

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

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

May 10, 2021

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

Re: On Site Inspection for April 2021  
Schmukler's Cleaners  
358-364 North Ave. New Rochelle, New York  
Site No.: C360088 Index No.: A3-0542-0306

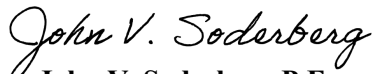
On April 16, 2021 personnel were at the above mentioned site for quarterly monitoring and maintenance operations. Personnel returned to the site listed above to gauge influent and effluent PID readings on all carbon drum unit ports. PID readings were also taken at each vapor point location. Attached to this report are the following:

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

During this on-site inspection personnel did obtain, via Summa Cannister, six (6) liter 30 second grabs of the VES influent and VES effluent emissions point post-carbon filtration. While on site personnel recorded PID readings, air flow concentrations and obtained a stack emission sample via test method TO-15.

- \* The next quarterly monitoring and sampling event is scheduled for July 2021.
- \* Carbon Drum change-out (Drum 1 and 2) was performed on November 27, 2019.
- \* Quarterly reporting to WCCDOH (Natasha) and NYSDEC (Kiera Thompson) May 10, 2021.

Sincerely,

  
**John V. Soderberg P.E**

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

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

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

**Remediation System Present?**  
 Type of System?  
 SVE/SSDS  
 Sampling Date: 04/16/21

**PID Readings, MiniRae 2000, in ppm**  
**Primary Drum:** **Secondary Drum:**  
 Influent Carbon: 2.3 Carbon Middle: 0.0  
Final Effluent Carbon: 0.0  
**Pressure Readings**  
 Pressure : 2 psi  
 Pre motor vac : 18 " VAC

**Sampling Instructions:** 1 Effluent + 1 Influent Air Sample to Alpha Analytical Lab

**Site Data**

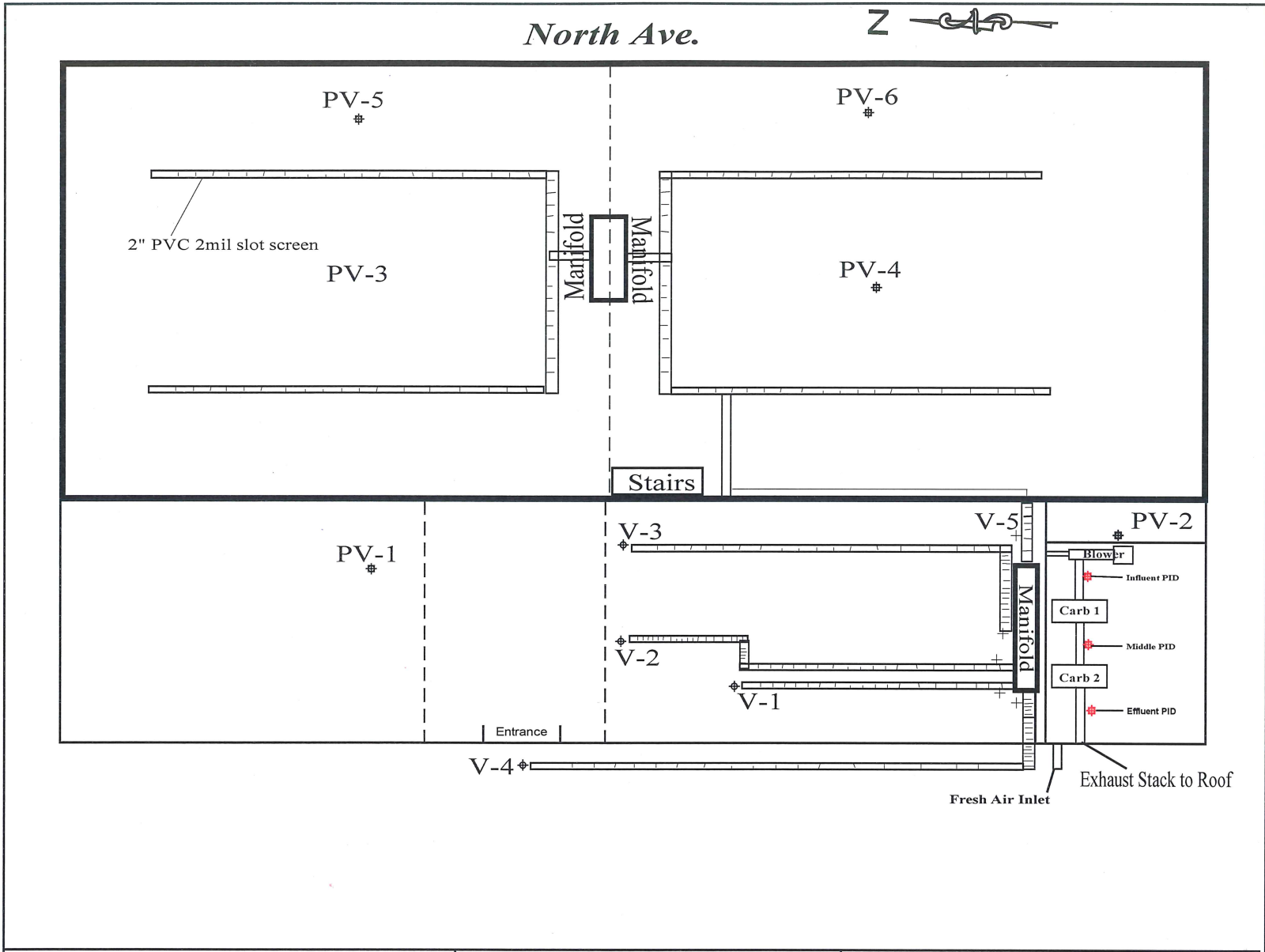
Wells	Air Flow Ft/min	PID ppm
V-1	3900	0.0
V-2	3950	0.0
V-3	4100	0.0
V-4	3900	0.0
V-5 (downstairs pipe)	3300	0.0
PV-1	—	—
PV-2	—	—
PV-3	—	—
PV-4	—	—
PV-5	—	—
PV-6	—	—

