

K.B.

Berninger Environmental, Inc.

groundwater consultants and geologists

90-B Knickerbocker Avenue
Bohemia • New York • 11716

Phone: 631 • 589 • 6521

Fax: 631 • 589 • 6528

July 31, 2010

Udomlug (Nok) Siriphonlai, P.E.
Westchester County Department of Health (WCCDOH)
Bureau of Environmental Quality
145 Huguenot Street
New Rochelle, NY 10801

RECEIVED
AUG 01 2010
Remedial Bureau
Division of Environmental Remediation

Re: On Site Inspection For July 6, 2010
Schmukler's Cleaners
358-364 North Ave. New Rochelle, New York
Site No.: C360088 Index No.: A3-0542-0306

On July 6, 2010 Berninger Environmental Inc. (BEI) personnel were at the above mentioned site for Monthly Monitoring and Maintenance Operations. BEI returned to the site listed above to retrieve influent and effluent PID readings on the carbon drum. PID readings were also taken for all the vapor points and permanent vapor points. Attached to this report are the following:

- * Field Maintenance Logs
- * Graphs
- * Lab Data
- * Chain of Custody

During this on-site inspection BEI personnel did obtain, via a tedlar sample bag, a one liter 30 second grab of the VES influent and effluent emissions point post-carbon filtration.

While on site BEI personnel recorded PID readings, Air Flow Concentrations and obtained an influent and effluent stack emission sample via test method TO-15. During this inspection all systems appeared to be in proper operating condition.

*BEI will conduct the next monthly monitoring of the site during August 2010.

*Quarterly reporting to WCCDOH (Nok) and NYSDEC (Kiera Becker)

Sincerely,
Berninger Environmental, Inc.



Justin Halpin
Project Manager
encs.

