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August 10, 2022

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

Re: Schmukler's Dry Cleaners--Site No. C360088  
Brownfield Cleanup Agreement  
City of New Rochelle, Westchester County

Dear Mrs. Thompson,

### **Introduction**

This correspondence is a summary of bi-annual sampling activities conducted at the Schmukler's Cleaners' site located at 358-364 North Avenue, New Rochelle, New York (area & site map included as Figure-1 and Figure-2). The sampling activities were conducted on July 20<sup>th</sup>, 2022 and included: well gauging, well sampling and testing. Field parameters were also recorded, which included sampling for dissolved oxygen (D.O), pH, temperature, conductivity and oxygen reduction potential (ORP).

A site map was developed depicting the groundwater flow direction (Figure-2) and separate tables are included listing the Depth to Groundwater (DTW) measurements and field parameter readings. (Table-1 and Table-2).

### **Quarterly Monitoring and Sampling**

The latest monitoring/sampling event was conducted on July 20<sup>th</sup>, 2022 which included the following activities:

- DTW measurements on monitoring wells (4 wells)
- Field parameter readings
- Purging and sampling of on/off-site groundwater monitoring wells
- Testing of wells by EPA method 8260 (MW-11 & MW-12) and 8270BN (MW-3, MW-11, MW-12, & BW-2)
- Preparation of summary report

At the time of the sampling, depth to groundwater across the subject property was measured between 2.60' ft. (basement MW-12) and 11.05 ft. bgs (BW-2). Previous water table elevation measurements were used to prepare the site specific groundwater flow map (Figure 2). Based upon prior site data and past survey data using five (5) key wells (BW-1-4 and MW-1) the flow direction was determined to continue to flow to the southeast.

### **Dissolved Oxygen**

Dissolved oxygen (D O) was recorded at each well location. D.O. measurements ranged from 4.08 mg/l in MW-12 to 4.66 mg/l in BW-2. Additional parameters such as pH, temperature, conductivity and ORP were also gauged at the wells on July 20<sup>th</sup>, 2022. Please see Table-2.

### **Groundwater Sampling**

Subsequent to the recording of groundwater measurements, the monitoring wells were adequately purged then sampled for VOCs via method 8260C and SVOCs via method 8270BN (MW-11 and 12). The samples were analyzed by American Analytical Laboratories, a NYSDOH-ELAP certified laboratory under appropriate chain of custody protocols. Laboratory data summary sheets are provided as Table-3a-b. Certified original lab results are attached as Appendix-A.

The results of the laboratory analysis were compared to NYSDEC Class GA Groundwater Standards and Guidance Values (SGVs) set forth in the Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 reissued June 1998, addenda April 2000 and June 2004. Chlorinated constituents tetrachloroethene (PCE), trichloroethene (TCE) and dichloroethene (1,2 DCE) all have a groundwater standard of 5 *ppb* and Vinyl Chloride (VC) has a standard of 2 *ppb*. Quarterly sampling results are summarized in Tables-3a-b, which report the presence of chlorinated VOCs and fuel oil SVOCs detected. Detections recorded above the TOGS groundwater standards are highlighted on Table-3.

VOCs were present above the TOGS standards for groundwater in monitoring well MW-11 only. Well MW-11 detected PCE concentrations above standards at 6.7 *ppb*, TCE concentrations below standards at 1.7 *ppb*, Total DCE concentrations above standards at 45.4 *ppb*, and VC concentrations below standards at 1.9 *ppb*. Well MW-12 reported non-detect readings for PCE, TCE, Total DCE, and VC concentrations during this recent sampling event.

### **Conclusions**

Based upon the results of the July 2022 groundwater sampling event, the following conclusions and recommendations have been noted: A Site Management Plan (SMP) has been revised, completed and submitted for September 2021, which discusses the management of remaining contamination within the subject study area in order to meet Track-4 restricted-residential site-use. A Supplemental Remedial Action Plan was completed and submitted for approval in August 2020 and has since been conducted. The RAP involved the application of molasses as a carbon source to promote anaerobic

degradation with monitoring of these parameters. The procedure and results of the molasses applications are discussed in the most recent submission of the Final Engineering Report (FER) on September 30<sup>th</sup>, 2021.

BEI personnel will continue to monitor contamination at the site. The next bi-annual sampling event is scheduled for January 2023. Should you have any questions or concerns, please do not hesitate to contact me.

Sincerely,



***John V. Soderberg P.E***

cc Hal Shapiro (client)  
Justin Halpin (BEI)  
Melissa Doroski (NYSDOH)

## FIGURES



- ⊕ -Application Well Location MW-3
- ⊕ -Viable Existing Monitoring Well
- ⊕ -Bedrock Monitoring Well
- ⊕ -New Pilot Study Monitoring Well Locations
- ⊕ -Non-Viable Existing Monitoring Well
- Study Area

**Monitoring  
Well Locations  
Figure-1**

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

Drawn: JGH



KEY: Ground Elev.' 78 asl'  
 Tran. Height' 5.02'  
 Shooting Elev.' 83.02'  
 68' elevation contour  
 65.74 monitoring well  
 with water table elevation

Data	BW-1	BW-2	BW-3	BW-4	MW-1
Casing Elev.'	78.03	75.93	77.01	75.01	79.79
DTW'	9.78	10.19	9.88	10.71	13.12
Elevation W.T	68.25'	65.74	67.13	64.30	66.67

Groundwater Flow Model  
 Figure- 2

John V. Soderberg  
 PO Box 263  
 Stony Brook, NY

# TABLES

**Table 1**  
**MONITORING WELL MEASUREMENTS**  
**Schmuklers Cleaners**  
**358 North Avenue**  
**New Rochelle, NY**  
**Site No.: C-360088**

**Date: July 20, 2022**

Well No.	DTW	Product Thickness	Dissolved Oxygen (ppm)
MW-3	10.39		4.19
MW-11	2.76		4.33
MW-12	2.60		4.08
BW-2	11.05		4.66

**Abbreviation Key**

DTW - Depth to Water from Casing (ft)  
DTP - Depth to Product from Casing (ft)  
PT - Product Thickness (ft)  
T - Trace Product

D - Dry  
C - Cannot Locate  
G - Gone / Destroyed  
n/d - non-detect

V - Disabled Vehicle over Well  
R - Recovery Pump in Well  
n/s - not sampled



Site Name: Schmuklers Cleaners  
Table-2

Groundwater Data Collection Form

Date: 07/20/2022

Sampler: Steven Polen

Well	DTW	D.O	Cond.	ORP	PH	TEMP (C°)	TDS
MW-1							
MW-3	10.39	4.19	608.1	-69	6.83	21.6	402.9
MW-7							
MW-8							
MW-10							
MW-11*	2.76	4.33	594.8	89	6.70	22.1	396.4
MW-12*	2.60	4.08	714.6	-76	6.88	20.8	477.8
BW-1							
BW-2	11.05	4.66	1632	-82	6.43	21.5	1130.0
BW-4							

