

**JOHN V. SODERBERG, P.E.**

PO Box 263  
Stony Brook, NY 11790  
Phone 631-751-6458  
Fax 631-675-1185  
Cell 631 834-9537  
Email [jvsode@hotmail.com](mailto:jvsode@hotmail.com)

February 13, 2017

Natasha Court  
Westchester County Department of Health (WCDOH)  
Bureau of Environmental Quality  
145 Huguenot Street  
New Rochelle, NY 10801

Re: On Site Inspection for January 2017  
Schmukler's Cleaners  
358-364 North Ave. New Rochelle, New York  
Site No.: C360088 Index No.: A3-0542-0306

On January 31, 2017 personnel were at the above mentioned site for monthly monitoring and maintenance operations. Personnel returned to the site listed above to gauge influent and effluent PID readings on all carbon drum unit ports. PID readings were also taken at each vapor point location. Attached to this report are the following:

- \* Field Maintenance Logs
- \* Tables
- \* Lab Data
- \* Chain of Custody

During this on-site inspection personnel did obtain, via a tedlar sample bag, a one liter 30 second grab of the VES effluent emissions point post-carbon filtration. A temporary GP-501 vent fan was substituted in place of the original 3HP regenerative explosion proof motor in order to complete the monitoring and sampling event. The 3HP motor has since been repaired and is in proper working condition. Inspection of the system by WCDOH was re-scheduled in order to renew the air discharge permit for the following three (3) years.

While on site personnel recorded PID readings, air flow concentrations and obtained a stack emission sample via test method TO-15.

\*The next quarterly monitoring and sampling event is scheduled for April 2017.

\* Carbon Drum change-out was performed on October 23, 2015 and during November 2016.

\* Quarterly reporting to WCCDOH (Natasha) and NYSDEC (Kiera Thompson) May 10, 2017 next reporting.

Sincerely,  
  
**John V. Soderberg P.E**

cc: Hal Shapiro  
Kiera Thompson (NYSDEC)  
Walter Berninger (BEI)  
Justin Halpin (BEI)

John V. Soderberg P.E  
SVE/SSDS System Monitor and Maintenance

**Site Name:** Schmukler Cleaner **Site#** C360088 **Index#** A3-0542-0306  
**Address:** New Rochelle , NY Quarterly testing

**Remediation System Present?**  
 Type of System?  
 SVE/SSDS  
 Sampling Date: 01-31-17

**PID Readings, MiniRae 2000, in ppm**  
 Primary Drum: Secondary Drum:  
 Influent Carbon: 2.7 Carbon Middle: 0.0  
**Final Effluent Carbon: 0.0**  
 Pressure Readings  
 Pressure : 0.5 psi  
 Pre motor vac : 0.5 "/h2O