Comments: NA

\* na=not available

**Site Inspection:**

Was Carbon Drum Replaced ? Y \_\_\_ N X Was Water Knockout Drum Emptied? Y \_\_\_ N X  
 Was System Shutdown Warning Light On X Off \_\_\_ How Much Water Was Drained? 0 gal  
If Off Why?  
 Any Visible Signs Of Leaks? NO Indicate Any Sampling Procedures:  
 One (1) Influent and one (1) Effluent Air Sample  
 (6 Liter SUMMA Canisters tested via EPA Method TO-15)  
 Sampled by: Toby Wolczynski



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

**Schmuklers Cleaners**  
**358-364 North Ave.**  
**New Rochelle, NY**  
**Site# C360088**

- Key**
- Basement Area
  - + Check Valve
  - # Permanent Vapor Point
  - \* Sample Point
  - ⊕ Vapor Extraction Well

Drawn by: JGH

Table-1

<b>Schmukler's Cleaners, New Rochelle NY</b>						
<b>PID Readings For Inf./Eff. Carbon Drum Sample Points ppm</b>						
Before Drum Replaced						
Date	INF.	Middle	EFF.	INF.	Middle	EFF.
6-Nov-09	4.50	0.00	0.00			
13-Nov-09	7.30	0.00	0.00			
20-Nov-09	3.50	0.00	0.00			
30-Nov-09	3.90	0.00	0.00			
22-Dec-09	5.30	0.00	0.00			
18-Jan-10	3.50	0.00	0.00			
5-Mar-10	5.10	2.30	0.00			
20-Apr-10	2.60	0.30	0.00			
12-May-10	21.70	1.20	0.00			
16-Jun-10	20.80	1.80	0.00			
6-Jul-10	20.40	4.70	0.00			
13-Aug-10	32.50	2.00	0.00			
17-Sep-10	89.00	0.70	0.00			
11-Oct-10	156.00	0.80	0.00			
3-Nov-10	98.60	1.75	0.00			
3-Dec-10	145.10	2.30	0.00			
3-Jan-11	87.42	2.60	0.00			
4-Feb-11	38.70	4.20	0.00			
1-Mar-11	92.60	7.30	0.00			
4-Apr-11	165.00	3.30	0.00	166.00	3.30	0.10
9-May-11	18.04	0.00	0.00			
24-Jun-11	12.10	2.90	0.00			
21-Jul-11	34.00	0.70	0.00			
2-Aug-11	40.70	0.70	0.00			
13-Sep-11	18.10	1.40	0.00			
3-Oct-11	16.90	0.00	0.00			
11-Nov-11	42.34	0.00	0.00	50.00	5.60	0.20
5-Dec-11	37.40	2.30	0.00			
18-Jan-12	38.50	1.90	0.00			
9-Feb-12	40.23	0.50	0.00			
22-Mar-12	46.80	0.90	0.00			
30-Apr-12	54.60	1.30	0.00			
22-May-12	51.30	1.70	0.00			
13-Jul-12	59.93	4.20	0.20			
8-Aug-12	61.5	1.2	0.2			
6-Sep-12	74.3	4.5	1.1			
3-Oct-12	60.00	1.00	0.00	33.2	18.6	3.3
13-Nov-12	51.20	6.30	0.00			
6-Dec-12	45.60	5.30	0.00			
10-Jan-13	77.90	4.60	0.00			
6-Feb-13	28.70	2.60	0.00	32.20	5.60	2.40
11-Mar-13	30.00	1.10	0.00			
13-Apr-13	0.00	0.00	0.00			
1-May-13	0.00	0.00	0.00			
28-Jun-13	18.90	2.30	0.90			
17-Jul-13	49.20	2.10	0.00			
8-Aug-13	44.90	1.50	0.00			
28-Oct-13	46.80	2.00	0.00			
13-Jan-14	111.00	1.25	0.00	116.00	2.10	1.90
10-Apr-14	39.00	1.50	0.00			
10-Jul-14	32.30	1.50	0.00			