\*basement wells

Schmukler's Cleaners  
 358-364 North Ave.  
 New Rochelle, NY  
 As of July 2022  
 Table-3a

MW-1	DTW	PCE	TCE	Total DCE	VC
Jul-22	NA	NA	NA	NA	NA
Jan-22	NA	NA	NA	NA	NA
Sept-21	NA	NA	NA	NA	NA
Jan-21	11.35	n/d	n/d	n/d	n/d
Jul-20	11.72	1.9	n/d	n/d	n/d
Jan-20	11.63	1.1	n/d	n/d	n/d
Jul-19	9.51	0.8	n/d	n/d	n/d
Jan-19	11.20	9.8	0.5	n/d	n/d
Jul-18	11.61	0.4	n/d	n/d	n/d
Nov-17	12.37	1.7	n/d	n/d	n/d
Jul-17	11.54	1.1	n/d	n/d	n/d
Jan-17	12.31	1.0	n/d	n/d	n/d
Oct-16	12.20	1.0	n/d	n/d	n/d
Jul-16	12.27	1.2	n/d	n/d	n/d
Apr-16	11.89	0.8	n/d	n/d	n/d
Jan-16	12.26	2.3	n/d	n/d	n/d

MW-3	DTW	PCE	TCE	Total DCE	VC
Jul-22	10.39	NA	NA	NA	NA
Jan-22	11.78	NA	NA	NA	NA
Sept-21	10.55	NA	NA	NA	NA
Jan-21	11.61	43,000.0	4,500.0	3,100.0	n/d
Jul-20	11.45	41,000.0	5,100.0	1,827.0	110.0
Jan-20	11.21	43,000	2,200.0	1,509.8	18
Jul-19	5.11	11,000	n/d	n/d	n/d
Jan-19	10.25	130,000	520.0	283.0	7.6
Jul-18	11.21	16,000	3,300.0	1,414.0	46
Nov-17	12.52	3,400	6,000.0	2,290.0	53
Jul-17	11.28	17,000	2,100.0	1,612.0	73
Jan-17	12.14	13,000	1,700.0	1,311.0	50
Oct-16	12.00	5,200	1,900.0	977.0	23
Jul-16	12.05	17,000	2,200.0	780.0	19
Apr-16	11.61	8,500	3,400.0	1,527.0	64
Jan-16	12.29	18,000	7,300.0	2,324.0	99

MW-7	DTW	PCE	TCE	Total DCE	VC
Jul-22	NA	NA	NA	NA	NA
Jan-22	NA	NA	NA	NA	NA
Sept-21	NA	NA	NA	NA	NA
Jan-21	10.67	2.0	n/d	n/d	n/d
Jul-20	11.05	4.6	n/d	n/d	n/d
Jan-20	10.99	1.8	n/d	0.86	n/d
Jul-19	7.44	6.6	n/d	n/d	n/d
Jan-19	10.35	1.4	n/d	n/d	n/d
Jul-18	10.92	2.0	n/d	n/d	n/d
Nov-17	DRY				
Jul-17	10.87	1.2	0.4	1.9	n/d
Jan-17	11.94	1.0	n/d	n/d	n/d
Oct-16	11.81	6.0	1.0	14	n/d
Jul-16	11.86	2.0	n/d	3.5	n/d
Apr-16		n/s			
Jan-16	12.01	n/s			

MW-8	DTW	PCE	TCE	Total DCE	VC
Jul-22	NA	NA	NA	NA	NA
Jan-22	NA	NA	NA	NA	NA
Sept-21	10.59	NA	NA	NA	NA
Jan-21	10.35	5.8	n/d	n/d	n/d
Jul-20	11.07	2.1	n/d	n/d	n/d
Jan-20	10.90	3.6	n/d	n/d	n/d
Jul-19	6.89	4.6	n/d	n/d	n/d
Jan-19	9.75	1.1	n/d	n/d	n/d
Jul-18	10.98	0.7	n/d	n/d	n/d
Nov-17	DRY				
Jul-17	10.78	1.2	n/d	n/d	n/d
Jan-17	11.99	2.0	n/d	n/d	n/d
Oct-16	11.86	4.0	0.42	n/d	n/d
Jul-16	11.93	2.0	n/d	n/d	n/d
Apr-16		n/s			
Jan-16	12.29	n/s			

MW-9	DTW	PCE	TCE	Total DCE	VC
Jul-22	NA	NA	NA	NA	NA
Jan-22	GONE	-	-	-	-
Sept-21	GONE	-	-	-	-
Jan-21	GONE	-	-	-	-
Jul-20	GONE	-	-	-	-
Jan-20	GONE	-	-	-	-
Jul-19	GONE	-	-	-	-
Jan-19	GONE	-	-	-	-
Jul-18	11.03	72	0.6	n/d	n/d
Nov-17	11.91	39	n/d	6.8	n/d
Jul-17	11.00	110	0.5	n/d	n/d
Jan-17	11.95	100	1.0	0.3	n/d
Oct-16	11.84	67	3.0	4.0	0.036
Jul-16	11.91	170	2.0	n/d	n/d
Apr-16	11.45	120	5.4	10.0	n/d
Jan-16	12.10	220	2.3	n/d	n/d

MW-10	DTW	PCE	TCE	Total DCE	VC
Jul-22	NA	NA	NA	NA	NA
Jan-22	NA	NA	NA	NA	NA
Sept-21	NA	NA	NA	NA	NA
Jan-21	10.55	2.1	n/d	n/d	n/d
Jul-20	11.12	4.2	n/d	n/d	n/d
Jan-20	10.91	7.7	n/d	n/d	n/d
Jul-19	4.98	7.0	n/d	n/d	n/d
Jan-19	9.95	1.1	n/d	n/d	n/d
Jul-18	11.06	0.8	0.6	3.4	n/d
Nov-17	DRY				
Jul-17	10.90	1.2	0.6	3.1	n/d
Jan-17	11.91	1.0	1.0	1	n/d
Oct-16	11.82	3.0	n/d	4	n/d
Jul-16	11.89	2.0	n/d	2	n/d
Apr-16	11.24	1.6	n/d	3	n/d
Jan-16	12.14	27.0	n/d	3.3	n/d