Sampling Instructions: TO-15

Site Data

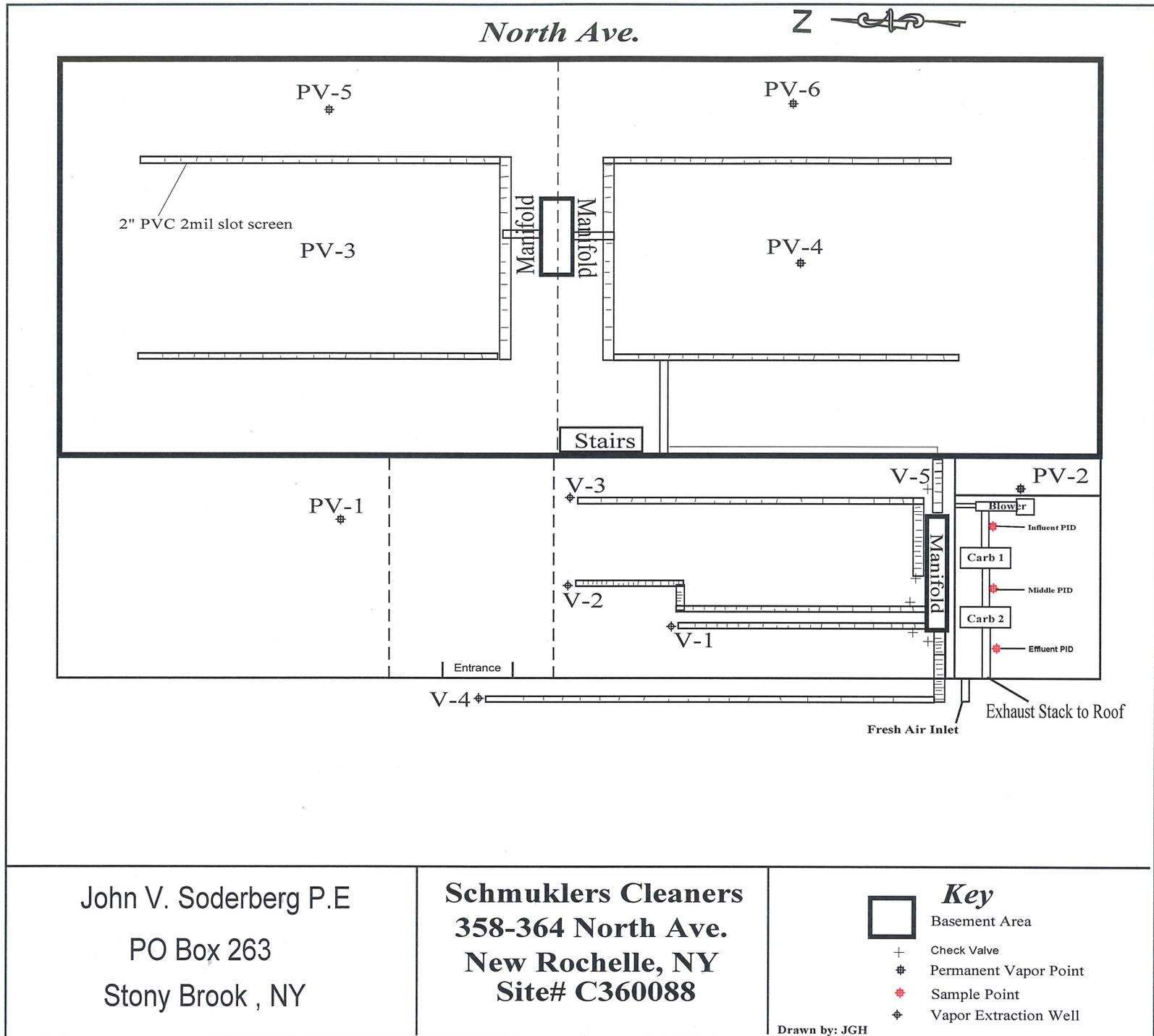
Wells	Air FLOW Feet/min	PID ppm
V-1	na	0
V-2	na	0.1
V-3	na	0.1
V-4	na	1
V-5 (downstairs pipe)	na	0.1
PV-1		0
PV-2		na
PV-3		0.3
PV-4		0.2
PV-5		0.1
PV-6		0.1

\* na=not available

**Site Inspection:**

Was Carbon Drum Replaced ? Y\_\_N\_x\_ Was Water Knockout Drum Emptied? Y\_\_N\_x\_  
 Was System Shutdown Warning Light On\_\_ Off \_X\_ How Much Water Was Drained? \_\_0\_gal\_  
If Off Why?  
 SVE blower under repair during monitoring event. Indicate Any Sampling Procedures: TO-15  
 A temporary GP-501 vent fan was substituted in order to perform monitoring/sampling.  
Any Visible Signs Of Leaks? no  
Sampled by: Joel Meyers