cc: Kiera Becker
Hal Shapiro

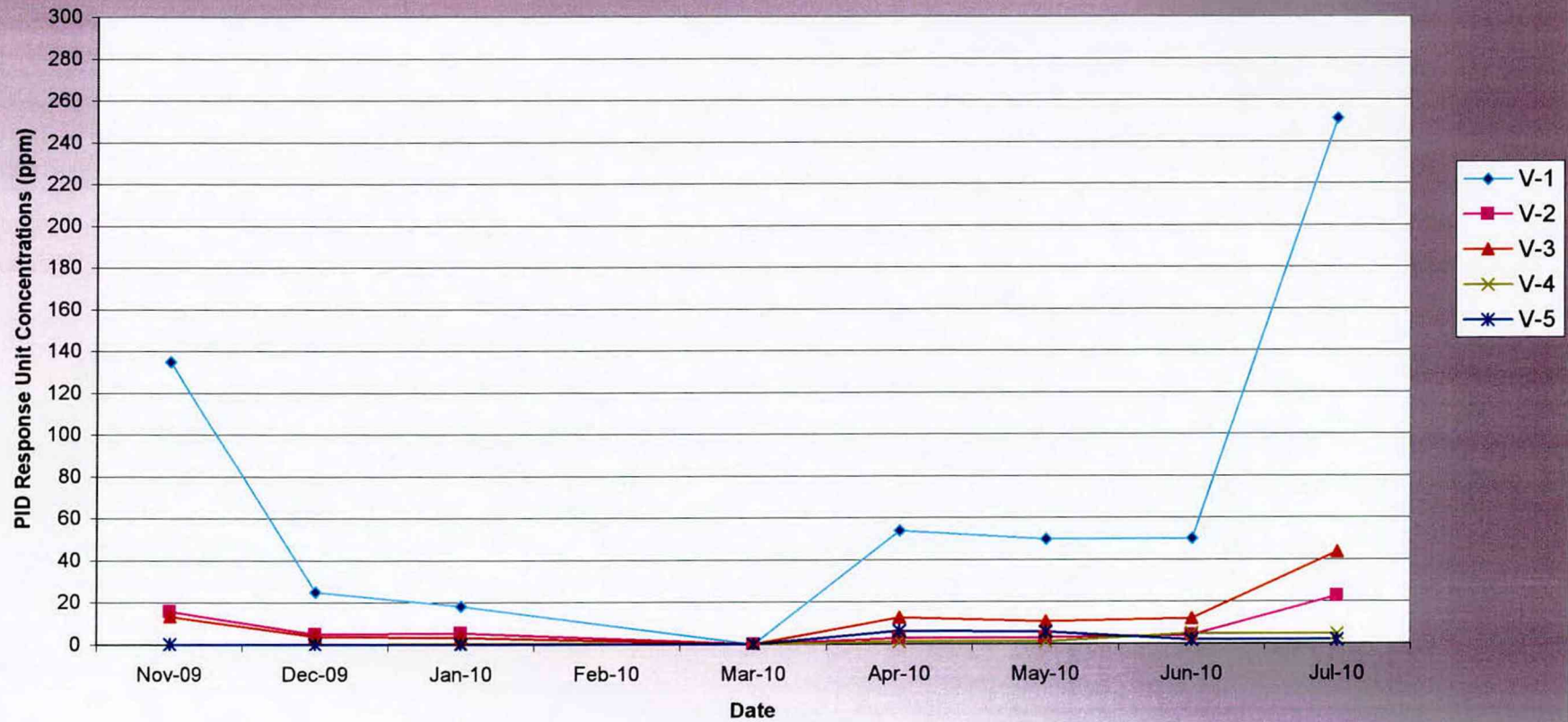
Schmukler's Cleaners, New Rochelle NY

PID Readings For Inf./Eff. Carbon Drum Sample Points ppm

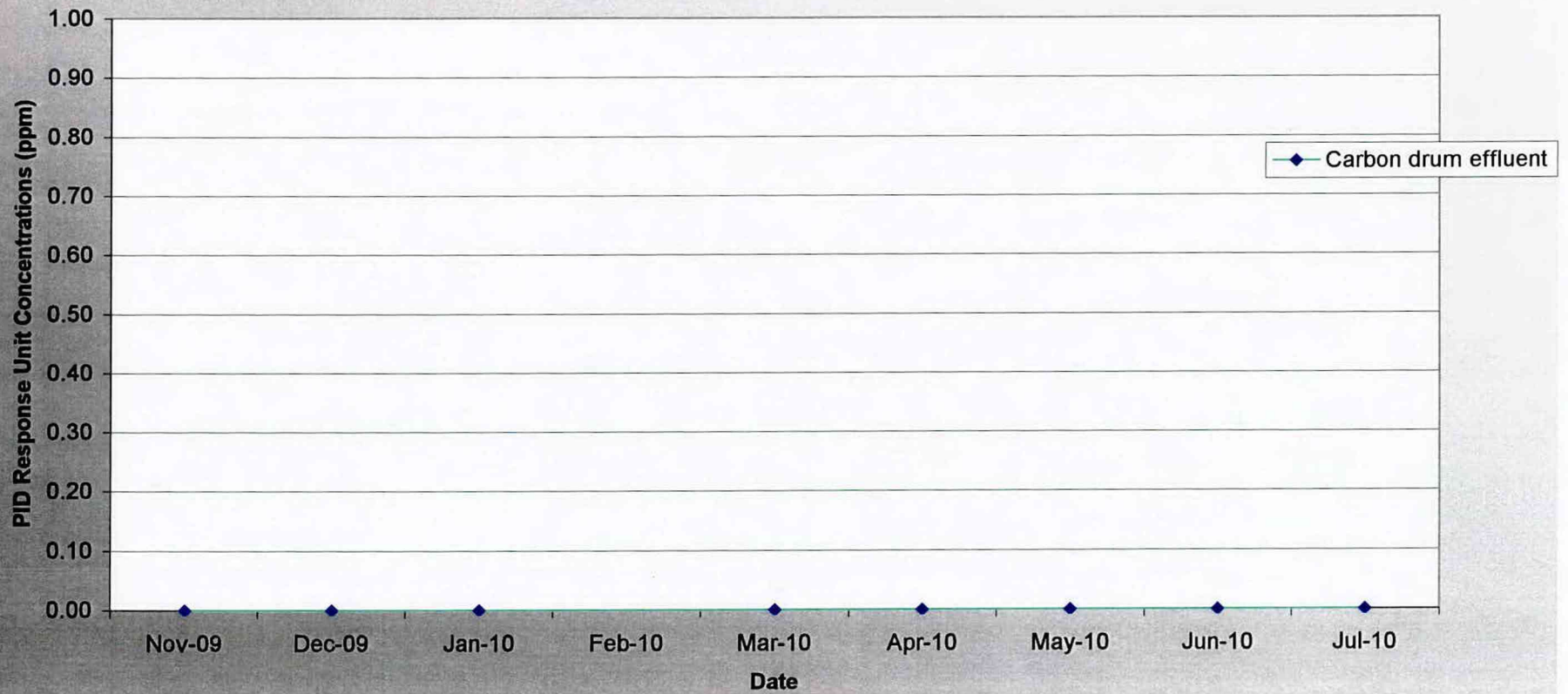
<u>Date</u>	<u>INF.</u>	<u>Middle</u>	<u>EFF.</u>	Before Drum Replaced		
				<u>INF.</u>	<u>Middle</u>	<u>EFF.</u>
6-Nov-09	4.50	0.00	0.00			
13-Nov-09	7.30	0.00	0.00			
20-Nov-09	3.50	0.00	0.00			
30-Nov-09	3.90	0.00	0.00			
22-Dec-09	5.30	0.00	0.00			
18-Jan-10	3.50	0.00	0.00			
5-Mar-10	5.10	2.30	0.00			
20-Apr-10	2.60	0.30	0.00			
12-May-10	21.70	1.20	0.00			
16-Jun-10	20.80	1.80	0.00			
6-Jul-10	20.40	4.70	0.00			

* when carbon drum replaced PID readings are taken before and after replacement

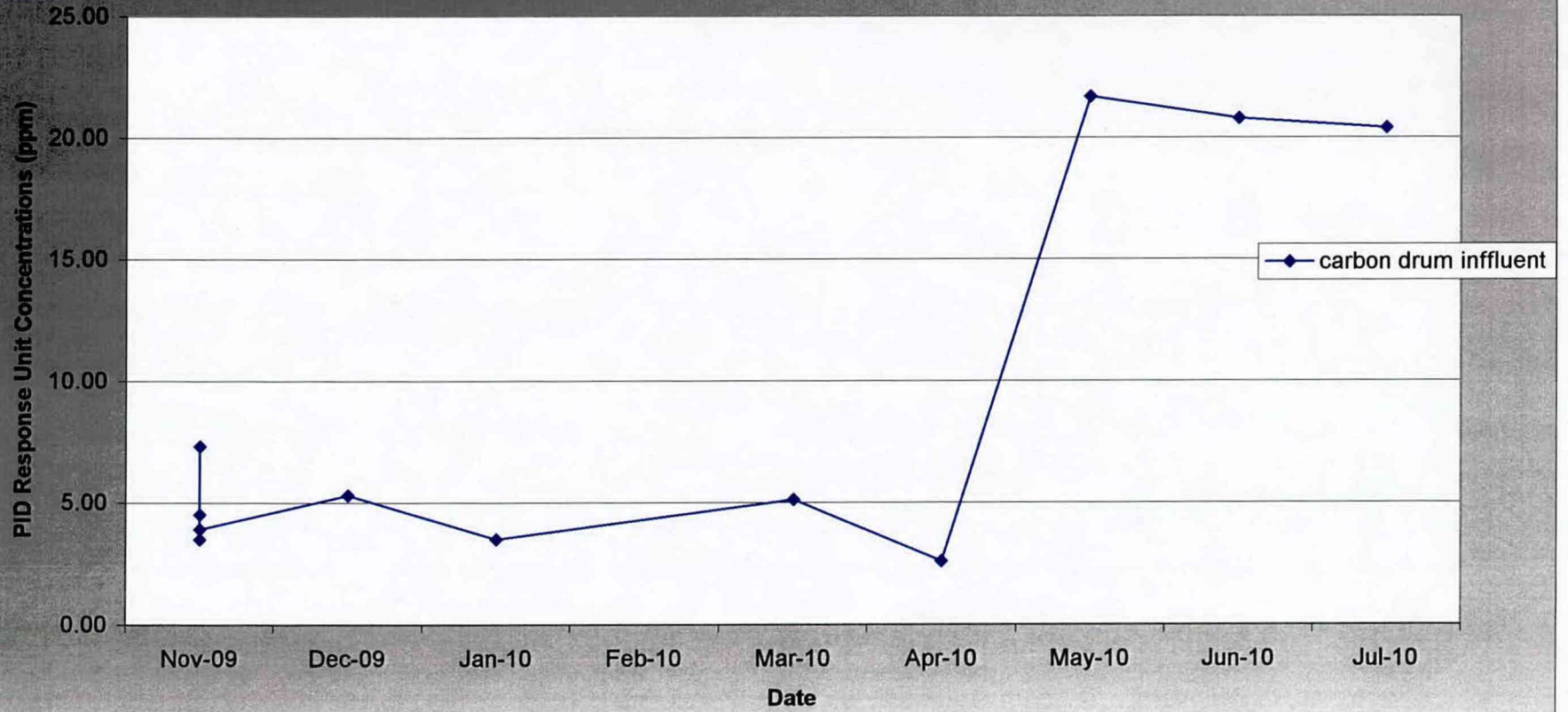
Schmukler's Cleaners
Vapor Extraction Wells