1-Oct-14	2.90	1.00	0.00	2.90	1.40	0.90
30-Jan-15	3.20	0.40	0.00			
1-Apr-15	40.20	2.50	0.00			
15-Jul-15	37.60	1.50	0.00	*carbon change Oct. 2015		
12-Oct-15	35.50	5.10	0.30	35.00	0.00	0.00
26-Jan-16	37.20	2.20	0.00			
18-Apr-16	32.23	2.00	0.00			
27-Jul-16	12.90	1.00	0.00			
21-Oct-16	18.40	6.20	0.00	*carbon change Nov. 2016		
31-Jan-17	2.70	0.00	0.00			
25-Apr-17	2.00	0.00	0.00			
25-Jul-17	1.70	2.00	0.00			
2-Nov-17	0.60	0.60	0.00			
21-Dec-17	12.50	0.00	0.00	*3 Bags of carbon Installed		
12-Apr-18	0.30	0.20	0.00			
8-May-18	0.20	0.20	0.00			
30-Jul-18	0.00	0.00	0.00			
17-Oct-18	0.00	0.00	0.00	*carbon change Oct. 26, 2018		
31-Jan-19	0.00	0.00	0.00			
22-Apr-19	0.00	0.00	0.00			
23-Jul-19	0.40	0.00	0.00			
31-Oct-19	4.00	0.90	0.00			
27-Nov-19	0.90	0.00	0.00	*carbon change		
13-Jan-20	0.70	0.50	0.00			
23-Apr-20	0.90	0.70	0.00			
15-Jul-20	0.00	0.00	0.00			
28-Oct-20	1.70	0.00	0.00			
19-Jan-21	1.00	0.00	0.00			
16-Apr-21	2.30	0.00	0.00			

**Schmukler's Cleaners  
358-364 North Ave.  
New Rochelle, NY  
As of April 2021**

**Table-2  
VOCs (ppbv)**

<b>Effluent Air</b>	<b>PCE</b>	<b>TCE</b>
<b>April-21</b>	n/d	n/d
<b>January-21</b>	0.592	n/d
<b>October-20</b>	0.273	n/d
<b>July-20</b>	0.444	n/d
<b>April-20</b>	0.341	n/d
<b>January-20</b>	n/d	n/d
<b>October-19</b>	52.5	4.73
<b>July-19</b>	0.868	n/d
<b>April-19</b>	28.9	0.367
<b>January-19</b>	n/d	n/d
<b>July-18</b>	350	43

<b>Influent Air</b>	<b>PCE</b>	<b>TCE</b>
<b>April-21</b>	776	127
<b>January-21</b>	382	72
<b>October-20</b>	780	125
<b>July-20</b>	143	10.6
<b>April-20</b>	356	61.1
<b>January-20</b>	349	59.4

**Schmukler's Cleaners**  
**358-364 North Avenue**  
**New Rochelle, New York**

Table-3  
**TEA Testing**

Samples collected April 16<sup>th</sup>, 2021

All units are mg/L

<b>Sample I.D.</b>	<b>Sulfate</b>	<b>Nitrate (med range)</b>	<b>Total Ferrous Iron</b>
<b>MW-3</b>	<b>over range</b>	<b>under range</b>	<b>over range</b>
<b>MW-11</b>	<b>-3.0*</b>	<b>under range</b>	<b>over range</b>
<b>MW-12</b>	<b>-8.0*</b>	<b>under range</b>	<b>over range</b>

Sulfate range: 2 to 70 mg/L

Nitrate medium range: 0.1 to 10 mg/L

Total Iron range: 0.02 to 3.0 mg/L

\*Negative values indicate an error regarding the blank, or that the sample has a lower absorbency value than the blank. It may be that the calibration is incorrect, the cuvette is smudged, the blank is contaminated, or there is nothing in the sample and the negative reading is in the range of zero.

