at the Reporting Limit

R - RPD outside recovery limits

Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

CLIENT: E and E Buffalo Office

Work Order: 0401019

Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT

Laboratory Control Spike

DEC ASP VOCs by Method OLM04.2

Sample ID: LCS-1744-78-1 Client Sample ID: 880467

Run Batch ID: ROBERT_040106A SeqNo: 880467

Analysis Date: 1/6/2004 9:41:00 AM

Prep Batch ID: 0401064r1r

Test Code: 1_ASP_4.2_VOA_W

Units: µg/L

DF: 1 DL_No: 1

Prep Date:

Analyte Type / Name	Result	MDL	RL	Spike Value	Orig Result	%REC	LowLimit	HighLimit	RPD	RPD Limit ¹	Qual
A 1,1-Dichloroethene	54.41	0	10.00	50.00	0	109	61	145			
A Benzene	49.61	0	10.00	50.00	0	99	76	127			
A Chlorobenzene	50.85	0	10.00	50.00	0	102	72	130			
A Toluene	50.12	0	10.00	50.00	0	100	76	125			
A Trichloroethene	53.90	0	10.00	50.00	0	108	71	120			
S 1,2-Dichloroethane-d4	51.20	0	0	50.00	0	102	76	114			
S 4-Bromofluorobenzene	48.18	0	0	50.00	0	96	86	115			
S Toluene-d8	50.49	0	0	50.00	0	101	88	110			

Definitions:

* - Recovery outside QC limits
 DNI - Did not Ignite
 M - Matrix Spike Recovery outside limits
 NP - Petroleum Pattern is not present

B - Analyte found in Method blank
 E - Result exceeds Highest Calibration Standard
 N - Single Column Analysis
 P - Post Spike Recovery outside limits

D - Diluted due to matrix or extended target compounds
 H - Value Exceeds Maximum Contaminant Level
 NC - Not Calculated
 R - RPD outside recovery limits

DF - Dilution Factor
 J - Estimated value
 ND - Not Detected at the Reporting Limit

Footnotes: 1 - Represents RSD Limit for Quad Analysis RL - Reporting Limit

Ecology and Environment, Inc.

Analytical Services Center

493 Walden Avenue
Lancaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

CLIENT: E and E Buffalo Office
Work Order: 0401019
Project: Mr. C's Dry Cleaners
Test Code: 1_ASP_4.2_VOA_W
Batch ID: ROBERT_040106A

QC SUMMARY REPORT SURROGATE RECOVERIES

Volatile Organic Compounds by Method OLM04.2

Sample ID	Type	BR4FBZ	BZMED8	DCA12D4					
0401019-01A	SAMP	93	99	108					
0401019-01A	DL	96	98	110					
0401019-02A	SAMP	97	100	101					
0401019-03A	SAMP	96	100	102					
0401019-04A	SAMP	96	100	109					
LCS-1744-78-1	LCS	96	101	102					
MB-1744-78-1	MBLK	97	100	104					

Acronym	Surrogate	QC Limits
BR4FBZ	= 4-Bromofluorobenzene	86-115
BZMED8	= Toluene-d8	88-110
DCA12D4	= 1,2-Dichloroethane-d4	76-114

* Surrogate recovery outside acceptance limits

D - Diluted due to matrix or extended target compounds

METALS

Client: E and E Buffalo Office

Client Sample ID: AS INFLUENT

Lab Order: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 1/5/2004 1:05:00 PM % Moist:

Lab ID: 0401019-01D

Sample Type: SAMP

Matrix: Water

Test Code: 1_ILM04.1_TAL_W

ICP METALS ANALYSIS BY METHOD ILM04.1

Method: ILM04.1_MET

Prep Method: ILM04.1_MET

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
Aluminum	ND		200	µg/L	1	1/27/2004 6:53:12 PM	OPTIMA3300_040127B	CMO
Calcium	148000		5000	µg/L	1			
Cobalt	ND		50.0	µg/L	1			
Copper	ND		25.0	µg/L	1			
Iron	2870		100	µg/L	1			
Lead	ND		3.00	µg/L	1			
Magnesium	24800		5000	µg/L	1			
Manganese	590		15.0	µg/L	1			
Nickel	ND		40.0	µg/L	1			
Potassium	7390		5000	µg/L	1			
Silver	ND		10.0	µg/L	1			
Sodium	241000		5000	µg/L	1			
Vanadium	ND		50.0	µg/L	1			
Zinc	ND		20.0	µg/L	1			

Definitions:

Recovery outside QC limits

B - Analyte found in Method blank

D - Diluted due to matrix or extended target compounds

DF - Dilution Factor

DNI - Did not Ignite

E - Result exceeds Highest Calibration Standard

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

Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

Client: E and E Buffalo Office

Lab Order: 0401019

Project: Mr. C's Dry Cleaners

Lab ID: 0401019-02D

Sample Type: SAMP

Matrix: Water

Client Sample ID: AS EFFLUENT

Alt. Client ID:

Collection Date: 1/5/2004 1:00:00 PM % Moist:

Test Code: 1_ILM04.1_TAL_W

ICP METALS ANALYSIS BY METHOD ILM04.1

Method: ILM04.1_MET

Prep Method: ILM04.1_MET

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
Aluminum	ND		200	µg/L	1	1/27/2004 7:08:26 PM	OPTIMA3300_040127B	CMO
Calcium	148000		5000	µg/L	1			
Cobalt	ND		50.0	µg/L	1			
Copper	ND		25.0	µg/L	1			
Iron	3630		100	µg/L	1			
Lead	ND		3.00	µg/L	1			
Magnesium	25100		5000	µg/L	1			
Manganese	618		15.0	µg/L	1			
Nickel	ND		40.0	µg/L	1			
Potassium	7570		5000	µg/L	1			
Silver	ND		10.0	µg/L	1			
Sodium	251000		5000	µg/L	1			
Vanadium	ND		50.0	µg/L	1			
Zinc	ND		20.0	µg/L	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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