MW-11*	DTW	PCE	TCE	Total DCE	VC
Jul-22	2.76	6.7	1.7	45.4	1.9
Jan-22	4.14	190.0	73	251.1	1
Sept-21	2.85	15.0	38	301.5	n/d
Jan-21	4.01	21.0	n/d	8.7	n/d
Jul-20	4.32	5.8	n/d	5.68	n/d
Jan-20	4.78	30.0	n/d	23	n/d
Jul-19	4.71	0.7	n/d	2.85	n/d
Jan-19	4.21	n/d	n/d	0.79	n/d
Jul-18	4.11	n/d	n/d	2.2	n/d
Nov-17	4.53	1.5	2.9	0.32	n/d
Jul-17	3.90	n/d	n/d	0.51	n/d
Jan-17	4.36	2.0	2	3	n/d
DRY					
Jul-16	4.35	n/d	n/d	n/d	n/d
Apr-16	3.85	1.3	1.4	4	n/d
Jan-16	4.30	2.8	n/d	n/d	n/d

MW-12*	DTW	PCE	TCE	Total DCE	VC
Jul-22	2.60	n/d	n/d	n/d	n/d
Jan-22	4.07	78	21.0	39.0	n/d
Sept-21	2.70	1.1	n/d	1.0	n/d
Jan-21	3.61	n/d	n/d	n/d	n/d
Jul-20	3.85	2.4	n/d	0.6	n/d
Jan-20	2.70	9.4	n/d	n/d	n/d
Jul-19	2.62	n/d	n/d	1.5	n/d
Jan-19	3.41	n/d	n/d	n/d	n/d
Jul-18	4.90	n/d	n/d	0.9	n/d
Nov-17	4.51	0.92	n/d	1.0	n/d
Jul-17	3.59	n/d	n/d	1.5	n/d
Jan-17	4.57	1	n/d	2.0	n/d
Oct-16	4.45	2	n/d	1.0	n/d
Jul-16	4.51	n/d	n/d	3.0	n/d
Apr-16	3.67	n/d	n/d	2.0	n/d
Jan-16	4.51	n/d	n/d	4.1	n/d

BW-1	DTW	PCE	TCE	Total DCE	VC
Jul-22	NA	NA	NA	NA	NA
Jan-22	NA	NA	NA	NA	NA
Sept-21	NA	NA	NA	NA	NA
Jan-21	9.52	n/d	n/d	n/d	n/d
Jul-20	9.97	n/d	n/d	n/d	n/d
Jan-20	9.21	n/d	n/d	n/d	n/d
Jul-19	9.18	n/d	n/d	n/d	n/d
Jan-19	10.52	n/d	n/d	n/d	n/d
Jul-18	10.62	n/d	n/d	n/d	n/d
Nov-17	10.45	n/d	n/d	n/d	n/d
Jul-17	9.83	n/d	n/d	n/d	n/d
Jan-17	10.23	1.0	n/d	n/d	n/d
Oct-16	10.14	n/d	n/d	n/d	n/d
Jul-16	10.19	n/d	n/d	n/d	n/d
Apr-16	10.95	n/d	n/d	n/d	n/d
Jan-16	12.16	n/d	n/d	n/d	n/d

BW-2	DTW	PCE	TCE	Total DCE	VC
Jul-22	11.05	NA	NA	NA	NA
Jan-22	11.5	NA	NA	NA	NA
Sept-21	10.75	NA	NA	NA	NA
Jan-21	11.60	n/d	n/d	n/d	n/d
Jul-20	12.01	1.3	n/d	n/d	n/d
Jan-20	12.41	n/d	n/d	n/d	n/d
Jul-19	10.39	4.3	n/d	n/d	n/d
Jan-19	Vehicle	over	well		
Jul-18	11.92	floating	product	in	well
Nov-17	10.65	n/d	n/d	n/d	n/d
Jul-17	11.46	n/d	n/d	n/d	n/d
Jan-17	12.17	0.5	n/d	n/d	n/d
Oct-16	12.04	0.5	n/d	n/d	n/d
Jul-16	12.10	n/d	n/d	n/d	n/d
Apr-16	11.61	n/d	n/d	n/d	n/d
Jan-16	12.19	n/d	n/d	n/d	n/d

BW-4	DTW	PCE	TCE	Total DCE	VC
Jul-22	NA	NA	NA	NA	NA
Jan-22	NA	NA	NA	NA	NA
Sept-21	10.69	NA	NA	NA	NA
Jan-21	11.31	n/d	n/d	n/d	n/d
Jul-20	12.63	n/d	n/d	2.7	n/d
Jan-20	8.40	n/d	n/d	n/d	n/d
Jul-19	13.17	Product	in	well	1.0"
Jan-19	10.32	Product	in	well	1/4"
Jul-18	Product	in	well		
Nov-17	DRY	n/d	n/d	0.68	n/d
Jul-17	12.61	n/d	n/d	0.59	n/d
Jan-17	13.13	32.0	2.8	2	n/d
Oct-16	13.07	n/d	n/d	1	n/d
Jul-16	13.11	n/d	n/d	1	n/d
Apr-16	12.83	n/d	n/d	1	n/d
Jan-16	12.19	<1	n/d	1.6	n/d

n/d - non-detect  
 n/s - not sampled  
 \* basement wells

**Schmukler's Cleaners**  
**358-364 North Ave.**  
**New Rochelle, NY**  
**As of July 2022**  
**Table-3b**

SVOCS (total ppb)

<b>MW-3</b>	<b>DTW</b>	2-methylnaphthalene	Phenanthrene	Bis (2-ethylhexyl)phthalate	Fluorene	Acenaphthene	Anthracene	Naphthalene
Jul-22	10.39	12.9	1.2	1.6	n/d	n/d	n/d	7.3
Jan-22	11.78	9.6	0.73	n/d	0.8	0.7	n/d	7.9
Sept-21	10.55	6.7	0.71	n/d	n/d	n/d	n/d	4.4
Jan-20	11.21	n/d	n/d	1.1	n/d	n/d	n/d	n/d
Jul-20	11.45	n/d	n/d	1.1	n/d	n/d	n/d	n/d
Jan-21	11.61	35	4.2	n/d	1.9	1.7	n/d	21

<b>MW-11*</b>	<b>DTW</b>	2-methylnaphthalene	Phenanthrene	Bis (2-ethylhexyl)phthalate	Fluorene	Acenaphthene	Anthracene	Naphthalene
Jul-22	2.76	516	22.6	1.7	12.1	11.1	2.9	261
Jan-22	4.14	460	36	n/d	17	13	2.4	310
Sept-21	2.85	390	52	1.4	21	16	3.7	180
Jan-17	4.36	91	8.7	0.74	4.5	n/d	1.1	93
Jul-17	3.90	240	47	n/d	20	n/d	6.6	110
Nov-17	4.53	230	53	n/d	27	19	4.8	110
Jul-18	4.11	170.00	20.00	n/d	8.50	7.50	2.70	110
Jan-19	4.21	990	150	1.7	39	33	4.9	490
Jul-19	4.71	540	69	n/d	25	21	8.5	320
Jan-20	4.78	610	110	1.3	34	29	13	320
Jul-20	4.35	580	64	1.7	24	20	8.4	340
Jan-21	4.01	970	200	n/d	74	67	35	360