<b>Schmukler's Cleaners, New Rochelle NY</b>						
<b>PID Readings For Inf./Eff. Carbon Drum Sample Points ppm</b>						
				Before Drum Replaced		
<b>Date</b>	<b>INF.</b>	<b>Middle</b>	<b>EFF.</b>	<b>INF.</b>	<b>Middle</b>	<b>EFF.</b>
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			
13-Aug-10	32.50	2.00	0.00			
17-Sep-10	89.00	0.70	0.00			
11-Oct-10	156.00	0.80	0.00			
3-Nov-10	98.60	1.75	0.00			
3-Dec-10	145.10	2.30	0.00			
3-Jan-11	87.42	2.60	0.00			
4-Feb-11	38.70	4.20	0.00			
1-Mar-11	92.60	7.30	0.00			
4-Apr-11	165.00	3.30	0.00	166.00	3.30	0.10
9-May-11	18.04	0.00	0.00			
24-Jun-11	12.10	2.90	0.00			
21-Jul-11	34.00	0.70	0.00			
2-Aug-11	40.70	0.70	0.00			
13-Sep-11	18.10	1.40	0.00			
3-Oct-11	16.90	0.00	0.00			
11-Nov-11	42.34	0.00	0.00	50.00	5.60	0.20
5-Dec-11	37.40	2.30	0.00			
18-Jan-12	38.50	1.90	0.00			
9-Feb-12	40.23	0.50	0.00			
22-Mar-12	46.80	0.90	0.00			
30-Apr-12	54.60	1.30	0.00			
22-May-12	51.30	1.70	0.00			
13-Jul-12	59.93	4.20	0.20			
8-Aug-12	61.5	1.2	0.2			
6-Sep-12	74.3	4.5	1.1			
3-Oct-12	60.00	1.00	0.00	33.2	18.6	3.3
13-Nov-12	51.20	6.30	0.00			
6-Dec-12	45.60	5.30	0.00			
10-Jan-13	77.90	4.60	0.00			
6-Feb-13	28.70	2.60	0.00	32.20	5.60	2.40
11-Mar-13	30.00	1.10	0.00			
13-Apr-13	0.00	0.00	0.00			
1-May-13	0.00	0.00	0.00			
28-Jun-13	18.90	2.30	0.90			
17-Jul-13	49.20	2.10	0.00			
8-Aug-13	44.90	1.50	0.00			
28-Oct-13	46.80	2.00	0.00			
13-Jan-14	111.00	1.25	0.00	116.00	2.10	1.90
10-Apr-14	39.00	1.50	0.00			
10-Jul-14	32.30	1.50	0.00			
1-Oct-14	2.90	1.00	0.00	2.90	1.40	0.90
30-Jan-15	3.20	0.40	0.00			
1-Apr-15	40.20	2.50	0.00			
15-Jul-15	37.60	1.50	0.00	*carbon change October 2015		
12-Oct-15	35.50	5.10	0.30	35.00	0.00	0.00
26-Jan-16	37.20	2.20	0.00			
18-Apr-16	32.23	2.00	0.00			
27-Jul-16	12.90	1.00	0.00			
21-Oct-16	18.40	6.20	0.00	*carbon change November 2016		
31-Jan-17	2.70	0.00	0.00			





American Analytical Laboratories, LLC.  
56 Toledo Street  
Farmingdale, New York 11735  
TEL: (631) 454-6100 FAX: (631) 454-8027  
Website: [www.American-Analytical.com](http://www.American-Analytical.com)

February 07, 2017

Walter Berninger  
WRS d.b.a Berninger Environmental  
17 Old Dock Road  
Yaphank, NY 11980  
TEL: (631) 589-6521  
FAX (631) 589-6528

RE: Schmucklers Dry Cleaners; 358-364 North

Order No.: 1701200

Dear Walter Berninger:

American Analytical Laboratories, LLC. received 12 sample(s) on 1/31/2017 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 either on the sample results or in the QC section of the report. This package has been reviewed by American Analytical Laboratories' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal.

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](mailto:lbeyer@american-analytical.com).

Sincerely,

Lori Beyer  
Lab Director  
American Analytical Laboratories, LLC.



American Analytical Laboratories, LLC.  
56 Toledo Street  
Farmingdale, New York 11735  
TEL: (631) 454-6100 FAX: (631) 454-8027  
Website: www.American-Analytical.com

