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February 15, 2018

Mrs. Kiera Thompson  
Division of Environmental Remediation  
NYS Department of Environmental Conservation  
625 Broadway, 11th Floor  
Albany, NY 12233-7014

Re: **Exposed Surface Soil Results and Proposed Remedy Cover**  
Schmukler's Dry Cleaners, Brownfield Cleanup Agreement  
Site No. C360088  
City of New Rochelle, Westchester County

Dear Mrs. Thompson:

### **Introduction**

The following document is a summary of the exposed surface soil sampling results with a proposed remedy to cover/cap (concrete cap engineering control) the exposed surface areas. Based upon the lab results for the exposed surface areas throughout the rear yard that indicated multiple exceedances above the Part-375 restricted-residential (RR) use soil cleanup objectives (SCOs) within the top two feet (24") of surface soils, the exposed surface areas are proposed to be covered/capped with a concrete cap engineering control (EC). A brief summary of the sampling results and the proposed remedy cover/cap is discussed below.

### **Sampling Procedure and Results**

On September 26, 2017 BEI mobilized to the subject site in order to collect surface soil samples at all exposed areas within the site boundary. The site location and site boundary are depicted on Figure-1 and Figure-2. Site surface soil sampling procedures adhered to the NYSDEC Division of Environmental Remediation (DER) Soil Screening Guidance- August 2017. Samples were collected and submitted for Part-375 parameters based upon Table-1 within the DER August 2017 guidance.

A total of five (5) surface grabs were collected for volatile organic compound (VOC) analysis from two (2) depths: 2-6" and 12-24". A five (5) point composite sample from each selected location was analyzed for semi-volatile compounds (SVOCs), PCBs, Pesticides/Herbicides and Metals at the following depths: 0-2", 2-12" and 12-24". Sampling locations are depicted on Figure-3.

Soil sampling was conducted with a Geoprobe manual slide hammer used to extract discrete soil

samples from the ground surface, down to two (24") feet below the surface; in order to determine compliance with the requirements for surface soils meeting Part-375-RR SCOs. All samples were submitted to a New York State ELAP certified laboratory under strict chain of custody.

Analytical results revealed that multiple contaminants were detected above the Part-375 RR SCOs. Please refer to Tables-1-4 for tabulated lab results compared to RR SCOs. The analytical data package is included as Attachment-A. Based upon the multiple exceedances above the RR SCOs, the following section discusses the proposal to add an EC (concrete cap/cover) in order to comply with the PART-375 requirements for a site cover/cap.

### **Community Air Monitoring Plan (CAMP)**

Chlorinated and petroleum related volatile organic compounds (VOCs) are the constituents of concern at the Site. Real-time VOC and air particulate (dust) monitoring was conducted during the ground intrusive activities since work areas were located within 20 feet of potentially exposed populations or occupied structures.

The continuous monitoring locations for VOCs and particulates were established to reflect the nearest potentially exposed individuals and the locations of ventilation system intakes at nearby structures. In order to rule out any potential exposures to nearby receptors, the immediate work area was isolated and monitoring points were established outside of the work area where the potential for exposure exists.

Please see Attachment-B for a log of the real-time data collected which includes PID and particulate data collected.

### **Proposed Remedy (Cover/Cap EC)**

The proposed remedy of the rear yard exposed surface soils includes the following phases and tasks:

- Task 1: grade all raised garden bed soil into existing exposed surface areas in order to level out the entire contaminated area
- Task 2: apply DOT approved sub-base aggregate in order to provide a 4-6" sub-base for the concrete cap
- Task 3: apply concrete cap/cover EC over all exposed areas at least 4" in thickness

The anticipated area to be covered with the EC cap/cover is approximately 1,200 ft<sup>2</sup> and will combine with the areas of the site already covered/capped. Please refer to the attached Figure-4, which depicts the site cap/cover locations.

**Site Management Plan (SMP)**

All ECs and Institutional Controls (ICs) will be maintained under the SMP established for the site. The SMP will provide for maintenance of the ECs and ICs associated with the site and provide an inspection schedule in order to comply with Environmental Easement (EE) for the site.

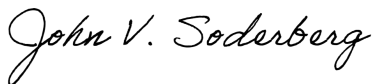
**Project Schedule**

The remedial work (proposed site cap/cover EC) project is anticipated to take place during the spring of 2018.

**Conclusion**

All work completed will be documented in the SMP for the site as the new concrete cap/cover at the site will be part of the overall site cover EC. The site cover EC will be monitored under the established SMP for the site and annually inspected as part of the periodic review process.

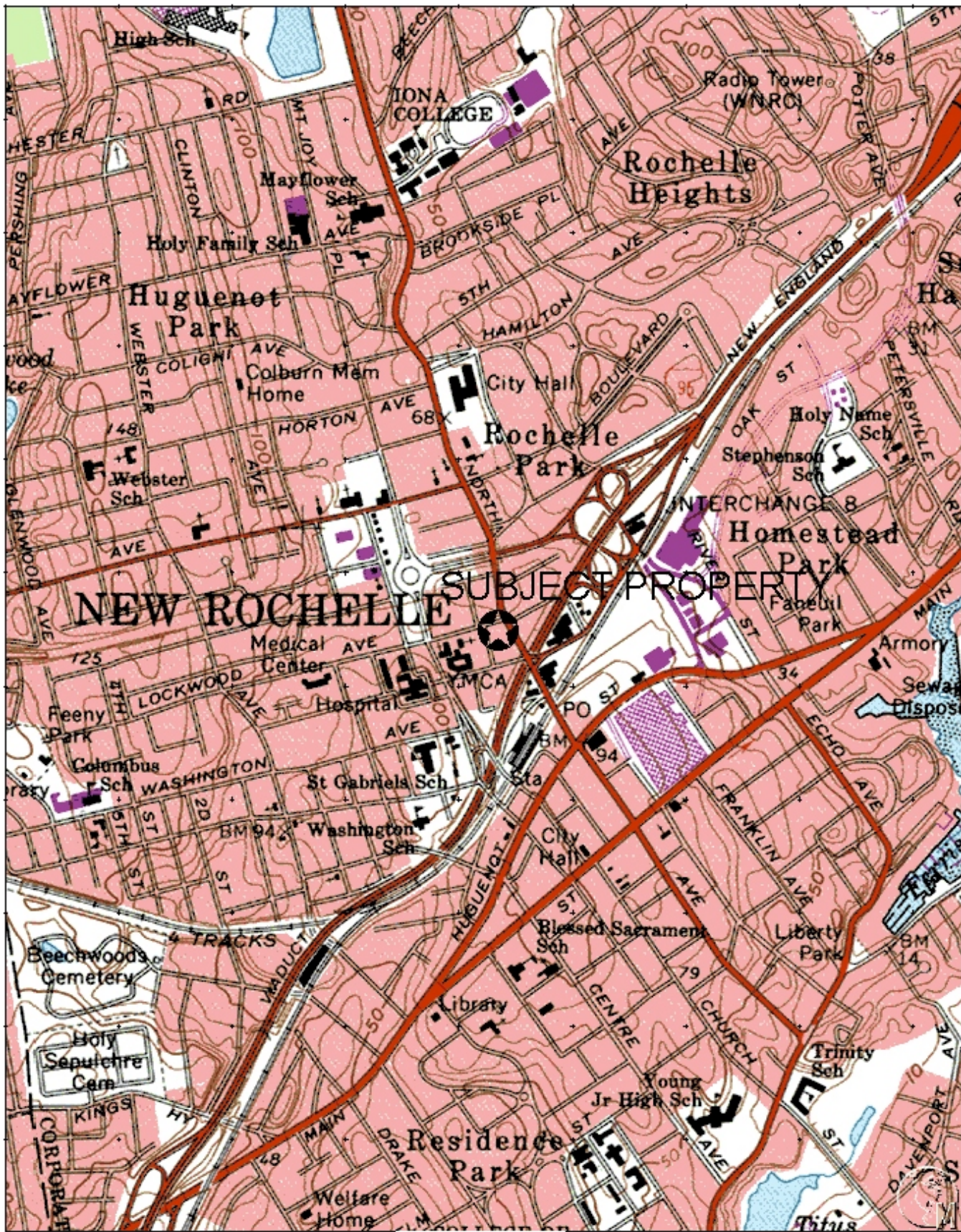
Sincerely,



**John V. Soderberg P.E**

cc Hal Shapiro  
Walter Berninger  
Justin Halpin

## FIGURES



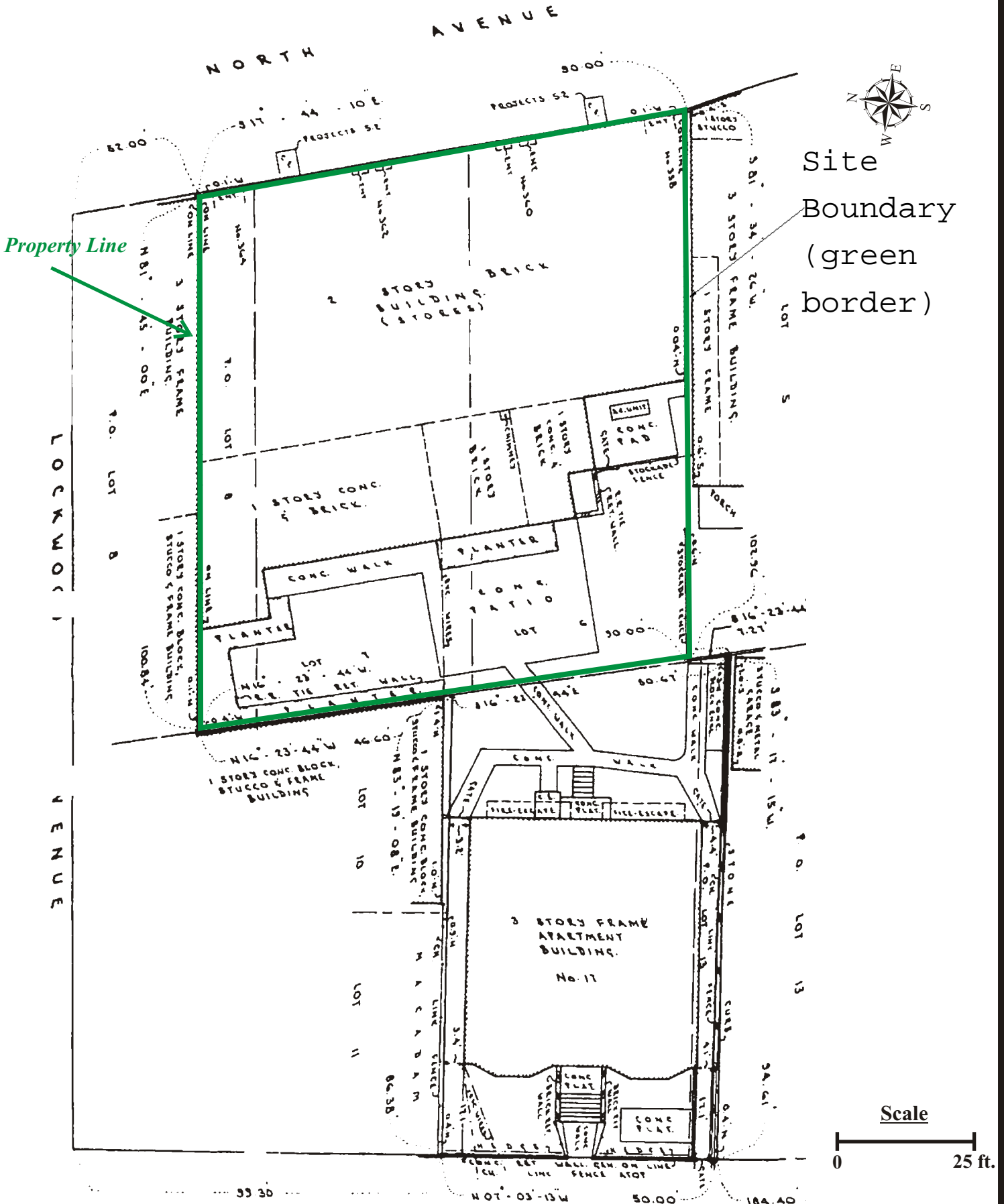
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Remedial Investigation Report November 2007

**Figure 1- Site Location**

**Schmuklers Cleaners  
358 - 364 North Avenue  
New Rochelle, NY  
Site #C360088  
Index# A3-0542-0306**

**John V. Soderberg P.E.  
PO BOX 263  
Stony Brook, NY**



Remedial Investigation Report November 2007

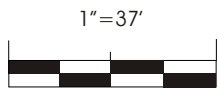
Figure 2 - Site Survey  
Site Boundary

Schmuklers Cleaners  
358 - 364 North Avenue  
New Rochelle, NY  
Site #C360088  
Index# A3-0542-0306

John V. Soderberg P.E.  
PO BOX 263  
Stony Brook, NY



● - Surface soil (0-24" ) sample locations










**Site Cover  
Exposed Sampling Area  
Locations  
Figure-3**

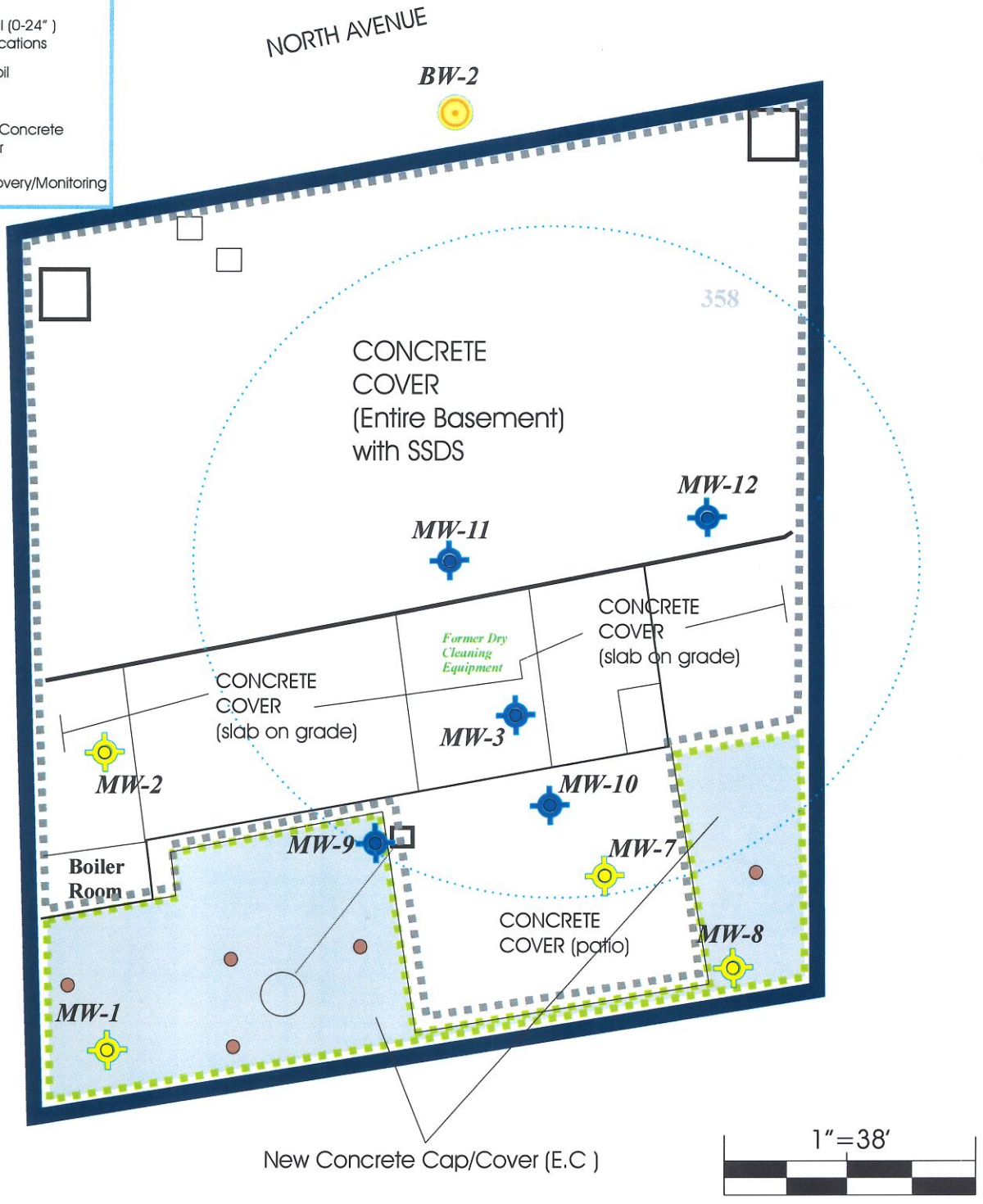
Drawn: JGH

**Schmuklers Cleaners  
358 - 364 North Avenue  
New Rochelle, NY  
Site #C360088  
Index# A3-0542-0306**

John V. Soderberg P.E.  
P.O. Box 263  
Stony Brook, NY

**KEY:**

-  -Application Well
-  -Monitoring Well
-  -Proposed Treatment Area
-  - Surface soil (0-24" ) sample locations
-  - Exposed Soil area
-  - proposed Concrete cap/cover
-  -LNAPL Recovery/Monitoring



**Proposed Remedy**

**Figure-4**

Drawn: JGH

Schumklers Cleaners  
 358 - 364 North Avenue  
 New Rochelle, NY  
 Site #C360088  
 Index# A3-0542-0306

John V. Soderberg P.E.  
 P.O. Box 263  
 Stony Brook, NY



## TABLES

Table-1

American Analytical Laboratories, LLC.  
 WorkOrder: 1709132  
 Client: WRS d.b.a Berninger Environmental  
 Project: Schmucklers, 358 North Avenue, New Rochelle