Site Name: Schmuclers Clean  
Table-4

Groundwater Data Collection Form

Date: 04/16/2021

Sampler: Toby Wolczynski

Well	DTW	D.O	Cond.	ORP	PH	TEMP (C°)	TDS
MW-1							
MW-3	12.05	1.60	236.1	-4	5.47	-	1707.0
MW-7							
MW-8							
MW-10							
MW-11*	4.57	0.60	681.7	-58	6.21	-	458.8
MW-12*	4.35	0.38	672.4	-87	6.62	-	452.9
BW-1							
BW-2							
BW-4							

\*basement wells



## ANALYTICAL REPORT

Lab Number:	L2119913
Client:	WRS Environmental Services, Inc. 17 Old Dock Road Yaphank, NY 11980
ATTN:	Justin Halpin
Phone:	(631) 924-8111
Project Name:	SCHMUKLERS
Project Number:	16461
Report Date:	04/26/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

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320 Forbes Boulevard, Mansfield, MA 02048-1806  
508-822-9300 (Fax) 508-822-3288 800-624-9220 - [www.alphalab.com](http://www.alphalab.com)





**Project Name:** SCHMUKLERS  
**Project Number:** 16461

**Lab Number:** L2119913  
**Report Date:** 04/26/21

<b>Alpha Sample ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Sample Location</b>	<b>Collection Date/Time</b>	<b>Receive Date</b>
L2119913-01	INFLUENT	SOIL_VAPOR	NORTH AVE. NEW ROCHELLE	04/16/21 10:11	04/20/21
L2119913-02	EFFLUENT	SOIL_VAPOR	NORTH AVE. NEW ROCHELLE	04/16/21 10:02	04/20/21

**Project Name:** SCHMUKLERS  
**Project Number:** 16461

**Lab Number:** L2119913  
**Report Date:** 04/26/21

### Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

**HOLD POLICY** - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

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**Project Name:** SCHMUKLERS  
**Project Number:** 16461

**Lab Number:** L2119913  
**Report Date:** 04/26/21

### Case Narrative (continued)

#### Volatile Organics in Air

Canisters were released from the laboratory on April 13, 2021. The canister certification results are provided as an addendum.

L2119913-01D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 04/26/21

**AIR**

**Project Name:** SCHMUKLERS**Lab Number:** L2119913**Project Number:** 16461**Report Date:** 04/26/21**SAMPLE RESULTS**

Lab ID: L2119913-01 D  
 Client ID: INFLUENT  
 Sample Location: NORTH AVE. NEW ROCHELLE

Date Collected: 04/16/21 10:11  
 Date Received: 04/20/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15  
 Analytical Date: 04/24/21 00:11  
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air - Mansfield Lab</b>								
Dichlorodifluoromethane	ND	2.50	--	ND	12.4	--		12.5
Chloromethane	ND	2.50	--	ND	5.16	--		12.5
Freon-114	ND	2.50	--	ND	17.5	--		12.5
Vinyl chloride	ND	2.50	--	ND	6.39	--		12.5
1,3-Butadiene	ND	2.50	--	ND	5.53	--		12.5
Bromomethane	ND	2.50	--	ND	9.71	--		12.5
Chloroethane	ND	2.50	--	ND	6.60	--		12.5
Ethanol	ND	62.5	--	ND	118	--		12.5
Vinyl bromide	ND	2.50	--	ND	10.9	--		12.5
Acetone	ND	12.5	--	ND	29.7	--		12.5
Trichlorofluoromethane	ND	2.50	--	ND	14.0	--		12.5
Isopropanol	ND	6.25	--	ND	15.4	--		12.5
1,1-Dichloroethene	ND	2.50	--	ND	9.91	--		12.5
Tertiary butyl Alcohol	ND	6.25	--	ND	18.9	--		12.5
Methylene chloride	ND	6.25	--	ND	21.7	--		12.5
3-Chloropropene	ND	2.50	--	ND	7.83	--		12.5
Carbon disulfide	ND	2.50	--	ND	7.79	--		12.5
Freon-113	ND	2.50	--	ND	19.2	--		12.5
trans-1,2-Dichloroethene	ND	2.50	--	ND	9.91	--		12.5
1,1-Dichloroethane	ND	2.50	--	ND	10.1	--		12.5
Methyl tert butyl ether	ND	2.50	--	ND	9.01	--		12.5
2-Butanone	ND	6.25	--	ND	18.4	--		12.5
cis-1,2-Dichloroethene	216	2.50	--	856	9.91	--		12.5