M - Matrix Spike Recovery outside limits

ND - Not Detected at the Reporting Limit

R - RPD outside recovery limits

Ecology and Environment, Inc.
Analytical Services Center

4493 Walden Avenue
 Lancaster, New York 14086

Laboratory Results

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

CLIENT: E and E Buffalo Office
Work Order: 0401019
Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT
 Method Blank

CLP TAL Metals by Method ILM04.1

Sample ID: **MB-200400212** Client Sample ID:
 Run Batch ID: **OPTIMA3300_040127B** SeqNo: **889704**

Test Code: **1_ILM04.1_TAL_W**
 Analysis Date: **1/27/2004 6:42:25 PM** Prep Batch ID: **200400212**
 Units: **µg/L** DF: **1** DL_No: **1**
 Prep Date: **1/21/2004**

Analyte Type / Name	Result	MDL	RL	Spike Value	Orig Result	%REC	LowLimit	HighLimit	RPD	RPD Limit	Qual
A Aluminum	37.45	0	200.0								
A Calcium	90.06	0	5000								
A Cobalt	0.3717	0	50.00								
A Copper	1.008	0	25.00								
A Iron	60.24	0	100.0								
A Lead	0.4076	0	3.000								
A Magnesium	ND	0	5000								
A Manganese	2.495	0	15.00								
A Nickel	0.2644	0	40.00								
A Potassium	227.7	0	5000								
A Silver	1.508	0	10.00								
A Sodium	ND	0	5000								
A Vanadium	ND	0	50.00								
A Zinc	1.382	0	20.00								

Definitions:

* - Recovery outside QC limits
 DNI - Did not Ignite
 M - Matrix Spike Recovery outside limits
 NP - Petroleum Pattern is not present
 B - Analyte found in Method blank
 E - Result exceeds Highest Calibration Standard
 N - Single Column Analysis
 P - Post Spike Recovery outside limits
 RL - Reporting Limit

D - Diluted due to matrix or extended target compounds
 H - Value Exceeds Maximum Contaminant Level
 NC - Not Calculated
 R - RPD outside recovery limits
 DF - Dilution Factor
 J - Estimated value
 ND - Not Detected at the Reporting Limit

Footnotes: 1 - Represents RSD Limit for Quad Analysis

Ecology and Environment, Inc.
 Analytical Services Center
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 Lancaster, New York 14086

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

CLIENT: E and E Buffalo Office
Work Order: 0401019
Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT
 Sample Matrix Spike

CLP TAL Metals by Method ILM04.1

Sample ID: 0401019-02DS Client Sample ID: AS EFFLUENT

Run Batch ID: OPTIMA3300_040127B SeqNo: 889711

Analysis Date 1/27/2004 7:18:03 PM Prep Batch ID: 200400212

Analyte Type / Name Result MDL RL Spike Value Orig Result %REC LowLimit HighLimit RPD RPD Limit¹ Qual

Test Code: 1_ILM04.1_TAL_W Units: µg/L

DF: 1 DL_No: 1

Prep Date: 1/21/2004

Analyte Type / Name	Result	MDL	RL	Spike Value	Orig Result	%REC	LowLimit	HighLimit	RPD	RPD Limit ¹	Qual
A Aluminum	2093	0	200.0	2000	0	105	75	125			
A Cobalt	491.7	0	50.00	500.0	0.7067	98	75	125			
A Copper	277.7	0	25.00	250.0	22.82	102	75	125			
A Iron	4972	0	100.0	10000	3634	13	70	130			M
A Lead	23.36	0	3.000	20.00	2.054	107	75	125			
A Manganese	1165	0	15.00	500.0	617.8	109	75	125			
A Nickel	496.5	0	40.00	500.0	0.5390	99	75	125			
A Silver	52.94	0	10.00	50.00	1.571	103	75	125			
A Vanadium	499.7	0	50.00	500.0	0	100	75	125			
A Zinc	500.0	0	20.00	500.0	6.721	99	75	125			

Definitions:

- * - Recovery outside QC limits
- DNI - Did not Ignite
- M - Matrix Spike Recovery outside limits
- NP - Petroleum Pattern is not present
- B - Analyte found in Method blank
- E - Result exceeds Highest Calibration Standard
- N - Single Column Analysis
- P - Post Spike Recovery outside limits
- D - Diluted due to matrix or extended target compounds
- H - Value Exceeds Maximum Contaminant Level
- NC - Not Calculated
- R - RPD outside recovery limits
- DF - Dilution Factor
- J - Estimated value
- ND - Not Detected at the Reporting Limit

Footnotes: 1 - Represents RSD Limit for Quad Analysis RL - Reporting Limit

Ecology and Environment, Inc.
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Laboratory Results
 NYS ELAP ID#: 10486
 Phone: (716) 685-8080

CLIENT: E and E Buffalo Office
Work Order: 0401019
Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT
 Sample Duplicate

CLP TAL Metals by Method ILM04.1

Client Sample ID: **AS EFFLUENT**

Test Code: **1_ILM04.1_TAL_W**

Units: **µg/L**

Sample ID: **0401019-02DD**

Prep Batch ID: **200400212**

DF: **1** DL_No: **1**

SeqNo: **889710** Analysis Date **1/27/2004 7:13:14 PM**

Prep Date: **1/21/2004**

Analyte Type / Name	Result	MDL	RL	Spike Value	Orig Result	%REC	LowLimit	HighLimit	RPD	RPD Limit ¹	Qual
A Aluminum	5.704	0	200.0		0				200.0	20	
A Calcium	157400	0	5000		148400				5.9	20	
A Cobalt	0.7382	0	50.00		0.7067				4.4	20	
A Copper	24.14	0	25.00		22.82				5.6	20	
A Iron	3908	0	100.0		3634				7.3	20	
A Lead	1.911	0	3.000		2.054				7.2	20	
A Magnesium	26800	0	5000		25140				6.4	20	
A Manganese	651.9	0	15.00		617.8				5.4	20	
A Nickel	0.3035	0	40.00		0.5390				55.9	20	
A Potassium	8084	0	5000		7574				6.5	20	
A Silver	1.202	0	10.00		1.571				26.6	20	
A Sodium	265300	0	5000		250900				5.6	20	
A Vanadium	ND	0	50.00		0				0.0	20	
A Zinc	6.220	0	20.00		6.721				7.7	20	