VOC CasNo	Client SampleID: Laboratory ID: Sampling Date:		CS-1 @ 2-6" 1709132-001 9/26/2017	CS-1 @ 12-24" 1709132-002 9/26/2017	CS-2 @ 2-6" 1709132-003 9/26/2017	CS-2 @ 12-24" 1709132-004 9/26/2017	CS-3 @ 2-6" 1709132-005 9/26/2017	CS-3 @ 12-24" 1709132-006 9/26/2017	CS-4 @ 2-6" 1709132-007 9/26/2017	CS-4 @ 12-24" 1709132-008 9/26/2017	CS-5 @ 2-6" 1709132-009 9/26/2017	CS-5 @ 12-24" 1709132-010 9/26/2017	Part 375 Restricted- Residential Limits
	Analyte	Units	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
71-55-6	1,1,1-Trichloroethane	PPB	0.9 U	1.3 U	1.3 U	1.1 U	0.98 U	0.96 U	1.2 U	1 U	1.2 U	1.2 U	100,000
75-34-3	1,1-Dichloroethane	PPB	0.9 U	1.3 U	1.3 U	1.1 U	0.98 U	0.96 U	1.2 U	1 U	1.2 U	1.2 U	26,000
75-35-4	1,1-Dichloroethene	PPB	0.9 U	1.3 U	1.3 U	1.1 U	0.98 U	0.96 U	1.2 U	1 U	1.2 U	1.2 U	100,000
95-63-6	1,2,4-Trimethylbenzene	PPB	0.9 U	1.3 U	1.3 U	1.1 U	0.98 U	0.96 U	1.2 U	1 U	1.2 U	1.2 U	52,000
95-50-1	1,2-Dichlorobenzene	PPB	0.9 U	1.3 U	1.3 U	1.1 U	0.98 U	0.96 U	1.2 U	1 U	1.2 U	1.2 U	100,000
107-06-2	1,2-Dichloroethane	PPB	0.9 U	1.3 U	1.3 U	1.1 U	0.98 U	0.96 U	1.2 U	1 U	1.2 U	1.2 U	3,100
108-67-8	1,3,5-Trimethylbenzene	PPB	0.9 U	1.3 U	1.3 U	1.1 U	0.98 U	0.96 U	1.2 U	1 U	1.2 U	1.2 U	52,000
541-73-1	1,3-Dichlorobenzene	PPB	0.9 U	1.3 U	1.3 U	1.1 U	0.98 U	0.96 U	1.2 U	1 U	1.2 U	1.2 U	49,000
106-46-7	1,4-Dichlorobenzene	PPB	0.9 U	1.3 U	1.3 U	1.1 U	0.98 U	0.96 U	1.2 U	1 U	1.2 U	1.2 U	13,000
123-91-1	1,4-Dioxane	PPB	0.9 U	1.3 U	1.3 U	1.1 U	0.98 U	0.96 U	1.2 U	1 U	1.2 U	1.2 U	13,000
78-93-3	2-Butanone	PPB	4.5 U	6.3 U	6.4 U	5.6 U	4.9 U	4.8 U	6.2 U	5 U	6.1 U	6.2 U	100,000
67-64-1	Acetone	PPB	4.5 U	6.3 U	6.4 U	5.6 U	4.9 U	4.8 U	6.2 U	5 U	6.1 U	6.2 U	100,000
71-43-2	Benzene	PPB	0.9 U	1.3 U	1.3 U	1.1 U	0.98 U	0.96 U	1.2 U	1 U	1.2 U	1.2 U	4,800
56-23-5	Carbon tetrachloride	PPB	0.9 U	1.3 U	1.3 U	1.1 U	0.98 U	0.96 U	1.2 U	1 U	1.2 U	1.2 U	2,400
108-90-7	Chlorobenzene	PPB	0.9 U	1.3 U	1.3 U	1.1 U	0.98 U	0.96 U	1.2 U	1 U	1.2 U	1.2 U	100,000
67-66-3	Chloroform	PPB	0.9 U	1.3 U	1.3 U	1.1 U	0.98 U	0.96 U	1.2 U	1 U	1.2 U	1.2 U	49,000
156-59-2	cis-1,2-Dichloroethene	PPB	0.9 U	1.3 U	1.3 U	1.1 U	0.98 U	0.96 U	1.2 U	1 U	1.2 U	1.2 U	100,000
100-41-4	Ethylbenzene	PPB	0.9 U	1.3 U	1.3 U	1.1 U	0.98 U	0.96 U	1.2 U	1 U	1.2 U	1.2 U	41,000
179601-23-1	m,p-Xylene	PPB	1.8 U	2.5 U	2.6 U	2.2 U	2 U	1.9 U	2.5 U	2 U	2.5 U	2.5 U	100,000
1634-04-4	Methyl tert-butyl ether	PPB	0.9 U	1.3 U	1.3 U	1.1 U	0.98 U	0.96 U	1.2 U	1 U	1.2 U	1.2 U	100,000
75-09-2	Methylene chloride	PPB	4.9 B	3 B	1.3 U	1.1 U	0.98 U	0.96 U	1.2 U	1 U	1.2 U	1.2 U	100,000
104-51-8	n-Butylbenzene	PPB	0.9 U	1.3 U	1.3 U	1.1 U	0.98 U	0.96 U	1.2 U	1 U	1.2 U	1.2 U	100,000
103-65-1	n-Propylbenzene	PPB	0.9 U	1.3 U	1.3 U	1.1 U	0.98 U	0.96 U	1.2 U	1 U	1.2 U	1.2 U	100,000
95-47-6	o-Xylene	PPB	0.9 U	1.3 U	1.3 U	1.1 U	0.98 U	0.96 U	1.2 U	1 U	1.2 U	1.2 U	100,000
135-98-8	sec-Butylbenzene	PPB	0.9 U	1.3 U	1.3 U	1.1 U	0.98 U	0.96 U	1.2 U	1 U	1.2 U	1.2 U	100,000
98-06-6	tert-Butylbenzene	PPB	0.9 U	1.3 U	1.3 U	1.1 U	0.98 U	0.96 U	1.2 U	1 U	1.2 U	1.2 U	100,000
127-18-4	Tetrachloroethene	PPB	1 J	2.9 J	1.3 J	1.8 J	1.4 J	1.9 J	4.1 J	7	1.2 U	3.1 J	19,000
108-88-3	Toluene	PPB	0.9 U	1.3 U	1.3 U	1.1 U	0.98 U	0.96 U	1.2 U	1 U	1.2 U	1.2 U	100,000
156-60-5	trans-1,2-Dichloroethene	PPB	0.9 U	1.3 U	1.3 U	1.1 U	0.98 U	0.96 U	1.2 U	1 U	1.2 U	1.2 U	100,000
79-01-6	Trichloroethene	PPB	0.9 U	1.3 U	1.3 U	1.1 U	0.98 U	0.96 U	1.2 U	1 U	1.2 U	1.2 U	21,000
75-01-4	Vinyl chloride	PPB	0.9 U	1.3 U	1.3 U	1.1 U	0.98 U	0.96 U	1.2 U	1 U	1.2 U	1.2 U	900
1330-20-7	Xylenes, Total	PPB	2.7 U	3.8 U	3.8 U	3.4 U	2.9 U	2.9 U	3.7 U	3 U	3.7 U	3.7 U	100,000

Table-2

American Analytical Laboratories, LLC.

WorkOrder: 1709132

Client: WRS d.b.a Berninger Environmental

Project: Schmucklers, 358 North Avenue, New Rochelle

SVOC CasNo	Analyte	Client SampleID: Laboratory ID:	CS-1-5 @ 0-2" 1709132-011	CS-1-5 @ 2-12" 1709132-012	CS-1-5 @ 12-24" 1709132-013	Part 375 Restricted- Residential Limits
		Sampling Date:	9/26/2017	9/26/2017	9/26/2017	
		Units	q	q	q	
95-48-7	2-Methylphenol	PPB	30 U	30 U	31 U	100,000
108-39-4/106-44	3+4-Methylphenol	PPB	30 U	30 U	31 U	100,000
83-32-9	Acenaphthene	PPB	130 J	490	410	100,000
208-96-8	Acenaphthylene	PPB	97 J	160 J	190 J	100,000
120-12-7	Anthracene	PPB	340	1,100	980	100,000
56-55-3	Benzo(a)anthracene	PPB	1,300	3,300	3,000	1,000
50-32-8	Benzo(a)pyrene	PPB	1,100	2,600	2,500	1,000
205-99-2	Benzo(b)fluoranthene	PPB	1,100	2,600	2,700	1,000
191-24-2	Benzo(g,h,i)perylene	PPB	740	1,600	1,700	100,000
207-08-9	Benzo(k)fluoranthene	PPB	1,000	2,300	2,100	3,900
218-01-9	Chrysene	PPB	1,400	3,400	3,100	3,900
53-70-3	Dibenzo(a,h)anthracene	PPB	210	500	510	330
132-64-9	Dibenzofuran	PPB	92 J	260 J	290 J	59,000
206-44-0	Fluoranthene	PPB	2,700	6,300 D	5,900	100,000
86-73-7	Fluorene	PPB	130 J	460	450	100,000
118-74-1	Hexachlorobenzene	PPB	30 U	30 U	31 U	1,200
193-39-5	Indeno(1,2,3-c,d)pyrene	PPB	800	1,800	1,800	500
91-20-3	Naphthalene	PPB	110 J	190 J	260 J	100,000
87-86-5	Pentachlorophenol	PPB	59 U	60 U	61 U	6,700
85-01-8	Phenanthrene	PPB	1,800	5,400	4,700	100,000
108-95-2	Phenol	PPB	30 U	30 U	31 U	100,000
129-00-0	Pyrene	PPB	2,300	5,900 D	5,300	100,000

Table-3

American Analytical Laboratories, LLC.

WorkOrder: 1709132

Client: WRS d.b.a Berninger Environmental

Project: Schmucklers, 358 North Avenue, New Rochelle

METALS	CasNo	Analyte	Client SampleID:	CS-1-5 @ 0-2"	CS-1-5 @ 2-12"	CS-1-5 @ 12-24"	Part 375 Restricted- Residential Limits	
			Laboratory ID:	1709132-011	1709132-012	1709132-013		
			Sampling Date:	9/26/2017	9/26/2017	9/26/2017		
			Units	q	q	q		
	7440-38-2	Arsenic	PPM	6.01	7.64	7.81		16
	7440-39-3	Barium	PPM	189	360	246		400
	7440-41-7	Beryllium	PPM	0.104 U	0.108 U	0.116 U		72
	7440-43-9	Cadmium	PPM	0.713	2.34	1.15		4.3
	7440-47-3	Chromium	PPM	20.8	26.3	23.8		180
	7440-50-8	Copper	PPM	55.9	91.6	62.3		270
	7439-92-1	Lead	PPM	359	1,040	558		400
	7439-96-5	Manganese	PPM	265	326	434		2,000
	7439-97-6	Mercury	PPM	3.02 D	0.879 D	2.33 D		0.81
	7440-02-0	Nickel	PPM	15.3	17.6	18.5		310
	7782-49-2	Selenium	PPM	0.218 J	0.513 J	0.233 U		180
	7440-22-4	Silver	PPM	0.966	0.76	1.06		180
	7440-66-6	Zinc	PPM	253	516	390		10,000

Table-4

American Analytical Laboratories, LLC.

WorkOrder: 1709132

Client: WRS d.b.a Berninger Environmental

Project: Schmucklers, 358 North Avenue, New Rochelle

PESTICIDES	CasNo	Analyte	Client SampleID:	CS-1-5 @ 0-2"	CS-1-5 @ 2-12"	CS-1-5 @ 12-24"	Part 375 Restricted- Residential Limits
			Laboratory ID:	1709132-011	1709132-012	1709132-013	
			Sampling Date:	9/26/2017	9/26/2017	9/26/2017	
			Units	q	q	q	
	72-54-8	4,4'-DDD	PPB	7.4 P	14 P	15	13,000
	72-55-9	4,4'-DDE	PPB	22 P	22 P	14 P	8,900
	50-29-3	4,4'-DDT	PPB	50	58	22	7,900
	309-00-2	Aldrin	PPB	1.2 U	1.2 U	1.2 U	97
	319-84-6	alpha-BHC	PPB	1.2 U	1.2 U	1.2 U	480
	5103-71-9	alpha-Chlordane	PPB	38	48	31 P	4,200
	319-85-7	beta-BHC	PPB	1.2 U	1.2 U	1.2 U	360
	319-86-8	delta-BHC	PPB	1.2 U	1.2 U	1.2 U	100,000
	60-57-1	Dieldrin	PPB	4.8	8.5	8.6	200
	959-98-8	Endosulfan I	PPB	1.2 U	1.2 U	1.2 U	24,000
	33213-65-9	Endosulfan II	PPB	1.2 U	1.2 U	1.2 U	24,000
	1031-07-8	Endosulfan sulfate	PPB	1.2 U	1.2 U	1.2 U	24,000
	72-20-8	Endrin	PPB	1.2 U	1.2 U	1.2 U	11,000
	58-89-9	gamma-BHC	PPB	1.2 U	1.2 U	1.2 U	1,300
	76-44-8	Heptachlor	PPB	2.4 U	2.4 U	2.4 U	2,100
HERBICIDES	93-72-1	2,4,5-TP	PPB	1.2 U	1.2 U	1.2 U	100,000

Attachment-A  
Lab Data



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)

October 10, 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, 358 North Avenue, New Roch

Order No.: 1709132

Dear Walter Berninger:

American Analytical Laboratories, LLC. received 15 sample(s) on 9/26/2017 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,

Karen Kelly  
QA/QC Manager  
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#: 1709132

10-Oct-17

**CLIENT:** WRS d.b.a Berninger Environmental  
**Project:** Schmucklers, 358 North Avenue, New Rochelle

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
1709132-001A	CS-1 @ 2-6"		9/26/2017	9/26/2017 4:34:55 PM	Soil
1709132-002A	CS-1 @ 12-24"		9/26/2017	9/26/2017 4:34:55 PM	Soil
1709132-003A	CS-2 @ 2-6"		9/26/2017	9/26/2017 4:34:55 PM	Soil
1709132-004A	CS-2 @ 12-24"		9/26/2017	9/26/2017 4:34:55 PM	Soil
1709132-005A	CS-3 @ 2-6"		9/26/2017	9/26/2017 4:34:55 PM	Soil
1709132-006A	CS-3 @ 12-24"		9/26/2017	9/26/2017 4:34:55 PM	Soil
1709132-007A	CS-4 @ 2-6"		9/26/2017	9/26/2017 4:34:55 PM	Soil
1709132-008A	CS-4 @ 12-24"		9/26/2017	9/26/2017 4:34:55 PM	Soil
1709132-009A	CS-5 @ 2-6"		9/26/2017	9/26/2017 4:34:55 PM	Soil
1709132-010A	CS-5 @ 12-24"		9/26/2017	9/26/2017 4:34:55 PM	Soil
1709132-011A	CS-1-5 @ 0-2"		9/26/2017	9/26/2017 4:34:55 PM	Soil
1709132-012A	CS-1-5 @ 2-12"		9/26/2017	9/26/2017 4:34:55 PM	Soil
1709132-013A	CS-1-5 @ 12-24"		9/26/2017	9/26/2017 4:34:55 PM	Soil
1709132-014A	Field Blank		9/26/2017 11:15:00 AM	9/26/2017 4:34:55 PM	Liquid
1709132-014B	Field Blank		9/26/2017 11:15:00 AM	9/26/2017 4:34:55 PM	Liquid
1709132-014C	Field Blank		9/26/2017 11:15:00 AM	9/26/2017 4:34:55 PM	Liquid
1709132-014D	Field Blank		9/26/2017 11:15:00 AM	9/26/2017 4:34:55 PM	Liquid
1709132-014E	Field Blank		9/26/2017 11:15:00 AM	9/26/2017 4:34:55 PM	Liquid
1709132-015A	Trip Blank		9/26/2017	9/26/2017 4:34:55 PM	Liquid

Original





CHAIN OF CUSTODY

56 Toledo Street, Farmingdale NY 11735  
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CERTIFICATIONS  
NY ELAP - 11418 PA DEP - 68-00573  
NJ DEP - NY050 CT DOH - PH-0205

Client Information

Company Name **BEI**  
 Address **17 Old Oak Rd.**  
 City **Yaphank** State **NY** Zip **11980**  
 Project Contact **JGH**  
 Phone # **631-589-6523**  
 E-mail **helping@wres.com**

Project Information

Project Name **Schwukers**  
 Street **388 D. Ave**  
 City **New Rochelle** State **NY** Zip  
 Project # **9851**  
 Sampler's Name / Company **Justin BEI**  
 Sampler's Signature

Analytical Information

SAMPLE #	Client Sample ID	Sample Type	Matrix Code	Date	Time	Class / Plastic	Total # of bottles	Sample Containers							Comments / Remarks		
								NON	OH	H <sub>2</sub> O	HNO <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	NaHSO <sub>4</sub>	MeOH		OTHER	
1709132-001	CS-102-6"	G	S	9/26/17		G	3										
002	CS-202-24"						3										
003	CS-202-6" (misc)						3										
004	CS-202-24"						3										
005	CS-302-6"						3										
006	CS-302-24"						3										
007	CS-402-6"						3										
008	CS-402-24"						3										
009	CS-502-6"						3										
010	CS-502-24"						3										
1709132-015	Trip Blank	G	L				4										
014	Field Blank	G	L				8										

Sample Information

Standard  7-10 Business Days  
 5 Day RUSH  
 4 Day RUSH

Turnaround Time (Business Days)

Matrix Codes

G = Grab  
 C = Composite  
 B = Blank

L = Liquid  
 S = Soil  
 O = Oil  
 W = Wipe  
 M = Miscellaneous

PC = Paint Chip  
 SL = Sludge  
 SD = Solid

Sample Custody

REQUISITIONED BY (SIGNATURE) **Kimberly Lehto**  
 DATE **09/26/17** TIME **16:30**  
 REQUISITIONED BY (SIGNATURE) **Justin BEI**  
 DATE **9/26/17** TIME **16:30**

Comments / Remarks

**P.O.# 21140**

**ASP CAT B 4.10C**

**503T Coblec Temp: Ferracor kit**

**Part - 375 param. (WCS)**



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# CERTIFICATIONS

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

### Client Information

Company Name: **BEI**  
Address: **Old Dock Rd**  
City: **Yaphank NY** State: **NY** Zip: **11980**  
Project Contact: **Justin Halpin**  
Phone #: **631-589-6521**  
E-mail: **jhalpin@vres.com**

### Project Information

Project Name: **Schmukler**  
Street: **358 North Avenue**  
City: **New Rochelle** State: **NY** Zip: **10801**  
Project # / Purchase Order #: **9851 / PO # 21140**  
Sampler's Name / Company: **John BFI**  
Sampler's Signature: *[Signature]*

### Analytical Test / Information

Part - 375 Param. (1000 VCS)

### Sample Information

LAB SAMPLE #	Client Sample ID	Sample Type	Matrix Code	Date	Time	Class Plastic
1709131-011	B-1-5@0-2"	C	S	09/26/17	T	G
	1012 B-1-5@2-12" (MSB)	C	S	09/26/17	J	G
	1013 B-1-5@12-24"	C	S	↓	↓	G

### Sample Collection

Total # of bottles	Sample Containers							
	None	HCl	NaOH	HNO3	H2SO4	DI Water (5035)	MeOH	Other
1	X							
3	X							
1	X							

### Number of Each Preserved Bottle

### Turnaround Time (Business Days)

Standard

7-10 Business Days  3 Day RUSH

5 Day RUSH  2 Day RUSH

4 Day RUSH  1 Day RUSH

Please contact laboratory for rush service availability

For use

### SAMPLE TYPE

G = Grab  
C = Composite  
B = Blank

### MATRIX CODE

L = Liquid  
S = Soil  
O = Oil  
W = Wipe  
M = Misc

### PC = Paint Chip

SL = Sludge  
SD = Solid  
M = Misc

### ELECTRONIC DELIVERABLES

NYCRR Part 375 - please circle  
Unres/ Comm/ Industrial/ Residential/ PGW  
NJ Soil Clean Up Criteria  
CP 51 - Gas / Fuel  
TOGS  
NYSDEC EQUIS

### Comments / Remarks

PG # 21140 CAT B  
Cooler Temp: 4.0

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

RELINQUISHED BY (SIGNATURE)

DATE: 09/26/17

TIME: 1630

PRINTED NAME

Kimberly Lohr

RECEIVED BY LAB (SIGNATURE)

[Signature]

DATE: 9/26/17

TIME: 16:30

PRINTED NAME

COLE BRYAN

RELINQUISHED BY (SIGNATURE)

DATE:

TIME:

PRINTED NAME

[Signature]

RECEIVED BY LAB (SIGNATURE)

[Signature]

DATE:

TIME:

PRINTED NAME

[Signature]



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# Sample Log-In Check List

Client Name: Berninger      Work Order Number: 1709132      RcptNo: 1

Logged by:	Lori Beyer	9/26/2017 4:34:55 PM	<i>Lori Beyer</i>
Completed By:	Lori Beyer	9/26/2017 4:57:11 PM	<i>Lori Beyer</i>
Reviewed By:	Phyllis Masi	9/27/2017	<i>Phyllis Masi</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:  
 5035A terracore kits. Per client instructions; samples on 2nd COC should be CS-1, etc.

**Cooler Information**

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



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## Case Narrative

WO#: 1709132  
Date: 10/10/2017

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**CLIENT:** WRS d.b.a Berninger Environmental  
**Project:** Schmucklers, 358 North Avenue, New Rochelle

---

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 of this report.

Soil sample results analyzed for Volatile Organics were collected according to the 5035A Method in terracore devices. 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.