<b>MW-12*</b>	<b>DTW</b>	2-methylnaphthalene	Phenanthrene	Bis (2-ethylhexyl)phthalate	Fluorene	Acenaphthene	Anthracene	Naphthalene
Jul-22	2.6	116	4.2	1.5	3.7	3.7	n/d	60.6
Jan-22	4.07	25	6.7	1.1	4.8	3.8	0.65	n/d
Sept-21	2.70	3.4	n/d	n/d	2.7	3.1	n/d	12
Jan-17	4.57	340	70	0.79	29	21	7	140
Jul-17	3.59	720	250	n/d	89	81	40	150
Nov-17	4.51	230	59	1.2	27	19	4.8	110
Jul-18	4.9	21	19	n/d	10	n/d	5.1	15
Jan-19	3.41	820	240	2.8	59	51	9.3	420
Jul-19	2.62	420	80	1.1	31	28	13	320
Jan-20	2.70	230	44	1.3	20	17	4.6	230
Jul-20	3.85	130	18	1.1	10	9	0.69	180
Jan-21	3.61	510	110	n/d	48	41	n/d	390

<b>BW-2</b>	<b>DTW</b>	2-methylnaphthalene	Phenanthrene	Bis (2-ethylhexyl)phthalate	Fluorene	Acenaphthene	Anthracene	Naphthalene
Jul-22	11.05	507	32.8	1.5	15.4	14.8	n/d	3.6
Jan-22	11.5	150	24	1.8	13	11	1.6	4.4
Sept-21	10.75	240	25	n/d	16	13	2.4	7.4

highlighted=above TOGS Standard and/or GV

Appendix-A

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Lab Data

August 09, 2022

Justin Halpin  
WRS d.b.a. Berninger Environmental  
17 Old Dock Road  
Yaphank, NY 11980

RE: Project: SCHUMUCKLERS CLEANERS/ 17977  
Pace Project No.: 70222828

Dear Justin Halpin:

Enclosed are the analytical results for sample(s) received by the laboratory on July 20, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Lori A. Beyer  
lori.beyer@pacelabs.com  
(516)370-6014  
Project Manager

Enclosures

cc: Alicia Patti, WRS d.b.a. Berninger Environmental



## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

## CERTIFICATIONS

Project: SCHUMUCKLERS CLEANERS/ 17977

Pace Project No.: 70222828

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### **Pace Analytical Services Long Island**

575 Broad Hollow Rd, Melville, NY 11747

Connecticut Certification #: PH-0435

Delaware Certification # NY 10478

Maryland Certification #: 208

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350

Rhode Island Certification #: LAO00340

Virginia Certification # 460302

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: SCHUMUCKLERS CLEANERS/ 17977

Pace Project No.: 70222828

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70222828001	MW-3	Water	07/20/22 10:35	07/20/22 12:45
70222828002	MW-11	Water	07/20/22 11:30	07/20/22 12:45
70222828003	MW-12	Water	07/20/22 11:45	07/20/22 12:45
70222828004	BW-2	Water	07/20/22 10:00	07/20/22 12:45

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### SAMPLE ANALYTE COUNT

Project: SCHUMUCKLERS CLEANERS/ 17977

Pace Project No.: 70222828

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70222828001	MW-3	EPA 8270E	RP1	63
70222828002	MW-11	EPA 8270E	RP1	63
		EPA 8260D/5030C	KGG	73
70222828003	MW-12	EPA 8270E	RP1	64
		EPA 8260D/5030C	KGG	73
70222828004	BW-2	EPA 8270E	RP1	63