Schmukler's Cleaners
Carbon Drum Effluent



Schmuklers Cleaners
Carbon Drum Influent





NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Thursday, July 08, 2010

Walter Berninger
Berninger Environmental, Inc.
90 Knickerbocker Avenue, Unit B
Bohemia, NY 11716

TEL: (631) 589-6521

FAX (631) 589-6528

RE: Schmucklers Dry Cleaners, North Ave., Ne

Order No.: 1007031

Dear Walter Berninger:

American Analytical Laboratories, LLC. received 2 sample(s) on 7/6/2010 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The results reported herein relate only to the items tested or to the samples as received by the laboratory. This report may not be reproduced, except in full, without the approval of American Analytical Laboratories, LLC and is not considered complete without a cover page and chain of custody documentation. The limits (LOQ) provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report or the data is qualified. This package has been reviewed by American Analytical Laboratories' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal. This report consists of 16 pages.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer
Lab Director

American Analytical Laboratories, LLC.

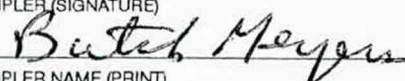
Date: 08-Jul-10

CLIENT: Berninger Environmental, Inc.
Project: Schmucklers Dry Cleaners, North Ave., New Ro
Lab Order: 1007031


Work Order Sample Summary


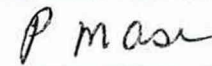
Lab Sample ID	Client Sample ID	Date Collected	Date Received
1007031-01A	VES Influent	7/6/2010 12:00:00 PM	7/6/2010
1007031-02A	VES Effluent	7/6/2010 12:30:00 PM	7/6/2010

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: BEI - 90 B Kniekerbocker Ave Botkema, NY	CONTACT:	SAMPLER (SIGNATURE): 	SAMPLE(S) SEALED: YES / NO
PROJECT LOCATION: SCHMUCKERS DRY CLN NORTH AVE, NEW RAVELLE		SAMPLER NAME (PRINT): BUTCH MEYERS	CORRECT CONTAINER(S): YES / NO

LABORATORY ID# LAB USE ONLY	MATRIX/ TYPE	NO. OF CONTAINERS	SAMPLING		SAMPLE # - LOCATION	ANALYSIS REQUIRED
			DATE	TIME		
1007031-01A	A	1	12:00	7/6/10	VES INFLUENT	X
02A	A	1	12:30	7/6/10	VES EFFLUENT	X

COMMENTS / INSTRUCTIONS: **P.O.# 1007217**  **Samples must be on ICE (<6°C)**

MATRIX S=SOIL; W=WATER; SL=SLUDGE; A=AIR; M=MISCELLANEOUS TYPE G=GRAB; C=COMPOSITE			TURNAROUND REQUIRED NORMAL <input checked="" type="checkbox"/> STAT <input type="checkbox"/> BY / /		E-MAIL ADDRESS FOR RESULTS:	
RELINQUISHED BY (SIGNATURE): 	DATE 7/6/10 TIME 2:05	PRINTED NAME BUTCH MEYERS	RECEIVED BY LAB (SIGNATURE): 	DATE 7/6/10 TIME 2:05 PM	PRINTED NAME P. Masi	
RELINQUISHED BY (SIGNATURE):	DATE TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE):	DATE TIME	PRINTED NAME	

American Analytical Laboratories, LLC.

Sample Receipt Checklist

Client Name BERNINGER

Date and Time Receive 7/6/2010 2:06:00 PM

Work Order Number 1007031

RcptNo: 1

Received by PM

COC_ID:

CoolerID:

Checklist completed by

CBAM
Signature

7/6/10
Date

Reviewed by

LA B
Initials

7/6/10
Date

Matrix:

Carrier name Courier

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container/Temp Blank temperature in compliance? Yes No
- Water - VOA vials have zero headspace? No VOA vials submitted Yes No
- Water - pH acceptable upon receipt? Yes No N/A

Adjusted?

Checked b

Any No and/or NA (not applicable) response must be detailed in the comments section below

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: Temperature requirements are not applicable.

Corrective Action _____

American Analytical Laboratories, LLC.