Methylene Chloride/Acetone/Phthalates are common lab contaminants. If detected in the corresponding method blank, the associated sample results have been qualified, "B."

Full analyte lists are reported for Field and Trip Blank. Soil samples have been reported with the selected Part 375 analyte list in Table 6.8 (b).

Pesticide/PCB/Herbicide analysis is analyzed on two distinct columns. Once a target compound is qualitatively confirmed by detection on both columns and quantitation is determined to be >40% between the two columns, AAL's policy is to report the lower of the values as suggested by SW846 Method 8000C in cases where no interference exists. If in the professional judgment of the laboratory, the higher value must be utilized this is explained in the lab report.

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

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## Case Narrative

WO#: 1709132  
Date: 10/10/2017

---

**CLIENT:** WRS d.b.a Berninger Environmental  
**Project:** Schmucklers, 358 North Avenue, New Rochelle

---

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.

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## Definition Only

WO#: 1709132

Date: 10/10/2017

### 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.

PQL - Practical Quantitation Limit; the lowest level that can be reliably achieved within the specific limits of Precision and accuracy. Listed on the QC Summary Forms.

m - Analyte was manually integrated for GC/MS.

+ - Concentration exceeds regulatory level for TCLP

Original

ELAP ID : 11418

CLIENT: WRS d.b.a Berninger Environmental Client Sample ID: CS-1 @ 2-6"  
 Lab Order: 1709132 Collection Date: 9/26/2017  
 Project: Schmucklers, 358 North Avenue, New Rochelle, Matrix: SOIL  
 Lab ID: 1709132-001A

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>PERCENT MOISTURE</b>			<b>D2216</b>				Analyst: LA
Percent Moisture	13.5	0	1.00		wt%	1	9/27/2017 1:58:09 PM
<b>VOLATILE SW-846 METHOD 8260</b>			<b>SW8260C</b>		<b>SW5035A</b>		Analyst: LA
1,1,1-Trichloroethane	ND	0.90	4.5	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
1,1-Dichloroethane	ND	0.90	4.5	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
1,1-Dichloroethene	ND	0.90	4.5	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
1,2,4-Trimethylbenzene	ND	0.90	4.5	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
1,2-Dichlorobenzene	ND	0.90	4.5	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
1,2-Dichloroethane	ND	0.90	4.5	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
1,3,5-Trimethylbenzene	ND	0.90	4.5	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
1,3-Dichlorobenzene	ND	0.90	4.5	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
1,4-Dichlorobenzene	ND	0.90	4.5	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
1,4-Dioxane	ND	0.90	4.5	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
2-Butanone	ND	4.5	9.0	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
Acetone	ND	4.5	9.0	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
Benzene	ND	0.90	4.5	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
Carbon tetrachloride	ND	0.90	4.5	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
Chlorobenzene	ND	0.90	4.5	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
Chloroform	ND	0.90	4.5	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
cis-1,2-Dichloroethene	ND	0.90	4.5	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
Ethylbenzene	ND	0.90	4.5	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
m,p-Xylene	ND	1.8	9.0	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
Methyl tert-butyl ether	ND	0.90	4.5	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
Methylene chloride	4.9	0.90	4.5	B	µg/Kg-dry	1	9/28/2017 12:54:00 AM
n-Butylbenzene	ND	0.90	4.5	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
n-Propylbenzene	ND	0.90	4.5	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
o-Xylene	ND	0.90	4.5	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
sec-Butylbenzene	ND	0.90	4.5	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
tert-Butylbenzene	ND	0.90	4.5	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
Tetrachloroethene	1.0	0.90	4.5	J	µg/Kg-dry	1	9/28/2017 12:54:00 AM
Toluene	ND	0.90	4.5	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
trans-1,2-Dichloroethene	ND	0.90	4.5	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
Trichloroethene	ND	0.90	4.5	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM

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Original

**American Analytical Laboratories, LLC.**

**Date:** 10-Oct-17

**ELAP ID : 11418**

---

<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	CS-1 @ 2-6"
<b>Lab Order:</b>	1709132	<b>Collection Date:</b>	9/26/2017
<b>Project:</b>	Schmucklers, 358 North Avenue, New Rochelle,	<b>Matrix:</b>	SOIL
<b>Lab ID:</b>	1709132-001A		

---

**Certificate of Results**

---

<b>Analyses</b>	<b>Sample Result</b>	<b>LOD</b>	<b>LOQ</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date/Time Analyzed</b>
<b>VOLATILE SW-846 METHOD 8260</b>							
			<b>SW8260C</b>		<b>SW5035A</b>		Analyst: <b>LA</b>
Vinyl chloride	ND	0.90	4.5	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM
Xylenes, Total	ND	2.7	9.0	U	µg/Kg-dry	1	9/28/2017 12:54:00 AM

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Original



ELAP ID : 11418

CLIENT: WRS d.b.a Berninger Environmental Client Sample ID: CS-1 @ 12-24"  
 Lab Order: 1709132 Collection Date: 9/26/2017  
 Project: Schmucklers, 358 North Avenue, New Rochelle, Matrix: SOIL  
 Lab ID: 1709132-002A

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>PERCENT MOISTURE</b>			<b>D2216</b>				Analyst: LA
Percent Moisture	12.4	0	1.00		wt%	1	9/27/2017 1:58:09 PM
<b>VOLATILE SW-846 METHOD 8260</b>			<b>SW8260C</b>		<b>SW5035A</b>		Analyst: LA
1,1,1-Trichloroethane	ND	1.3	6.3	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
1,1-Dichloroethane	ND	1.3	6.3	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
1,1-Dichloroethene	ND	1.3	6.3	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
1,2,4-Trimethylbenzene	ND	1.3	6.3	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
1,2-Dichlorobenzene	ND	1.3	6.3	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
1,2-Dichloroethane	ND	1.3	6.3	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
1,3,5-Trimethylbenzene	ND	1.3	6.3	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
1,3-Dichlorobenzene	ND	1.3	6.3	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
1,4-Dichlorobenzene	ND	1.3	6.3	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
1,4-Dioxane	ND	1.3	6.3	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
2-Butanone	ND	6.3	13	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
Acetone	ND	6.3	13	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
Benzene	ND	1.3	6.3	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
Carbon tetrachloride	ND	1.3	6.3	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
Chlorobenzene	ND	1.3	6.3	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
Chloroform	ND	1.3	6.3	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
cis-1,2-Dichloroethene	ND	1.3	6.3	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
Ethylbenzene	ND	1.3	6.3	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
m,p-Xylene	ND	2.5	13	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
Methyl tert-butyl ether	ND	1.3	6.3	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
Methylene chloride	3.0	1.3	6.3	BJ	µg/Kg-dry	1	9/28/2017 1:26:00 AM
n-Butylbenzene	ND	1.3	6.3	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
n-Propylbenzene	ND	1.3	6.3	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
o-Xylene	ND	1.3	6.3	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
sec-Butylbenzene	ND	1.3	6.3	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
tert-Butylbenzene	ND	1.3	6.3	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
Tetrachloroethene	2.9	1.3	6.3	J	µg/Kg-dry	1	9/28/2017 1:26:00 AM
Toluene	ND	1.3	6.3	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
trans-1,2-Dichloroethene	ND	1.3	6.3	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
Trichloroethene	ND	1.3	6.3	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM

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Original

**American Analytical Laboratories, LLC.**

**Date:** 10-Oct-17

**ELAP ID : 11418**

---

<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	CS-1 @ 12-24"
<b>Lab Order:</b>	1709132	<b>Collection Date:</b>	9/26/2017
<b>Project:</b>	Schmucklers, 358 North Avenue, New Rochelle,	<b>Matrix:</b>	SOIL
<b>Lab ID:</b>	1709132-002A		

---

**Certificate of Results**

---

<b>Analyses</b>	<b>Sample Result</b>	<b>LOD</b>	<b>LOQ</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date/Time Analyzed</b>
<b>VOLATILE SW-846 METHOD 8260</b>							
			<b>SW8260C</b>		<b>SW5035A</b>		Analyst: <b>LA</b>
Vinyl chloride	ND	1.3	6.3	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM
Xylenes, Total	ND	3.8	13	U	µg/Kg-dry	1	9/28/2017 1:26:00 AM

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

ELAP ID : 11418

CLIENT: WRS d.b.a Berninger Environmental Client Sample ID: CS-2 @ 2-6"  
 Lab Order: 1709132 Collection Date: 9/26/2017  
 Project: Schmucklers, 358 North Avenue, New Rochelle, Matrix: SOIL  
 Lab ID: 1709132-003A

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>PERCENT MOISTURE</b>			<b>D2216</b>				Analyst: LA
Percent Moisture	16.6	0	1.00		wt%	1	9/27/2017 1:58:09 PM
<b>VOLATILE SW-846 METHOD 8260</b>			<b>SW8260C</b>		<b>SW5035A</b>		Analyst: LA
1,1,1-Trichloroethane	ND	1.3	6.4	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
1,1-Dichloroethane	ND	1.3	6.4	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
1,1-Dichloroethene	ND	1.3	6.4	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
1,2,4-Trimethylbenzene	ND	1.3	6.4	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
1,2-Dichlorobenzene	ND	1.3	6.4	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
1,2-Dichloroethane	ND	1.3	6.4	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
1,3,5-Trimethylbenzene	ND	1.3	6.4	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
1,3-Dichlorobenzene	ND	1.3	6.4	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
1,4-Dichlorobenzene	ND	1.3	6.4	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
1,4-Dioxane	ND	1.3	6.4	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
2-Butanone	ND	6.4	13	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
Acetone	ND	6.4	13	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
Benzene	ND	1.3	6.4	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
Carbon tetrachloride	ND	1.3	6.4	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
Chlorobenzene	ND	1.3	6.4	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
Chloroform	ND	1.3	6.4	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
cis-1,2-Dichloroethene	ND	1.3	6.4	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
Ethylbenzene	ND	1.3	6.4	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
m,p-Xylene	ND	2.6	13	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
Methyl tert-butyl ether	ND	1.3	6.4	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
Methylene chloride	ND	1.3	6.4	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
n-Butylbenzene	ND	1.3	6.4	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
n-Propylbenzene	ND	1.3	6.4	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
o-Xylene	ND	1.3	6.4	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
sec-Butylbenzene	ND	1.3	6.4	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
tert-Butylbenzene	ND	1.3	6.4	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
Tetrachloroethene	1.3	1.3	6.4	J	µg/Kg-dry	1	9/28/2017 12:10:00 PM
Toluene	ND	1.3	6.4	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
trans-1,2-Dichloroethene	ND	1.3	6.4	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
Trichloroethene	ND	1.3	6.4	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM

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Original

**American Analytical Laboratories, LLC.**

**Date:** 10-Oct-17

**ELAP ID : 11418**

---

<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	CS-2 @ 2-6"
<b>Lab Order:</b>	1709132	<b>Collection Date:</b>	9/26/2017
<b>Project:</b>	Schmucklers, 358 North Avenue, New Rochelle,	<b>Matrix:</b>	SOIL
<b>Lab ID:</b>	1709132-003A		

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**Certificate of Results**

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<b>Analyses</b>	<b>Sample Result</b>	<b>LOD</b>	<b>LOQ</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date/Time Analyzed</b>
<b>VOLATILE SW-846 METHOD 8260</b>							
			<b>SW8260C</b>		<b>SW5035A</b>		Analyst: <b>LA</b>
Vinyl chloride	ND	1.3	6.4	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM
Xylenes, Total	ND	3.8	13	U	µg/Kg-dry	1	9/28/2017 12:10:00 PM

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Original

ELAP ID : 11418

CLIENT: WRS d.b.a Berninger Environmental Client Sample ID: CS-2 @ 12-24"  
 Lab Order: 1709132 Collection Date: 9/26/2017  
 Project: Schmucklers, 358 North Avenue, New Rochelle, Matrix: SOIL  
 Lab ID: 1709132-004A

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>PERCENT MOISTURE</b>			<b>D2216</b>				Analyst: LA
Percent Moisture	14.5	0	1.00		wt%	1	9/27/2017 1:58:09 PM
<b>VOLATILE SW-846 METHOD 8260</b>			<b>SW8260C</b>		<b>SW5035A</b>		Analyst: LA
1,1,1-Trichloroethane	ND	1.1	5.6	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
1,1-Dichloroethane	ND	1.1	5.6	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
1,1-Dichloroethene	ND	1.1	5.6	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
1,2,4-Trimethylbenzene	ND	1.1	5.6	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
1,2-Dichlorobenzene	ND	1.1	5.6	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
1,2-Dichloroethane	ND	1.1	5.6	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
1,3,5-Trimethylbenzene	ND	1.1	5.6	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
1,3-Dichlorobenzene	ND	1.1	5.6	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
1,4-Dichlorobenzene	ND	1.1	5.6	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
1,4-Dioxane	ND	1.1	5.6	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
2-Butanone	ND	5.6	11	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
Acetone	ND	5.6	11	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
Benzene	ND	1.1	5.6	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
Carbon tetrachloride	ND	1.1	5.6	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
Chlorobenzene	ND	1.1	5.6	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
Chloroform	ND	1.1	5.6	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
cis-1,2-Dichloroethene	ND	1.1	5.6	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
Ethylbenzene	ND	1.1	5.6	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
m,p-Xylene	ND	2.2	11	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
Methyl tert-butyl ether	ND	1.1	5.6	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
Methylene chloride	ND	1.1	5.6	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
n-Butylbenzene	ND	1.1	5.6	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
n-Propylbenzene	ND	1.1	5.6	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
o-Xylene	ND	1.1	5.6	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
sec-Butylbenzene	ND	1.1	5.6	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
tert-Butylbenzene	ND	1.1	5.6	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
Tetrachloroethene	1.8	1.1	5.6	J	µg/Kg-dry	1	9/28/2017 12:42:00 PM
Toluene	ND	1.1	5.6	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
trans-1,2-Dichloroethene	ND	1.1	5.6	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
Trichloroethene	ND	1.1	5.6	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM

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Original

**ELAP ID : 11418**

<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	CS-2 @ 12-24"
<b>Lab Order:</b>	1709132	<b>Collection Date:</b>	9/26/2017
<b>Project:</b>	Schmucklers, 358 North Avenue, New Rochelle,	<b>Matrix:</b>	SOIL
<b>Lab ID:</b>	1709132-004A		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOLATILE SW-846 METHOD 8260</b>							
			<b>SW8260C</b>		<b>SW5035A</b>		Analyst: <b>LA</b>
Vinyl chloride	ND	1.1	5.6	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM
Xylenes, Total	ND	3.4	11	U	µg/Kg-dry	1	9/28/2017 12:42:00 PM



ELAP ID : 11418

CLIENT: WRS d.b.a Berninger Environmental Client Sample ID: CS-3 @ 2-6"  
 Lab Order: 1709132 Collection Date: 9/26/2017  
 Project: Schmucklers, 358 North Avenue, New Rochelle, Matrix: SOIL  
 Lab ID: 1709132-005A

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>PERCENT MOISTURE</b>			<b>D2216</b>				Analyst: LA
Percent Moisture	16.8	0	1.00		wt%	1	9/27/2017 1:58:09 PM
<b>VOLATILE SW-846 METHOD 8260</b>			<b>SW8260C</b>		<b>SW5035A</b>		Analyst: LA
1,1,1-Trichloroethane	ND	0.98	4.9	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
1,1-Dichloroethane	ND	0.98	4.9	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
1,1-Dichloroethene	ND	0.98	4.9	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
1,2,4-Trimethylbenzene	ND	0.98	4.9	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
1,2-Dichlorobenzene	ND	0.98	4.9	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
1,2-Dichloroethane	ND	0.98	4.9	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
1,3,5-Trimethylbenzene	ND	0.98	4.9	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
1,3-Dichlorobenzene	ND	0.98	4.9	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
1,4-Dichlorobenzene	ND	0.98	4.9	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
1,4-Dioxane	ND	0.98	4.9	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
2-Butanone	ND	4.9	9.8	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
Acetone	ND	4.9	9.8	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
Benzene	ND	0.98	4.9	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
Carbon tetrachloride	ND	0.98	4.9	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
Chlorobenzene	ND	0.98	4.9	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
Chloroform	ND	0.98	4.9	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
cis-1,2-Dichloroethene	ND	0.98	4.9	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
Ethylbenzene	ND	0.98	4.9	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
m,p-Xylene	ND	2.0	9.8	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
Methyl tert-butyl ether	ND	0.98	4.9	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
Methylene chloride	ND	0.98	4.9	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
n-Butylbenzene	ND	0.98	4.9	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
n-Propylbenzene	ND	0.98	4.9	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
o-Xylene	ND	0.98	4.9	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
sec-Butylbenzene	ND	0.98	4.9	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
tert-Butylbenzene	ND	0.98	4.9	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
Tetrachloroethene	1.4	0.98	4.9	J	µg/Kg-dry	1	9/28/2017 1:13:00 PM
Toluene	ND	0.98	4.9	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
trans-1,2-Dichloroethene	ND	0.98	4.9	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
Trichloroethene	ND	0.98	4.9	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM

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Original

**American Analytical Laboratories, LLC.**

**Date:** 10-Oct-17

**ELAP ID : 11418**

---

<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	CS-3 @ 2-6"
<b>Lab Order:</b>	1709132	<b>Collection Date:</b>	9/26/2017
<b>Project:</b>	Schmucklers, 358 North Avenue, New Rochelle,	<b>Matrix:</b>	SOIL
<b>Lab ID:</b>	1709132-005A		

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**Certificate of Results**

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<b>Analyses</b>	<b>Sample Result</b>	<b>LOD</b>	<b>LOQ</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date/Time Analyzed</b>
<b>VOLATILE SW-846 METHOD 8260</b>							
			<b>SW8260C</b>		<b>SW5035A</b>		Analyst: <b>LA</b>
Vinyl chloride	ND	0.98	4.9	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM
Xylenes, Total	ND	2.9	9.8	U	µg/Kg-dry	1	9/28/2017 1:13:00 PM

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Original



ELAP ID : 11418

CLIENT: WRS d.b.a Berninger Environmental Client Sample ID: CS-3 @ 12-24"  
 Lab Order: 1709132 Collection Date: 9/26/2017  
 Project: Schmucklers, 358 North Avenue, New Rochelle, Matrix: SOIL  
 Lab ID: 1709132-006A

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>PERCENT MOISTURE</b>			<b>D2216</b>				Analyst: LA
Percent Moisture	17.0	0	1.00		wt%	1	9/27/2017 1:58:09 PM
<b>VOLATILE SW-846 METHOD 8260</b>			<b>SW8260C</b>		<b>SW5035A</b>		Analyst: LA
1,1,1-Trichloroethane	ND	0.96	4.8	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
1,1-Dichloroethane	ND	0.96	4.8	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
1,1-Dichloroethene	ND	0.96	4.8	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
1,2,4-Trimethylbenzene	ND	0.96	4.8	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
1,2-Dichlorobenzene	ND	0.96	4.8	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
1,2-Dichloroethane	ND	0.96	4.8	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
1,3,5-Trimethylbenzene	ND	0.96	4.8	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
1,3-Dichlorobenzene	ND	0.96	4.8	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
1,4-Dichlorobenzene	ND	0.96	4.8	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
1,4-Dioxane	ND	0.96	4.8	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
2-Butanone	ND	4.8	9.6	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
Acetone	ND	4.8	9.6	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
Benzene	ND	0.96	4.8	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
Carbon tetrachloride	ND	0.96	4.8	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
Chlorobenzene	ND	0.96	4.8	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
Chloroform	ND	0.96	4.8	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
cis-1,2-Dichloroethene	ND	0.96	4.8	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
Ethylbenzene	ND	0.96	4.8	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
m,p-Xylene	ND	1.9	9.6	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
Methyl tert-butyl ether	ND	0.96	4.8	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
Methylene chloride	ND	0.96	4.8	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
n-Butylbenzene	ND	0.96	4.8	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
n-Propylbenzene	ND	0.96	4.8	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
o-Xylene	ND	0.96	4.8	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
sec-Butylbenzene	ND	0.96	4.8	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
tert-Butylbenzene	ND	0.96	4.8	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
Tetrachloroethene	1.9	0.96	4.8	J	µg/Kg-dry	1	9/28/2017 1:45:00 PM
Toluene	ND	0.96	4.8	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
trans-1,2-Dichloroethene	ND	0.96	4.8	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
Trichloroethene	ND	0.96	4.8	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM

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Original

**American Analytical Laboratories, LLC.**

**Date:** 10-Oct-17

**ELAP ID : 11418**

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<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	CS-3 @ 12-24"
<b>Lab Order:</b>	1709132	<b>Collection Date:</b>	9/26/2017
<b>Project:</b>	Schmucklers, 358 North Avenue, New Rochelle,	<b>Matrix:</b>	SOIL
<b>Lab ID:</b>	1709132-006A		

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**Certificate of Results**

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<b>Analyses</b>	<b>Sample Result</b>	<b>LOD</b>	<b>LOQ</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date/Time Analyzed</b>
<b>VOLATILE SW-846 METHOD 8260</b>							
			<b>SW8260C</b>		<b>SW5035A</b>		Analyst: <b>LA</b>
Vinyl chloride	ND	0.96	4.8	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM
Xylenes, Total	ND	2.9	9.6	U	µg/Kg-dry	1	9/28/2017 1:45:00 PM

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Original

ELAP ID : 11418

CLIENT: WRS d.b.a Berninger Environmental Client Sample ID: CS-4 @ 2-6"  
 Lab Order: 1709132 Collection Date: 9/26/2017  
 Project: Schmucklers, 358 North Avenue, New Rochelle, Matrix: SOIL  
 Lab ID: 1709132-007A

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>PERCENT MOISTURE</b>			<b>D2216</b>				Analyst: LA
Percent Moisture	16.9	0	1.00		wt%	1	9/27/2017 1:58:09 PM
<b>VOLATILE SW-846 METHOD 8260</b>			<b>SW8260C</b>		<b>SW5035A</b>		Analyst: LA
1,1,1-Trichloroethane	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
1,1-Dichloroethane	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
1,1-Dichloroethene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
1,2,4-Trimethylbenzene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
1,2-Dichlorobenzene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
1,2-Dichloroethane	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
1,3,5-Trimethylbenzene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
1,3-Dichlorobenzene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
1,4-Dichlorobenzene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
1,4-Dioxane	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
2-Butanone	ND	6.2	12	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
Acetone	ND	6.2	12	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
Benzene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
Carbon tetrachloride	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
Chlorobenzene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
Chloroform	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
cis-1,2-Dichloroethene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
Ethylbenzene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
m,p-Xylene	ND	2.5	12	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
Methyl tert-butyl ether	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
Methylene chloride	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
n-Butylbenzene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
n-Propylbenzene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
o-Xylene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
sec-Butylbenzene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
tert-Butylbenzene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
Tetrachloroethene	4.1	1.2	6.2	J	µg/Kg-dry	1	9/28/2017 2:17:00 PM
Toluene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
trans-1,2-Dichloroethene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
Trichloroethene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM

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Original

**American Analytical Laboratories, LLC.**

**Date:** 10-Oct-17

**ELAP ID : 11418**

---

<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	CS-4 @ 2-6"
<b>Lab Order:</b>	1709132	<b>Collection Date:</b>	9/26/2017
<b>Project:</b>	Schmucklers, 358 North Avenue, New Rochelle,	<b>Matrix:</b>	SOIL
<b>Lab ID:</b>	1709132-007A		

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**Certificate of Results**

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<b>Analyses</b>	<b>Sample Result</b>	<b>LOD</b>	<b>LOQ</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date/Time Analyzed</b>
<b>VOLATILE SW-846 METHOD 8260</b>							
			<b>SW8260C</b>		<b>SW5035A</b>		Analyst: <b>LA</b>
Vinyl chloride	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM
Xylenes, Total	ND	3.7	12	U	µg/Kg-dry	1	9/28/2017 2:17:00 PM

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Original

**ELAP ID : 11418**

<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	CS-4 @ 12-24"
<b>Lab Order:</b>	1709132	<b>Collection Date:</b>	9/26/2017
<b>Project:</b>	Schmucklers, 358 North Avenue, New Rochelle,	<b>Matrix:</b>	SOIL
<b>Lab ID:</b>	1709132-008A		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>PERCENT MOISTURE</b>			<b>D2216</b>				Analyst: LA
Percent Moisture	23.9	0	1.00		wt%	1	9/27/2017 1:58:09 PM
<b>VOLATILE SW-846 METHOD 8260</b>			<b>SW8260C</b>		<b>SW5035A</b>		Analyst: LA
1,1,1-Trichloroethane	ND	1.0	5.0	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
1,1-Dichloroethane	ND	1.0	5.0	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
1,1-Dichloroethene	ND	1.0	5.0	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
1,2,4-Trimethylbenzene	ND	1.0	5.0	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
1,2-Dichlorobenzene	ND	1.0	5.0	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
1,2-Dichloroethane	ND	1.0	5.0	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
1,3,5-Trimethylbenzene	ND	1.0	5.0	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
1,3-Dichlorobenzene	ND	1.0	5.0	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
1,4-Dichlorobenzene	ND	1.0	5.0	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
1,4-Dioxane	ND	1.0	5.0	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
2-Butanone	ND	5.0	10	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
Acetone	ND	5.0	10	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
Benzene	ND	1.0	5.0	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
Carbon tetrachloride	ND	1.0	5.0	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
Chlorobenzene	ND	1.0	5.0	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
Chloroform	ND	1.0	5.0	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
cis-1,2-Dichloroethene	ND	1.0	5.0	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
Ethylbenzene	ND	1.0	5.0	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
m,p-Xylene	ND	2.0	10	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
Methyl tert-butyl ether	ND	1.0	5.0	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
Methylene chloride	ND	1.0	5.0	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
n-Butylbenzene	ND	1.0	5.0	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
n-Propylbenzene	ND	1.0	5.0	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
o-Xylene	ND	1.0	5.0	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
sec-Butylbenzene	ND	1.0	5.0	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
tert-Butylbenzene	ND	1.0	5.0	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
Tetrachloroethene	7.0	1.0	5.0		µg/Kg-dry	1	9/28/2017 2:49:00 PM
Toluene	ND	1.0	5.0	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
trans-1,2-Dichloroethene	ND	1.0	5.0	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
Trichloroethene	ND	1.0	5.0	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM

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Original

**American Analytical Laboratories, LLC.**

**Date:** 10-Oct-17

**ELAP ID : 11418**

---

<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	CS-4 @ 12-24"
<b>Lab Order:</b>	1709132	<b>Collection Date:</b>	9/26/2017
<b>Project:</b>	Schmucklers, 358 North Avenue, New Rochelle,	<b>Matrix:</b>	SOIL
<b>Lab ID:</b>	1709132-008A		

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**Certificate of Results**

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<b>Analyses</b>	<b>Sample Result</b>	<b>LOD</b>	<b>LOQ</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date/Time Analyzed</b>
<b>VOLATILE SW-846 METHOD 8260</b>							
			<b>SW8260C</b>		<b>SW5035A</b>		Analyst: <b>LA</b>
Vinyl chloride	ND	1.0	5.0	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM
Xylenes, Total	ND	3.0	10	U	µg/Kg-dry	1	9/28/2017 2:49:00 PM

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Original

ELAP ID : 11418

CLIENT: WRS d.b.a Berninger Environmental Client Sample ID: CS-5 @ 2-6"  
 Lab Order: 1709132 Collection Date: 9/26/2017  
 Project: Schmucklers, 358 North Avenue, New Rochelle, Matrix: SOIL  
 Lab ID: 1709132-009A

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>PERCENT MOISTURE</b>			<b>D2216</b>				Analyst: LA
Percent Moisture	13.2	0	1.00		wt%	1	9/27/2017 1:58:09 PM
<b>VOLATILE SW-846 METHOD 8260</b>			<b>SW8260C</b>		<b>SW5035A</b>		Analyst: LA
1,1,1-Trichloroethane	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
1,1-Dichloroethane	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
1,1-Dichloroethene	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
1,2,4-Trimethylbenzene	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
1,2-Dichlorobenzene	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
1,2-Dichloroethane	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
1,3,5-Trimethylbenzene	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
1,3-Dichlorobenzene	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
1,4-Dichlorobenzene	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
1,4-Dioxane	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
2-Butanone	ND	6.1	12	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
Acetone	ND	6.1	12	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
Benzene	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
Carbon tetrachloride	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
Chlorobenzene	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
Chloroform	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
cis-1,2-Dichloroethene	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
Ethylbenzene	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
m,p-Xylene	ND	2.5	12	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
Methyl tert-butyl ether	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
Methylene chloride	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
n-Butylbenzene	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
n-Propylbenzene	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
o-Xylene	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
sec-Butylbenzene	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
tert-Butylbenzene	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
Tetrachloroethene	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
Toluene	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
trans-1,2-Dichloroethene	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
Trichloroethene	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM

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Original

**American Analytical Laboratories, LLC.**

**Date:** 10-Oct-17

**ELAP ID : 11418**

---

<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	CS-5 @ 2-6"
<b>Lab Order:</b>	1709132	<b>Collection Date:</b>	9/26/2017
<b>Project:</b>	Schmucklers, 358 North Avenue, New Rochelle,	<b>Matrix:</b>	SOIL
<b>Lab ID:</b>	1709132-009A		

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**Certificate of Results**

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<b>Analyses</b>	<b>Sample Result</b>	<b>LOD</b>	<b>LOQ</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date/Time Analyzed</b>
<b>VOLATILE SW-846 METHOD 8260</b>							
			<b>SW8260C</b>		<b>SW5035A</b>		Analyst: <b>LA</b>
Vinyl chloride	ND	1.2	6.1	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM
Xylenes, Total	ND	3.7	12	U	µg/Kg-dry	1	9/28/2017 3:21:00 PM

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Original



ELAP ID : 11418

CLIENT: WRS d.b.a Berninger Environmental Client Sample ID: CS-5 @ 12-24"  
 Lab Order: 1709132 Collection Date: 9/26/2017  
 Project: Schmucklers, 358 North Avenue, New Rochelle, Matrix: SOIL  
 Lab ID: 1709132-010A

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>PERCENT MOISTURE</b>			<b>D2216</b>				Analyst: LA
Percent Moisture	13.7	0	1.00		wt%	1	9/27/2017 1:58:09 PM
<b>VOLATILE SW-846 METHOD 8260</b>			<b>SW8260C</b>		<b>SW5035A</b>		Analyst: LA
1,1,1-Trichloroethane	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
1,1-Dichloroethane	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
1,1-Dichloroethene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
1,2,4-Trimethylbenzene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
1,2-Dichlorobenzene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
1,2-Dichloroethane	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
1,3,5-Trimethylbenzene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
1,3-Dichlorobenzene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
1,4-Dichlorobenzene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
1,4-Dioxane	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
2-Butanone	ND	6.2	12	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
Acetone	ND	6.2	12	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
Benzene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
Carbon tetrachloride	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
Chlorobenzene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
Chloroform	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
cis-1,2-Dichloroethene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
Ethylbenzene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
m,p-Xylene	ND	2.5	12	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
Methyl tert-butyl ether	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
Methylene chloride	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
n-Butylbenzene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
n-Propylbenzene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
o-Xylene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
sec-Butylbenzene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
tert-Butylbenzene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
Tetrachloroethene	3.1	1.2	6.2	J	µg/Kg-dry	1	9/28/2017 3:52:00 PM
Toluene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
trans-1,2-Dichloroethene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
Trichloroethene	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM

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Original

**American Analytical Laboratories, LLC.**

**Date:** 10-Oct-17

**ELAP ID : 11418**

---

<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	CS-5 @ 12-24"
<b>Lab Order:</b>	1709132	<b>Collection Date:</b>	9/26/2017
<b>Project:</b>	Schmucklers, 358 North Avenue, New Rochelle,	<b>Matrix:</b>	SOIL
<b>Lab ID:</b>	1709132-010A		

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**Certificate of Results**

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<b>Analyses</b>	<b>Sample Result</b>	<b>LOD</b>	<b>LOQ</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date/Time Analyzed</b>
<b>VOLATILE SW-846 METHOD 8260</b>							
			<b>SW8260C</b>		<b>SW5035A</b>		Analyst: <b>LA</b>
Vinyl chloride	ND	1.2	6.2	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM
Xylenes, Total	ND	3.7	12	U	µg/Kg-dry	1	9/28/2017 3:52:00 PM

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Original

**American Analytical Laboratories, LLC.**

Date: 10-Oct-17

**ELAP ID : 11418**

<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	CS-1-5 @ 0-2"
<b>Lab Order:</b>	1709132	<b>Collection Date:</b>	9/26/2017
<b>Project:</b>	Schmucklers, 358 North Avenue, New Rochelle,	<b>Matrix:</b>	SOIL
<b>Lab ID:</b>	1709132-011A		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>MERCURY</b>							
Mercury	3.02	0.0788	0.148	D	mg/Kg-dry	10	9/28/2017 9:46:16 AM
<b>HERBICIDES SW-846 8151</b>							
2,4,5-TP	ND	1.2	3.6	U	µg/Kg-dry	1	10/5/2017 3:01:00 AM
<b>PCB'S AS AROCLORS SW-846 METHOD 8082</b>							
Aroclor 1016	ND	12	24	U	µg/Kg-dry	1	9/30/2017 11:10:00 AM
Aroclor 1221	ND	12	24	U	µg/Kg-dry	1	9/30/2017 11:10:00 AM
Aroclor 1232	ND	12	24	U	µg/Kg-dry	1	9/30/2017 11:10:00 AM
Aroclor 1242	ND	12	24	U	µg/Kg-dry	1	9/30/2017 11:10:00 AM
Aroclor 1248	ND	12	24	U	µg/Kg-dry	1	9/30/2017 11:10:00 AM
Aroclor 1254	ND	12	24	U	µg/Kg-dry	1	9/30/2017 11:10:00 AM
Aroclor 1260	ND	12	24	U	µg/Kg-dry	1	9/30/2017 11:10:00 AM
Aroclor 1262	ND	12	24	U	µg/Kg-dry	1	9/30/2017 11:10:00 AM
Aroclor 1268	ND	12	24	U	µg/Kg-dry	1	9/30/2017 11:10:00 AM
<b>PESTICIDES SW-846 METHOD 8081</b>							
4,4'-DDD	7.4	1.2	2.9	P	µg/Kg-dry	1	10/2/2017 5:27:00 PM
4,4'-DDE	22	1.2	2.9	P	µg/Kg-dry	1	10/2/2017 5:27:00 PM
4,4'-DDT	50	1.2	2.9		µg/Kg-dry	1	10/2/2017 5:27:00 PM
Aldrin	ND	1.2	2.9	U	µg/Kg-dry	1	10/2/2017 5:27:00 PM
alpha-BHC	ND	1.2	2.9	U	µg/Kg-dry	1	10/2/2017 5:27:00 PM
alpha-Chlordane	38	7.1	12		µg/Kg-dry	1	10/2/2017 5:27:00 PM
beta-BHC	ND	1.2	2.9	U	µg/Kg-dry	1	10/2/2017 5:27:00 PM
delta-BHC	ND	1.2	2.9	U	µg/Kg-dry	1	10/2/2017 5:27:00 PM
Dieldrin	4.8	1.2	2.9		µg/Kg-dry	1	10/2/2017 5:27:00 PM
Endosulfan I	ND	1.2	2.9	U	µg/Kg-dry	1	10/2/2017 5:27:00 PM
Endosulfan II	ND	1.2	2.9	U	µg/Kg-dry	1	10/2/2017 5:27:00 PM
Endosulfan sulfate	ND	1.2	2.9	U	µg/Kg-dry	1	10/2/2017 5:27:00 PM
Endrin	ND	1.2	2.9	U	µg/Kg-dry	1	10/2/2017 5:27:00 PM
gamma-BHC	ND	1.2	2.9	U	µg/Kg-dry	1	10/2/2017 5:27:00 PM
Heptachlor	ND	2.4	3.5	U	µg/Kg-dry	1	10/2/2017 5:27:00 PM
<b>PERCENT MOISTURE</b>							
Percent Moisture	16.1	0	1.00		wt%	1	9/27/2017 1:58:09 PM

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Original

**American Analytical Laboratories, LLC.**

Date: 10-Oct-17

**ELAP ID : 11418**

<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	CS-1-5 @ 0-2"
<b>Lab Order:</b>	1709132	<b>Collection Date:</b>	9/26/2017
<b>Project:</b>	Schmucklers, 358 North Avenue, New Rochelle,	<b>Matrix:</b>	SOIL
<b>Lab ID:</b>	1709132-011A		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>TOTAL METALS</b>			<b>SW6010C</b>		<b>SW3050B</b>		<b>Analyst: JP</b>
Arsenic	6.01	0.207	0.518		mg/Kg-dry	1	9/29/2017 1:17:43 PM
Barium	189	0.207	0.414		mg/Kg-dry	1	9/29/2017 1:17:43 PM
Beryllium	ND	0.104	0.414	U	mg/Kg-dry	1	9/29/2017 1:17:43 PM
Cadmium	0.713	0.104	0.414		mg/Kg-dry	1	9/29/2017 1:17:43 PM
Chromium	20.8	0.104	0.414		mg/Kg-dry	1	9/29/2017 1:17:43 PM
Copper	55.9	0.104	0.414		mg/Kg-dry	1	9/29/2017 1:17:43 PM
Lead	359	0.207	0.414		mg/Kg-dry	1	9/29/2017 1:17:43 PM
Manganese	265	0.104	0.414		mg/Kg-dry	1	9/29/2017 1:17:43 PM
Nickel	15.3	0.104	0.414		mg/Kg-dry	1	9/29/2017 1:17:43 PM
Selenium	0.218	0.207	0.518	J	mg/Kg-dry	1	9/29/2017 1:17:43 PM
Silver	0.966	0.104	0.414		mg/Kg-dry	1	9/29/2017 1:17:43 PM
Zinc	253	0.104	0.414		mg/Kg-dry	1	9/29/2017 1:17:43 PM
<b>SEMIVOLATILE SW-846 METHOD 8270</b>			<b>SW8270D</b>		<b>SW3546</b>		<b>Analyst: MH</b>
2-Methylphenol	ND	30	300	U	µg/Kg-dry	1	10/3/2017 11:35:00 AM
3+4-Methylphenol	ND	30	300	U	µg/Kg-dry	1	10/3/2017 11:35:00 AM
Acenaphthene	130	30	300	J	µg/Kg-dry	1	10/3/2017 11:35:00 AM
Acenaphthylene	97	30	300	J	µg/Kg-dry	1	10/3/2017 11:35:00 AM
Anthracene	340	30	300		µg/Kg-dry	1	10/3/2017 11:35:00 AM
Benzo(a)anthracene	1300	30	300		µg/Kg-dry	1	10/3/2017 11:35:00 AM
Benzo(a)pyrene	1100	30	180		µg/Kg-dry	1	10/3/2017 11:35:00 AM
Benzo(b)fluoranthene	1100	30	300		µg/Kg-dry	1	10/3/2017 11:35:00 AM
Benzo(g,h,i)perylene	740	30	300		µg/Kg-dry	1	10/3/2017 11:35:00 AM
Benzo(k)fluoranthene	1000	30	300		µg/Kg-dry	1	10/3/2017 11:35:00 AM
Chrysene	1400	30	300		µg/Kg-dry	1	10/3/2017 11:35:00 AM
Dibenzo(a,h)anthracene	210	30	180		µg/Kg-dry	1	10/3/2017 11:35:00 AM
Dibenzofuran	92	30	300	J	µg/Kg-dry	1	10/3/2017 11:35:00 AM
Fluoranthene	2700	30	300		µg/Kg-dry	1	10/3/2017 11:35:00 AM
Fluorene	130	30	300	J	µg/Kg-dry	1	10/3/2017 11:35:00 AM
Hexachlorobenzene	ND	30	300	U	µg/Kg-dry	1	10/3/2017 11:35:00 AM
Indeno(1,2,3-c,d)pyrene	800	30	300		µg/Kg-dry	1	10/3/2017 11:35:00 AM
Naphthalene	110	30	300	J	µg/Kg-dry	1	10/3/2017 11:35:00 AM
Pentachlorophenol	ND	59	590	U	µg/Kg-dry	1	10/3/2017 11:35:00 AM