Definitions:

- * - Recovery outside QC limits
- DNI - Did not Ignite
- M - Matrix Spike Recovery outside limits
- NP - Petroleum Pattern is not present
- B - Analyte found in Method blank
- E - Result exceeds Highest Calibration Standard
- N - Single Column Analysis
- P - Post Spike Recovery outside limits
- D - Diluted due to matrix or extended target compounds
- H - Value Exceeds Maximum Contaminant Level
- NC - Not Calculated
- R - RPD outside recovery limits
- DF - Dilution Factor
- J - Estimated value
- ND - Not Detected at the Reporting Limit

Footnotes: 1 - Represents RSD Limit for Quad Analysis RL - Reporting Limit

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

CLIENT: E and E Buffalo Office
Work Order: 0401019
Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT
 Laboratory Control Spike

CLP TAL Metals by Method ILM04.1

Sample ID: **LCS-200400212** Client Sample ID:

Run Batch ID: **OPTIMA3300_040127B** SeqNo: **889705**

Analysis Date **1/27/2004 6:48:15 PM** Prep Batch ID: **200400212**

Test Code: **1_ILM04.1_TAL_W**

Units: **µg/L**

DF: **1** DL_No: **1**

Prep Date: **1/21/2004**

Analyte Type / Name	Result	MDL	RL	Spike Value	Orig Result	%REC	LowLimit	HighLimit	RPD	RPD Limit ¹	Qual
A Aluminum	970.3	0	200.0	1000	0	97	80	120			
A Calcium	10260	0	5000	10000	0	103	80	120			
A Cobalt	1070	0	50.00	1000	0	107	80	120			
A Copper	1007	0	25.00	1000	0	101	80	120			
A Iron	10460	0	100.0	10000	0	105	80	120			
A Lead	1065	0	3.000	1000	0	107	80	120			
A Magnesium	10370	0	5000	10000	0	104	80	120			
A Manganese	1057	0	15.00	1000	0	106	80	120			
A Nickel	1068	0	40.00	1000	0	107	80	120			
A Potassium	10140	0	5000	10000	0	101	80	120			
A Silver	51.01	0	10.00	50.00	0	102	80	120			
A Sodium	10150	0	5000	10000	0	102	80	120			
A Vanadium	1038	0	50.00	1000	0	104	80	120			
A Zinc	1036	0	20.00	1000	0	104	80	120			

Definitions:

- * - Recovery outside QC limits
- DNI - Did not Ignite
- M - Matrix Spike Recovery outside limits
- NP - Petroleum Pattern is not present
- B - Analyte found in Method blank
- E - Result exceeds Highest Calibration Standard
- N - Single Column Analysis
- P - Post Spike Recovery outside limits
- D - Diluted due to matrix or extended target compounds
- H - Value Exceeds Maximum Contaminant Level
- NC - Not Calculated
- R - RPD outside recovery limits
- DF - Dilution Factor
- J - Estimated value
- ND - Not Detected at the Reporting Limit

Footnotes: I - Represents RSD Limit for Quad Analysis RL - Reporting Limit

MERCURY

Ecology and Environment, Inc.

Analytical Services Center

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Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

Client: E and E Buffalo Office

Lab Order: 0401019

Project: Mr. C's Dry Cleaners

Lab ID: 0401019-01D

Sample Type: SAMP

Matrix: Water

Client Sample ID: AS INFLUENT

Alt. Client ID:

Collection Date: 1/5/2004 1:05:00 PM % Moist:

Test Code: 1_ILM04.1_HG_W

MERCURY ANALYSIS BY METHOD ILM04.1

Method: ILM04.1_HG

Prep Method: ILM04.1_HG

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
Mercury	0.425		0.200	µg/L	1	1/20/2004 8:54:32 AM	LEEMAN_040120A	JLS

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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

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: 0401019

Project: Mr. C's Dry Cleaners

Lab ID: 0401019-02D

Sample Type: SAMP

Matrix: Water

Test Code: 1_ILM04.1_HG_W

Client Sample ID: AS EFFLUENT

Alt. Client ID:

Collection Date: 1/5/2004 1:00:00 PM % Moist:

MERCURY ANALYSIS BY METHOD ILM04.1

Method: ILM04.1_HG

Prep Method: ILM04.1_HG

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
Mercury	ND		0.200	µg/L	1	1/20/2004 8:56:10 AM	LEEMAN_040120A	JLS

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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

M - Matrix Spike Recovery outside limits

ND - Not Detected at the Reporting Limit

R - RPD outside recovery limits

Ecology and Environment, Inc.
 Analytical Services Center
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Laboratory Results
 NYS ELAP ID#: 10486
 Phone: (716) 685-8080

CLIENT: E and E Buffalo Office
Work Order: 0401019
Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT
 Method Blank

CLP Mercury Analysis by Method ILM04.1

Sample ID: **MB-200400164** Client Sample ID:

Run Batch ID: **LEEMAN_040120A** SeqNo: **885583**

Analyte Type / Name: **A Mercury** Result: **ND**

Test Code: **1_ILM04.1_HG_W**

Units: **µg/L**

DF: **1** DL_No: **1**

Prep Date: **1/16/2004**

Analysis Date: **1/20/2004 8:51:26 AM** Prep Batch ID: **200400164**

MDL: **0** RL: **0.2000** Spike Value: **0.2000** %REC: **0** LowLimit: **RPD** HighLimit: **RPD** RPD Limit: **1** Qual: **RPD**

Definitions:

* - Recovery outside QC limits
 DNI - Did not Ignite
 M - Matrix Spike Recovery outside limits
 NP - Petroleum Pattern is not present

B - Analyte found in Method blank
 E - Result exceeds Highest Calibration Standard
 N - Single Column Analysis
 P - Post Spike Recovery outside limits

D - Diluted due to matrix or extended target compounds
 H - Value Exceeds Maximum Contaminant Level
 NC - Not Calculated
 R - RPD outside recovery limits

DF - Dilution Factor
 J - Estimated value
 ND - Not Detected at the Reporting Limit

Footnotes: I - Represents RSD Limit for Quad Analysis RL - Reporting Limit

Ecology and Environment, Inc.