## Workorder Sample Summary

WO#: 1701200  
07-Feb-17

**CLIENT:** WRS d.b.a Berninger Environmental  
**Project:** Schmucklers Dry Cleaners; 358-364 North Ave,

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
1701200-001A	MW-1		1/31/2017 10:20:00 AM	1/31/2017 1:15:00 PM	Liquid
1701200-002A	MW-3		1/31/2017 10:50:00 AM	1/31/2017 1:15:00 PM	Liquid
1701200-003A	MW-6		1/31/2017 10:45:00 AM	1/31/2017 1:15:00 PM	Liquid
1701200-004A	MW-7		1/31/2017 11:00:00 AM	1/31/2017 1:15:00 PM	Liquid
1701200-005A	MW-8		1/31/2017 11:10:00 AM	1/31/2017 1:15:00 PM	Liquid
1701200-006A	MW-9		1/31/2017 11:20:00 AM	1/31/2017 1:15:00 PM	Liquid
1701200-007A	MW-10		1/31/2017 11:30:00 AM	1/31/2017 1:15:00 PM	Liquid
1701200-008A	MW-11		1/31/2017 11:40:00 AM	1/31/2017 1:15:00 PM	Liquid
1701200-008B	MW-11		1/31/2017 11:40:00 AM	1/31/2017 1:15:00 PM	Liquid
1701200-009A	MW-12		1/31/2017 11:50:00 AM	1/31/2017 1:15:00 PM	Liquid
1701200-009B	MW-12		1/31/2017 11:50:00 AM	1/31/2017 1:15:00 PM	Liquid
1701200-010A	BW-1		1/31/2017 12:00:00 PM	1/31/2017 1:15:00 PM	Liquid
1701200-011A	BW-2		1/31/2017 12:15:00 PM	1/31/2017 1:15:00 PM	Liquid
1701200-012A	VES Stack Emission		1/31/2017 12:30:00 PM	1/31/2017 1:15:00 PM	Air



# CHAIN OF CUSTODY

56 Toledo Street, Farmingdale NY 11735  
 (T) 631-454-6100 (F) 631-454-8027  
 www.american-analytical.com

CERTIFICATIONS  
 NY ELAP - 11418 PA DEP - 68-00573  
 NJ DEP - NY050 CT DOH - PH-0205

**Client Information**

Company Name: BERNINGER ENVIRO INC  
 Address: 17 OLD DOCK RD  
 City: YAPHANK, N.Y State: NY Zip: 11980

Project Name: SCHMICKLERS DRY CLD  
 Street: 358-364 NORTH AVE  
 City: NEW ROCHELLE, NY State: NY Zip: 10880

Project Contact: 8160

Project #

Sampler's Name / Company: BUTCH MEYERS

Sampler's Signature: Butch Meyers

**Project Information**

Analytical Information

LAB SAMPLE # (LAB USE ONLY)	Sample Information			Sample Collection			Sample Containers							Comments / Remarks				
	Client Sample ID	Sample Type	Matrix Code	Date	Time	Glass / Plastic	Total # of bottles	NONE	IOH	NOH	HNO <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	NaOH		OTHER			
1701200-001	MW-1	G	L	1/31/17	10:20	G	2		X									
002	3				10:50		2		X									
003	6				10:45		2		X									
004	7				11:00		2		X									
005	8				11:10		2		X									
006	9				11:20		2		X									
007	10				11:30		2		X									
008	11				11:40		3		X									
009	12				11:50		3		X									
010	BW-1				12:00		2		X									
011	BW-2				12:15		2		X									
012	VES STACK EMISSION	G	AIR		12:30	TEMLAR	X											

**Turnaround Time (Business Days)**

Standard

7-10 Business Days

3 Day RUSH

5 Day RUSH

2 Day RUSH

4 Day RUSH

1 Day RUSH

**SAMPLE TYPE**

G = Grab

C = Composite

B = Blank

**MATRIX CODES**

L = Liquid

S = Soil

O = Oil

W = Wipe

PC = Paint Chip

SL = Sludge

SD = Solid

M = Miscellaneous

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

RELINQUISHED BY (SIGNATURE): Butch Meyers DATE: 1/31/17 TIME: 1:15

RECEIVED BY LAB (SIGNATURE): P. Masl DATE: 1/31/17 TIME: 1:15

RELINQUISHED BY (SIGNATURE): Butch Meyers DATE: 1/31/17 TIME: 1:15

RECEIVED BY LAB (SIGNATURE): P. Masl DATE: 1/31/17 TIME: 1:15

P.O. # 18745

Cooler Temp: 1.94c



American Analytical Laboratories, LLC.  
 56 Toledo Street  
 Farmingdale, New York 11735  
 TEL: (631) 454-6100 FAX: (631) 454-8027  
 Website: www.American-Analytical.com

# Sample Log-In Check List

Client Name: **Berninger**

Work Order Number: **1701200**

RcptNo: **1**

Logged by: <b>Lori Beyer</b>	<b>1/31/2017 1:15:00 PM</b>	<i>Lori Beyer</i>
Completed By: <b>Lori Beyer</b>	<b>1/31/2017 2:46:25 PM</b>	<i>Lori Beyer</i>
Reviewed By: <b>Karen Kelly</b>	<b>1/31/2017</b>	<i>Karen Kelly</i>