**Project Name:** SCHMUKLERS**Lab Number:** L2119913**Project Number:** 16461**Report Date:** 04/26/21**SAMPLE RESULTS**

Lab ID: L2119913-01 D  
 Client ID: INFLUENT  
 Sample Location: NORTH AVE. NEW ROCHELLE

Date Collected: 04/16/21 10:11  
 Date Received: 04/20/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air - Mansfield Lab</b>								
Ethyl Acetate	ND	6.25	--	ND	22.5	--		12.5
Chloroform	ND	2.50	--	ND	12.2	--		12.5
Tetrahydrofuran	ND	6.25	--	ND	18.4	--		12.5
1,2-Dichloroethane	ND	2.50	--	ND	10.1	--		12.5
n-Hexane	ND	2.50	--	ND	8.81	--		12.5
1,1,1-Trichloroethane	ND	2.50	--	ND	13.6	--		12.5
Benzene	ND	2.50	--	ND	7.99	--		12.5
Carbon tetrachloride	ND	2.50	--	ND	15.7	--		12.5
Cyclohexane	ND	2.50	--	ND	8.61	--		12.5
1,2-Dichloropropane	ND	2.50	--	ND	11.6	--		12.5
Bromodichloromethane	ND	2.50	--	ND	16.7	--		12.5
1,4-Dioxane	ND	2.50	--	ND	9.01	--		12.5
Trichloroethene	127	2.50	--	683	13.4	--		12.5
2,2,4-Trimethylpentane	ND	2.50	--	ND	11.7	--		12.5
Heptane	ND	2.50	--	ND	10.2	--		12.5
cis-1,3-Dichloropropene	ND	2.50	--	ND	11.3	--		12.5
4-Methyl-2-pentanone	ND	6.25	--	ND	25.6	--		12.5
trans-1,3-Dichloropropene	ND	2.50	--	ND	11.3	--		12.5
1,1,2-Trichloroethane	ND	2.50	--	ND	13.6	--		12.5
Toluene	ND	2.50	--	ND	9.42	--		12.5
2-Hexanone	ND	2.50	--	ND	10.2	--		12.5
Dibromochloromethane	ND	2.50	--	ND	21.3	--		12.5
1,2-Dibromoethane	ND	2.50	--	ND	19.2	--		12.5
Tetrachloroethene	776	2.50	--	5260	17.0	--		12.5
Chlorobenzene	ND	2.50	--	ND	11.5	--		12.5
Ethylbenzene	ND	2.50	--	ND	10.9	--		12.5



**Project Name:** SCHMUKLERS**Lab Number:** L2119913**Project Number:** 16461**Report Date:** 04/26/21**SAMPLE RESULTS**

Lab ID: L2119913-01 D  
 Client ID: INFLUENT  
 Sample Location: NORTH AVE. NEW ROCHELLE

Date Collected: 04/16/21 10:11  
 Date Received: 04/20/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air - Mansfield Lab</b>								
p/m-Xylene	ND	5.00	--	ND	21.7	--		12.5
Bromoform	ND	2.50	--	ND	25.8	--		12.5
Styrene	ND	2.50	--	ND	10.6	--		12.5
1,1,2,2-Tetrachloroethane	ND	2.50	--	ND	17.2	--		12.5
o-Xylene	ND	2.50	--	ND	10.9	--		12.5
4-Ethyltoluene	ND	2.50	--	ND	12.3	--		12.5
1,3,5-Trimethylbenzene	ND	2.50	--	ND	12.3	--		12.5
1,2,4-Trimethylbenzene	ND	2.50	--	ND	12.3	--		12.5
Benzyl chloride	ND	2.50	--	ND	12.9	--		12.5
1,3-Dichlorobenzene	ND	2.50	--	ND	15.0	--		12.5
1,4-Dichlorobenzene	ND	2.50	--	ND	15.0	--		12.5
1,2-Dichlorobenzene	ND	2.50	--	ND	15.0	--		12.5
1,2,4-Trichlorobenzene	ND	2.50	--	ND	18.6	--		12.5
Hexachlorobutadiene	ND	2.50	--	ND	26.7	--		12.5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	101		60-140
Bromochloromethane	102		60-140
chlorobenzene-d5	99		60-140