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Original

**ELAP ID : 11418**

<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	CS-1-5 @ 0-2"
<b>Lab Order:</b>	1709132	<b>Collection Date:</b>	9/26/2017
<b>Project:</b>	Schmucklers, 358 North Avenue, New Rochelle,	<b>Matrix:</b>	SOIL
<b>Lab ID:</b>	1709132-011A		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>SEMIVOLATILE SW-846 METHOD 8270</b>			<b>SW8270D</b>		<b>SW3546</b>		Analyst: <b>MH</b>
Phenanthrene	1800	30	300		µg/Kg-dry	1	10/3/2017 11:35:00 AM
Phenol	ND	30	300	U	µg/Kg-dry	1	10/3/2017 11:35:00 AM
Pyrene	2300	30	300		µg/Kg-dry	1	10/3/2017 11:35:00 AM
<b>CYANIDE, TOTAL</b>			<b>SW9012B</b>		<b>SW9012B</b>		Analyst: <b>STP</b>
Cyanide, Total & Amenable: Auto Colorimetric	ND	0.0596	0.119	U	mg/Kg-dry	1	10/4/2017 11:05:13 AM
<b>TRIVALENT CHROMIUM</b>			<b>SW6010C</b>				Analyst: <b>JP</b>
Chromium, Trivalent	20.8	0.104	0.414		mg/Kg-dry	1	9/29/2017
<b>HEXAVALENT CHROMIUM</b>			<b>SW7196A</b>		<b>SW3060A</b>		Analyst: <b>JaP</b>
Chromium, Hexavalent	ND	0.297	0.594	U	mg/Kg-dry	1	9/28/2017 10:30:00 AM



**American Analytical Laboratories, LLC.**

Date: 10-Oct-17

ELAP ID : 11418

<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	CS-1-5 @ 2-12"
<b>Lab Order:</b>	1709132	<b>Collection Date:</b>	9/26/2017
<b>Project:</b>	Schmucklers, 358 North Avenue, New Rochelle,	<b>Matrix:</b>	SOIL
<b>Lab ID:</b>	1709132-012A		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>MERCURY</b>							
					<b>SW7471B</b>		<b>Analyst: JP</b>
Mercury	0.879	0.0257	0.0482	D	mg/Kg-dry	5	9/28/2017 9:48:25 AM
<b>HERBICIDES SW-846 8151</b>							
					<b>SW8151A</b>		<b>Analyst: SB</b>
2,4,5-TP	ND	1.2	3.6	U	µg/Kg-dry	1	10/5/2017 3:20:00 AM
<b>PCB'S AS AROCLORS SW-846 METHOD 8082</b>							
					<b>SW8082A</b>		<b>Analyst: SB</b>
Aroclor 1016	ND	12	24	U	µg/Kg-dry	1	9/30/2017 11:40:00 AM
Aroclor 1221	ND	12	24	U	µg/Kg-dry	1	9/30/2017 11:40:00 AM
Aroclor 1232	ND	12	24	U	µg/Kg-dry	1	9/30/2017 11:40:00 AM
Aroclor 1242	ND	12	24	U	µg/Kg-dry	1	9/30/2017 11:40:00 AM
Aroclor 1248	ND	12	24	U	µg/Kg-dry	1	9/30/2017 11:40:00 AM
Aroclor 1254	ND	12	24	U	µg/Kg-dry	1	9/30/2017 11:40:00 AM
Aroclor 1260	ND	12	24	U	µg/Kg-dry	1	9/30/2017 11:40:00 AM
Aroclor 1262	ND	12	24	U	µg/Kg-dry	1	9/30/2017 11:40:00 AM
Aroclor 1268	ND	12	24	U	µg/Kg-dry	1	9/30/2017 11:40:00 AM
<b>PESTICIDES SW-846 METHOD 8081</b>							
					<b>SW8081B</b>		<b>Analyst: SB</b>
4,4'-DDD	14	1.2	3.0	P	µg/Kg-dry	1	10/2/2017 5:45:00 PM
4,4'-DDE	22	1.2	3.0	P	µg/Kg-dry	1	10/2/2017 5:45:00 PM
4,4'-DDT	58	1.2	3.0		µg/Kg-dry	1	10/2/2017 5:45:00 PM
Aldrin	ND	1.2	3.0	U	µg/Kg-dry	1	10/2/2017 5:45:00 PM
alpha-BHC	ND	1.2	3.0	U	µg/Kg-dry	1	10/2/2017 5:45:00 PM
alpha-Chlordane	48	7.1	12		µg/Kg-dry	1	10/2/2017 5:45:00 PM
beta-BHC	ND	1.2	3.0	U	µg/Kg-dry	1	10/2/2017 5:45:00 PM
delta-BHC	ND	1.2	3.0	U	µg/Kg-dry	1	10/2/2017 5:45:00 PM
Dieldrin	8.5	1.2	3.0		µg/Kg-dry	1	10/2/2017 5:45:00 PM
Endosulfan I	ND	1.2	3.0	U	µg/Kg-dry	1	10/2/2017 5:45:00 PM
Endosulfan II	ND	1.2	3.0	U	µg/Kg-dry	1	10/2/2017 5:45:00 PM
Endosulfan sulfate	ND	1.2	3.0	U	µg/Kg-dry	1	10/2/2017 5:45:00 PM
Endrin	ND	1.2	3.0	U	µg/Kg-dry	1	10/2/2017 5:45:00 PM
gamma-BHC	ND	1.2	3.0	U	µg/Kg-dry	1	10/2/2017 5:45:00 PM
Heptachlor	ND	2.4	3.6	U	µg/Kg-dry	1	10/2/2017 5:45:00 PM
<b>PERCENT MOISTURE</b>							
					<b>D2216</b>		<b>Analyst: LA</b>
Percent Moisture	16.8	0	1.00		wt%	1	9/27/2017 1:58:09 PM

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Original

ELAP ID : 11418

CLIENT: WRS d.b.a Berninger Environmental Client Sample ID: CS-1-5 @ 2-12"  
 Lab Order: 1709132 Collection Date: 9/26/2017  
 Project: Schmucklers, 358 North Avenue, New Rochelle, Matrix: SOIL  
 Lab ID: 1709132-012A

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>TOTAL METALS</b>			<b>SW6010C</b>		<b>SW3050B</b>		Analyst: <b>JP</b>
Arsenic	7.64	0.217	0.542		mg/Kg-dry	1	9/29/2017 1:19:48 PM
Barium	360	0.217	0.434		mg/Kg-dry	1	9/29/2017 1:19:48 PM
Beryllium	ND	0.108	0.434	U	mg/Kg-dry	1	9/29/2017 1:19:48 PM
Cadmium	2.34	0.108	0.434		mg/Kg-dry	1	9/29/2017 1:19:48 PM
Chromium	26.3	0.108	0.434		mg/Kg-dry	1	9/29/2017 1:19:48 PM
Copper	91.6	0.108	0.434		mg/Kg-dry	1	9/29/2017 1:19:48 PM
Lead	1040	0.217	0.434		mg/Kg-dry	1	9/29/2017 1:19:48 PM
Manganese	326	0.108	0.434		mg/Kg-dry	1	9/29/2017 1:19:48 PM
Nickel	17.6	0.108	0.434		mg/Kg-dry	1	9/29/2017 1:19:48 PM
Selenium	0.513	0.217	0.542	J	mg/Kg-dry	1	9/29/2017 1:19:48 PM
Silver	0.760	0.108	0.434		mg/Kg-dry	1	9/29/2017 1:19:48 PM
Zinc	516	0.108	0.434		mg/Kg-dry	1	9/29/2017 1:19:48 PM
<b>SEMIVOLATILE SW-846 METHOD 8270</b>			<b>SW8270D</b>		<b>SW3546</b>		Analyst: <b>MH</b>
2-Methylphenol	ND	30	300	U	µg/Kg-dry	1	10/3/2017 12:00:00 PM
3+4-Methylphenol	ND	30	300	U	µg/Kg-dry	1	10/3/2017 12:00:00 PM
Acenaphthene	490	30	300		µg/Kg-dry	1	10/3/2017 12:00:00 PM
Acenaphthylene	160	30	300	J	µg/Kg-dry	1	10/3/2017 12:00:00 PM
Anthracene	1100	30	300		µg/Kg-dry	1	10/3/2017 12:00:00 PM
Benzo(a)anthracene	3300	30	300		µg/Kg-dry	1	10/3/2017 12:00:00 PM
Benzo(a)pyrene	2600	30	180		µg/Kg-dry	1	10/3/2017 12:00:00 PM
Benzo(b)fluoranthene	2600	30	300		µg/Kg-dry	1	10/3/2017 12:00:00 PM
Benzo(g,h,i)perylene	1600	30	300		µg/Kg-dry	1	10/3/2017 12:00:00 PM
Benzo(k)fluoranthene	2300	30	300		µg/Kg-dry	1	10/3/2017 12:00:00 PM
Chrysene	3400	30	300		µg/Kg-dry	1	10/3/2017 12:00:00 PM
Dibenzo(a,h)anthracene	500	30	180		µg/Kg-dry	1	10/3/2017 12:00:00 PM
Dibenzofuran	260	30	300	J	µg/Kg-dry	1	10/3/2017 12:00:00 PM
Fluoranthene	6300	300	3000	D	µg/Kg-dry	10	10/3/2017 1:43:00 PM
Fluorene	460	30	300		µg/Kg-dry	1	10/3/2017 12:00:00 PM
Hexachlorobenzene	ND	30	300	U	µg/Kg-dry	1	10/3/2017 12:00:00 PM
Indeno(1,2,3-c,d)pyrene	1800	30	300		µg/Kg-dry	1	10/3/2017 12:00:00 PM
Naphthalene	190	30	300	J	µg/Kg-dry	1	10/3/2017 12:00:00 PM
Pentachlorophenol	ND	60	600	U	µg/Kg-dry	1	10/3/2017 12:00:00 PM

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Original

**ELAP ID : 11418**

<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	CS-1-5 @ 2-12"
<b>Lab Order:</b>	1709132	<b>Collection Date:</b>	9/26/2017
<b>Project:</b>	Schmucklers, 358 North Avenue, New Rochelle,	<b>Matrix:</b>	SOIL
<b>Lab ID:</b>	1709132-012A		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>SEMIVOLATILE SW-846 METHOD 8270</b>			<b>SW8270D</b>		<b>SW3546</b>		Analyst: <b>MH</b>
Phenanthrene	5400	30	300		µg/Kg-dry	1	10/3/2017 12:00:00 PM
Phenol	ND	30	300	U	µg/Kg-dry	1	10/3/2017 12:00:00 PM
Pyrene	5900	300	3000	D	µg/Kg-dry	10	10/3/2017 1:43:00 PM
<b>CYANIDE, TOTAL</b>			<b>SW9012B</b>		<b>SW9012B</b>		Analyst: <b>STP</b>
Cyanide, Total & Amenable: Auto Colorimetric	0.273	0.0601	0.120		mg/Kg-dry	1	10/4/2017 11:06:03 AM
<b>TRIVALENT CHROMIUM</b>			<b>SW6010C</b>				Analyst: <b>JP</b>
Chromium, Trivalent	26.3	0.108	0.434		mg/Kg-dry	1	9/29/2017
<b>HEXAVALENT CHROMIUM</b>			<b>SW7196A</b>		<b>SW3060A</b>		Analyst: <b>JaP</b>
Chromium, Hexavalent	ND	0.293	0.587	U	mg/Kg-dry	1	9/28/2017 10:30:00 AM





**American Analytical Laboratories, LLC.**

Date: 10-Oct-17

**ELAP ID : 11418**

<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	CS-1-5 @ 12-24"
<b>Lab Order:</b>	1709132	<b>Collection Date:</b>	9/26/2017
<b>Project:</b>	Schmucklers, 358 North Avenue, New Rochelle,	<b>Matrix:</b>	SOIL
<b>Lab ID:</b>	1709132-013A		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>MERCURY</b>							
Mercury	2.33	0.0786	0.147	D	mg/Kg-dry	10	9/28/2017 9:56:59 AM
<b>HERBICIDES SW-846 8151</b>							
2,4,5-TP	ND	1.2	3.7	U	µg/Kg-dry	1	10/5/2017 4:18:00 AM
<b>PCB'S AS AROCLORS SW-846 METHOD 8082</b>							
Aroclor 1016	ND	12	24	U	µg/Kg-dry	1	9/30/2017 1:09:00 PM
Aroclor 1221	ND	12	24	U	µg/Kg-dry	1	9/30/2017 1:09:00 PM
Aroclor 1232	ND	12	24	U	µg/Kg-dry	1	9/30/2017 1:09:00 PM
Aroclor 1242	ND	12	24	U	µg/Kg-dry	1	9/30/2017 1:09:00 PM
Aroclor 1248	ND	12	24	U	µg/Kg-dry	1	9/30/2017 1:09:00 PM
Aroclor 1254	ND	12	24	U	µg/Kg-dry	1	9/30/2017 1:09:00 PM
Aroclor 1260	ND	12	24	U	µg/Kg-dry	1	9/30/2017 1:09:00 PM
Aroclor 1262	ND	12	24	U	µg/Kg-dry	1	9/30/2017 1:09:00 PM
Aroclor 1268	ND	12	24	U	µg/Kg-dry	1	9/30/2017 1:09:00 PM
<b>PESTICIDES SW-846 METHOD 8081</b>							
4,4'-DDD	15	1.2	3.0		µg/Kg-dry	1	10/2/2017 6:39:00 PM
4,4'-DDE	14	1.2	3.0	P	µg/Kg-dry	1	10/2/2017 6:39:00 PM
4,4'-DDT	22	1.2	3.0		µg/Kg-dry	1	10/2/2017 6:39:00 PM
Aldrin	ND	1.2	3.0	U	µg/Kg-dry	1	10/2/2017 6:39:00 PM
alpha-BHC	ND	1.2	3.0	U	µg/Kg-dry	1	10/2/2017 6:39:00 PM
alpha-Chlordane	31	7.3	12	P	µg/Kg-dry	1	10/2/2017 6:39:00 PM
beta-BHC	ND	1.2	3.0	U	µg/Kg-dry	1	10/2/2017 6:39:00 PM
delta-BHC	ND	1.2	3.0	U	µg/Kg-dry	1	10/2/2017 6:39:00 PM
Dieldrin	8.6	1.2	3.0		µg/Kg-dry	1	10/2/2017 6:39:00 PM
Endosulfan I	ND	1.2	3.0	U	µg/Kg-dry	1	10/2/2017 6:39:00 PM
Endosulfan II	ND	1.2	3.0	U	µg/Kg-dry	1	10/2/2017 6:39:00 PM
Endosulfan sulfate	ND	1.2	3.0	U	µg/Kg-dry	1	10/2/2017 6:39:00 PM
Endrin	ND	1.2	3.0	U	µg/Kg-dry	1	10/2/2017 6:39:00 PM
gamma-BHC	ND	1.2	3.0	U	µg/Kg-dry	1	10/2/2017 6:39:00 PM
Heptachlor	ND	2.4	3.6	U	µg/Kg-dry	1	10/2/2017 6:39:00 PM
<b>PERCENT MOISTURE</b>							
Percent Moisture	18.6	0	1.00		wt%	1	9/27/2017 1:58:09 PM

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Original

ELAP ID : 11418

CLIENT: WRS d.b.a Berninger Environmental Client Sample ID: CS-1-5 @ 12-24"  
 Lab Order: 1709132 Collection Date: 9/26/2017  
 Project: Schmucklers, 358 North Avenue, New Rochelle, Matrix: SOIL  
 Lab ID: 1709132-013A

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>TOTAL METALS</b>			<b>SW6010C</b>		<b>SW3050B</b>		Analyst: <b>JP</b>
Arsenic	7.81	0.233	0.581		mg/Kg-dry	1	9/29/2017 1:47:32 PM
Barium	246	0.233	0.465		mg/Kg-dry	1	9/29/2017 1:47:32 PM
Beryllium	ND	0.116	0.465	U	mg/Kg-dry	1	9/29/2017 1:47:32 PM
Cadmium	1.15	0.116	0.465		mg/Kg-dry	1	9/29/2017 1:47:32 PM
Chromium	23.8	0.116	0.465		mg/Kg-dry	1	9/29/2017 1:47:32 PM
Copper	62.3	0.116	0.465		mg/Kg-dry	1	9/29/2017 1:47:32 PM
Lead	558	0.233	0.465		mg/Kg-dry	1	9/29/2017 1:47:32 PM
Manganese	434	0.116	0.465		mg/Kg-dry	1	9/29/2017 1:47:32 PM
Nickel	18.5	0.116	0.465		mg/Kg-dry	1	9/29/2017 1:47:32 PM
Selenium	ND	0.233	0.581	U	mg/Kg-dry	1	9/29/2017 1:47:32 PM
Silver	1.06	0.116	0.465		mg/Kg-dry	1	9/29/2017 1:47:32 PM
Zinc	390	0.116	0.465		mg/Kg-dry	1	9/29/2017 1:47:32 PM
<b>SEMIVOLATILE SW-846 METHOD 8270</b>			<b>SW8270D</b>		<b>SW3546</b>		Analyst: <b>MH</b>
2-Methylphenol	ND	31	310	U	µg/Kg-dry	1	10/3/2017 1:18:00 PM
3+4-Methylphenol	ND	31	310	U	µg/Kg-dry	1	10/3/2017 1:18:00 PM
Acenaphthene	410	31	310		µg/Kg-dry	1	10/3/2017 1:18:00 PM
Acenaphthylene	190	31	310	J	µg/Kg-dry	1	10/3/2017 1:18:00 PM
Anthracene	980	31	310		µg/Kg-dry	1	10/3/2017 1:18:00 PM
Benzo(a)anthracene	3000	31	310		µg/Kg-dry	1	10/3/2017 1:18:00 PM
Benzo(a)pyrene	2500	31	180		µg/Kg-dry	1	10/3/2017 1:18:00 PM
Benzo(b)fluoranthene	2700	31	310		µg/Kg-dry	1	10/3/2017 1:18:00 PM
Benzo(g,h,i)perylene	1700	31	310		µg/Kg-dry	1	10/3/2017 1:18:00 PM
Benzo(k)fluoranthene	2100	31	310		µg/Kg-dry	1	10/3/2017 1:18:00 PM
Chrysene	3100	31	310		µg/Kg-dry	1	10/3/2017 1:18:00 PM
Dibenzo(a,h)anthracene	510	31	180		µg/Kg-dry	1	10/3/2017 1:18:00 PM
Dibenzofuran	290	31	310	J	µg/Kg-dry	1	10/3/2017 1:18:00 PM
Fluoranthene	5900	31	310		µg/Kg-dry	1	10/3/2017 1:18:00 PM
Fluorene	450	31	310		µg/Kg-dry	1	10/3/2017 1:18:00 PM
Hexachlorobenzene	ND	31	310	U	µg/Kg-dry	1	10/3/2017 1:18:00 PM
Indeno(1,2,3-c,d)pyrene	1800	31	310		µg/Kg-dry	1	10/3/2017 1:18:00 PM
Naphthalene	260	31	310	J	µg/Kg-dry	1	10/3/2017 1:18:00 PM
Pentachlorophenol	ND	61	610	U	µg/Kg-dry	1	10/3/2017 1:18:00 PM