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present   
 2. How was the sample delivered? Client

**Log In**

3. Coolers are present? Yes  No  NA   
 4. Shipping container/cooler in good condition? Yes  No   
 Custody seals intact on shipping container/cooler? Yes  No  Not Present   
 No. Seal Date: Signed By:  
 5. Was an attempt made to cool the samples? Yes  No  NA   
 6. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA   
 7. Sample(s) in proper container(s)? Yes  No   
 8. Sufficient sample volume for indicated test(s)? Yes  No   
 9. Are samples (except VOA and ONG) properly preserved? Yes  No   
 10. Was preservative added to bottles? Yes  No  NA   
 11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes  No  No VOA Vials   
 12. Were any sample containers received broken? Yes  No   
 13. Does paperwork match bottle labels? Yes  No   
 (Note discrepancies on chain of custody)  
 14. Are matrices correctly identified on Chain of Custody? Yes  No   
 15. Is it clear what analyses were requested? Yes  No   
 16. Were all holding times able to be met? Yes  No   
 (If no, notify customer for authorization.)

**Special Handling (if applicable)**

17. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

18. Additional remarks:

**Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
-----------	---------	-----------	-------------	---------	-----------	-----------



American Analytical Laboratories, LLC.  
56 Toledo Street  
Farmingdale, New York 11735  
TEL: (631) 454-6100 FAX: (631) 454-8027  
Website: www.American-Analytical.com

## Case Narrative

WO#: 1701200  
Date: 2/7/2017

---

**CLIENT:** WRS d.b.a Berninger Environmental  
**Project:** Schmucklers Dry Cleaners; 358-364 North Ave,

---

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846 and additional methods as detailed throughout the text of the report. All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives with exceptions notated in this Narrative discussion and/or in the QC Summary Section of the lab report with appropriate qualifiers. Additional quality control information such as surrogate recovery values for organic testing is provided as part of the analytical results. Batch MS/MSD results are provided in the QC section of the lab report unless the MS/MSD summary forms indicate one of your sample identifications. MS/MSD results relate only to the parent sample that was spiked.

Volatile LCS are analyzed with preservatives - HCL/NaHSO<sub>4</sub>/Methanol depending on level of analysis (high/low) similar to sample analysis. Outliers can be attributed to the presence of chemical preservatives. 2-Chloroethyl vinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

The following parameters (if included in this report) are not offered by NY ELAP: VOA 8260 Soil; 1,2,4,5-Tetramethylbenzene, Chlorodifluoromethane, Diisopropyl ether, Ethanol, Freon-114, p-Diethylbenzene, p-Ethyltoluene, Isopropyl Acetate, n-Amyl Acetate, n-Butyl Acetate, n-Propyl Acetate. VOA 8260 Liquid; 1,2,4,5-Tetramethylbenzene, Chlorodifluoromethane, Freon-114, p-Diethylbenzene, p-Ethyltoluene, Isopropyl Acetate, n-Amyl acetate, n-Butyl Acetate, n-Propyl Acetate. Pesticides 8081 Soil; DBCP. Herbicides 8151 Soil; 3,5-Dichlorobenzoic Acid, 4-Nitrophenol, Acifluorfen, Bentazon, Chloramben, DCPA, Picloram .Lachat 10-107-6-1B Ammonia in Soil, SM 2540G Total Volatile Solids, Soil TKN, Soil Organic Nitrogen, Percent Moisture, pH in non-potable water and temperature at which pH is measured, SM 4500-SO<sub>3</sub> B Sulfite in Liquid, Total Sulfur in Soil, Acid Soluble Chloride by ASTM C1152, Water Soluble Chloride by ASTM C1218, Chlorine Demand by SM 2350 B, Total Residual Chlorine in Liquid and Reactivity to Sulfide and Reactivity to Cyanide.

The test results meet the requirements of the NYSDOH and NELAC standards, except where noted. The information contained in this analytical report is the sole property of American Analytical Laboratories, LLC. or the client for which this report was issued. The results contained in this report are only representative of the samples received. The sample receipt checklist is included as part of this lab report. Conditions can vary at different times and at different sampling conditions. American Analytical is not responsible for the use or interpretation of the data included herein.