**Project Name:** SCHMUKLERS**Lab Number:** L2119913**Project Number:** 16461**Report Date:** 04/26/21**SAMPLE RESULTS**

Lab ID: L2119913-02  
 Client ID: EFFLUENT  
 Sample Location: NORTH AVE. NEW ROCHELLE

Date Collected: 04/16/21 10:02  
 Date Received: 04/20/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15  
 Analytical Date: 04/24/21 00:50  
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air - Mansfield Lab</b>								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	0.493	0.200	--	1.02	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	2.09	0.200	--	8.29	0.793	--		1





**Project Name:** SCHMUKLERS**Lab Number:** L2119913**Project Number:** 16461**Report Date:** 04/26/21**SAMPLE RESULTS**

Lab ID: L2119913-02  
 Client ID: EFFLUENT  
 Sample Location: NORTH AVE. NEW ROCHELLE

Date Collected: 04/16/21 10:02  
 Date Received: 04/20/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air - Mansfield Lab</b>								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1



**Project Name:** SCHMUKLERS**Lab Number:** L2119913**Project Number:** 16461**Report Date:** 04/26/21**SAMPLE RESULTS**

Lab ID: L2119913-02  
 Client ID: EFFLUENT  
 Sample Location: NORTH AVE. NEW ROCHELLE

Date Collected: 04/16/21 10:02  
 Date Received: 04/20/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
<b>Volatile Organics in Air - Mansfield Lab</b>								
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	102		60-140
Bromochloromethane	105		60-140
chlorobenzene-d5	100		60-140



Project Name: SCHMUKLERS

Lab Number: L2119913

Project Number: 16461

Report Date: 04/26/21

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 04/23/21 13:59

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1490026-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1



Project Name: SCHMUKLERS

Lab Number: L2119913

Project Number: 16461

Report Date: 04/26/21

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 04/23/21 13:59

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1490026-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1



Project Name: SCHMUKLERS

Lab Number: L2119913

Project Number: 16461

Report Date: 04/26/21

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 04/23/21 13:59

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1490026-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: SCHMUKLERS

Project Number: 16461

Lab Number: L2119913

Report Date: 04/26/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1490026-3								
Dichlorodifluoromethane	92		-		70-130	-		
Chloromethane	95		-		70-130	-		
Freon-114	95		-		70-130	-		
Vinyl chloride	93		-		70-130	-		
1,3-Butadiene	98		-		70-130	-		
Bromomethane	92		-		70-130	-		
Chloroethane	91		-		70-130	-		
Ethanol	95		-		40-160	-		
Vinyl bromide	88		-		70-130	-		
Acetone	64		-		40-160	-		
Trichlorofluoromethane	86		-		70-130	-		
Isopropanol	69		-		40-160	-		
1,1-Dichloroethene	93		-		70-130	-		
Tertiary butyl Alcohol	88		-		70-130	-		
Methylene chloride	96		-		70-130	-		
3-Chloropropene	96		-		70-130	-		
Carbon disulfide	85		-		70-130	-		
Freon-113	90		-		70-130	-		
trans-1,2-Dichloroethene	86		-		70-130	-		
1,1-Dichloroethane	90		-		70-130	-		
Methyl tert butyl ether	92		-		70-130	-		
2-Butanone	95		-		70-130	-		
cis-1,2-Dichloroethene	93		-		70-130	-		