Analytical Services Center

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Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

CLIENT: E and E Buffalo Office

Work Order: 0401019

Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT

Sample Matrix Spike

CLP Mercury Analysis by Method ILM04.1

Test Code: 1_ILM04.1_HG_W

Sample ID: 0401019-02DS Client Sample ID: AS EFFLUENT Units: µg/L
Run Batch ID: LEEMAN_040120A SeqNo: 885584 Analysis Date 1/20/2004 8:59:25 AM Prep Batch ID: 200400164 DF: 1 DL_No: 1
Analyte Type / Name Result MDL RL Spike Value Orig Result %REC LowLimit HighLimit RPD RPD Limit¹ Qual
A Mercury 0.9189 0 0.2000 1.000 0.08259 84 75 125

Definitions:

* - Recovery outside QC limits

DNI - Did not Ignite

M - Matrix Spike Recovery outside limits

NP - Petroleum Pattern is not present

B - Analyte found in Method blank

E - Result exceeds Highest Calibration Standard

N - Single Column Analysis

P - Post Spike Recovery outside limits

D - Diluted due to matrix or extended target compounds

H - Value Exceeds Maximum Contaminant Level

NC - Not Calculated

R - RPD outside recovery limits

DF - Dilution Factor

J - Estimated value

ND - Not Detected at the Reporting Limit

Footnotes: 1 - Represents RSD Limit for Quad Analysis RL - Reporting Limit

Ecology and Environment, Inc.

Analytical Services Center

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Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

CLIENT: E and E Buffalo Office

Work Order: 0401019

Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT

Sample Duplicate

CLP Mercury Analysis by Method ILM04.1

Sample ID: 0401019-02DD Client Sample ID: AS EFFLUENT

Run Batch ID: LEEMAN_040120A SeqNo: 885579 Analysis Date 1/20/2004 8:57:58 AM Prep Batch ID: 200400164

Analyte Type / Name Result MDL RL Spike Value Orig Result %REC LowLimit HighLimit RPD RPD Limit¹ Qual

A Mercury ND 0 0.2000 0.08259 200.0 20

Test Code: 1_ILM04.1_HG_W

Units: µg/L

DF: 1 DL_No: 1

Prep Date: 1/16/2004

RPD RPD Limit¹ Qual

Definitions:

* - Recovery outside QC limits

DNI - Did not Ignite

M - Matrix Spike Recovery outside limits

NP - Petroleum Pattern is not present

B - Analyte found in Method blank

E - Result exceeds Highest Calibration Standard

N - Single Column Analysis

P - Post Spike Recovery outside limits

D - Diluted due to matrix or extended target compounds

H - Value Exceeds Maximum Contaminant Level

NC - Not Calculated

R - RPD outside recovery limits

DF - Dilution Factor

J - Estimated value

ND - Not Detected at the Reporting Limit

Footnotes: 1 - Represents RSD Limit for Quad Analysis RL - Reporting Limit

Ecology and Environment, Inc.
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Laboratory Results
 NYS ELAP ID#: 10486
 Phone: (716) 685-8080

CLIENT: E and E Buffalo Office
Work Order: 0401019
Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT
 Laboratory Control Spike

CLP Mercury Analysis by Method ILM04.1

Sample ID: **LCS-200400164** Client Sample ID:

Run Batch ID: **LEEMAN_040120A** SeqNo: **885582**

Analysis Date **1/20/2004 8:52:45 AM** Prep Batch ID: **200400164**

Analyte Type / Name
 A Mercury Result 0.9347

Test Code: **1_ILM04.1_HG_W**

Units: **µg/L**

DF: 1 DL_No: 1

Prep Date: **1/16/2004**

Result	MDL	RL	Spike Value	Orig Result	%REC	LowLimit	HighLimit	RPD	RPD Limit ¹	Qual
0.9347	0	0.2000	1.000	0	93	80	120			

Definitions:

- * - Recovery outside QC limits
- DNI - Did not Ignite
- M - Matrix Spike Recovery outside limits
- NP - Petroleum Pattern is not present
- B - Analyte found in Method blank
- E - Result exceeds Highest Calibration Standard
- N - Single Column Analysis
- P - Post Spike Recovery outside limits
- D - Diluted due to matrix or extended target compounds
- H - Value Exceeds Maximum Contaminant Level
- NC - Not Calculated
- R - RPD outside recovery limits
- DF - Dilution Factor
- J - Estimated value
- ND - Not Detected at the Reporting Limit
- RL - Reporting Limit

Footnotes: 1 - Represents RSD Limit for Quad Analysis

GENERAL ANALYTICAL CHEMISTRY

Client: E and E Buffalo Office

Client Sample ID: AS INFLUENT

Lab Order: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 1/5/2004 1:05:00 PM % Moist:

Lab ID: 0401019-01C

Sample Type: SAMP

Matrix: Water

Test Code: 1_ILM04.1_CN_W

TOTAL CYANIDE BY ILM04.1

Method: ILM04.1_CN

Prep Method: ILM04.1_CN

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
Cyanide	ND		10	µg/L	1	1/8/2004 12:02:03 PM	LACHAT_CN_040108A	RLG

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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

M - Matrix Spike Recovery outside limits

ND - Not Detected at the Reporting Limit

R - RPD outside recovery limits

Ecology and Environment, Inc.