American Analytical Laboratories, LLC.  
56 Toledo Street  
Farmingdale, New York 11735  
TEL: (631) 454-6100 FAX: (631) 454-8027  
Website: www.American-Analytical.com

## Definition Only

WO#: 1701200  
Date: 2/7/2017

---

### Definitions:

Sample Result and QC Summary Qualifiers - Level I and Level II Reports

ND - Not detected at the reporting limit/Limit of Quantitation

B - The analyte was detected in the associated method blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <5x the blank value as artifact.

E - The value is above the quantitation range

D - Analyte concentration was obtained from diluted analysis or from analysis using reduced sample volume.

J - The analyte was detected below the limit of quantitation but greater than the established Limit of Detection (LOD). There is greater uncertainty associated with these results and data should be considered as estimated.

U - The compound was analyzed for but not detected.

H - Holding time for preparation or analysis has been exceeded.

S - Spike recovery is outside accepted recovery limits.

R - RPD is outside accepted recovery range.

P - Secondary column exceeds 40% difference for GC test.

\* - Calibration exceeds method requirement. Due to the large number of analytes for organic testing, the method allows 10% of analytes to have %RSD and/or %D to be >20%.

LOD - Limit of Detection; the lowest level the analyte can be determined to be statistically different from a blank.

LOQ - Limit of Quantitation; the lowest amount of analyte in a sample that can be quantitatively determined with suitable precision and accuracy.

m - Analyte was manually integrated for GC/MS.

+ - Concentration exceeds regulatory level for TCLP

# American Analytical Laboratories, LLC.

Date: 07-Feb-17

ELAP ID : 11418

<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	VES Stack Emission
<b>Lab Order:</b>	1701200	<b>Collection Date:</b>	1/31/2017 12:30:00 PM
<b>Project:</b>	Schmucklers Dry Cleaners; 358-364 North Ave,	<b>Matrix:</b>	AIR
<b>Lab ID:</b>	1701200-012A		

## Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOLATILE SW-846 METHOD 8260 - AIR</b>			<b>SW8260C</b>	<b>SW5030C</b>	Analyst: LA		
1,1,1,2-Tetrachloroethane	ND	15	29	U	ppbv	1	2/1/2017 11:52:00 PM
1,1,1-Trichloroethane	ND	18	37	U	ppbv	1	2/1/2017 11:52:00 PM
1,1,2,2-Tetrachloroethane	ND	15	29	U	ppbv	1	2/1/2017 11:52:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	13	26	U	ppbv	1	2/1/2017 11:52:00 PM
1,1,2-Trichloroethane	ND	18	36	U	ppbv	1	2/1/2017 11:52:00 PM
1,1-Dichloroethane	ND	25	49	U	ppbv	1	2/1/2017 11:52:00 PM
1,1-Dichloroethene	ND	25	50	U	ppbv	1	2/1/2017 11:52:00 PM
1,1-Dichloropropene	ND	22	44	U	ppbv	1	2/1/2017 11:52:00 PM
1,2,3-Trichlorobenzene	ND	14	27	U	ppbv	1	2/1/2017 11:52:00 PM
1,2,3-Trichloropropane	ND	17	33	U	ppbv	1	2/1/2017 11:52:00 PM
1,2,4,5-Tetramethylbenzene	ND	18	36	U	ppbv	1	2/1/2017 11:52:00 PM
1,2,4-Trichlorobenzene	ND	14	27	U	ppbv	1	2/1/2017 11:52:00 PM
1,2,4-Trimethylbenzene	ND	20	41	U	ppbv	1	2/1/2017 11:52:00 PM
1,2-Dibromo-3-chloropropane	ND	10	21	U	ppbv	1	2/1/2017 11:52:00 PM
1,2-Dibromoethane	ND	13	26	U	ppbv	1	2/1/2017 11:52:00 PM
1,2-Dichlorobenzene	ND	17	33	U	ppbv	1	2/1/2017 11:52:00 PM
1,2-Dichloroethane	ND	25	49	U	ppbv	1	2/1/2017 11:52:00 PM
1,2-Dichloropropane	ND	21	43	U	ppbv	1	2/1/2017 11:52:00 PM
1,3,5-Trimethylbenzene	ND	20	41	U	ppbv	1	2/1/2017 11:52:00 PM
1,3-Dichlorobenzene	ND	17	33	U	ppbv	1	2/1/2017 11:52:00 PM
1,3-dichloropropane	ND	21	43	U	ppbv	1	2/1/2017 11:52:00 PM
1,4-Dichlorobenzene	ND	17	33	U	ppbv	1	2/1/2017 11:52:00 PM
1,4-Dioxane	ND	28	55	U	ppbv	1	2/1/2017 11:52:00 PM
2,2-Dichloropropane	ND	20	40	U	ppbv	1	2/1/2017 11:52:00 PM
2-Butanone	ND	68	140	U	ppbv	1	2/1/2017 11:52:00 PM
2-Chloroethyl vinyl ether	ND	46	92	U	ppbv	1	2/1/2017 11:52:00 PM
2-Chlorotoluene	ND	19	39	U	ppbv	1	2/1/2017 11:52:00 PM
2-Hexanone	ND	49	98	U	ppbv	1	2/1/2017 11:52:00 PM
2-Propanol	ND	40	81	U	ppbv	1	2/1/2017 11:52:00 PM
4-Chlorotoluene	ND	19	39	U	ppbv	1	2/1/2017 11:52:00 PM
4-Isopropyltoluene	ND	18	36	U	ppbv	1	2/1/2017 11:52:00 PM
4-Methyl-2-pentanone	ND	49	98	U	ppbv	1	2/1/2017 11:52:00 PM
Acetone	1700	84	170	B	ppbv	1	2/1/2017 11:52:00 PM