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: SCHMUKLERS

Lab Number: L2119913

Project Number: 16461

Report Date: 04/26/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1490026-3								
Ethyl Acetate	97		-		70-130	-		
Chloroform	95		-		70-130	-		
Tetrahydrofuran	93		-		70-130	-		
1,2-Dichloroethane	86		-		70-130	-		
n-Hexane	94		-		70-130	-		
1,1,1-Trichloroethane	87		-		70-130	-		
Benzene	95		-		70-130	-		
Carbon tetrachloride	88		-		70-130	-		
Cyclohexane	96		-		70-130	-		
1,2-Dichloropropane	94		-		70-130	-		
Bromodichloromethane	95		-		70-130	-		
1,4-Dioxane	98		-		70-130	-		
Trichloroethene	94		-		70-130	-		
2,2,4-Trimethylpentane	97		-		70-130	-		
Heptane	97		-		70-130	-		
cis-1,3-Dichloropropene	102		-		70-130	-		
4-Methyl-2-pentanone	99		-		70-130	-		
trans-1,3-Dichloropropene	88		-		70-130	-		
1,1,2-Trichloroethane	95		-		70-130	-		
Toluene	97		-		70-130	-		
2-Hexanone	107		-		70-130	-		
Dibromochloromethane	98		-		70-130	-		
1,2-Dibromoethane	99		-		70-130	-		

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: SCHMUKLERS

Project Number: 16461

Lab Number: L2119913

Report Date: 04/26/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1490026-3								
Tetrachloroethene	98		-		70-130	-		
Chlorobenzene	102		-		70-130	-		
Ethylbenzene	98		-		70-130	-		
p/m-Xylene	96		-		70-130	-		
Bromoform	98		-		70-130	-		
Styrene	98		-		70-130	-		
1,1,2,2-Tetrachloroethane	102		-		70-130	-		
o-Xylene	98		-		70-130	-		
4-Ethyltoluene	94		-		70-130	-		
1,3,5-Trimethylbenzene	88		-		70-130	-		
1,2,4-Trimethylbenzene	96		-		70-130	-		
Benzyl chloride	90		-		70-130	-		
1,3-Dichlorobenzene	98		-		70-130	-		
1,4-Dichlorobenzene	96		-		70-130	-		
1,2-Dichlorobenzene	94		-		70-130	-		
1,2,4-Trichlorobenzene	84		-		70-130	-		
Hexachlorobutadiene	90		-		70-130	-		



Project Name: SCHMUKLERS

Project Number: 16461

Serial\_No:04262116:53  
Lab Number: L2119913

Report Date: 04/26/21

### Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2119913-01	INFLUENT	771	6.0L Can	04/13/21	348822	L2117022-08	Pass	-29.4	-1.6	-	-	-	-
L2119913-02	EFFLUENT	2065	6.0L Can	04/13/21	348822	L2117022-08	Pass	-29.4	0.0	-	-	-	-

**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2117022  
**Report Date:** 04/26/21

### Air Canister Certification Results

**Lab ID:** L2117022-08  
**Client ID:** CAN 1053 SHELF 30  
**Sample Location:**

**Date Collected:** 04/06/21 07:00  
**Date Received:** 04/06/21  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Air  
**Analytical Method:** 48,TO-15  
**Analytical Date:** 04/06/21 23:20  
**Analyst:** TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2117022  
**Report Date:** 04/26/21

### Air Canister Certification Results

Lab ID: L2117022-08  
 Client ID: CAN 1053 SHELF 30  
 Sample Location:

Date Collected: 04/06/21 07:00  
 Date Received: 04/06/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2117022  
**Report Date:** 04/26/21

### Air Canister Certification Results

Lab ID: L2117022-08  
 Client ID: CAN 1053 SHELF 30  
 Sample Location:

Date Collected: 04/06/21 07:00  
 Date Received: 04/06/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2117022  
**Report Date:** 04/26/21

### Air Canister Certification Results

Lab ID: L2117022-08  
 Client ID: CAN 1053 SHELF 30  
 Sample Location:

Date Collected: 04/06/21 07:00  
 Date Received: 04/06/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2117022  
**Report Date:** 04/26/21

### Air Canister Certification Results

Lab ID: L2117022-08  
 Client ID: CAN 1053 SHELF 30  
 Sample Location:

Date Collected: 04/06/21 07:00  
 Date Received: 04/06/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	91		60-140

**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2117022  
**Report Date:** 04/26/21

### Air Canister Certification Results

Lab ID: L2117022-08  
 Client ID: CAN 1053 SHELF 30  
 Sample Location:

Date Collected: 04/06/21 07:00  
 Date Received: 04/06/21  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Air  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 04/06/21 23:20  
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



**Project Name:** BATCH CANISTER CERTIFICATION  
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### Air Canister Certification Results

Lab ID: L2117022-08  
 Client ID: CAN 1053 SHELF 30  
 Sample Location:

Date Collected: 04/06/21 07:00  
 Date Received: 04/06/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1