PACE-MV = Pace Analytical Services - Melville

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### ANALYTICAL RESULTS

Project: SCHUMUCKLERS CLEANERS/ 17977

Pace Project No.: 70222828

Sample: MW-3 Lab ID: 70222828001 Collected: 07/20/22 10:35 Received: 07/20/22 12:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV</b>									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Melville									
Acenaphthene	<0.26	ug/L	5.0	0.26	1	07/26/22 11:12	07/29/22 22:31	83-32-9	
Acenaphthylene	<0.34	ug/L	5.0	0.34	1	07/26/22 11:12	07/29/22 22:31	208-96-8	
Acetophenone	<0.44	ug/L	5.0	0.44	1	07/26/22 11:12	07/29/22 22:31	98-86-2	
Anthracene	<0.42	ug/L	5.0	0.42	1	07/26/22 11:12	07/29/22 22:31	120-12-7	
Atrazine	<2.0	ug/L	5.0	2.0	1	07/26/22 11:12	07/29/22 22:31	1912-24-9	
Benzaldehyde	<4.9	ug/L	5.0	4.9	1	07/26/22 11:12	07/29/22 22:31	100-52-7	IC,v3
Benzo(a)anthracene	<0.44	ug/L	5.0	0.44	1	07/26/22 11:12	07/29/22 22:31	56-55-3	
Benzo(a)pyrene	<0.75	ug/L	5.0	0.75	1	07/26/22 11:12	07/29/22 22:31	50-32-8	
Benzo(b)fluoranthene	<0.64	ug/L	5.0	0.64	1	07/26/22 11:12	07/29/22 22:31	205-99-2	
Benzo(g,h,i)perylene	<0.84	ug/L	5.0	0.84	1	07/26/22 11:12	07/29/22 22:31	191-24-2	
Benzo(k)fluoranthene	<0.76	ug/L	5.0	0.76	1	07/26/22 11:12	07/29/22 22:31	207-08-9	
Biphenyl (Diphenyl)	<0.36	ug/L	5.0	0.36	1	07/26/22 11:12	07/29/22 22:31	92-52-4	
4-Bromophenylphenyl ether	<0.47	ug/L	5.0	0.47	1	07/26/22 11:12	07/29/22 22:31	101-55-3	
Butylbenzylphthalate	<0.40	ug/L	5.0	0.40	1	07/26/22 11:12	07/29/22 22:31	85-68-7	
Caprolactam	<1.4	ug/L	5.0	1.4	1	07/26/22 11:12	07/29/22 22:31	105-60-2	IC
Carbazole	<0.34	ug/L	5.0	0.34	1	07/26/22 11:12	07/29/22 22:31	86-74-8	
4-Chloroaniline	<0.38	ug/L	5.0	0.38	1	07/26/22 11:12	07/29/22 22:31	106-47-8	
bis(2-Chloroethoxy)methane	<0.38	ug/L	5.0	0.38	1	07/26/22 11:12	07/29/22 22:31	111-91-1	
bis(2-Chloroethyl) ether	<0.33	ug/L	5.0	0.33	1	07/26/22 11:12	07/29/22 22:31	111-44-4	
2-Chloronaphthalene	<0.33	ug/L	5.0	0.33	1	07/26/22 11:12	07/29/22 22:31	91-58-7	
4-Chlorophenylphenyl ether	<0.37	ug/L	5.0	0.37	1	07/26/22 11:12	07/29/22 22:31	7005-72-3	
Chrysene	<0.47	ug/L	5.0	0.47	1	07/26/22 11:12	07/29/22 22:31	218-01-9	
Dibenz(a,h)anthracene	<0.93	ug/L	5.0	0.93	1	07/26/22 11:12	07/29/22 22:31	53-70-3	
Dibenzofuran	<0.37	ug/L	5.0	0.37	1	07/26/22 11:12	07/29/22 22:31	132-64-9	
1,2-Dichlorobenzene	1.9J	ug/L	5.0	0.37	1	07/26/22 11:12	07/29/22 22:31	95-50-1	L2
1,3-Dichlorobenzene	<0.39	ug/L	5.0	0.39	1	07/26/22 11:12	07/29/22 22:31	541-73-1	
1,4-Dichlorobenzene	1.5J	ug/L	5.0	0.39	1	07/26/22 11:12	07/29/22 22:31	106-46-7	
3,3'-Dichlorobenzidine	<0.53	ug/L	5.0	0.53	1	07/26/22 11:12	07/29/22 22:31	91-94-1	
Diethylphthalate	<0.42	ug/L	5.0	0.42	1	07/26/22 11:12	07/29/22 22:31	84-66-2	
Dimethylphthalate	<0.56	ug/L	5.0	0.56	1	07/26/22 11:12	07/29/22 22:31	131-11-3	
Di-n-butylphthalate	<0.69	ug/L	5.0	0.69	1	07/26/22 11:12	07/29/22 22:31	84-74-2	
2,4-Dinitrotoluene	<0.35	ug/L	5.0	0.35	1	07/26/22 11:12	07/29/22 22:31	121-14-2	
2,6-Dinitrotoluene	<0.44	ug/L	5.0	0.44	1	07/26/22 11:12	07/29/22 22:31	606-20-2	
Di-n-octylphthalate	<0.76	ug/L	5.0	0.76	1	07/26/22 11:12	07/29/22 22:31	117-84-0	
bis(2-Ethylhexyl)phthalate	1.6J	ug/L	5.0	0.61	1	07/26/22 11:12	07/29/22 22:31	117-81-7	IC
Fluoranthene	<0.40	ug/L	5.0	0.40	1	07/26/22 11:12	07/29/22 22:31	206-44-0	
Fluorene	<0.38	ug/L	5.0	0.38	1	07/26/22 11:12	07/29/22 22:31	86-73-7	
Hexachloro-1,3-butadiene	<0.46	ug/L	5.0	0.46	1	07/26/22 11:12	07/29/22 22:31	87-68-3	
Hexachlorobenzene	<0.35	ug/L	5.0	0.35	1	07/26/22 11:12	07/29/22 22:31	118-74-1	
Hexachlorocyclopentadiene	<2.2	ug/L	5.0	2.2	1	07/26/22 11:12	07/29/22 22:31	77-47-4	v3
Hexachloroethane	<0.43	ug/L	5.0	0.43	1	07/26/22 11:12	07/29/22 22:31	67-72-1	
Indeno(1,2,3-cd)pyrene	<0.88	ug/L	5.0	0.88	1	07/26/22 11:12	07/29/22 22:31	193-39-5	
Isophorone	<0.39	ug/L	5.0	0.39	1	07/26/22 11:12	07/29/22 22:31	78-59-1	
2-Methylnaphthalene	12.9	ug/L	5.0	0.34	1	07/26/22 11:12	07/29/22 22:31	91-57-6	
Naphthalene	7.3	ug/L	5.0	0.37	1	07/26/22 11:12	07/29/22 22:31	91-20-3	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: SCHUMUCKLERS CLEANERS/ 17977

Pace Project No.: 70222828

**Sample: MW-3**      **Lab ID: 70222828001**      Collected: 07/20/22 10:35      Received: 07/20/22 12:45      Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV</b>									
Analytical Method: EPA 8270E    Preparation Method: EPA 3510C									
Pace Analytical Services - Melville									
2-Nitroaniline	<0.40	ug/L	5.0	0.40	1	07/26/22 11:12	07/29/22 22:31	88-74-4	v3
3-Nitroaniline	<0.30	ug/L	5.0	0.30	1	07/26/22 11:12	07/29/22 22:31	99-09-2	
4-Nitroaniline	<0.39	ug/L	5.0	0.39	1	07/26/22 11:12	07/29/22 22:31	100-01-6	
Nitrobenzene	<0.50	ug/L	5.0	0.50	1	07/26/22 11:12	07/29/22 22:31	98-95-3	
N-Nitroso-di-n-propylamine	<0.42	ug/L	5.0	0.42	1	07/26/22 11:12	07/29/22 22:31	621-64-7	
N-Nitrosodiphenylamine	<0.35	ug/L	5.0	0.35	1	07/26/22 11:12	07/29/22 22:31	86-30-6	
2,2'-Oxybis(1-chloropropane)	<0.38	ug/L	5.0	0.38	1	07/26/22 11:12	07/29/22 22:31	108-60-1	
Phenanthrene	1.2J	ug/L	5.0	0.35	1	07/26/22 11:12	07/29/22 22:31	85-01-8	
Pyrene	<0.41	ug/L	5.0	0.41	1	07/26/22 11:12	07/29/22 22:31	129-00-0	
1,2,4-Trichlorobenzene	<0.38	ug/L	5.0	0.38	1	07/26/22 11:12	07/29/22 22:31	120-82-1	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	53	%	30-113		1	07/26/22 11:12	07/29/22 22:31	4165-60-0	
2-Fluorobiphenyl (S)	57	%	13-100		1	07/26/22 11:12	07/29/22 22:31	321-60-8	
p-Terphenyl-d14 (S)	69	%	10-138		1	07/26/22 11:12	07/29/22 22:31	1718-51-0	
Phenol-d5 (S)	32	%	10-100		1	07/26/22 11:12	07/29/22 22:31	4165-62-2	
2-Fluorophenol (S)	40	%	26-113		1	07/26/22 11:12	07/29/22 22:31	367-12-4	
2,4,6-Tribromophenol (S)	93	%	10-168		1	07/26/22 11:12	07/29/22 22:31	118-79-6	
2-Chlorophenol-d4 (S)	54	%	29-98		1	07/26/22 11:12	07/29/22 22:31	93951-73-6	
1,2-Dichlorobenzene-d4 (S)	34	%	14-101		1	07/26/22 11:12	07/29/22 22:31	2199-69-1	