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

Tel - (631) 454-6100 Fax - (631) 454-8027 www.american-analytical.com



# American Analytical Laboratories, LLC.

Date: 07-Feb-17

ELAP ID : 11418

<b>CLIENT:</b> WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b> VES Stack Emission
<b>Lab Order:</b> 1701200	<b>Collection Date:</b> 1/31/2017 12:30:00 PM
<b>Project:</b> Schmucklers Dry Cleaners; 358-364 North Ave,	<b>Matrix:</b> AIR
<b>Lab ID:</b> 1701200-012A	

## Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOLATILE SW-846 METHOD 8260 - AIR</b>			<b>SW8260C</b>		<b>SW5030C</b>		Analyst: LA
Acrolein	ND	130	260	U	ppbv	1	2/1/2017 11:52:00 PM
Acrylonitrile	ND	46	92	U	ppbv	1	2/1/2017 11:52:00 PM
Benzene	ND	31	63	U	ppbv	1	2/1/2017 11:52:00 PM
Bromobenzene	ND	15	31	U	ppbv	1	2/1/2017 11:52:00 PM
Bromochloromethane	ND	19	38	U	ppbv	1	2/1/2017 11:52:00 PM
Bromodichloromethane	ND	15	30	U	ppbv	1	2/1/2017 11:52:00 PM
Bromoform	ND	10	19	U	ppbv	1	2/1/2017 11:52:00 PM
Bromomethane	ND	25	51	U	ppbv	1	2/1/2017 11:52:00 PM
Carbon disulfide	ND	32	34	U	ppbv	1	2/1/2017 11:52:00 PM
Carbon tetrachloride	ND	16	32	U	ppbv	1	2/1/2017 11:52:00 PM
Chlorobenzene	ND	22	44	U	ppbv	1	2/1/2017 11:52:00 PM
Chlorodifluoromethane	ND	28	57	U	ppbv	1	2/1/2017 11:52:00 PM
Chloroethane	ND	38	76	U	ppbv	1	2/1/2017 11:52:00 PM
Chloroform	ND	20	41	U	ppbv	1	2/1/2017 11:52:00 PM
Chloromethane	ND	48	96	U	ppbv	1	2/1/2017 11:52:00 PM
cis-1,2-Dichloroethene	1500	25	50		ppbv	1	2/1/2017 11:52:00 PM
cis-1,3-Dichloropropene	ND	25	50	U	ppbv	1	2/1/2017 11:52:00 PM
Dibromochloromethane	ND	12	24	U	ppbv	1	2/1/2017 11:52:00 PM
Dibromomethane	ND	14	28	U	ppbv	1	2/1/2017 11:52:00 PM
Dichlorodifluoromethane	ND	20	40	U	ppbv	1	2/1/2017 11:52:00 PM
Diisopropyl ether	ND	24	48	U	ppbv	1	2/1/2017 11:52:00 PM
Ethanol	ND	150	300	U	ppbv	1	2/1/2017 11:52:00 PM
Ethyl acetate	ND	28	55	U	ppbv	1	2/1/2017 11:52:00 PM
Ethylbenzene	ND	23	46	U	ppbv	1	2/1/2017 11:52:00 PM
Freon-114	ND	14	29	U	ppbv	1	2/1/2017 11:52:00 PM
Hexachlorobutadiene	ND	10	19	U	ppbv	1	2/1/2017 11:52:00 PM
Isopropyl acetate	ND	14	48	U	ppbv	1	2/1/2017 11:52:00 PM
Isopropylbenzene	ND	20	41	U	ppbv	1	2/1/2017 11:52:00 PM
m,p-Xylene	ND	46	92	U	ppbv	1	2/1/2017 11:52:00 PM
Methyl tert-butyl ether	ND	28	55	U	ppbv	1	2/1/2017 11:52:00 PM
Methylene chloride	2500	29	58	B	ppbv	1	2/1/2017 11:52:00 PM
n-Amyl acetate	ND	19	38	U	ppbv	1	2/1/2017 11:52:00 PM
n-Butyl acetate	ND	21	42	U	ppbv	1	2/1/2017 11:52:00 PM