Date: 08-Jul-10

ELAP ID : 11418

CLIENT:	Berninger Environmental, Inc.	Client Sample ID:	VES Influent
Lab Order:	1007031	Collection Date:	7/6/2010 12:00:00 PM
Project:	Schmucklers Dry Cleaners, North Ave., New Ro	Matrix:	AIR
Lab ID:	1007031-01A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260 - AIR			SW8260B		Analyst: LA		
1,1,1,2-Tetrachloroethane	U	56	190		ppbv	1	7/7/2010 9:56:00 PM
1,1,1-Trichloroethane	U	75.6	250		ppbv	1	7/7/2010 9:56:00 PM
1,1,2,2-Tetrachloroethane	U	88.4	290		ppbv	1	7/7/2010 9:56:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	72.6	240		ppbv	1	7/7/2010 9:56:00 PM
1,1,2-Trichloroethane	U	88.4	290		ppbv	1	7/7/2010 9:56:00 PM
1,1-Dichloroethane	U	116	390		ppbv	1	7/7/2010 9:56:00 PM
1,1-Dichloroethene	U	120	400		ppbv	1	7/7/2010 9:56:00 PM
1,1-Dichloropropene	U	97.8	330		ppbv	1	7/7/2010 9:56:00 PM
1,2,3-Trichlorobenzene	U	40.8	140		ppbv	1	7/7/2010 9:56:00 PM
1,2,3-Trichloropropane	U	88.9	220		ppbv	1	7/7/2010 9:56:00 PM
1,2,4,5-Tetramethylbenzene	U	61.6	210		ppbv	1	7/7/2010 9:56:00 PM
1,2,4-Trichlorobenzene	U	40.8	140		ppbv	1	7/7/2010 9:56:00 PM
1,2,4-Trimethylbenzene	U	69.9	230		ppbv	1	7/7/2010 9:56:00 PM
1,2-Dibromo-3-chloropropane	U	62.3	160		ppbv	1	7/7/2010 9:56:00 PM
1,2-Dibromoethane	U	68.6	230		ppbv	1	7/7/2010 9:56:00 PM
1,2-Dichlorobenzene	U	50.2	170		ppbv	1	7/7/2010 9:56:00 PM
1,2-Dichloroethane	U	118	390		ppbv	1	7/7/2010 9:56:00 PM
1,2-Dichloropropane	U	116	390		ppbv	1	7/7/2010 9:56:00 PM
1,3,5-Trimethylbenzene	U	69.9	230		ppbv	1	7/7/2010 9:56:00 PM
1,3-Dichlorobenzene	U	50.2	170		ppbv	1	7/7/2010 9:56:00 PM
1,3-dichloropropane	U	96.5	320		ppbv	1	7/7/2010 9:56:00 PM
1,4-Dichlorobenzene	U	50.2	170		ppbv	1	7/7/2010 9:56:00 PM
1,4-Dioxane	U	111	280		ppbv	1	7/7/2010 9:56:00 PM
2,2-Dichloropropane	U	92.3	320		ppbv	1	7/7/2010 9:56:00 PM
2-Butanone	U	171	1700		ppbv	1	7/7/2010 9:56:00 PM
2-Chloroethyl vinyl ether	U	116	390		ppbv	1	7/7/2010 9:56:00 PM
2-Chlorotoluene	U	80.6	270		ppbv	1	7/7/2010 9:56:00 PM
2-Hexanone	U	127	840		ppbv	1	7/7/2010 9:56:00 PM
2-Propanol	U	272	540		ppbv	1	7/7/2010 9:56:00 PM
4-Chlorotoluene	U	80.6	270		ppbv	1	7/7/2010 9:56:00 PM
4-Isopropyltoluene	U	61.6	210		ppbv	1	7/7/2010 9:56:00 PM
4-Methyl-2-pentanone	U	126	840		ppbv	1	7/7/2010 9:56:00 PM
Acetone	U	171	1100		ppbv	1	7/7/2010 9:56:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735

Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com



Qualifiers:	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%LD exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 08-Jul-10

ELAP ID : 11418

CLIENT:	Beminger Environmental, Inc.	Client Sample ID:	VES Influent
Lab Order:	1007031	Collection Date:	7/6/2010 12:00:00 PM
Project:	Schmucklers Dry Cleaners, North Ave., New Ro	Matrix:	AIR
Lab ID:	1007031-01A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260 - AIR			SW8260B				Analyst: LA
Acrolein	U	175	440		ppbv	1	7/7/2010 9:56:00 PM
Acrylonitrile	U	138	460		ppbv	1	7/7/2010 9:56:00 PM
Benzene	U	94	310		ppbv	1	7/7/2010 9:56:00 PM
Bromobenzene	U	46.4	150		ppbv	1	7/7/2010 9:56:00 PM
Bromochloromethane	U	200	500		ppbv	1	7/7/2010 9:56:00 PM
Bromodichloromethane	U	88.4	290		ppbv	1	7/7/2010 9:56:00 PM
Bromoform	U	42.4	140		ppbv	1	7/7/2010 9:56:00 PM
Bromomethane	U	78	260		ppbv	1	7/7/2010 9:56:00 PM
Carbon disulfide	U	96.5	320		ppbv	1	7/7/2010 9:56:00 PM
Carbon tetrachloride	U	62.7	210		ppbv	1	7/7/2010 9:56:00 PM
Chlorobenzene	U	65.5	220		ppbv	1	7/7/2010 9:56:00 PM
Chlorodifluoromethane	U	144	480		ppbv	1	7/7/2010 9:56:00 PM
Chloroethane	U	153	380		ppbv	1	7/7/2010 9:56:00 PM
Chloroform	U	88.4	290		ppbv	1	7/7/2010 9:56:00 PM
Chloromethane	U	141	470		ppbv	1	7/7/2010 9:56:00 PM
cis-1,2-Dichloroethene	1100	120	400		ppbv	1	7/7/2010 9:56:00 PM
cis-1,3-Dichloropropene	U	97.8	330		ppbv	1	7/7/2010 9:56:00 PM
Dibromochloromethane	U	56.9	190		ppbv	1	7/7/2010 9:56:00 PM
Dibromomethane	U	78.9	260		ppbv	1	7/7/2010 9:56:00 PM
Dichlorodifluoromethane	U	86.3	290		ppbv	1	7/7/2010 9:56:00 PM
Diisopropyl ether	U	163	540		ppbv	1	7/7/2010 9:56:00 PM
Ethanol	U	163	540		ppbv	1	7/7/2010 9:56:00 PM
Ethyl acetate	U	120	400		ppbv	1	7/7/2010 9:56:00 PM
Ethylbenzene	U	80.6	270		ppbv	1	7/7/2010 9:56:00 PM
Freon-114	U	72.4	180		ppbv	1	7/7/2010 9:56:00 PM
Hexachlorobutadiene	U	32.6	110		ppbv	1	7/7/2010 9:56:00 PM
Isopropyl acetate	U	160	400		ppbv	1	7/7/2010 9:56:00 PM
Isopropylbenzene	U	69.8	230		ppbv	1	7/7/2010 9:56:00 PM
m,p-Xylene	U	138	460		ppbv	1	7/7/2010 9:56:00 PM
Methyl tert-butyl ether	U	101	330		ppbv	1	7/7/2010 9:56:00 PM
Methylene chloride	4000	150	500	B	ppbv	1	7/7/2010 9:56:00 PM
n-Amyl acetate	U	175	350		ppbv	1	7/7/2010 9:56:00 PM
Naphthalene	U	57.3	190		ppbv	1	7/7/2010 9:56:00 PM

American Analytical Laboratories, LLC, 56 Toledo Street, Farmingdale, NY, Zip - 11735
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Qualifiers:	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
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American Analytical Laboratories, LLC.