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Original

**ELAP ID : 11418**

<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	CS-1-5 @ 12-24"
<b>Lab Order:</b>	1709132	<b>Collection Date:</b>	9/26/2017
<b>Project:</b>	Schmucklers, 358 North Avenue, New Rochelle,	<b>Matrix:</b>	SOIL
<b>Lab ID:</b>	1709132-013A		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>SEMIVOLATILE SW-846 METHOD 8270</b>			<b>SW8270D</b>		<b>SW3546</b>		Analyst: <b>MH</b>
Phenanthrene	4700	31	310		µg/Kg-dry	1	10/3/2017 1:18:00 PM
Phenol	ND	31	310	U	µg/Kg-dry	1	10/3/2017 1:18:00 PM
Pyrene	5300	31	310		µg/Kg-dry	1	10/3/2017 1:18:00 PM
<b>CYANIDE, TOTAL</b>			<b>SW9012B</b>		<b>SW9012B</b>		Analyst: <b>STP</b>
Cyanide, Total & Amenable: Auto Colorimetric	0.188	0.0614	0.123		mg/Kg-dry	1	10/4/2017 11:06:55 AM
<b>TRIVALENT CHROMIUM</b>			<b>SW6010C</b>				Analyst: <b>JP</b>
Chromium, Trivalent	23.8	0.116	0.465		mg/Kg-dry	1	9/29/2017
<b>HEXAVALENT CHROMIUM</b>			<b>SW7196A</b>		<b>SW3060A</b>		Analyst: <b>JaP</b>
Chromium, Hexavalent	ND	0.296	0.593	U	mg/Kg-dry	1	9/28/2017 10:30:00 AM



**American Analytical Laboratories, LLC.**

Date: 10-Oct-17

ELAP ID : 11418

<b>CLIENT:</b> WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b> Field Blank
<b>Lab Order:</b> 1709132	<b>Collection Date:</b> 9/26/2017 11:15:00 AM
<b>Project:</b> Schmucklers, 358 North Avenue, New Rochelle,	<b>Matrix:</b> LIQUID
<b>Lab ID:</b> 1709132-014A	

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOLATILE SW-846 METHOD 8260</b>			<b>SW8260C</b>		<b>SW5030C</b>		Analyst: LA
1,1,1,2-Tetrachloroethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
1,1,1-Trichloroethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
1,1,2,2-Tetrachloroethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
1,1,2-Trichloroethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
1,1-Dichloroethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
1,1-Dichloroethene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
1,1-Dichloropropene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
1,2,3-Trichlorobenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
1,2,3-Trichloropropane	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
1,2,4,5-Tetramethylbenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
1,2,4-Trichlorobenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
1,2,4-Trimethylbenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
1,2-Dibromo-3-chloropropane	ND	0.030	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
1,2-Dibromoethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
1,2-Dichlorobenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
1,2-Dichloroethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
1,2-Dichloropropane	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
1,3,5-Trimethylbenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
1,3-Dichlorobenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
1,3-dichloropropane	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
1,4-Dichlorobenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
1,4-Dioxane	ND	0.25	1.0	U	µg/L	1	9/27/2017 12:39:00 PM
2,2-Dichloropropane	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
2-Butanone	ND	0.50	4.0	U	µg/L	1	9/27/2017 12:39:00 PM
2-Chloroethyl vinyl ether	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
2-Chlorotoluene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
2-Hexanone	ND	0.50	4.0	U	µg/L	1	9/27/2017 12:39:00 PM
2-Propanol	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
4-Chlorotoluene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
4-Isopropyltoluene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
4-Methyl-2-pentanone	ND	0.50	4.0	U	µg/L	1	9/27/2017 12:39:00 PM
Acetone	ND	5.0	5.0	U	µg/L	1	9/27/2017 12:39:00 PM

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Original

**American Analytical Laboratories, LLC.**

Date: 10-Oct-17

ELAP ID : 11418

**CLIENT:** WRS d.b.a Berninger Environmental **Client Sample ID:** Field Blank  
**Lab Order:** 1709132 **Collection Date:** 9/26/2017 11:15:00 AM  
**Project:** Schmucklers, 358 North Avenue, New Rochelle, **Matrix:** LIQUID  
**Lab ID:** 1709132-014A

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOLATILE SW-846 METHOD 8260</b>			<b>SW8260C</b>	<b>SW5030C</b>	Analyst: LA		
Benzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Bromobenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Bromochloromethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Bromodichloromethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Bromoform	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Bromomethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Carbon disulfide	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Carbon tetrachloride	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Chlorobenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Chlorodifluoromethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Chloroethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Chloroform	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Chloromethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
cis-1,2-Dichloroethene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
cis-1,3-Dichloropropene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Cyclohexane	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Dibromochloromethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Dibromomethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Dichlorodifluoromethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Diisopropyl ether	ND	0.50	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Ethanol	ND	2.5	10	U	µg/L	1	9/27/2017 12:39:00 PM
Ethylbenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Freon-114	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Hexachlorobutadiene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Isopropylbenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
m,p-Xylene	ND	0.50	4.0	U	µg/L	1	9/27/2017 12:39:00 PM
Methyl Acetate	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Methyl tert-butyl ether	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Methylene chloride	7.1	5.0	5.0	B	µg/L	1	9/27/2017 12:39:00 PM
n-Butylbenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
n-Propylbenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Naphthalene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
o-Xylene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM

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Original

**American Analytical Laboratories, LLC.**

Date: 10-Oct-17

**ELAP ID : 11418**

<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	Field Blank
<b>Lab Order:</b>	1709132	<b>Collection Date:</b>	9/26/2017 11:15:00 AM
<b>Project:</b>	Schmucklers, 358 North Avenue, New Rochelle,	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1709132-014A		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOLATILE SW-846 METHOD 8260</b>			<b>SW8260C</b>	<b>SW5030C</b>			Analyst: LA
p-Diethylbenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
p-Ethyltoluene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
sec-Butylbenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Styrene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
t-Butyl alcohol	ND	2.5	10	U	µg/L	1	9/27/2017 12:39:00 PM
tert-Butylbenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Tetrachloroethene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Toluene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
trans-1,2-Dichloroethene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
trans-1,3-Dichloropropene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Trichloroethene	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Trichlorofluoromethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Vinyl acetate	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Vinyl chloride	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM
Xylenes, Total	ND	0.75	6.0	U	µg/L	1	9/27/2017 12:39:00 PM
Acrolein	ND	1.0	10	U	µg/L	1	9/27/2017 12:39:00 PM
Acrylonitrile	ND	0.25	2.0	U	µg/L	1	9/27/2017 12:39:00 PM

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Original

ELAP ID : 11418

<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	Field Blank
<b>Lab Order:</b>	1709132	<b>Collection Date:</b>	9/26/2017 11:15:00 AM
<b>Project:</b>	Schmucklers, 358 North Avenue, New Rochelle,	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1709132-014B		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>HERBICIDES BY METHOD SW-846 8151</b>			<b>SW8151A</b>	<b>SW8151A</b>			Analyst: <b>SB</b>
2,4,5-T	ND	0.026	0.053	U	µg/L	1	10/5/2017 11:17:00 PM
2,4,5-TP	ND	0.026	0.053	U	µg/L	1	10/5/2017 11:17:00 PM
2,4-D	ND	0.026	0.053	U	µg/L	1	10/5/2017 11:17:00 PM
Dicamba	ND	0.026	0.053	U	µg/L	1	10/5/2017 11:17:00 PM
<b>PCB'S AS AROCLORS SW-846 METHOD 8082</b>			<b>SW8082A</b>	<b>SW3510C</b>			Analyst: <b>SB</b>
Aroclor 1016	ND	0.050	0.10	U	µg/L	1	9/30/2017 8:11:00 AM
Aroclor 1221	ND	0.050	0.10	U	µg/L	1	9/30/2017 8:11:00 AM
Aroclor 1232	ND	0.050	0.10	U	µg/L	1	9/30/2017 8:11:00 AM
Aroclor 1242	ND	0.050	0.10	U	µg/L	1	9/30/2017 8:11:00 AM
Aroclor 1248	ND	0.050	0.10	U	µg/L	1	9/30/2017 8:11:00 AM
Aroclor 1254	ND	0.050	0.10	U	µg/L	1	9/30/2017 8:11:00 AM
Aroclor 1260	ND	0.050	0.10	U	µg/L	1	9/30/2017 8:11:00 AM
Aroclor 1262	ND	0.050	0.10	U	µg/L	1	9/30/2017 8:11:00 AM
Aroclor 1268	ND	0.050	0.10	U	µg/L	1	9/30/2017 8:11:00 AM
<b>PESTICIDES SW-846 METHOD 8081</b>			<b>SW8081B</b>	<b>SW3510C</b>			Analyst: <b>SB</b>
4,4'-DDD	ND	0.010	0.050	U	µg/L	1	9/29/2017 1:47:00 PM
4,4'-DDE	ND	0.010	0.050	U	µg/L	1	9/29/2017 1:47:00 PM
4,4'-DDT	ND	0.010	0.050	U	µg/L	1	9/29/2017 1:47:00 PM
Aldrin	ND	0.010	0.050	U	µg/L	1	9/29/2017 1:47:00 PM
alpha-BHC	ND	0.010	0.050	U	µg/L	1	9/29/2017 1:47:00 PM
alpha-Chlordane	ND	0.020	0.10	U	µg/L	1	9/29/2017 1:47:00 PM
beta-BHC	ND	0.010	0.050	U	µg/L	1	9/29/2017 1:47:00 PM
Chlorobenzilate	ND	0.010	0.050	U	µg/L	1	9/29/2017 1:47:00 PM
DBCP	ND	0.010	0.050	U	µg/L	1	9/29/2017 1:47:00 PM
delta-BHC	ND	0.010	0.050	U	µg/L	1	9/29/2017 1:47:00 PM
Dieldrin	ND	0.010	0.050	U	µg/L	1	9/29/2017 1:47:00 PM
Endosulfan I	ND	0.010	0.050	U	µg/L	1	9/29/2017 1:47:00 PM
Endosulfan II	ND	0.010	0.050	U	µg/L	1	9/29/2017 1:47:00 PM
Endosulfan sulfate	ND	0.010	0.050	U	µg/L	1	9/29/2017 1:47:00 PM
Endrin	ND	0.010	0.050	U	µg/L	1	9/29/2017 1:47:00 PM
Endrin aldehyde	ND	0.010	0.050	U	µg/L	1	9/29/2017 1:47:00 PM
Endrin ketone	ND	0.010	0.050	U	µg/L	1	9/29/2017 1:47:00 PM

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Original

ELAP ID : 11418

**CLIENT:** WRS d.b.a Berninger Environmental **Client Sample ID:** Field Blank  
**Lab Order:** 1709132 **Collection Date:** 9/26/2017 11:15:00 AM  
**Project:** Schmucklers, 358 North Avenue, New Rochelle, **Matrix:** LIQUID  
**Lab ID:** 1709132-014B

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>PESTICIDES SW-846 METHOD 8081</b>							
			<b>SW8081B</b>		<b>SW3510C</b>		Analyst: <b>SB</b>
gamma-BHC	ND	0.010	0.050	U	µg/L	1	9/29/2017 1:47:00 PM
gamma-Chlordane	ND	0.020	0.10	U	µg/L	1	9/29/2017 1:47:00 PM
Heptachlor	ND	0.010	0.050	U	µg/L	1	9/29/2017 1:47:00 PM
Heptachlor epoxide	ND	0.010	0.050	U	µg/L	1	9/29/2017 1:47:00 PM
Hexachlorobenzene	ND	0.010	0.050	U	µg/L	1	9/29/2017 1:47:00 PM
Hexachlorocyclopentadiene	ND	0.030	0.050	U	µg/L	1	9/29/2017 1:47:00 PM
Methoxychlor	ND	0.010	0.050	U	µg/L	1	9/29/2017 1:47:00 PM
Toxaphene	ND	0.060	0.25	U	µg/L	1	9/29/2017 1:47:00 PM
<b>SEMIVOLATILE SW-846 METHOD 8270</b>							
			<b>SW8270D</b>		<b>SW3510C</b>		Analyst: <b>SB</b>
Biphenyl	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
1,2,4-Trichlorobenzene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
1,2-Dichlorobenzene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
1,3-Dichlorobenzene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
1,4-Dichlorobenzene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
2,4,5-Trichlorophenol	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
2,4,6-Trichlorophenol	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
2,4-Dichlorophenol	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
2,4-Dimethylphenol	ND	1.0	10	U	µg/L	1	10/5/2017 1:10:00 PM
2,4-Dinitrophenol	ND	1.0	10	U	µg/L	1	10/5/2017 1:10:00 PM
2,4-Dinitrotoluene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
2,6-Dinitrotoluene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
2-Chloronaphthalene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
2-Chlorophenol	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
2-Methylnaphthalene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
2-Methylphenol	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
2-Nitroaniline	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
2-Nitrophenol	ND	1.0	10	U	µg/L	1	10/5/2017 1:10:00 PM
3+4-Methylphenol	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
3,3'-Dichlorobenzidine	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
3-Nitroaniline	ND	1.0	10	U	µg/L	1	10/5/2017 1:10:00 PM
4,6-Dinitro-2-methylphenol	ND	1.0	10	U	µg/L	1	10/5/2017 1:10:00 PM
4-Bromophenyl phenyl ether	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM

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Original



ELAP ID : 11418

**CLIENT:** WRS d.b.a Berninger Environmental **Client Sample ID:** Field Blank  
**Lab Order:** 1709132 **Collection Date:** 9/26/2017 11:15:00 AM  
**Project:** Schmucklers, 358 North Avenue, New Rochelle, **Matrix:** LIQUID  
**Lab ID:** 1709132-014B

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>SEMIVOLATILE SW-846 METHOD 8270</b>							
			<b>SW8270D</b>				<b>Analyst: SB</b>
			<b>SW3510C</b>				
4-Chloro-3-methylphenol	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
4-Chloroaniline	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
4-Chlorophenyl phenyl ether	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
4-Nitroaniline	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
4-Nitrophenol	ND	1.0	10	U	µg/L	1	10/5/2017 1:10:00 PM
Acenaphthene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Acenaphthylene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Acetophenone	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Aniline	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Anthracene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Atrazine	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Azobenzene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Benzaldehyde	ND	1.0	10	U	µg/L	1	10/5/2017 1:10:00 PM
Benzydine	ND	1.0	10	U	µg/L	1	10/5/2017 1:10:00 PM
Benzo(a)anthracene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Benzo(a)pyrene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Benzo(b)fluoranthene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Benzo(g,h,i)perylene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Benzo(k)fluoranthene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Benzoic acid	ND	1.0	10	U	µg/L	1	10/5/2017 1:10:00 PM
Benzyl alcohol	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Bis(2-chloroethoxy)methane	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Bis(2-chloroethyl)ether	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Bis(2-chloroisopropyl)ether	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Bis(2-ethylhexyl)phthalate	ND	1.0	10	U	µg/L	1	10/5/2017 1:10:00 PM
Butyl benzyl phthalate	ND	1.0	10	U	µg/L	1	10/5/2017 1:10:00 PM
Caprolactam	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Carbazole	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Chrysene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Di-n-butyl phthalate	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Di-n-octyl phthalate	1.6	0.50	5.0	J	µg/L	1	10/5/2017 1:10:00 PM
Dibenzo(a,h)anthracene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Dibenzofuran	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM

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Original

**American Analytical Laboratories, LLC.**

Date: 10-Oct-17

ELAP ID : 11418

<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	Field Blank
<b>Lab Order:</b>	1709132	<b>Collection Date:</b>	9/26/2017 11:15:00 AM
<b>Project:</b>	Schmucklers, 358 North Avenue, New Rochelle,	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1709132-014B		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>SEMIVOLATILE SW-846 METHOD 8270</b>			<b>SW8270D</b>		<b>SW3510C</b>		Analyst: <b>SB</b>
Diethyl phthalate	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Dimethyl phthalate	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Fluoranthene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Fluorene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Hexachlorobenzene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Hexachlorobutadiene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Hexachlorocyclopentadiene	ND	1.0	10	U	µg/L	1	10/5/2017 1:10:00 PM
Hexachloroethane	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Indeno(1,2,3-c,d)pyrene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Isophorone	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
N-Nitrosodi-n-propylamine	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
N-Nitrosodimethylamine	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
N-Nitrosodiphenylamine	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Naphthalene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Nitrobenzene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Parathion	ND	1.0	10	U	µg/L	1	10/5/2017 1:10:00 PM
Pentachlorophenol	ND	1.0	10	U	µg/L	1	10/5/2017 1:10:00 PM
Phenanthrene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Phenol	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Pyrene	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM
Pyridine	ND	0.50	5.0	U	µg/L	1	10/5/2017 1:10:00 PM

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Original

**ELAP ID : 11418**

<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	Field Blank
<b>Lab Order:</b>	1709132	<b>Collection Date:</b>	9/26/2017 11:15:00 AM
<b>Project:</b>	Schmucklers, 358 North Avenue, New Rochelle,	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1709132-014C		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>MERCURY</b>			<b>E245.1 REV3.0</b>	<b>E245.1 REV3.0</b>			Analyst: <b>JP</b>
Mercury	ND	0.000150	0.000300	U	mg/L	1	9/28/2017 9:17:51 AM
<b>TOTAL METALS</b>			<b>E200.7 REV4.4</b>	<b>E200.7 REV4.4</b>			Analyst: <b>JP</b>
Arsenic	ND	0.0100	0.0250	U	mg/L	1	9/29/2017 1:04:58 PM
Barium	0.0115	0.00500	0.0200	J	mg/L	1	9/29/2017 1:04:58 PM
Beryllium	ND	0.00500	0.0200	U	mg/L	1	9/29/2017 1:04:58 PM
Cadmium	ND	0.00500	0.0100	U	mg/L	1	9/29/2017 1:04:58 PM
Chromium	ND	0.00500	0.0200	U	mg/L	1	9/29/2017 1:04:58 PM
Copper	0.00474	0.00500	0.0200	J	mg/L	1	9/29/2017 1:04:58 PM
Lead	ND	0.00500	0.0150	U	mg/L	1	9/29/2017 1:04:58 PM
Manganese	0.00918	0.00500	0.0200	J	mg/L	1	9/29/2017 1:04:58 PM
Nickel	0.00305	0.00500	0.0200	J	mg/L	1	9/29/2017 1:04:58 PM
Selenium	ND	0.0100	0.0250	U	mg/L	1	9/29/2017 1:04:58 PM
Silver	ND	0.00500	0.0200	U	mg/L	1	9/29/2017 1:04:58 PM
Zinc	0.0471	0.00500	0.0200		mg/L	1	9/29/2017 1:04:58 PM



**American Analytical Laboratories, LLC.**

**Date:** 10-Oct-17

**ELAP ID : 11418**

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<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	Field Blank
<b>Lab Order:</b>	1709132	<b>Collection Date:</b>	9/26/2017 11:15:00 AM
<b>Project:</b>	Schmucklers, 358 North Avenue, New Rochelle,	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1709132-014D		