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Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

Client: E and E Buffalo Office

Lab Order: 0401019

Project: Mr. C's Dry Cleaners

Lab ID: 0401019-02C

Sample Type: SAMP

Matrix: Water

Client Sample ID: AS EFFLUENT

Alt. Client ID:

Collection Date: 1/5/2004 1:00:00 PM % Moist:

Test Code: 1_ILM04.1_CN_W

TOTAL CYANIDE BY ILM04.1

Method: ILM04.1_CN

Prep Method: ILM04.1_CN

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
Cyanide	ND		10	µg/L	1	1/8/2004 12:05:02 PM	LACHAT_CN_040108A	RLG

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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

M - Matrix Spike Recovery outside limits

ND - Not Detected at the Reporting Limit

R - RPD outside recovery limits

Ecology and Environment, Inc.

Analytical Services Center

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Lancaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

CLIENT: E and E Buffalo Office

Work Order: 0401019

Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT

Method Blank

Total Cyanide by SOW ILM04.1

Sample ID: MB-200400041

Run Batch ID: LACHAT_CN_040108A

Analyte Type / Name

A Cyanide

Test Code: 1_ILM04.1_CN_W

Units: µg/L

Client Sample ID:

SeqNo: 881827

Analysis Date 1/8/2004 12:01:03 PM

Prep Batch ID: 200400041

Prep Date: 1/7/2004

Result

661.5

MDL

0

RL

10.00

Spike Value

%REC

LowLimit

HighLimit

RPD

RPD Limit¹

Qual

Definitions:

* - Recovery outside QC limits

DNI - Did not Ignite

M - Matrix Spike Recovery outside limits

NP - Petroleum Pattern is not present

B - Analyte found in Method blank

E - Result exceeds Highest Calibration Standard

N - Single Column Analysis

P - Post Spike Recovery outside limits

D - Diluted due to matrix or extended target compounds

H - Value Exceeds Maximum Contaminant Level

NC - Not Calculated

R - RPD outside recovery limits

DF - Dilution Factor

J - Estimated value

ND - Not Detected at the Reporting Limit

Footnotes: 1 - Represents RSD Limit for Quad Analysis

RL - Reporting Limit

Ecology & Environment Inc. LIMS Version #: 3.1.9.2 - 2/3/2004 1:00:00 AM

Tuesday, February 03, 2004 1:26:54 PM

Ecology and Environment, Inc.
 Analytical Services Center
 4493 Walden Avenue
 Lancaster, New York 14086

Laboratory Results

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

CLIENT: E and E Buffalo Office
Work Order: 0401019
Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT
 Sample Duplicate

Total Cyanide by SOW ILM04.1

Sample ID: 0401019-01CD Client Sample ID: **AS INFLUENT** Test Code: 1_ILM04.1_CN_W Units: µg/L
 Run Batch ID: LACHAT_CN_040108A SeqNo: 881824 Analysis Date 1/8/2004 12:03:04 PM Prep Batch ID: 200400041 DF: 1 DL_No: 1
 Analyte Type / Name Result MDL RL Spike Value Orig Result %REC LowLimit HighLimit RPD RPD Limit¹ Qual
 A Cyanide 1.278 0 10.00 1.513 16.8 20

Definitions:

- * - Recovery outside QC limits
- DNI - Did not ignite
- M - Matrix Spike Recovery outside limits
- NP - Petroleum Pattern is not present
- B - Analyte found in Method blank
- E - Result exceeds Highest Calibration Standard
- N - Single Column Analysis
- P - Post Spike Recovery outside limits
- D - Diluted due to matrix or extended target compounds
- H - Value Exceeds Maximum Contaminant Level
- NC - Not Calculated
- R - RPD outside recovery limits
- DF - Dilution Factor
- J - Estimated value
- ND - Not Detected at the Reporting Limit

Footnotes: I - Represents RSD Limit for Quad Analysis RL - Reporting Limit

Ecology and Environment, Inc.

Analytical Services Center
 4493 Walden Avenue
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Laboratory Results

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

CLIENT: E and E Buffalo Office
 Work Order: 0401019
 Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT

Sample Matrix Spike

Total Cyanide by SOW ILM04.1

Sample ID: 0401019-01CS Client Sample ID: AS INFLUENT Units: µg/L
 Run Batch ID: LACHAT_CN_040108A SeqNo: 881628 Analysis Date 1/8/2004 12:04:03 PM Prep Batch ID: 200400041
 Analyte Type / Name Result MDL RL Spike Value Orig Result %REC LowLimit HighLimit RPD RPD Limit¹ Qual
 A Cyanide 120.1 0 10.00 100.0 1.513 119 75 125

Test Code: 1_ILM04.1_CN_W

DF: 1 DL_No: 1

Prep Date: 1/7/2004

Definitions:

- * - Recovery outside QC limits
- DNI - Did not Ignite
- M - Matrix Spike Recovery outside limits
- NP - Petroleum Pattern is not present
- B - Analyte found in Method blank
- E - Result exceeds Highest Calibration Standard
- N - Single Column Analysis
- P - Post Spike Recovery outside limits
- D - Diluted due to matrix or extended target compounds
- H - Value Exceeds Maximum Contaminant Level
- NC - Not Calculated
- R - RPD outside recovery limits
- DF - Dilution Factor
- J - Estimated value
- ND - Not Detected at the Reporting Limit

Footnotes: 1 - Represents RSD Limit for Quad Analysis RL - Reporting Limit

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

CLIENT: E and E Buffalo Office

Work Order: 0401019

Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT

Initial Calibration Verification Standard

Total Cyanide by SOW ILM04.1

Sample ID: ICV(LCS)-1_881826 Client Sample ID:

Run Batch ID: LACHAT_CN_040108A SeqNo: 881826 Analysis Date 1/8/2004 11:57:02 AM Prep Batch ID: 2004000041

Analyte Type / Name Result MDL RL Spike Value Orig Result %REC LowLimit HighLimit RPD RPD Limit¹ Qual
A Cyanide 424.2 0 10.00 400.0 0 106 85 115

Test Code: 1_ILM04.1_CN_W

Units: µg/L

DF: 1 DL_No: 1

Prep Date: 1/7/2004

Definitions:

* - Recovery outside QC limits

DNI - Did not Ignite

M - Matrix Spike Recovery outside limits

NP - Petroleum Pattern is not present

B - Analyte found in Method blank

E - Result exceeds Highest Calibration Standard

N - Single Column Analysis

P - Post Spike Recovery outside limits

D - Diluted due to matrix or extended target compounds

H - Value Exceeds Maximum Contaminant Level

NC - Not Calculated

R - RPD outside recovery limits

DF - Dilution Factor

J - Estimated value

ND - Not Detected at the Reporting Limit

Footnotes: 1 - Represents RSD Limit for Quad Analysis RL - Reporting Limit

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NYS ELAP ID#: 10486

Phone: (716) 685-8080

Client: E and E Buffalo Office

Client Sample ID: AS INFLUENT

Lab Order: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 1/5/2004 1:05:00 PM % Moist:

Lab ID 0401019-01D

Sample Type: SAMP

Matrix: Water

Test Code: 1_130.2_HARD_W

HARDNESS, TOTAL BY METHOD EPA 130.2

Method: EPA130.2

Prep Method:

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
Hardness (As CaCO3)	688		1.00	mg/L	1	1/6/2004	WC_040106A	PAN

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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

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: 0401019

Project: Mr. C's Dry Cleaners

Lab ID 0401019-02D

Sample Type: SAMP

Matrix: Water

Client Sample ID: AS EFFLUENT

Alt. Client ID:

Collection Date: 1/5/2004 1:00:00 PM % Moist:

Test Code: 1_130.2_HARD_W

HARDNESS, TOTAL BY METHOD EPA 130.2

Method: EPA130.2

Prep Method:

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
Hardness (As CaCO3)	729		1.00	mg/L	1	1/6/2004	WC_040106A	PAN

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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

M - Matrix Spike Recovery outside limits

ND - Not Detected at the Reporting Limit

R - RPD outside recovery limits

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 Phone: (716) 685-8080

CLIENT: E and E Buffalo Office
Work Order: 0401019
Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT
 Method Blank

Hardness, Total by Method EPA 130.2

Sample ID **MB-040106191** Client Sample ID:

Run Batch ID: **WC_040106A** SeqNo: **880509** Analysis Date **1/6/2004**

Analyte Type / Name Result MDL RL Spike Value Orig Result %REC LowLimit HighLimit RPD RPD Limit¹ Qual

A Hardness (As CaCO3) ND 1.000 1.000

Test Code: **1_130.2_HARD_W**

Units: mg/L

DF: 1 DL_No: 1

Prep Date **1/6/2004**

Prep Batch ID: **040106191r**

Definitions:

* - Recovery outside QC limits

DNI - Did not Ignite

TM - Matrix Spike Recovery outside limits

NP - Petroleum Pattern is not present

B - Analyte found in Method blank

E - Result exceeds Highest Calibration Standard

N - Single Column Analysis

P - Post Spike Recovery outside limits

D - Diluted due to matrix or extended target compounds

H - Value Exceeds Maximum Contaminant Level

NC - Not Calculated

R - RPD outside recovery limits

DF - Dilution Factor

J - Estimated value

ND - Not Detected at the Reporting Limit

Footnotes: 1 - Represents RSD Limit for Quad Analysis RL - Reporting Limit

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 Phone: (716) 685-8080

CLIENT: E and E Buffalo Office
Work Order: 0401019
Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT
 Sample Duplicate

Hardness, Total by Method EPA 130.2

Sample ID: **0401019-02D** Client Sample ID: **AS EFFLUENT**
 Run Batch ID: **WC_040106A** SeqNo: **880516** Analysis Date: **1/6/2004**
 Analyte Type / Name: **A Hardness (As CaCO3)**

Test Code: **1_130.2_HARD_W**
 Prep Batch ID: **040106191r**
 %REC: **728.7**

Units: **mg/L**
 DF: **1** DL_No: **1**
 Prep Date: **1/6/2004**
 RPD: **0.7** RPD Limit ¹: **20**

Result	MDL	RL	Spike Value	Orig Result	LowLimit	HighLimit	RPD	RPD Limit ¹	Qual
723.6	1.000	1.000		728.7			0.7	20	

Definitions:

- * - Recovery outside QC limits
- DNI - Did not Ignite
- M - Matrix Spike Recovery outside limits
- NP - Petroleum Pattern is not present
- B - Analyte found in Method blank
- E - Result exceeds Highest Calibration Standard
- N - Single Column Analysis
- P - Post Spike Recovery outside limits
- D - Diluted due to matrix or extended target compounds
- H - Value Exceeds Maximum Contaminant Level
- NC - Not Calculated
- R - RPD outside recovery limits
- DF - Dilution Factor
- J - Estimated value
- ND - Not Detected at the Reporting Limit

Footnotes: 1 - Represents RSD Limit for Quad Analysis RL - Reporting Limit

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Laboratory Results

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 Phone: (716) 685-8080

CLIENT: E and E Buffalo Office
Work Order: 0401019
Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT
Laboratory Control Spike

Hardness, Total by Method EPA 130.2

Sample ID **LCS-040106191** Client Sample ID:

Run Batch ID: **WC_040106A** SeqNo: **880510** Analysis Date **1/6/2004**

Analyte Type / Name Result MDL RL Spike Value Orig Result %REC LowLimit HighLimit

A Hardness (As CaCO3) 109.6 1.000 1.000 100.0 0 110 90 110

Test Code: **1_130.2_HARD_W**

Units: mg/L

DF: 1 DL_No: 1

Prep Date **1/6/2004**

RPD RPD Limit ¹ Qual

Definitions:

* - Recovery outside QC limits

DNI - Did not Ignite

M - Matrix Spike Recovery outside limits

NP - Petroleum Pattern is not present

B - Analyte found in Method blank

E - Result exceeds Highest Calibration Standard

N - Single Column Analysis

P - Post Spike Recovery outside limits

D - Diluted due to matrix or extended target compounds

H - Value Exceeds Maximum Contaminant Level

NC - Not Calculated

R - RPD outside recovery limits

DF - Dilution Factor

J - Estimated value

ND - Not Detected at the Reporting Limit

Footnotes: 1 - Represents RSD Limit for Quad Analysis RL - Reporting Limit

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NYS ELAP ID#: 10486

Phone: (716) 685-8080

Client: E and E Buffalo Office

Client Sample ID: AS INFLUENT

Lab Order: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 1/5/2004 1:05:00 PM % Moist:

Lab ID 0401019-01B

Sample Type: SAMP

Matrix: Water

Test Code: 1_160.1_TDS_W

TOTAL DISSOLVED SOLIDS (TDS) BY METHOD EPA 160.1

Method: EPA160.1

Prep Method:

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
Total Dissolved Solids (Residue, Filterable)	1300		10	mg/L	1	1/6/2004	SARTORIUS_TDS_040106	MYO

Definitions:

Recovery outside QC limits

B - Analyte found in Method blank

D - Diluted due to matrix or extended target compounds

DF - Dilution Factor

DNI - Did not Ignite

E - Result exceeds Highest Calibration Standard

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: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 1/5/2004 1:00:00 PM % Moist:

Lab ID 0401019-02B

Sample Type: SAMP

Matrix: Water

Test Code: 1_160.1_TDS_W

TOTAL DISSOLVED SOLIDS (TDS) BY METHOD EPA 160.1

Method: EPA160.1

Prep Method:

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
Total Dissolved Solids (Residue, Filterable)	1300		10	mg/L	1	1/6/2004	SARTORIUS_TDS_040106	MYO

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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

M - Matrix Spike Recovery outside limits

ND - Not Detected at the Reporting Limit

R - RPD outside recovery limits

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Laboratory Results

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CLIENT: E and E Buffalo Office
Work Order: 0401019
Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT
 Method Blank

Total Dissolved Solids (TDS) by method 160.1

Sample ID **MB-040106102** Client Sample ID:

Run Batch ID: **SARTORIUS_TDS_040106A** SeqNo: **880894** Analysis Date **1/6/2004**

Analyte Type / Name Result MDL RL Spike Value Orig Result %REC LowLimit HighLimit RPD RPD Limit¹ Qual

A Total Dissolved Solids (Residue, Filterable) ND 10.00 10.00

Test Code: **1_160.1_TDS_W**

Units: mg/L

DF: 1 DL_No: 1

Prep Date **1/6/2004**

Prep Batch ID: **040106102R**

Definitions:

* - Recovery outside QC limits

DNI - Did not Ignite

M - Matrix Spike Recovery outside limits

NP - Petroleum Pattern is not present

Footnotes: 1 - Represents RSD Limit for Quad Analysis RL - Reporting Limit

B - Analyte found in Method blank

E - Result exceeds Highest Calibration Standard

N - Single Column Analysis

P - Post Spike Recovery outside limits

D - Diluted due to matrix or extended target compounds

H - Value Exceeds Maximum Contaminant Level

NC - Not Calculated

R - RPD outside recovery limits

DF - Dilution Factor

J - Estimated value

ND - Not Detected at the Reporting Limit

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Laboratory Results
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 Phone: (716) 685-8080

CLIENT: E and E Buffalo Office
Work Order: 0401019
Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT
 Sample Duplicate

Total Dissolved Solids (TDS) by method 160.1

Test Code: 1_160.1_TDS_W

Sample ID 0401019-02B Client Sample ID: AS EFFLUENT

Run Batch ID: SARTORIUS_TDS_040106A SeqNo: 880898 Analysis Date 1/6/2004

Prep Batch ID: 040106102R

Analyte Type / Name	Result	MDL	RL	Spike Value	Orig Result	%REC	LowLimit	HighLimit	RPD	RPD Limit	Qual
A Total Dissolved Solids (Residue, Filterable)	1269	10.00	10.00		1299				2.3	20	

Units: mg/L
 DF: 1 DL_No: 1
 Prep Date 1/6/2004

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Definitions:

- * - Recovery outside QC limits
- DNI - Did not Ignite
- M - Matrix Spike Recovery outside limits
- NP - Petroleum Pattern is not present
- B - Analyte found in Method blank
- E - Result exceeds Highest Calibration Standard
- N - Single Column Analysis
- P - Post Spike Recovery outside limits
- D - Diluted due to matrix or extended target compounds
- H - Value Exceeds Maximum Contaminant Level
- NC - Not Calculated
- R - RPD outside recovery limits
- DF - Dilution Factor
- J - Estimated value
- ND - Not Detected at the Reporting Limit

Footnotes: I - Represents RSD Limit for Quad Analysis RL - Reporting Limit

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Laboratory Results

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

CLIENT: E and E Buffalo Office
Work Order: 0401019
Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT

Laboratory Control Spike

Total Dissolved Solids (TDS) by method 160.1

Sample ID **LCS-040106102** Client Sample ID:

Run Batch ID: **SARTORIUS_TDS_040106A** SeqNo: **880895** Analysis Date **1/6/2004**

Analyte Type / Name Result MDL RL Spike Value Orig Result %REC LowLimit HighLimit RPD RPD Limit¹ Qual

A Total Dissolved Solids (Residue, Filterable) 240.0 10.00 10.00 233.0 0 103 85 115

Test Code: **1_160.1_TDS_W**

Units: mg/L

DF: 1 DL_No: 1

Prep Batch ID: **040106102R** Prep Date **1/6/2004**

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Definitions:

- * - Recovery outside QC limits
- DNI - Did not Ignite
- M - Matrix Spike Recovery outside limits
- NP - Petroleum Pattern is not present
- B - Analyte found in Method blank
- E - Result exceeds Highest Calibration Standard
- N - Single Column Analysis
- P - Post Spike Recovery outside limits
- D - Diluted due to matrix or extended target compounds
- H - Value Exceeds Maximum Contaminant Level
- NC - Not Calculated
- R - RPD outside recovery limits
- DF - Dilution Factor
- J - Estimated value
- ND - Not Detected at the Reporting Limit