Date: 08-Jul-10

ELAP ID : 11418

CLIENT:	Berninger Environmental, Inc.	Client Sample ID:	VES Influent
Lab Order:	1007031	Collection Date:	7/6/2010 12:00:00 PM
Project:	Schmucklers Dry Cleaners, North Ave., New Ro	Matrix:	AIR
Lab ID:	1007031-01A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260 - AIR			SW8260B				Analyst: LA
n-Butyl acetate	U	131	870		ppbv	1	7/7/2010 9:56:00 PM
n-Butylbenzene	U	80.6	270		ppbv	1	7/7/2010 9:56:00 PM
n-Propyl acetate	U	160	400		ppbv	1	7/7/2010 9:56:00 PM
n-Propylbenzene	U	80.6	270		ppbv	1	7/7/2010 9:56:00 PM
o-Xylene	U	69.2	230		ppbv	1	7/7/2010 9:56:00 PM
p-Diethylbenzene	U	61.6	210		ppbv	1	7/7/2010 9:56:00 PM
p-Ethyltoluene	U	69.8	230		ppbv	1	7/7/2010 9:56:00 PM
sec-Butylbenzene	U	69.8	230		ppbv	1	7/7/2010 9:56:00 PM
Styrene	U	70.5	240		ppbv	1	7/7/2010 9:56:00 PM
t-Butyl alcohol	U	166	410		ppbv	1	7/7/2010 9:56:00 PM
tert-Butylbenzene	U	61.6	210		ppbv	1	7/7/2010 9:56:00 PM
Tetrachloroethene	33000	44.2	150		ppbv	1	7/7/2010 9:56:00 PM
Toluene	U	80.6	270		ppbv	1	7/7/2010 9:56:00 PM
trans-1,2-Dichloroethene	U	76.4	250		ppbv	1	7/7/2010 9:56:00 PM
trans-1,3-Dichloropropene	U	97.8	330		ppbv	1	7/7/2010 9:56:00 PM
Trichloroethene	260	56.4	190		ppbv	1	7/7/2010 9:56:00 PM
Trichlorofluoromethane	U	72.6	240		ppbv	1	7/7/2010 9:56:00 PM
Vinyl acetate	U	171	570		ppbv	1	7/7/2010 9:56:00 PM
Vinyl chloride	U	118	390		ppbv	1	7/7/2010 9:56:00 PM
Surr: 4-Bromofluorobenzene	99.0	0	60-130		%REC	1	7/7/2010 9:56:00 PM
Surr: Dibromofluoromethane	95.0	0	63-127		%REC	1	7/7/2010 9:56:00 PM
Surr: Toluene-d8	102	0	61-128		%REC	1	7/7/2010 9:56:00 PM

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- | | | | | |
|-------------|-----|---|-----|--|
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| | LOQ | Limit of Quantitation | P | >40% diff for detected conc between the two GC columns |
| | S | Spike Recovery outside accepted recovery limits | U | Indicates the compound was analyzed but not detected. |

American Analytical Laboratories, LLC.

Date: 08-Jul-10

ELAP ID : 11418

CLIENT: Berminger Environmental, Inc. Client Sample ID: VES Effluent
 Lab Order: 1007031 Collection Date: 7/6/2010 12:30:00 PM
 Project: Schmucklers Dry Cleaners, North Ave., New Ro Matrix: AIR
 Lab ID: 1007031-02A

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260 - AIR			SW8260B		Analyst: LA		
1,1,1,2-Tetrachloroethane	U	56	190		ppbv	1	7/7/2010 8:53:00 PM
1,1,1-Trichloroethane	U	75.6	250		ppbv	1	7/7/2010 8:53:00 PM
1,1,2,2-Tetrachloroethane	U	88.4	290		ppbv	1	7/7/2010 8:53:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	72.6	240		ppbv	1	7/7/2010 8:53:00 PM
1,1,2-Trichloroethane	U	88.4	290		ppbv	1	7/7/2010 8:53:00 PM
1,1-Dichloroethane	U	116	390		ppbv	1	7/7/2010 8:53:00 PM
1,1-Dichloroethene	U	120	400		ppbv	1	7/7/2010 8:53:00 PM
1,1-Dichloropropene	U	97.8	330		ppbv	1	7/7/2010 8:53:00 PM
1,2,3-Trichlorobenzene	U	40.8	140		ppbv	1	7/7/2010 8:53:00 PM
1,2,3-Trichloropropane	U	88.9	220		ppbv	1	7/7/2010 8:53:00 PM
1,2,4,5-Tetramethylbenzene	U	61.6	210		ppbv	1	7/7/2010 8:53:00 PM
1,2,4-Trichlorobenzene	U	40.8	140		ppbv	1	7/7/2010 8:53:00 PM
1,2,4-Trimethylbenzene	U	69.9	230		ppbv	1	7/7/2010 8:53:00 PM
1,2-Dibromo-3-chloropropane	U	62.3	160		ppbv	1	7/7/2010 8:53:00 PM
1,2-Dibromoethane	U	68.6	230		ppbv	1	7/7/2010 8:53:00 PM
1,2-Dichlorobenzene	U	50.2	170		ppbv	1	7/7/2010 8:53:00 PM
1,2-Dichloroethane	U	118	390		ppbv	1	7/7/2010 8:53:00 PM
1,2-Dichloropropane	U	116	390		ppbv	1	7/7/2010 8:53:00 PM
1,3,5-Trimethylbenzene	U	69.9	230		ppbv	1	7/7/2010 8:53:00 PM
1,3-Dichlorobenzene	U	50.2	170		ppbv	1	7/7/2010 8:53:00 PM
1,3-dichloropropane	U	96.5	320		ppbv	1	7/7/2010 8:53:00 PM
1,4-Dichlorobenzene	U	50.2	170		ppbv	1	7/7/2010 8:53:00 PM
1,4-Dioxane	U	111	280		ppbv	1	7/7/2010 8:53:00 PM
2,2-Dichloropropane	U	92.3	320		ppbv	1	7/7/2010 8:53:00 PM
2-Butanone	U	171	1700		ppbv	1	7/7/2010 8:53:00 PM
2-Chloroethyl vinyl ether	U	116	390		ppbv	1	7/7/2010 8:53:00 PM
2-Chlorotoluene	U	80.6	270		ppbv	1	7/7/2010 8:53:00 PM
2-Hexanone	U	127	840		ppbv	1	7/7/2010 8:53:00 PM
2-Propanol	U	272	540		ppbv	1	7/7/2010 8:53:00 PM
4-Chlorotoluene	U	80.6	270		ppbv	1	7/7/2010 8:53:00 PM
4-Isopropyltoluene	U	61.6	210		ppbv	1	7/7/2010 8:53:00 PM
4-Methyl-2-pentanone	U	126	840		ppbv	1	7/7/2010 8:53:00 PM
Acetone	U	171	1100		ppbv	1	7/7/2010 8:53:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
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Qualifiers: B Analyte detected in the associated Method Blank C Calibration %RSD/%D exceeded for non-CCC analytes
 E Value above quantitation range H Holding times for preparation or analysis exceeded
 J Analyte detected below quantitation limits LOD Limit of Detection
 LOQ Limit of Quantitation P >40% diff for detected conc between the two GC columns
 S Spike Recovery outside accepted recovery limits U Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 08-Jul-10