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**Certificate of Results**

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<b>Analyses</b>	<b>Sample Result</b>	<b>LOD</b>	<b>LOQ</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date/Time Analyzed</b>
<b>CYANIDE, TOTAL</b>			<b>E335.4 REV1.0</b>		<b>E335.4</b>		Analyst: <b>STP</b>
Cyanide, Total & Amenable: Auto Colorimetric	ND	0.00500	0.0100	U	mg/L	1	10/4/2017 11:09:28 AM

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Original

**American Analytical Laboratories, LLC.**

**Date:** 10-Oct-17

**ELAP ID : 11418**

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<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	Field Blank
<b>Lab Order:</b>	1709132	<b>Collection Date:</b>	9/26/2017 11:15:00 AM
<b>Project:</b>	Schmucklers, 358 North Avenue, New Rochelle,	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1709132-014E		

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**Certificate of Results**

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<b>Analyses</b>	<b>Sample Result</b>	<b>LOD</b>	<b>LOQ</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date/Time Analyzed</b>
<b>TRIVALENT CHROMIUM</b>							
Chromium, Trivalent	ND	0.00500	0.0200	U	mg/L	1	9/29/2017
							Analyst: <b>JP</b>
<b>HEXAVALENT CHROMIUM</b>							
Chromium, Hexavalent	ND	2.50	10.0	U	µg/L	1	9/27/2017 9:00:00 AM
							Analyst: <b>JaP</b>

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Original

ELAP ID : 11418

CLIENT: WRS d.b.a Berninger Environmental Client Sample ID: Trip Blank  
 Lab Order: 1709132 Collection Date: 9/26/2017  
 Project: Schmucklers, 358 North Avenue, New Rochelle, Matrix: LIQUID  
 Lab ID: 1709132-015A

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOLATILE SW-846 METHOD 8260</b>			<b>SW8260C</b>		<b>SW5030C</b>		Analyst: LA
1,1,1,2-Tetrachloroethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
1,1,1-Trichloroethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
1,1,2,2-Tetrachloroethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
1,1,2-Trichloroethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
1,1-Dichloroethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
1,1-Dichloroethene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
1,1-Dichloropropene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
1,2,3-Trichlorobenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
1,2,3-Trichloropropane	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
1,2,4,5-Tetramethylbenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
1,2,4-Trichlorobenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
1,2,4-Trimethylbenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
1,2-Dibromo-3-chloropropane	ND	0.030	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
1,2-Dibromoethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
1,2-Dichlorobenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
1,2-Dichloroethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
1,2-Dichloropropane	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
1,3,5-Trimethylbenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
1,3-Dichlorobenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
1,3-dichloropropane	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
1,4-Dichlorobenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
1,4-Dioxane	ND	0.25	1.0	U	µg/L	1	9/27/2017 1:09:00 PM
2,2-Dichloropropane	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
2-Butanone	ND	0.50	4.0	U	µg/L	1	9/27/2017 1:09:00 PM
2-Chloroethyl vinyl ether	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
2-Chlorotoluene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
2-Hexanone	ND	0.50	4.0	U	µg/L	1	9/27/2017 1:09:00 PM
2-Propanol	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
4-Chlorotoluene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
4-Isopropyltoluene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
4-Methyl-2-pentanone	ND	0.50	4.0	U	µg/L	1	9/27/2017 1:09:00 PM
Acetone	ND	5.0	5.0	U	µg/L	1	9/27/2017 1:09:00 PM

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Original

**ELAP ID : 11418**

<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	Trip Blank
<b>Lab Order:</b>	1709132	<b>Collection Date:</b>	9/26/2017
<b>Project:</b>	Schmucklers, 358 North Avenue, New Rochelle,	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1709132-015A		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOLATILE SW-846 METHOD 8260</b>			<b>SW8260C</b>		<b>SW5030C</b>		Analyst: LA
Benzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Bromobenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Bromochloromethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Bromodichloromethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Bromoform	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Bromomethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Carbon disulfide	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Carbon tetrachloride	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Chlorobenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Chlorodifluoromethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Chloroethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Chloroform	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Chloromethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
cis-1,2-Dichloroethene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
cis-1,3-Dichloropropene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Cyclohexane	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Dibromochloromethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Dibromomethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Dichlorodifluoromethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Diisopropyl ether	ND	0.50	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Ethanol	ND	2.5	10	U	µg/L	1	9/27/2017 1:09:00 PM
Ethylbenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Freon-114	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Hexachlorobutadiene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Isopropylbenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
m,p-Xylene	ND	0.50	4.0	U	µg/L	1	9/27/2017 1:09:00 PM
Methyl Acetate	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Methyl tert-butyl ether	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Methylene chloride	ND	5.0	5.0	U	µg/L	1	9/27/2017 1:09:00 PM
n-Butylbenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
n-Propylbenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Naphthalene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
o-Xylene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 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



Original

**ELAP ID :** 11418

<b>CLIENT:</b>	WRS d.b.a Berninger Environmental	<b>Client Sample ID:</b>	Trip Blank
<b>Lab Order:</b>	1709132	<b>Collection Date:</b>	9/26/2017
<b>Project:</b>	Schmucklers, 358 North Avenue, New Rochelle,	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1709132-015A		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOLATILE SW-846 METHOD 8260</b>			<b>SW8260C</b>		<b>SW5030C</b>		Analyst: LA
p-Diethylbenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
p-Ethyltoluene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
sec-Butylbenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Styrene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
t-Butyl alcohol	ND	2.5	10	U	µg/L	1	9/27/2017 1:09:00 PM
tert-Butylbenzene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Tetrachloroethene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Toluene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
trans-1,2-Dichloroethene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
trans-1,3-Dichloropropene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Trichloroethene	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Trichlorofluoromethane	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Vinyl acetate	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Vinyl chloride	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM
Xylenes, Total	ND	0.75	6.0	U	µg/L	1	9/27/2017 1:09:00 PM
Acrolein	ND	1.0	10	U	µg/L	1	9/27/2017 1:09:00 PM
Acrylonitrile	ND	0.25	2.0	U	µg/L	1	9/27/2017 1:09:00 PM





Attachment-B  
CAMP Data (PID and particulate)

Particulate Data

pDR-1000 S/N: 00000

Tag Number: 13

Number of logged points: 299

Start time and date: 07:32:58 26-Sep

Elapsed time: 04:59:00

Logging period (sec): 60

Calibration Factor (%): 100

Max Display Concentration: 0.076 mg/m<sup>3</sup>

Time at maximum: 08:11:11 Sep 26

Max STEL Concentration: 0.001 mg/m<sup>3</sup>

Time at max STEL: 08:18:29 Sep 26

Overall Avg Conc: 0.000 mg/m<sup>3</sup>

Logged Data:

Point	Date	Time	Avg. (mg/m <sup>3</sup> )
1,	26 Sep,	07:33:58,	0.000
2,	26 Sep,	07:34:58,	0.008
3,	26 Sep,	07:35:58,	0.000
4,	26 Sep,	07:36:58,	0.000
5,	26 Sep,	07:37:58,	0.000
6,	26 Sep,	07:38:58,	0.001
7,	26 Sep,	07:39:58,	0.000
8,	26 Sep,	07:40:58,	0.000
9,	26 Sep,	07:41:58,	0.009
10,	26 Sep,	07:42:58,	0.001
11,	26 Sep,	07:43:58,	0.001
12,	26 Sep,	07:44:58,	0.002
13,	26 Sep,	07:45:58,	0.002
14,	26 Sep,	07:46:58,	0.001
15,	26 Sep,	07:47:58,	0.000
16,	26 Sep,	07:48:58,	0.000
17,	26 Sep,	07:49:58,	0.000
18,	26 Sep,	07:50:58,	0.001
19,	26 Sep,	07:51:58,	0.004
20,	26 Sep,	07:52:58,	0.005
21,	26 Sep,	07:53:58,	0.000
22,	26 Sep,	07:54:58,	0.001
23,	26 Sep,	07:55:58,	0.000
24,	26 Sep,	07:56:58,	0.000
25,	26 Sep,	07:57:58,	0.000
26,	26 Sep,	07:58:58,	0.000
27,	26 Sep,	07:59:58,	0.000
28,	26 Sep,	08:00:58,	0.000
29,	26 Sep,	08:01:58,	0.001
30,	26 Sep,	08:02:58,	0.000
31,	26 Sep,	08:03:58,	0.000
32,	26 Sep,	08:04:58,	0.005
33,	26 Sep,	08:05:58,	0.000
34,	26 Sep,	08:06:58,	0.002
35,	26 Sep,	08:07:58,	0.002
36,	26 Sep,	08:08:58,	0.002
37,	26 Sep,	08:09:58,	0.001
38,	26 Sep,	08:10:58,	0.001
39,	26 Sep,	08:11:58,	0.013
40,	26 Sep,	08:12:58,	0.001
41,	26 Sep,	08:13:58,	0.001
42,	26 Sep,	08:14:58,	0.000
43,	26 Sep,	08:15:58,	0.006
44,	26 Sep,	08:16:58,	0.000
45,	26 Sep,	08:17:58,	0.001
46,	26 Sep,	08:18:58,	0.009
47,	26 Sep,	08:19:58,	0.002
48,	26 Sep,	08:20:58,	0.002
49,	26 Sep,	08:21:58,	0.002
50,	26 Sep,	08:22:58,	0.002
51,	26 Sep,	08:23:58,	0.000
52,	26 Sep,	08:24:58,	0.001
53,	26 Sep,	08:25:58,	0.000
54,	26 Sep,	08:26:58,	0.003
55,	26 Sep,	08:27:58,	0.000
56,	26 Sep,	08:28:58,	0.000
57,	26 Sep,	08:29:58,	0.000

58,	26 Sep,	08:30:58,	0.001
59,	26 Sep,	08:31:58,	0.000
60,	26 Sep,	08:32:58,	0.001
61,	26 Sep,	08:33:58,	0.000
62,	26 Sep,	08:34:58,	0.000
63,	26 Sep,	08:35:58,	0.000
64,	26 Sep,	08:36:58,	0.001
65,	26 Sep,	08:37:58,	0.000
66,	26 Sep,	08:38:58,	0.001
67,	26 Sep,	08:39:58,	0.002
68,	26 Sep,	08:40:58,	0.001
69,	26 Sep,	08:41:58,	0.002
70,	26 Sep,	08:42:58,	0.000
71,	26 Sep,	08:43:58,	0.000
72,	26 Sep,	08:44:58,	0.000
73,	26 Sep,	08:45:58,	0.000
74,	26 Sep,	08:46:58,	0.001
75,	26 Sep,	08:47:58,	0.001
76,	26 Sep,	08:48:58,	0.003
77,	26 Sep,	08:49:58,	0.000
78,	26 Sep,	08:50:58,	0.001
79,	26 Sep,	08:51:58,	0.000
80,	26 Sep,	08:52:58,	0.000
81,	26 Sep,	08:53:58,	0.001
82,	26 Sep,	08:54:58,	0.000
83,	26 Sep,	08:55:58,	0.000
84,	26 Sep,	08:56:58,	0.000
85,	26 Sep,	08:57:58,	0.000
86,	26 Sep,	08:58:58,	0.001
87,	26 Sep,	08:59:58,	0.005
88,	26 Sep,	09:00:58,	0.006
89,	26 Sep,	09:01:58,	0.000
90,	26 Sep,	09:02:58,	0.003
91,	26 Sep,	09:03:58,	0.000
92,	26 Sep,	09:04:58,	0.000
93,	26 Sep,	09:05:58,	0.001
94,	26 Sep,	09:06:58,	0.000
95,	26 Sep,	09:07:58,	0.000
96,	26 Sep,	09:08:58,	0.000
97,	26 Sep,	09:09:58,	0.001
98,	26 Sep,	09:10:58,	0.000
99,	26 Sep,	09:11:58,	0.001
100,	26 Sep,	09:12:58,	0.000
101,	26 Sep,	09:13:58,	0.000
102,	26 Sep,	09:14:58,	0.000
103,	26 Sep,	09:15:58,	0.000
104,	26 Sep,	09:16:58,	0.000
105,	26 Sep,	09:17:58,	0.000
106,	26 Sep,	09:18:58,	0.000
107,	26 Sep,	09:19:58,	0.000
108,	26 Sep,	09:20:58,	0.000
109,	26 Sep,	09:21:58,	0.001
110,	26 Sep,	09:22:58,	0.000
111,	26 Sep,	09:23:58,	0.000
112,	26 Sep,	09:24:58,	0.000
113,	26 Sep,	09:25:58,	0.000
114,	26 Sep,	09:26:58,	0.000
115,	26 Sep,	09:27:58,	0.000
116,	26 Sep,	09:28:58,	0.000
117,	26 Sep,	09:29:58,	0.000
118,	26 Sep,	09:30:58,	0.000
119,	26 Sep,	09:31:58,	0.000
120,	26 Sep,	09:32:58,	0.000
121,	26 Sep,	09:33:58,	0.000
122,	26 Sep,	09:34:58,	0.000
123,	26 Sep,	09:35:58,	0.000
124,	26 Sep,	09:36:58,	0.001
125,	26 Sep,	09:37:58,	0.000
126,	26 Sep,	09:38:58,	0.000
127,	26 Sep,	09:39:58,	0.000
128,	26 Sep,	09:40:58,	0.001

129,	26 Sep,	09:41:58,	0.000
130,	26 Sep,	09:42:58,	0.000
131,	26 Sep,	09:43:58,	0.000
132,	26 Sep,	09:44:58,	0.000
133,	26 Sep,	09:45:58,	0.000
134,	26 Sep,	09:46:58,	0.000
135,	26 Sep,	09:47:58,	0.000
136,	26 Sep,	09:48:58,	0.000
137,	26 Sep,	09:49:58,	0.000
138,	26 Sep,	09:50:58,	0.001
139,	26 Sep,	09:51:58,	0.000
140,	26 Sep,	09:52:58,	0.000
141,	26 Sep,	09:53:58,	0.000
142,	26 Sep,	09:54:58,	0.000
143,	26 Sep,	09:55:58,	0.000
144,	26 Sep,	09:56:58,	0.000
145,	26 Sep,	09:57:58,	0.000
146,	26 Sep,	09:58:58,	0.000
147,	26 Sep,	09:59:58,	0.000
148,	26 Sep,	10:00:58,	0.000
149,	26 Sep,	10:01:58,	0.001
150,	26 Sep,	10:02:58,	0.000
151,	26 Sep,	10:03:58,	0.000
152,	26 Sep,	10:04:58,	0.001
153,	26 Sep,	10:05:58,	0.000
154,	26 Sep,	10:06:58,	0.000
155,	26 Sep,	10:07:58,	0.000
156,	26 Sep,	10:08:58,	0.000
157,	26 Sep,	10:09:58,	0.000
158,	26 Sep,	10:10:58,	0.000
159,	26 Sep,	10:11:58,	0.000
160,	26 Sep,	10:12:58,	0.000
161,	26 Sep,	10:13:58,	0.000
162,	26 Sep,	10:14:58,	0.000
163,	26 Sep,	10:15:58,	0.000
164,	26 Sep,	10:16:58,	0.000
165,	26 Sep,	10:17:58,	0.000
166,	26 Sep,	10:18:58,	0.000
167,	26 Sep,	10:19:58,	0.000
168,	26 Sep,	10:20:58,	0.000
169,	26 Sep,	10:21:58,	0.000
170,	26 Sep,	10:22:58,	0.000
171,	26 Sep,	10:23:58,	0.000
172,	26 Sep,	10:24:58,	0.002
173,	26 Sep,	10:25:58,	0.000
174,	26 Sep,	10:26:58,	0.000
175,	26 Sep,	10:27:58,	0.000
176,	26 Sep,	10:28:58,	0.000
177,	26 Sep,	10:29:58,	0.000
178,	26 Sep,	10:30:58,	0.000
179,	26 Sep,	10:31:58,	0.000
180,	26 Sep,	10:32:58,	0.000
181,	26 Sep,	10:33:58,	0.000
182,	26 Sep,	10:34:58,	0.000
183,	26 Sep,	10:35:58,	0.000
184,	26 Sep,	10:36:58,	0.000
185,	26 Sep,	10:37:58,	0.003
186,	26 Sep,	10:38:58,	0.000
187,	26 Sep,	10:39:58,	0.000
188,	26 Sep,	10:40:58,	0.000
189,	26 Sep,	10:41:58,	0.000
190,	26 Sep,	10:42:58,	0.000
191,	26 Sep,	10:43:58,	0.000
192,	26 Sep,	10:44:58,	0.001
193,	26 Sep,	10:45:58,	0.005
194,	26 Sep,	10:46:58,	0.000
195,	26 Sep,	10:47:58,	0.000
196,	26 Sep,	10:48:58,	0.000
197,	26 Sep,	10:49:58,	0.000
198,	26 Sep,	10:50:58,	0.000
199,	26 Sep,	10:51:58,	0.000

200,	26 Sep,	10:52:58,	0.000
201,	26 Sep,	10:53:58,	0.000
202,	26 Sep,	10:54:58,	0.000
203,	26 Sep,	10:55:58,	0.000
204,	26 Sep,	10:56:58,	0.000
205,	26 Sep,	10:57:58,	0.000
206,	26 Sep,	10:58:58,	0.001
207,	26 Sep,	10:59:58,	0.000
208,	26 Sep,	11:00:58,	0.000
209,	26 Sep,	11:01:58,	0.000
210,	26 Sep,	11:02:58,	0.000
211,	26 Sep,	11:03:58,	0.000
212,	26 Sep,	11:04:58,	0.000
213,	26 Sep,	11:05:58,	0.000
214,	26 Sep,	11:06:58,	0.000
215,	26 Sep,	11:07:58,	0.000
216,	26 Sep,	11:08:58,	0.000
217,	26 Sep,	11:09:58,	0.000
218,	26 Sep,	11:10:58,	0.000
219,	26 Sep,	11:11:58,	0.000
220,	26 Sep,	11:12:58,	0.000
221,	26 Sep,	11:13:58,	0.000
222,	26 Sep,	11:14:58,	0.000
223,	26 Sep,	11:15:58,	0.000
224,	26 Sep,	11:16:58,	0.000
225,	26 Sep,	11:17:58,	0.000
226,	26 Sep,	11:18:58,	0.000
227,	26 Sep,	11:19:58,	0.008
228,	26 Sep,	11:20:58,	0.000
229,	26 Sep,	11:21:58,	0.002
230,	26 Sep,	11:22:58,	0.000
231,	26 Sep,	11:23:58,	0.000
232,	26 Sep,	11:24:58,	0.001
233,	26 Sep,	11:25:58,	0.004
234,	26 Sep,	11:26:58,	0.001
235,	26 Sep,	11:27:58,	0.000
236,	26 Sep,	11:28:58,	0.000
237,	26 Sep,	11:29:58,	0.000
238,	26 Sep,	11:30:58,	0.001
239,	26 Sep,	11:31:58,	0.000
240,	26 Sep,	11:32:58,	0.000
241,	26 Sep,	11:33:58,	0.000
242,	26 Sep,	11:34:58,	0.005
243,	26 Sep,	11:35:58,	0.000
244,	26 Sep,	11:36:58,	0.000
245,	26 Sep,	11:37:58,	0.002
246,	26 Sep,	11:38:58,	0.000
247,	26 Sep,	11:39:58,	0.000
248,	26 Sep,	11:40:58,	0.000
249,	26 Sep,	11:41:58,	0.000
250,	26 Sep,	11:42:58,	0.000
251,	26 Sep,	11:43:58,	0.003
252,	26 Sep,	11:44:58,	0.001
253,	26 Sep,	11:45:58,	0.003
254,	26 Sep,	11:46:58,	0.006
255,	26 Sep,	11:47:58,	0.000
256,	26 Sep,	11:48:58,	0.000
257,	26 Sep,	11:49:58,	0.001
258,	26 Sep,	11:50:58,	0.001
259,	26 Sep,	11:51:58,	0.000
260,	26 Sep,	11:52:58,	0.000
261,	26 Sep,	11:53:58,	0.000
262,	26 Sep,	11:54:58,	0.000
263,	26 Sep,	11:55:58,	0.000
264,	26 Sep,	11:56:58,	0.001
265,	26 Sep,	11:57:58,	0.000
266,	26 Sep,	11:58:58,	0.000
267,	26 Sep,	11:59:58,	0.001
268,	26 Sep,	12:00:58,	0.000
269,	26 Sep,	12:01:58,	0.000
270,	26 Sep,	12:02:58,	0.000