Footnotes: 1 - Represents RSD Limit for Quad Analysis RL - Reporting Limit

Client: E and E Buffalo Office

Client Sample ID: AS INFLUENT

Lab Order: 0401019

Alt. Client ID:

Project: Mr. C's Dry Cleaners

Collection Date: 1/5/2004 1:05:00 PM % Moist:

Lab ID 0401019-01B

Sample Type: SAMP

Matrix: Water

Test Code: 1_160.2_TSS_W

TOTAL SUSPENDED SOLIDS, NON-FILTERABLE RESIDUE

Method: EPA160.2

Prep Method:

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
Total Suspended Solids (Residue, Non-Filterable)	12		4.0	mg/L	1	1/6/2004	SARTORIUS_TSS_040106	MYO

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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

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: 0401019

Project: Mr. C's Dry Cleaners

Lab ID 0401019-02B

Sample Type: SAMP

Matrix: Water

Client Sample ID: AS EFFLUENT

Alt. Client ID:

Collection Date: 1/5/2004 1:00:00 PM % Moist:

Test Code: 1_160.2_TSS_W

TOTAL SUSPENDED SOLIDS, NON-FILTERABLE RESIDUE

Method: EPA160.2

Prep Method:

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
Total Suspended Solids (Residue, Non-Filterable)	17		4.0	mg/L	1	1/6/2004	SARTORIUS_TSS_040106	MYO

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 matrix or extended target compounds

E - Result exceeds Highest Calibration Standard

M - Matrix Spike Recovery outside limits

ND - Not Detected at the Reporting Limit

R - RPD outside recovery limits

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CLIENT: E and E Buffalo Office
Work Order: 0401019
Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT
 Method Blank

Total Suspended Solids (TSS) by method 160.2

Sample ID **MB-040106103** Client Sample ID:

Run Batch ID: **SARTORIUS_TSS_040106A** SeqNo: **880899** Analysis Date **1/6/2004**

Analyte Type / Name Result MDL RL Spike Value Orig Result %REC LowLimit HighLimit RPD RPD Limit¹ Qual

A Total Suspended Solids (Residue, Non-Filterable) ND 4.000 4.000

Test Code: **1_160.2_TSS_W**

Units: mg/L

DF: 1 DL_No: 1

Prep Date 1/6/2004

Prep Batch ID: **040106103R**

Definitions:

* - Recovery outside QC limits

DNI - Did not Ignite

M - Matrix Spike Recovery outside limits

NP - Petroleum Pattern is not present

B - Analyte found in Method blank

E - Result exceeds Highest Calibration Standard

N - Single Column Analysis

P - Post Spike Recovery outside limits

D - Diluted due to matrix or extended target compounds

H - Value Exceeds Maximum Contaminant Level

NC - Not Calculated

R - RPD outside recovery limits

DF - Dilution Factor

J - Estimated value

ND - Not Detected at the Reporting Limit

Footnotes: 1 - Represents RSD Limit for Quad Analysis RL - Reporting Limit

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

CLIENT: E and E Buffalo Office
Work Order: 0401019
Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT
 Sample Duplicate

Total Suspended Solids (TSS) by method 160.2

Sample ID **0401019-02B** Client Sample ID: **AS EFFLUENT**

Run Batch ID: **SARTORIUS_TSS_040106A** SeqNo: **880903** Analysis Date **1/6/2004**

Prep Batch ID: **040106103R**

Analyte Type / Name Result MDL RL Spike Value Orig Result %REC LowLimit HighLimit RPD RPD Limit¹ Qual

A Total Suspended Solids (Residue, Non-Filterable) 18.00 4.000 4.000 17.00 5.7 20

Test Code: **1_160.2_TSS_W**

Units: mg/L

DF: 1 DL_No: 1

Prep Date **1/6/2004**

Definitions:

* - Recovery outside QC limits
 DNI - Did not Ignite

M - Matrix Spike Recovery outside limits
 NP - Petroleum Pattern is not present

B - Analyte found in Method blank
 E - Result exceeds Highest Calibration Standard
 N - Single Column Analysis
 P - Post Spike Recovery outside limits

D - Diluted due to matrix or extended target compounds
 H - Value Exceeds Maximum Contaminant Level
 NC - Not Calculated
 R - RPD outside recovery limits

DF - Dilution Factor
 J - Estimated value
 ND - Not Detected at the Reporting Limit

Footnotes: 1 - Represents RSD Limit for Quad Analysis RL - Reporting Limit

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NYS ELAP ID#: 10486

Phone: (716) 685-8080

CLIENT: E and E Buffalo Office

Work Order: 0401019

Project: Mr. C's Dry Cleaners

QC SUMMARY REPORT Laboratory Control Spike

Total Suspended Solids (TSS) by method 160.2

Sample ID: LCS-040106103 Client Sample ID:

Run Batch ID: SARTORIUS_TSS_040106A SeqNo: 880900

Analysis Date: 1/6/2004

Prep Batch ID: 040106103R

Analyte Type / Name: A Total Suspended Solids (Residue, Non-Filterable)

Result: 296.0

MDL: 4.000

RL: 4.000

Spike Value: 273.0

%REC: 0

LowLimit: 85

HighLimit: 115

Qual

Test Code: 1_160.2_TSS_W

Units: mg/L

DF: 1 DL_No: 1

Prep Date: 1/6/2004

RPD RPD Limit¹

Definitions:

* - Recovery outside QC limits

DNI - Did not Ignite

M - Matrix Spike Recovery outside limits

NP - Petroleum Pattern is not present

B - Analyte found in Method blank

E - Result exceeds Highest Calibration Standard

N - Single Column Analysis

P - Post Spike Recovery outside limits

D - Diluted due to matrix or extended target compounds

H - Value Exceeds Maximum Contaminant Level

NC - Not Calculated

R - RPD outside recovery limits

DF - Dilution Factor

J - Estimated value

ND - Not Detected at the Reporting Limit

Footnotes: 1 - Represents RSD Limit for Quad Analysis RL - Reporting Limit