ELAP ID : 11418

CLIENT:	Berninger Environmental, Inc.	Client Sample ID:	VES Effluent
Lab Order:	1007031	Collection Date:	7/6/2010 12:30:00 PM
Project:	Schnucklers Dry Cleaners, North Ave., New Ro	Matrix:	AIR
Lab ID:	1007031-02A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260 - AIR			SW8260B				Analyst: LA
Acrolein	U	175	440		ppbv	1	7/7/2010 8:53:00 PM
Acrylonitrile	U	138	460		ppbv	1	7/7/2010 8:53:00 PM
Benzene	U	94	310		ppbv	1	7/7/2010 8:53:00 PM
Bromobenzene	U	46.4	150		ppbv	1	7/7/2010 8:53:00 PM
Bromochloromethane	U	200	500		ppbv	1	7/7/2010 8:53:00 PM
Bromodichloromethane	U	88.4	290		ppbv	1	7/7/2010 8:53:00 PM
Bromoform	U	42.4	140		ppbv	1	7/7/2010 8:53:00 PM
Bromomethane	U	78	260		ppbv	1	7/7/2010 8:53:00 PM
Carbon disulfide	U	96.5	320		ppbv	1	7/7/2010 8:53:00 PM
Carbon tetrachloride	U	62.7	210		ppbv	1	7/7/2010 8:53:00 PM
Chlorobenzene	U	65.5	220		ppbv	1	7/7/2010 8:53:00 PM
Chlorodifluoromethane	U	144	480		ppbv	1	7/7/2010 8:53:00 PM
Chloroethane	U	153	380		ppbv	1	7/7/2010 8:53:00 PM
Chloroform	U	88.4	290		ppbv	1	7/7/2010 8:53:00 PM
Chloromethane	U	141	470		ppbv	1	7/7/2010 8:53:00 PM
cis-1,2-Dichloroethene	U	120	400		ppbv	1	7/7/2010 8:53:00 PM
cis-1,3-Dichloropropene	U	97.8	330		ppbv	1	7/7/2010 8:53:00 PM
Dibromochloromethane	U	56.9	190		ppbv	1	7/7/2010 8:53:00 PM
Dibromomethane	U	78.9	260		ppbv	1	7/7/2010 8:53:00 PM
Dichlorodifluoromethane	U	86.3	290		ppbv	1	7/7/2010 8:53:00 PM
Diisopropyl ether	U	163	540		ppbv	1	7/7/2010 8:53:00 PM
Ethanol	U	163	540		ppbv	1	7/7/2010 8:53:00 PM
Ethyl acetate	U	120	400		ppbv	1	7/7/2010 8:53:00 PM
Ethylbenzene	U	80.6	270		ppbv	1	7/7/2010 8:53:00 PM
Freon-114	U	72.4	180		ppbv	1	7/7/2010 8:53:00 PM
Hexachlorobutadiene	U	32.6	110		ppbv	1	7/7/2010 8:53:00 PM
Isopropyl acetate	U	160	400		ppbv	1	7/7/2010 8:53:00 PM
Isopropylbenzene	U	69.8	230		ppbv	1	7/7/2010 8:53:00 PM
m,p-Xylene	U	138	460		ppbv	1	7/7/2010 8:53:00 PM
Methyl tert-butyl ether	U	101	330		ppbv	1	7/7/2010 8:53:00 PM
Methylene chloride	4500	150	500	B	ppbv	1	7/7/2010 8:53:00 PM
n-Amyl acetate	U	175	350		ppbv	1	7/7/2010 8:53:00 PM
Naphthalene	U	57.3	190		ppbv	1	7/7/2010 8:53:00 PM

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American Analytical Laboratories, LLC.

Date: 08-Jul-10

ELAP ID : 11418

CLIENT:	Berninger Environmental, Inc.	Client Sample ID:	VES Effluent
Lab Order:	1007031	Collection Date:	7/6/2010 12:30:00 PM
Project:	Schmucklers Dry Cleaners, North Ave., New Ro	Matrix:	AIR
Lab ID:	1007031-02A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260 - AIR			SW8260B		Analyst: LA		
n-Butyl acetate	U	131	870		ppbv	1	7/7/2010 8:53:00 PM
n-Butylbenzene	U	80.6	270		ppbv	1	7/7/2010 8:53:00 PM
n-Propyl acetate	U	160	400		ppbv	1	7/7/2010 8:53:00 PM
n-Propylbenzene	U	80.6	270		ppbv	1	7/7/2010 8:53:00 PM
o-Xylene	U	69.2	230		ppbv	1	7/7/2010 8:53:00 PM
p-Diethylbenzene	U	61.6	210		ppbv	1	7/7/2010 8:53:00 PM
p-Ethyltoluene	U	69.8	230		ppbv	1	7/7/2010 8:53:00 PM
sec-Butylbenzene	U	69.8	230		ppbv	1	7/7/2010 8:53:00 PM
Styrene	U	70.5	240		ppbv	1	7/7/2010 8:53:00 PM
t-Butyl alcohol	U	166	410		ppbv	1	7/7/2010 8:53:00 PM
tert-Butylbenzene	U	61.6	210		ppbv	1	7/7/2010 8:53:00 PM
Tetrachloroethene	U	44.2	150		ppbv	1	7/7/2010 8:53:00 PM
Toluene	U	80.6	270		ppbv	1	7/7/2010 8:53:00 PM
trans-1,2-Dichloroethene	U	76.4	250		ppbv	1	7/7/2010 8:53:00 PM
trans-1,3-Dichloropropene	U	97.8	330		ppbv	1	7/7/2010 8:53:00 PM
Trichloroethene	U	56.4	190		ppbv	1	7/7/2010 8:53:00 PM
Trichlorofluoromethane	U	72.6	240		ppbv	1	7/7/2010 8:53:00 PM
Vinyl acetate	U	171	570		ppbv	1	7/7/2010 8:53:00 PM
Vinyl chloride	U	118	390		ppbv	1	7/7/2010 8:53:00 PM
Surr: 4-Bromofluorobenzene	100	0	60-130		%REC	1	7/7/2010 8:53:00 PM
Surr: Dibromofluoromethane	97.1	0	63-127		%REC	1	7/7/2010 8:53:00 PM
Surr: Toluene-d8	97.2	0	61-128		%REC	1	7/7/2010 8:53:00 PM