271,	26	Sep,	12:03:58,	0.000
272,	26	Sep,	12:04:58,	0.000
273,	26	Sep,	12:05:58,	0.001
274,	26	Sep,	12:06:58,	0.001
275,	26	Sep,	12:07:58,	0.001
276,	26	Sep,	12:08:58,	0.000
277,	26	Sep,	12:09:58,	0.000
278,	26	Sep,	12:10:58,	0.003
279,	26	Sep,	12:11:58,	0.000
280,	26	Sep,	12:12:58,	0.007
281,	26	Sep,	12:13:58,	0.001
282,	26	Sep,	12:14:58,	0.000
283,	26	Sep,	12:15:58,	0.000
284,	26	Sep,	12:16:58,	0.000
285,	26	Sep,	12:17:58,	0.001
286,	26	Sep,	12:18:58,	0.002
287,	26	Sep,	12:19:58,	0.000
288,	26	Sep,	12:20:58,	0.000
289,	26	Sep,	12:21:58,	0.000
290,	26	Sep,	12:22:58,	0.002
291,	26	Sep,	12:23:58,	0.000
292,	26	Sep,	12:24:58,	0.000
293,	26	Sep,	12:25:58,	0.000
294,	26	Sep,	12:26:58,	0.000
295,	26	Sep,	12:27:58,	0.000
296,	26	Sep,	12:28:58,	0.002
297,	26	Sep,	12:29:58,	0.000
298,	26	Sep,	12:30:58,	0.001
299,	26	Sep,	12:31:58,	0.000

PID Data 09 26 17



Instrument: MiniRAE 2000 (PGM7600)

Serial Number: 009059

User ID: 00000001

Site ID: 00000202

Data Points: 346

Gas Name: Isobutylene

Sample Period: 60 sec

Last Calibration Time: 09/19/17 14:35

Measurement Type:	Min (ppm)	Avg (ppm)	Max (ppm)
High Alarm Levels:	100.0	100.0	100.0
Low Alarm Levels:	50.0	50.0	50.0

Line #	Date	Time	Min (ppm)	Avg (ppm)	Max (ppm)
1	09/26/17	07:08	-----	0.0	0.0
2	09/26/17	07:09	-----	0.0	0.0
3	09/26/17	07:10	-----	0.0	0.0
4	09/26/17	07:11	-----	0.0	0.0
5	09/26/17	07:12	-----	0.0	0.0
6	09/26/17	07:13	-----	0.0	0.0
7	09/26/17	07:14	-----	0.0	0.0
8	09/26/17	07:15	-----	0.0	0.0
9	09/26/17	07:16	-----	0.0	0.0
10	09/26/17	07:17	-----	0.0	0.0
11	09/26/17	07:18	-----	0.0	0.0
12	09/26/17	07:19	-----	0.0	0.0
13	09/26/17	07:20	-----	0.0	0.0
14	09/26/17	07:21	-----	0.0	0.0
15	09/26/17	07:22	-----	0.0	0.0
16	09/26/17	07:23	-----	0.0	0.0
17	09/26/17	07:24	-----	0.0	0.0
18	09/26/17	07:25	-----	0.0	0.0
19	09/26/17	07:26	-----	0.0	0.0
20	09/26/17	07:27	-----	0.0	0.0
21	09/26/17	07:28	-----	0.0	0.0
22	09/26/17	07:29	-----	0.0	0.0
23	09/26/17	07:30	-----	0.0	0.0
24	09/26/17	07:31	-----	0.0	0.0
25	09/26/17	07:32	-----	0.0	0.0
26	09/26/17	07:33	-----	0.0	0.0
27	09/26/17	07:34	-----	0.0	0.0
28	09/26/17	07:35	-----	0.0	0.0
29	09/26/17	07:36	-----	0.0	0.0
30	09/26/17	07:37	-----	0.0	0.0
31	09/26/17	07:38	-----	0.0	0.0
32	09/26/17	07:39	-----	0.0	0.0
33	09/26/17	07:40	-----	0.0	0.0
34	09/26/17	07:41	-----	0.0	0.0
35	09/26/17	07:42	-----	0.0	0.0
36	09/26/17	07:43	-----	0.0	0.0
37	09/26/17	07:44	-----	0.0	0.0
38	09/26/17	07:45	-----	0.0	0.0
39	09/26/17	07:46	-----	0.0	0.0
40	09/26/17	07:47	-----	0.0	0.0
41	09/26/17	07:48	-----	0.0	0.0
42	09/26/17	07:49	-----	0.0	0.0
43	09/26/17	07:50	-----	0.0	0.0
44	09/26/17	07:51	-----	0.0	0.0
45	09/26/17	07:52	-----	0.0	0.0
46	09/26/17	07:53	-----	0.0	0.0
47	09/26/17	07:54	-----	0.0	0.0
48	09/26/17	07:55	-----	0.0	0.0
49	09/26/17	07:56	-----	0.0	0.0
50	09/26/17	07:57	-----	0.0	0.0
51	09/26/17	07:58	-----	0.0	0.0
52	09/26/17	07:59	-----	0.0	0.0
53	09/26/17	08:00	-----	0.0	0.0
54	09/26/17	08:01	-----	0.0	0.0
55	09/26/17	08:02	-----	0.0	0.0

56	09/26/17	08:03	-----	0.0	0.0
57	09/26/17	08:04	-----	0.0	0.0
58	09/26/17	08:05	-----	0.0	0.1
59	09/26/17	08:06	-----	0.0	0.0
60	09/26/17	08:07	-----	0.0	0.1
61	09/26/17	08:08	-----	0.0	0.1
62	09/26/17	08:09	-----	0.0	0.1
63	09/26/17	08:10	-----	0.0	0.1
64	09/26/17	08:11	-----	0.0	0.0
65	09/26/17	08:12	-----	0.0	0.0
66	09/26/17	08:13	-----	0.0	0.0
67	09/26/17	08:14	-----	0.0	0.0
68	09/26/17	08:15	-----	0.0	0.0
69	09/26/17	08:16	-----	0.0	0.0
70	09/26/17	08:17	-----	0.0	0.0
71	09/26/17	08:18	-----	0.0	0.0
72	09/26/17	08:19	-----	0.0	0.0
73	09/26/17	08:20	-----	0.0	0.0
74	09/26/17	08:21	-----	0.0	0.0
75	09/26/17	08:22	-----	0.0	0.0
76	09/26/17	08:23	-----	0.0	0.0
77	09/26/17	08:24	-----	0.0	0.0
78	09/26/17	08:25	-----	0.0	0.0
79	09/26/17	08:26	-----	0.0	0.0
80	09/26/17	08:27	-----	0.0	0.0
81	09/26/17	08:28	-----	0.0	0.0
82	09/26/17	08:29	-----	0.0	0.0
83	09/26/17	08:30	-----	0.0	0.0
84	09/26/17	08:31	-----	0.0	0.0
85	09/26/17	08:32	-----	0.0	0.0
86	09/26/17	08:33	-----	0.0	0.0
87	09/26/17	08:34	-----	0.0	0.0
88	09/26/17	08:35	-----	0.0	0.0
89	09/26/17	08:36	-----	0.0	0.1
90	09/26/17	08:37	-----	0.0	0.1
91	09/26/17	08:38	-----	0.0	0.1
92	09/26/17	08:39	-----	0.0	0.1
93	09/26/17	08:40	-----	0.0	0.1
94	09/26/17	08:41	-----	0.0	0.1
95	09/26/17	08:42	-----	0.0	0.1
96	09/26/17	08:43	-----	0.0	0.1
97	09/26/17	08:44	-----	0.0	0.1
98	09/26/17	08:45	-----	0.0	0.1
99	09/26/17	08:46	-----	0.0	0.1
100	09/26/17	08:47	-----	0.0	0.1
101	09/26/17	08:48	-----	0.0	0.1
102	09/26/17	08:49	-----	0.0	0.1
103	09/26/17	08:50	-----	0.0	0.1
104	09/26/17	08:51	-----	0.0	0.1
105	09/26/17	08:52	-----	0.0	0.1
106	09/26/17	08:53	-----	0.0	0.0
107	09/26/17	08:54	-----	0.0	0.0
108	09/26/17	08:55	-----	0.0	0.0
109	09/26/17	08:56	-----	0.0	0.0
110	09/26/17	08:57	-----	0.0	0.0
111	09/26/17	08:58	-----	0.0	0.1
112	09/26/17	08:59	-----	0.0	0.1
113	09/26/17	09:00	-----	0.0	0.0
114	09/26/17	09:01	-----	0.0	0.0
115	09/26/17	09:02	-----	0.0	0.1
116	09/26/17	09:03	-----	0.0	0.1
117	09/26/17	09:04	-----	0.0	0.1
118	09/26/17	09:05	-----	0.0	0.0
119	09/26/17	09:06	-----	0.0	0.0
120	09/26/17	09:07	-----	0.0	0.0
121	09/26/17	09:08	-----	0.0	0.0

122	09/26/17	09:09	-----	0.0	0.0
123	09/26/17	09:10	-----	0.0	0.0
124	09/26/17	09:11	-----	0.0	0.0
125	09/26/17	09:12	-----	0.0	0.0
126	09/26/17	09:13	-----	0.0	0.0
127	09/26/17	09:14	-----	0.0	0.0
128	09/26/17	09:15	-----	0.0	0.1
129	09/26/17	09:16	-----	0.0	0.1
130	09/26/17	09:17	-----	0.0	0.2
131	09/26/17	09:18	-----	0.0	0.0
132	09/26/17	09:19	-----	0.0	0.0
133	09/26/17	09:20	-----	0.0	0.0
134	09/26/17	09:21	-----	0.0	0.0
135	09/26/17	09:22	-----	0.0	0.0
136	09/26/17	09:23	-----	0.0	0.0
137	09/26/17	09:24	-----	0.0	0.0
138	09/26/17	09:25	-----	0.0	0.0
139	09/26/17	09:26	-----	0.0	0.0
140	09/26/17	09:27	-----	0.0	0.0
141	09/26/17	09:28	-----	0.0	0.0
142	09/26/17	09:29	-----	0.0	0.0
143	09/26/17	09:30	-----	0.0	0.0
144	09/26/17	09:31	-----	0.0	0.0
145	09/26/17	09:32	-----	0.0	0.0
146	09/26/17	09:33	-----	0.0	0.0
147	09/26/17	09:34	-----	0.0	0.0
148	09/26/17	09:35	-----	0.0	0.0
149	09/26/17	09:36	-----	0.0	0.0
150	09/26/17	09:37	-----	0.0	0.0
151	09/26/17	09:38	-----	0.0	0.0
152	09/26/17	09:39	-----	0.0	0.0
153	09/26/17	09:40	-----	0.0	0.0
154	09/26/17	09:41	-----	0.0	0.0
155	09/26/17	09:42	-----	0.0	0.1
156	09/26/17	09:43	-----	0.0	0.0
157	09/26/17	09:44	-----	0.0	0.0
158	09/26/17	09:45	-----	0.0	0.0
159	09/26/17	09:46	-----	0.0	0.0
160	09/26/17	09:47	-----	0.0	0.0
161	09/26/17	09:48	-----	0.0	0.0
162	09/26/17	09:49	-----	0.0	0.0
163	09/26/17	09:50	-----	0.0	0.0
164	09/26/17	09:51	-----	0.0	0.0
165	09/26/17	09:52	-----	0.0	0.0
166	09/26/17	09:53	-----	0.0	0.0
167	09/26/17	09:54	-----	0.0	0.0
168	09/26/17	09:55	-----	0.0	0.0
169	09/26/17	09:56	-----	0.0	0.1
170	09/26/17	09:57	-----	0.0	0.1
171	09/26/17	09:58	-----	0.0	0.0
172	09/26/17	09:59	-----	0.0	0.0
173	09/26/17	10:00	-----	0.0	0.0
174	09/26/17	10:01	-----	0.0	0.0
175	09/26/17	10:02	-----	0.0	0.0
176	09/26/17	10:03	-----	0.0	0.0
177	09/26/17	10:04	-----	0.0	0.0
178	09/26/17	10:05	-----	0.0	0.0
179	09/26/17	10:06	-----	0.0	0.0
180	09/26/17	10:07	-----	0.0	0.0
181	09/26/17	10:08	-----	0.0	0.0
182	09/26/17	10:09	-----	0.0	0.0
183	09/26/17	10:10	-----	0.0	0.0
184	09/26/17	10:11	-----	0.0	0.0
185	09/26/17	10:12	-----	0.0	0.0
186	09/26/17	10:13	-----	0.0	0.0
187	09/26/17	10:14	-----	0.0	0.1

188	09/26/17	10:15	-----	0.0	0.0
189	09/26/17	10:16	-----	0.0	0.0
190	09/26/17	10:17	-----	0.0	0.0
191	09/26/17	10:18	-----	0.0	0.0
192	09/26/17	10:19	-----	0.0	0.0
193	09/26/17	10:20	-----	0.0	0.0
194	09/26/17	10:21	-----	0.0	0.0
195	09/26/17	10:22	-----	0.0	0.0
196	09/26/17	10:23	-----	0.0	0.0
197	09/26/17	10:24	-----	0.0	0.0
198	09/26/17	10:25	-----	0.0	0.0
199	09/26/17	10:26	-----	0.0	0.1
200	09/26/17	10:27	-----	0.0	0.1
201	09/26/17	10:28	-----	0.0	0.1
202	09/26/17	10:29	-----	0.0	0.0
203	09/26/17	10:30	-----	0.0	0.0
204	09/26/17	10:31	-----	0.0	0.0
205	09/26/17	10:32	-----	0.0	0.0
206	09/26/17	10:33	-----	0.0	0.0
207	09/26/17	10:34	-----	0.0	0.0
208	09/26/17	10:35	-----	0.0	0.0
209	09/26/17	10:36	-----	0.0	0.0
210	09/26/17	10:37	-----	0.0	0.0
211	09/26/17	10:38	-----	0.0	0.0
212	09/26/17	10:39	-----	0.0	0.0
213	09/26/17	10:40	-----	0.0	0.0
214	09/26/17	10:41	-----	0.0	0.0
215	09/26/17	10:42	-----	0.0	0.0
216	09/26/17	10:43	-----	0.0	0.0
217	09/26/17	10:44	-----	0.0	0.0
218	09/26/17	10:45	-----	0.0	0.0
219	09/26/17	10:46	-----	0.0	0.0
220	09/26/17	10:47	-----	0.0	0.0
221	09/26/17	10:48	-----	0.0	0.0
222	09/26/17	10:49	-----	0.0	0.0
223	09/26/17	10:50	-----	0.0	0.0
224	09/26/17	10:51	-----	0.0	0.0
225	09/26/17	10:52	-----	0.0	0.0
226	09/26/17	10:53	-----	0.0	0.0
227	09/26/17	10:54	-----	0.0	0.0
228	09/26/17	10:55	-----	0.0	0.0
229	09/26/17	10:56	-----	0.0	0.0
230	09/26/17	10:57	-----	0.0	0.0
231	09/26/17	10:58	-----	0.0	0.0
232	09/26/17	10:59	-----	0.0	0.0
233	09/26/17	11:00	-----	0.0	0.0
234	09/26/17	11:01	-----	0.0	0.0
235	09/26/17	11:02	-----	0.0	0.0
236	09/26/17	11:03	-----	0.0	0.0
237	09/26/17	11:04	-----	0.0	0.1
238	09/26/17	11:05	-----	0.0	0.0
239	09/26/17	11:06	-----	0.0	0.0
240	09/26/17	11:07	-----	0.0	0.0
241	09/26/17	11:08	-----	0.0	0.0
242	09/26/17	11:09	-----	0.0	0.0
243	09/26/17	11:10	-----	0.0	0.0
244	09/26/17	11:11	-----	0.0	0.0
245	09/26/17	11:12	-----	0.0	0.0
246	09/26/17	11:13	-----	0.0	0.0
247	09/26/17	11:14	-----	0.0	0.0
248	09/26/17	11:15	-----	0.0	0.0
249	09/26/17	11:16	-----	0.0	0.0
250	09/26/17	11:17	-----	0.0	0.0
251	09/26/17	11:18	-----	0.0	0.0
252	09/26/17	11:19	-----	0.0	0.0
253	09/26/17	11:20	-----	0.0	0.0

254	09/26/17	11:21	-----	0.0	0.0
255	09/26/17	11:22	-----	0.0	0.0
256	09/26/17	11:23	-----	0.0	0.0
257	09/26/17	11:24	-----	0.0	0.0
258	09/26/17	11:25	-----	0.0	0.0
259	09/26/17	11:26	-----	0.0	0.0
300	09/26/17	11:27	-----	0.0	0.0
301	09/26/17	11:28	-----	0.0	0.0
302	09/26/17	11:29	-----	0.0	0.0
303	09/26/17	11:30	-----	0.0	0.0
304	09/26/17	11:31	-----	0.0	0.0
305	09/26/17	11:32	-----	0.0	0.0
306	09/26/17	11:33	-----	0.0	0.0
307	09/26/17	11:34	-----	0.0	0.0
308	09/26/17	11:35	-----	0.0	0.0
309	09/26/17	11:36	-----	0.0	0.0
310	09/26/17	11:37	-----	0.0	0.0
311	09/26/17	11:38	-----	0.0	0.0
312	09/26/17	11:39	-----	0.0	0.1
313	09/26/17	11:40	-----	0.0	0.0
314	09/26/17	11:41	-----	0.0	0.0
315	09/26/17	11:42	-----	0.0	0.0
316	09/26/17	11:43	-----	0.0	0.0
317	09/26/17	11:44	-----	0.0	0.1
318	09/26/17	11:45	-----	0.0	0.1
319	09/26/17	11:46	-----	0.0	0.1
320	09/26/17	11:47	-----	0.0	0.0
321	09/26/17	11:48	-----	0.0	0.0
322	09/26/17	11:49	-----	0.0	0.0
323	09/26/17	11:50	-----	0.0	0.0
324	09/26/17	11:51	-----	0.0	0.0
325	09/26/17	11:52	-----	0.0	0.0
326	09/26/17	11:53	-----	0.0	0.0
327	09/26/17	11:54	-----	0.0	0.0
328	09/26/17	11:55	-----	0.0	0.0
329	09/26/17	11:56	-----	0.0	0.0
330	09/26/17	11:57	-----	0.0	0.0
331	09/26/17	11:58	-----	0.0	0.0
332	09/26/17	11:59	-----	0.0	0.0
333	09/26/17	12:00	-----	0.0	0.0
334	09/26/17	12:01	-----	0.0	0.0
335	09/26/17	12:02	-----	0.0	0.0
336	09/26/17	12:03	-----	0.0	0.0
337	09/26/17	12:04	-----	0.0	0.0
338	09/26/17	12:05	-----	0.0	0.0
339	09/26/17	12:06	-----	0.0	0.0
340	09/26/17	12:07	-----	0.0	0.0
341	09/26/17	12:08	-----	0.0	0.0
342	09/26/17	12:09	-----	0.0	0.0
343	09/26/17	12:10	-----	0.0	0.0
344	09/26/17	12:11	-----	0.0	0.0
345	09/26/17	12:12	-----	0.0	0.0
346	09/26/17	12:13	-----	0.0	0.0