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### ANALYTICAL RESULTS

Project: SCHUMUCKLERS CLEANERS/ 17977

Pace Project No.: 70222828

Sample: MW-11 Lab ID: 70222828002 Collected: 07/20/22 11:30 Received: 07/20/22 12:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV</b>									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Melville									
Acenaphthene	11.1	ug/L	5.0	0.26	1	07/26/22 11:12	07/29/22 23:02	83-32-9	
Acenaphthylene	<0.34	ug/L	5.0	0.34	1	07/26/22 11:12	07/29/22 23:02	208-96-8	
Acetophenone	<0.44	ug/L	5.0	0.44	1	07/26/22 11:12	07/29/22 23:02	98-86-2	
Anthracene	2.9J	ug/L	5.0	0.42	1	07/26/22 11:12	07/29/22 23:02	120-12-7	
Atrazine	<2.0	ug/L	5.0	2.0	1	07/26/22 11:12	07/29/22 23:02	1912-24-9	
Benzaldehyde	<4.9	ug/L	5.0	4.9	1	07/26/22 11:12	07/29/22 23:02	100-52-7	IC,v3
Benzo(a)anthracene	<0.44	ug/L	5.0	0.44	1	07/26/22 11:12	07/29/22 23:02	56-55-3	
Benzo(a)pyrene	<0.75	ug/L	5.0	0.75	1	07/26/22 11:12	07/29/22 23:02	50-32-8	
Benzo(b)fluoranthene	<0.64	ug/L	5.0	0.64	1	07/26/22 11:12	07/29/22 23:02	205-99-2	
Benzo(g,h,i)perylene	<0.84	ug/L	5.0	0.84	1	07/26/22 11:12	07/29/22 23:02	191-24-2	
Benzo(k)fluoranthene	<0.76	ug/L	5.0	0.76	1	07/26/22 11:12	07/29/22 23:02	207-08-9	
Biphenyl (Diphenyl)	<0.36	ug/L	5.0	0.36	1	07/26/22 11:12	07/29/22 23:02	92-52-4	
4-Bromophenylphenyl ether	<0.47	ug/L	5.0	0.47	1	07/26/22 11:12	07/29/22 23:02	101-55-3	
Butylbenzylphthalate	<0.40	ug/L	5.0	0.40	1	07/26/22 11:12	07/29/22 23:02	85-68-7	
Caprolactam	<1.4	ug/L	5.0	1.4	1	07/26/22 11:12	07/29/22 23:02	105-60-2	IC
Carbazole	9.9	ug/L	5.0	0.34	1	07/26/22 11:12	07/29/22 23:02	86-74-8	
4-Chloroaniline	<0.38	ug/L	5.0	0.38	1	07/26/22 11:12	07/29/22 23:02	106-47-8	
bis(2-Chloroethoxy)methane	<0.38	ug/L	5.0	0.38	1	07/26/22 11:12	07/29/22 23:02	111-91-1	
bis(2-Chloroethyl) ether	<0.33	ug/L	5.0	0.33	1	07/26/22 11:12	07/29/22 23:02	111-44-4	
2-Chloronaphthalene	<0.33	ug/L	5.0	0.33	1	07/26/22 11:12	07/29/22 23:02	91-58-7	
4-Chlorophenylphenyl ether	<0.37	ug/L	5.0	0.37	1	07/26/22 11:12	07/29/22 23:02	7005-72-3	
Chrysene	<0.47	ug/L	5.0	0.47	1	07/26/22 11:12	07/29/22 23:02	218-01-9	
Dibenz(a,h)anthracene	<0.93	ug/L	5.0	0.93	1	07/26/22 11:12	07/29/22 23:02	53-70-3	
Dibenzofuran	<0.37	ug/L	5.0	0.37	1	07/26/22 11:12	07/29/22 23:02	132-64-9	
1,2-Dichlorobenzene	<0.37	ug/L	5.0	0.37	1	07/26/22 11:12	07/29/22 23:02	95-50-1	L2
1,3-Dichlorobenzene	<0.39	ug/L	5.0	0.39	1	07/26/22 11:12	07/29/22 23:02	541-73-1	
1,4-Dichlorobenzene	<0.39	ug/L	5.0	0.39	1	07/26/22 11:12	07/29/22 23:02	106-46-7	
3,3'-Dichlorobenzidine	<0.53	ug/L	5.0	0.53	1	07/26/22 11:12	07/29/22 23:02	91-94-1	
Diethylphthalate	<0.42	ug/L	5.0	0.42	1	07/26/22 11:12	07/29/22 23:02	84-66-2	
Dimethylphthalate	<0.56	ug/L	5.0	0.56	1	07/26/22 11:12	07/29/22 23:02	131-11-3	
Di-n-butylphthalate	<0.69	ug/L	5.0	0.69	1	07/26/22 11:12	07/29/22 23:02	84-74-2	
2,4-Dinitrotoluene	<0.35	ug/L	5.0	0.35	1	07/26/22 11:12	07/29/22 23:02	121-14-2	
2,6-Dinitrotoluene	<0.44	ug/L	5.0	0.44	1	07/26/22 11:12	07/29/22 23:02	606-20-2	
Di-n-octylphthalate	<0.76	ug/L	5.0	0.76	1	07/26/22 11:12	07/29/22 23:02	117-84-0	
bis(2-Ethylhexyl)phthalate	1.7J	ug/L	5.0	0.61	1	07/26/22 11:12	07/29/22 23:02	117-81-7	IC
Fluoranthene	<0.40	ug/L	5.0	0.40	1	07/26/22 11:12	07/29/22 23:02	206-44-0	
Fluorene	12.1	ug/L	5.0	0.38	1	07/26/22 11:12	07/29/22 23:02	86-73-7	
Hexachloro-1,3-butadiene	<0.46	ug/L	5.0	0.46	1	07/26/22 11:12	07/29/22 23:02	87-68-3	
Hexachlorobenzene	<0.35	ug/L	5.0	0.35	1	07/26/22 11:12	07/29/22 23:02	118-74-1	
Hexachlorocyclopentadiene	<2.2	ug/L	5.0	2.2	1	07/26/22 11:12	07/29/22 23:02	77-47-4	v3
Hexachloroethane	<0.43	ug/L	5.0	0.43	1	07/26/22 11:12	07/29/22 23:02	67-72-1	
Indeno(1,2,3-cd)pyrene	<0.88	ug/L	5.0	0.88	1	07/26/22 11:12	07/29/22 23:02	193-39-5	
Isophorone	<0.39	ug/L	5.0	0.39	1	07/26/22 11:12	07/29/22 23:02	78-59-1	
2-Methylnaphthalene	516	ug/L	50.0	3.4	10	07/26/22 11:12	08/05/22 20:18	91-57-6	
Naphthalene	261	ug/L	50.0	3.7	10	07/26/22 11:12	08/05/22 20:18	91-20-3	