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|-------------|-----|---|-----|--|
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| | S | Spike Recovery outside accepted recovery limits | U | Indicates the compound was analyzed but not detected. |

CLIENT: Berninger Environmental, Inc.
Work Order: 1007031
Project: Schmucklers Dry Cleaners, North Ave., New Ro

ANALYTICAL QC SUMMARY REPORT

TestCode: Full8260_AirBag

Sample ID: V624LCS-070710HW	SampType: LCS	TestCode: Full8260_Air	Units: ppbv	Prep Date:	RunNo: 52014						
Client ID: ZZZZZZ	Batch ID: R52014	TestNo: SW8260B		Analysis Date: 7/7/2010	SeqNo: 734742						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	U	190	50.00	0	0	0	0				
1,1,2-Trichloro-1,2,2-trifluoroethane	U	240	50.00	0	0	0	0				
1,1-Dichloroethene	18000	400	20040	0	88.9	30	154				
1,1-Dichloropropene	U	330	50.00	0	0	0	0				
1,2,3-Trichlorobenzene	U	140	50.00	0	0	0	0				
1,2,3-Trichloropropane	U	220	50.00	0	0	0	0				
1,2,4,5-Tetramethylbenzene	U	210	50.00	0	0	0	0				
1,2,4-Trichlorobenzene	U	140	50.00	0	0	0	0				
1,2,4-Trimethylbenzene	U	230	50.00	0	0	0	0				
1,2-Dibromo-3-chloropropane	U	160	50.00	0	0	0	0				
1,2-Dibromoethane	U	230	50.00	0	0	0	0				
1,3,5-Trimethylbenzene	U	230	50.00	0	0	0	0				
1,3-dichloropropane	U	320	50.00	0	0	0	0				
1,4-Dioxane	U	280	50.00	0	0	0	0				
2,2-Dichloropropane	U	320	50.00	0	0	0	0				
2-Butanone	U	1700	50.00	0	0	0	0				
2-Chlorotoluene	U	270	50.00	0	0	0	0				
2-Hexanone	U	840	50.00	0	0	0	0				
2-Propanol	U	540	50.00	0	0	0	0				
4-Chlorotoluene	U	270	50.00	0	0	0	0				
4-Isopropyltoluene	U	210	50.00	0	0	0	0				
4-Methyl-2-pentanone	U	840	50.00	0	0	0	0				
Acetone	U	1100	50.00	0	0	0	0				
Acrolein	U	440	50.00	0	0	0	0				
Acrylonitrile	U	460	50.00	0	0	0	0				
Benzene	13000	310	15670	0	85.6	45	144				
Bromobenzene	U	150	50.00	0	0	0	0				
Bromochloromethane	U	500	50.00	0	0	0	0				
Carbon disulfide	U	320	50.00	0	0	0	0				
Chlorobenzene	9900	220	10820	0	91.1	41	142				

Qualifiers: B Analyte detected in the associated Method Blank C Calibration %RSD/%D exceeded for non-CCC analytes E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits LOD Limit of Detection
LOQ Limit of Quantitation P >40% diff for detected conc between the two GC column R RPD outside accepted recovery limits

CLIENT: Berninger Environmental, Inc.
Work Order: 1007031
Project: Schmucklers Dry Cleaners, North Ave., New Ro

ANALYTICAL QC SUMMARY REPORT

TestCode: Full8260_AirBag

Sample ID: V624LCS-070710HW		SampType: LCS		TestCode: Full8260_Air		Units: ppbv		Prep Date:		RunNo: 52014	
Client ID: ZZZZZZ		Batch ID: R52014		TestNo: SW8260B		Analysis Date: 7/7/2010		SeqNo: 734742			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorodifluoromethane	U	480	50.00	0	0	0	0				
cis-1,2-Dichloroethene	U	400	50.00	0	0	0	0				
Dibromomethane	U	260	50.00	0	0	0	0				
Dichlorodifluoromethane	U	290	50.00	0	0	0	0				
Diisopropyl ether	U	540	50.00	0	0	0	0				
Ethanol	U	540	50.00	0	0	0	0				
Ethyl acetate	U	400	50.00	0	0	0	0				
Freon-114	U	180	50.00	0	0	0	0				
Hexachlorobutadiene	U	110	50.00	0	0	0	0				
Isopropyl acetate	U	400	50.00	0	0	0	0				
Isopropylbenzene	U	230	50.00	0	0	0	0				
m,p-Xylene	U	460	100.0	0	0	0	0				
Methyl tert-butyl ether	U	330	50.00	0	0	0	0				
n-Amyl acetate	U	350	50.00	0	0	0	0				
Naphthalene	U	190	50.00	0	0	0	0				
n-Butyl acetate	U	870	50.00	0	0	0	0				
n-Butylbenzene	U	270	50.00	0	0	0	0				
n-Propyl acetate	U	400	50.00	0	0	0	0				
n-Propylbenzene	U	270	50.00	0	0	0	0				
o-Xylene	U	230	50.00	0	0	0	0				
p-Diethylbenzene	U	210	50.00	0	0	0	0				
p-Ethyltoluene	U	230	50.00	0	0	0	0				
sec-Butylbenzene	U	230	50.00	0	0	0	0				
Styrene	U	240	50.00	0	0	0	0				
t-Butyl alcohol	U	410	50.00	0	0	0	0				
tert-Butylbenzene	U	210	50.00	0	0	0	0				
Toluene	13000	270	13430	0	93.3	43	134				
Trichloroethene	8500	190	9404	0	90.5	43	140				
Vinyl acetate	U	570	50.00	0	0	0	0				
Surr: 4-Bromofluorobenzene	13000		12870		98.0	60	130				
Surr: Dibromofluoromethane	11000		10820		104	63	127				

Qualifiers:	B Analyte detected in the associated Method Blank	C Calibration %RSD/%D exceeded for non-CCC analytes	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits	LOD Limit of Detection
	LOQ Limit of Quantitation	P >40% diff for detected conc between the two GC column	R RPD outside accepted recovery limits

CLIENT: Berninger Environmental, Inc.
 Work Order: 1007031
 Project: Schmucklers Dry Cleaners, North Ave., New Ro