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

Tel - (631) 454-6100 Fax - (631) 454-8027 www.american-analytical.com



# American Analytical Laboratories, LLC.

Date: 07-Feb-17

ELAP ID : 11418

<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	VES Stack Emission
<b>Lab Order:</b>	1701200	<b>Collection Date:</b>	1/31/2017 12:30:00 PM
<b>Project:</b>	Schmucklers Dry Cleaners; 358-364 North Ave,	<b>Matrix:</b>	AIR
<b>Lab ID:</b>	1701200-012A		

## Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOLATILE SW-846 METHOD 8260 - AIR</b>			<b>SW8260C</b>		<b>SW5030C</b>		Analyst: LA
n-Butylbenzene	32	18	36	J	ppbv	1	2/1/2017 11:52:00 PM
n-Propyl acetate	ND	24	48	U	ppbv	1	2/1/2017 11:52:00 PM
n-Propylbenzene	ND	20	41	U	ppbv	1	2/1/2017 11:52:00 PM
Naphthalene	ND	19	38	U	ppbv	1	2/1/2017 11:52:00 PM
o-Xylene	ND	23	46	U	ppbv	1	2/1/2017 11:52:00 PM
p-Diethylbenzene	23	18	36	J	ppbv	1	2/1/2017 11:52:00 PM
p-Ethyltoluene	ND	20	41	U	ppbv	1	2/1/2017 11:52:00 PM
sec-Butylbenzene	ND	18	36	U	ppbv	1	2/1/2017 11:52:00 PM
Styrene	ND	23	47	U	ppbv	1	2/1/2017 11:52:00 PM
t-Butyl alcohol	ND	33	66	U	ppbv	1	2/1/2017 11:52:00 PM
tert-Butylbenzene	ND	18	36	U	ppbv	1	2/1/2017 11:52:00 PM
Tetrachloroethene	75	14	29		ppbv	1	2/1/2017 11:52:00 PM
Toluene	ND	26	53	U	ppbv	1	2/1/2017 11:52:00 PM
trans-1,2-Dichloroethene	ND	25	50	U	ppbv	1	2/1/2017 11:52:00 PM
trans-1,3-Dichloropropene	ND	22	44	U	ppbv	1	2/1/2017 11:52:00 PM
Trichloroethene	ND	18	37	U	ppbv	1	2/1/2017 11:52:00 PM
Trichlorofluoromethane	ND	18	36	U	ppbv	1	2/1/2017 11:52:00 PM
Vinyl acetate	ND	28	57	U	ppbv	1	2/1/2017 11:52:00 PM
Vinyl chloride	ND	39	78	U	ppbv	1	2/1/2017 11:52:00 PM
Xylenes, Total	ND	69	140	U	ppbv	1	2/1/2017 11:52:00 PM
Surr: 4-Bromofluorobenzene	98.0	0	62-132		%Rec	1	2/1/2017 11:52:00 PM
Surr: Dibromofluoromethane	94.7	0	72-131		%Rec	1	2/1/2017 11:52:00 PM
Surr: Toluene-d8	98.2	0	58-131		%Rec	1	2/1/2017 11:52:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, New York, Zip - 11735  
 Tel - (631) 454-6100 Fax - (631) 454-8027 www.american-analytical.com