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## ANALYTICAL RESULTS

Project: SCHUMUCKLERS CLEANERS/ 17977

Project No.: 70222828

**Sample: MW-11**      **Lab ID: 70222828002**      Collected: 07/20/22 11:30      Received: 07/20/22 12:45      Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV</b>									
Analytical Method: EPA 8270E    Preparation Method: EPA 3510C									
Pace Analytical Services - Melville									
2-Nitroaniline	<0.40	ug/L	5.0	0.40	1	07/26/22 11:12	07/29/22 23:02	88-74-4	v3
3-Nitroaniline	<0.30	ug/L	5.0	0.30	1	07/26/22 11:12	07/29/22 23:02	99-09-2	
4-Nitroaniline	<0.39	ug/L	5.0	0.39	1	07/26/22 11:12	07/29/22 23:02	100-01-6	
Nitrobenzene	<0.50	ug/L	5.0	0.50	1	07/26/22 11:12	07/29/22 23:02	98-95-3	
N-Nitroso-di-n-propylamine	<0.42	ug/L	5.0	0.42	1	07/26/22 11:12	07/29/22 23:02	621-64-7	
N-Nitrosodiphenylamine	<0.35	ug/L	5.0	0.35	1	07/26/22 11:12	07/29/22 23:02	86-30-6	
2,2'-Oxybis(1-chloropropane)	<0.38	ug/L	5.0	0.38	1	07/26/22 11:12	07/29/22 23:02	108-60-1	
Phenanthrene	22.6	ug/L	5.0	0.35	1	07/26/22 11:12	07/29/22 23:02	85-01-8	
Pyrene	<0.41	ug/L	5.0	0.41	1	07/26/22 11:12	07/29/22 23:02	129-00-0	
1,2,4-Trichlorobenzene	<0.38	ug/L	5.0	0.38	1	07/26/22 11:12	07/29/22 23:02	120-82-1	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	67	%	30-113		1	07/26/22 11:12	07/29/22 23:02	4165-60-0	
2-Fluorobiphenyl (S)	65	%	13-100		1	07/26/22 11:12	07/29/22 23:02	321-60-8	
p-Terphenyl-d14 (S)	79	%	10-138		1	07/26/22 11:12	07/29/22 23:02	1718-51-0	
Phenol-d5 (S)	45	%	10-100		1	07/26/22 11:12	07/29/22 23:02	4165-62-2	
2-Fluorophenol (S)	57	%	26-113		1	07/26/22 11:12	07/29/22 23:02	367-12-4	
2,4,6-Tribromophenol (S)	104	%	10-168		1	07/26/22 11:12	07/29/22 23:02	118-79-6	
2-Chlorophenol-d4 (S)	75	%	29-98		1	07/26/22 11:12	07/29/22 23:02	93951-73-6	
1,2-Dichlorobenzene-d4 (S)	50	%	14-101		1	07/26/22 11:12	07/29/22 23:02	2199-69-1	
<b>8260D Volatile Organics</b>									
Analytical Method: EPA 8260D/5030C									
Pace Analytical Services - Melville									
Acetone	3.8J	ug/L	5.0	1.6	1		07/26/22 18:56	67-64-1	IH
Benzene	2.5	ug/L	1.0	0.22	1		07/26/22 18:56	71-43-2	
Bromobenzene	<0.21	ug/L	1.0	0.21	1		07/26/22 18:56	108-86-1	
Bromochloromethane	<0.18	ug/L	1.0	0.18	1		07/26/22 18:56	74-97-5	
Bromodichloromethane	<0.22	ug/L	1.0	0.22	1		07/26/22 18:56	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/26/22 18:56	75-25-2	
Bromomethane	<0.43	ug/L	1.0	0.43	1		07/26/22 18:56	74-83-9	v3
2-Butanone (MEK)	<1.3	ug/L	5.0	1.3	1		07/26/22 18:56	78-93-3	
n-Butylbenzene	5.7	ug/L	1.0	0.19	1		07/26/22 18:56	104-51-8	
sec-Butylbenzene	5.0	ug/L	1.0	0.21	1		07/26/22 18:56	135-98-8	
tert-Butylbenzene	<0.20	ug/L	1.0	0.20	1		07/26/22 18:56	98-06-6	
Carbon disulfide	<0.25	ug/L	1.0	0.25	1		07/26/22 18:56	75-15-0	
Carbon tetrachloride	<0.20	ug/L	1.0	0.20	1		07/26/22 18:56	56-23-5	
Chlorobenzene	<0.18	ug/L	1.0	0.18	1		07/26/22 18:56	108-90-7	
Chlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		07/26/22 18:56	75-45-6	N3
Chloroethane	<0.35	ug/L	1.0	0.35	1		07/26/22 18:56	75-00-3	v3
Chloroform	<0.20	ug/L	1.0	0.20	1		07/26/22 18:56	67-66-3	
Chloromethane	<0.20	ug/L	1.0	0.20	1		07/26/22 18:56	74-87-3	
2-Chlorotoluene	<0.23	ug/L	1.0	0.23	1		07/26/22 18:56	95-49-8	
4-Chlorotoluene	<0.25	ug/L	1.0	0.25	1		07/26/22 18:56	106-43-4	
Dibromochloromethane	<0.29	ug/L	1.0	0.29	1		07/26/22 18:56	124-48-1	
1,2-Dibromoethane (EDB)	<0.24	ug/L	1.0	0.24	1		07/26/22 18:56	106-93-4	
Dibromomethane	<0.24	ug/L	1.0	0.24	1		07/26/22 18:56	74-95-3	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: SCHUMUCKLERS CLEANERS/ 17977