**Project Name:** BATCH CANISTER CERTIFICATION  
**Project Number:** CANISTER QC BAT

**Lab Number:** L2117022  
**Report Date:** 04/26/21

### Air Canister Certification Results

Lab ID: L2117022-08  
 Client ID: CAN 1053 SHELF 30  
 Sample Location:

Date Collected: 04/06/21 07:00  
 Date Received: 04/06/21  
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	89		60-140
bromochloromethane	84		60-140
chlorobenzene-d5	86		60-140

**Project Name:** SCHMUKLERS**Lab Number:** L2119913**Project Number:** 16461**Report Date:** 04/26/21**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

**Cooler Information****Cooler**                      **Custody Seal**

NA                                      Present/Intact

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2119913-01A	Canister - 6 Liter	NA	NA			Y	Present/Intact		TO15-LL(30)
L2119913-02A	Canister - 6 Liter	NA	NA			Y	Present/Intact		TO15-LL(30)

**Project Name:** SCHMUKLERS  
**Project Number:** 16461

**Lab Number:** L2119913  
**Report Date:** 04/26/21

## GLOSSARY

### Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)  Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report



**Project Name:** SCHMUKLERS  
**Project Number:** 16461

**Lab Number:** L2119913  
**Report Date:** 04/26/21

#### Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

#### Terms

**Analytical Method:** Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

**Difference:** With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

**Final pH:** As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

**Frozen Date/Time:** With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

**Initial pH:** As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

**PAH Total:** With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

**PFAS Total:** With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

**Total:** With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

#### Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the reporting limit (RL) for the sample.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report



**Project Name:** SCHMUKLERS  
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**Data Qualifiers**

the identification is based on a mass spectral library search.

- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

**Project Name:** SCHMUKLERS  
**Project Number:** 16461

**Lab Number:** L2119913  
**Report Date:** 04/26/21

## REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



## Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

### Westborough Facility

**EPA 624/624.1:** m/p-xylene, o-xylene, Naphthalene

**EPA 625/625.1:** alpha-Terpineol

**EPA 8260C/8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

**EPA 8270D/8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO<sub>2</sub>, NO<sub>3</sub>.

### Mansfield Facility

**SM 2540D:** TSS

**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.

**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

**Biological Tissue Matrix:** EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

### Westborough Facility:

#### Drinking Water

**EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

**EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**

**EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

#### Non-Potable Water

**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

**SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

**EPA 624.1:** Volatile Halocarbons & Aromatics,

**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

### Mansfield Facility:

#### Drinking Water

**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

**EPA 522, EPA 537.1.**

#### Non-Potable Water

**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

**EPA 245.1 Hg.**

**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



# AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048  
 TEL: 508-822-9300 FAX: 508-822-3288

### Client Information

Client: **WRS**  
 Address: **17 Old Dock Rd**  
**Yaphank NY 11980**  
 Phone: **631-589-6521**  
 Fax: \_\_\_\_\_  
 Email: **jhalpin@wrs.com**

### Project Information

Project Name: **Schmucklers**  
 Project Location: **North Ave New Rochelle**  
 Project #: **16461**  
 Project Manager: **Justin Halpin**  
 ALPHA Quote #: \_\_\_\_\_

### Turn-Around Time

Standard  RUSH (only confirmed if pre-approved)

Date Due: \_\_\_\_\_ Time: \_\_\_\_\_

Date Rec'd in Lab: **4/21/21**

### Report Information - Data Deliverables

FAX  
 ADEx  
 Criteria Checker: \_\_\_\_\_  
(Default based on Regulatory Criteria Indicated)  
 Other Formats:  
 EMAIL (standard pdf report)  
 Additional Deliverables:  
 Report to: (if different than Project Manager)

ALPHA Job #: **L2119913**

### Billing Information

Same as Client info PO #: **34010**

### Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List:

## All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION						Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15 TO-15 SIM APH <small>Subtract Non-petroleum HCs</small> Fixed Gases Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum								
19913-01	Influent	4-16-21	10:10	10:11	-29.4	-1	SV	SP	6L	771	Grab	✓	PID@ 1.3 PPM	
02	Effluent	4-16-21	10:01	10:02	-29.4	-1	SV	SP	6L	2005	Grab	✓	PID@ 00	

### \*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)  
 SV = Soil Vapor/Landfill Gas/SVE  
 Other = Please Specify

Container Type

Relinquished By: **[Signature]** Date/Time: **4/20/21 12:30**  
 Received By: **[Signature]** Date/Time: **4/20/21 9:50**  
**4/21/21 03:25**

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.