ANALYTICAL QC SUMMARY REPORT

TestCode: Full8260_AirBag

Sample ID: V624LCS-070710HW	SampType: LCS	TestCode: Full8260_Air	Units: ppbv	Prep Date:	RunNo: 52014						
Client ID: ZZZZZZ	Batch ID: R52014	TestNo: SW8260B		Analysis Date: 7/7/2010	SeqNo: 734742						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	13000		12470		103	61	128				

Sample ID: VBLK-070710HW	SampType: MBLK	TestCode: Full8260_Air	Units: ppbv	Prep Date:	RunNo: 52014						
Client ID: ZZZZZZ	Batch ID: R52014	TestNo: SW8260B		Analysis Date: 7/7/2010	SeqNo: 734742						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1,2-Tetrachloroethane	U	190
1,1,1-Trichloroethane	U	250
1,1,2,2-Tetrachloroethane	U	290
1,1,2-Trichloro-1,2,2-trifluoroethane	U	240
1,1,2-Trichloroethane	U	290
1,1-Dichloroethane	U	390
1,1-Dichloroethene	U	400
1,1-Dichloropropene	U	330
1,2,3-Trichlorobenzene	U	140
1,2,3-Trichloropropane	U	220
1,2,4,5-Tetramethylbenzene	U	210
1,2,4-Trichlorobenzene	U	140
1,2,4-Trimethylbenzene	U	230
1,2-Dibromo-3-chloropropane	U	160
1,2-Dibromoethane	U	230
1,2-Dichlorobenzene	U	170
1,2-Dichloroethane	U	390
1,2-Dichloropropane	U	390
1,3,5-Trimethylbenzene	U	230
1,3-Dichlorobenzene	U	170
1,3-dichloropropane	U	320
1,4-Dichlorobenzene	U	170
1,4-Dioxane	U	280
2,2-Dichloropropane	U	320
2-Butanone	U	1700

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded LOQ Limit of Quantitation	C Calibration %RSD/%D exceeded for non-CCC analytes J Analyte detected below quantitation limits P >40% diff for detected conc between the two GC column	E Value above quantitation range LOD Limit of Detection R RPD outside accepted recovery limits
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CLIENT: Berninger Environmental, Inc.
 Work Order: 1007031
 Project: Schmucklers Dry Cleaners, North Ave., New Ro

ANALYTICAL QC SUMMARY REPORT

TestCode: Full8260_AirBag

Sample ID: VBLK-070710HW	SampType: MBLK	TestCode: Full8260_Air	Units: ppbv	Prep Date:	RunNo: 52014						
Client ID: ZZZZZZ	Batch ID: R52014	TestNo: SW8260B		Analysis Date: 7/7/2010	SeqNo: 734743						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Chloroethyl vinyl ether	U	390									
2-Chlorotoluene	U	270									
2-Hexanone	U	840									
2-Propanol	U	540									
4-Chlorotoluene	U	270									
4-Isopropyltoluene	U	210									
4-Methyl-2-pentanone	U	840									
Acetone	U	1100									
Acrolein	U	440									
Acrylonitrile	U	460									
Benzene	U	310									
Bromobenzene	U	150									
Bromochloromethane	U	500									
Bromodichloromethane	U	290									
Bromoform	U	140									
Bromomethane	U	260									
Carbon disulfide	U	320									
Carbon tetrachloride	U	210									
Chlorobenzene	U	220									
Chlorodifluoromethane	U	480									
Chloroethane	U	380									
Chloroform	U	290									
Chloromethane	U	470									
cis-1,2-Dichloroethene	U	400									
cis-1,3-Dichloropropene	U	330									
Dibromochloromethane	U	190									
Dibromomethane	U	260									
Dichlorodifluoromethane	U	290									
Diisopropyl ether	U	540									
Ethanol	U	540									
Ethyl acetate	U	400									

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 Project: Schmucklers Dry Cleaners, North Ave., New Ro

ANALYTICAL QC SUMMARY REPORT

TestCode: Full8260_AirBag

Sample ID: VBLK-070710HW	SampType: MBLK	TestCode: Full8260_Air	Units: ppbv	Prep Date:	RunNo: 52014						
Client ID: ZZZZZZ	Batch ID: R52014	TestNo: SW8260B		Analysis Date: 7/7/2010	SeqNo: 734743						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Ethylbenzene	U	270									
Freon-114	U	180									
Hexachlorobutadiene	U	110									
Isopropyl acetate	U	400									
Isopropylbenzene	U	230									
m,p-Xylene	U	460									
Methyl tert-butyl ether	U	330									
Methylene chloride	2400	500									
n-Amyl acetate	U	350									
Naphthalene	U	190									
n-Butyl acetate	U	870									
n-Butylbenzene	U	270									
n-Propyl acetate	U	400									
n-Propylbenzene	U	270									
o-Xylene	U	230									
p-Diethylbenzene	U	210									
p-Ethyltoluene	U	230									
sec-Butylbenzene	U	230									
Styrene	U	240									
t-Butyl alcohol	U	410									
tert-Butylbenzene	U	210									
Tetrachloroethene	U	150									
Toluene	U	270									
trans-1,2-Dichloroethene	U	250									
trans-1,3-Dichloropropene	U	330									
Trichloroethene	U	190									
Trichlorofluoromethane	U	240									
Vinyl acetate	U	570									
Vinyl chloride	U	390									
Surr: 4-Bromofluorobenzene	13000		12870		100	60	130				
Surr: Dibromofluoromethane	11000		10820		101	63	127				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded LOQ Limit of Quantitation	C Calibration %RSD/%D exceeded for non-CCC analytes J Analyte detected below quantitation limits P >40% diff for detected conc between the two GC column	E Value above quantitation range LOD Limit of Detection R RPD outside accepted recovery limits
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CLIENT: Berninger Environmental, Inc.
Work Order: 1007031
Project: Schmucklers Dry Cleaners, North Ave., New Ro

ANALYTICAL QC SUMMARY REPORT

TestCode: Full8260_AirBag

Sample ID: VBLK-070710HW	SampType: MBLK	TestCode: Full8260_Air	Units: ppbv	Prep Date:	RunNo: 52014						
Client ID: ZZZZZZ	Batch ID: R52014	TestNo: SW8260B		Analysis Date: 7/7/2010	SeqNo: 734743						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	13000		12470		105	61	128				

Qualifiers:
B Analyte detected in the associated Method Blank
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LOD Limit of Detection
LOQ Limit of Quantitation
P >40% diff for detected conc between the two GC column
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