Sample Project No.: 70222828

**Sample: MW-11**      **Lab ID: 70222828002**      Collected: 07/20/22 11:30      Received: 07/20/22 12:45      Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D Volatile Organics</b>		Analytical Method: EPA 8260D/5030C Pace Analytical Services - Melville							
1,2-Dichlorobenzene	<0.17	ug/L	1.0	0.17	1		07/26/22 18:56	95-50-1	
1,3-Dichlorobenzene	<0.23	ug/L	1.0	0.23	1		07/26/22 18:56	541-73-1	
1,4-Dichlorobenzene	<0.25	ug/L	1.0	0.25	1		07/26/22 18:56	106-46-7	
trans-1,4-Dichloro-2-butene	<0.54	ug/L	1.0	0.54	1		07/26/22 18:56	110-57-6	v3
Dichlorodifluoromethane	<0.24	ug/L	1.0	0.24	1		07/26/22 18:56	75-71-8	
1,1-Dichloroethane	<0.19	ug/L	1.0	0.19	1		07/26/22 18:56	75-34-3	
1,2-Dichloroethane	<0.19	ug/L	1.0	0.19	1		07/26/22 18:56	107-06-2	
1,1-Dichloroethene	<0.23	ug/L	1.0	0.23	1		07/26/22 18:56	75-35-4	
cis-1,2-Dichloroethene	45.4	ug/L	1.0	0.24	1		07/26/22 18:56	156-59-2	
trans-1,2-Dichloroethene	<0.19	ug/L	1.0	0.19	1		07/26/22 18:56	156-60-5	
1,2-Dichloropropane	<0.43	ug/L	1.0	0.43	1		07/26/22 18:56	78-87-5	
1,3-Dichloropropane	<0.22	ug/L	1.0	0.22	1		07/26/22 18:56	142-28-9	
2,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		07/26/22 18:56	594-20-7	
1,1-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/26/22 18:56	563-58-6	
cis-1,3-Dichloropropene	<0.26	ug/L	1.0	0.26	1		07/26/22 18:56	10061-01-5	
trans-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/26/22 18:56	10061-02-6	
1,4-Diethylbenzene	8.1	ug/L	1.0	0.15	1		07/26/22 18:56	105-05-5	N3
Ethanol	<18.0	ug/L	250	18.0	1		07/26/22 18:56	64-17-5	
Ethylbenzene	25.1	ug/L	1.0	0.16	1		07/26/22 18:56	100-41-4	
Hexachloro-1,3-butadiene	<0.44	ug/L	1.0	0.44	1		07/26/22 18:56	87-68-3	
2-Hexanone	<0.60	ug/L	5.0	0.60	1		07/26/22 18:56	591-78-6	
Isopropylbenzene (Cumene)	17.4	ug/L	1.0	0.23	1		07/26/22 18:56	98-82-8	
p-Isopropyltoluene	7.0	ug/L	1.0	0.22	1		07/26/22 18:56	99-87-6	
Methylene Chloride	<0.30	ug/L	1.0	0.30	1		07/26/22 18:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.39	ug/L	5.0	0.39	1		07/26/22 18:56	108-10-1	
Methyl-tert-butyl ether	<0.28	ug/L	1.0	0.28	1		07/26/22 18:56	1634-04-4	
Naphthalene	458	ug/L	5.0	4.2	5		07/28/22 18:32	91-20-3	
n-Propylbenzene	24.2	ug/L	1.0	0.17	1		07/26/22 18:56	103-65-1	
Styrene	<0.22	ug/L	1.0	0.22	1		07/26/22 18:56	100-42-5	
1,1,1,2-Tetrachloroethane	<0.22	ug/L	1.0	0.22	1		07/26/22 18:56	630-20-6	
1,1,2,2-Tetrachloroethane	<0.32	ug/L	1.0	0.32	1		07/26/22 18:56	79-34-5	
Tetrachloroethene	6.7	ug/L	1.0	0.28	1		07/26/22 18:56	127-18-4	v3
1,2,4,5-tetramethylbenzene	27.5	ug/L	1.0	0.24	1		07/26/22 18:56	95-93-2	N3
Toluene	<0.20	ug/L	1.0	0.20	1		07/26/22 18:56	108-88-3	
1,2,3-Trichlorobenzene	<0.64	ug/L	1.0	0.64	1		07/26/22 18:56	87-61-6	
1,2,4-Trichlorobenzene	<0.45	ug/L	1.0	0.45	1		07/26/22 18:56	120-82-1	
1,1,1-Trichloroethane	<0.22	ug/L	1.0	0.22	1		07/26/22 18:56	71-55-6	
1,1,2-Trichloroethane	<0.23	ug/L	1.0	0.23	1		07/26/22 18:56	79-00-5	
Trichloroethene	1.7	ug/L	1.0	0.22	1		07/26/22 18:56	79-01-6	
Trichlorofluoromethane	<0.12	ug/L	1.0	0.12	1		07/26/22 18:56	75-69-4	
1,2,3-Trichloropropane	<0.28	ug/L	1.0	0.28	1		07/26/22 18:56	96-18-4	
1,2,4-Trimethylbenzene	24.7	ug/L	1.0	0.30	1		07/26/22 18:56	95-63-6	
1,3,5-Trimethylbenzene	1.9	ug/L	1.0	0.17	1		07/26/22 18:56	108-67-8	
Vinyl chloride	1.9	ug/L	1.0	0.33	1		07/26/22 18:56	75-01-4	
Xylene (Total)	17.1	ug/L	3.0	0.18	1		07/26/22 18:56	1330-20-7	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: SCHUMUCKLERS CLEANERS/ 17977

Pace Project No.: 70222828

**Sample: MW-11**      **Lab ID: 70222828002**      Collected: 07/20/22 11:30      Received: 07/20/22 12:45      Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D Volatile Organics</b>		Analytical Method: EPA 8260D/5030C Pace Analytical Services - Melville							
m&p-Xylene	<b>14.7</b>	ug/L	2.0	0.33	1		07/26/22 18:56	179601-23-1	
o-Xylene	<b>2.4</b>	ug/L	1.0	0.18	1		07/26/22 18:56	95-47-6	
<b>Surrogates</b>									
1,2-Dichloroethane-d4 (S)	104	%	81-122		1		07/26/22 18:56	17060-07-0	
4-Bromofluorobenzene (S)	101	%	79-118		1		07/26/22 18:56	460-00-4	
Toluene-d8 (S)	91	%	82-122		1		07/26/22 18:56	2037-26-5	

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### ANALYTICAL RESULTS

Project: SCHUMUCKLERS CLEANERS/ 17977

Pace Project No.: 70222828

**Sample: MW-12**      **Lab ID: 70222828003**      Collected: 07/20/22 11:45      Received: 07/20/22 12:45      Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV</b>									
Analytical Method: EPA 8270E    Preparation Method: EPA 3510C									
Pace Analytical Services - Melville									
Acenaphthene	3.7J	ug/L	5.0	0.26	1	07/26/22 11:12	07/29/22 23:33	83-32-9	
Acenaphthylene	<0.34	ug/L	5.0	0.34	1	07/26/22 11:12	07/29/22 23:33	208-96-8	
Acetophenone	<0.44	ug/L	5.0	0.44	1	07/26/22 11:12	07/29/22 23:33	98-86-2	
Anthracene	<0.42	ug/L	5.0	0.42	1	07/26/22 11:12	07/29/22 23:33	120-12-7	
Atrazine	<2.0	ug/L	5.0	2.0	1	07/26/22 11:12	07/29/22 23:33	1912-24-9	
Benzaldehyde	<4.9	ug/L	5.0	4.9	1	07/26/22 11:12	07/29/22 23:33	100-52-7	IC,v3
Benzo(a)anthracene	<0.44	ug/L	5.0	0.44	1	07/26/22 11:12	07/29/22 23:33	56-55-3	
Benzo(a)pyrene	<0.75	ug/L	5.0	0.75	1	07/26/22 11:12	07/29/22 23:33	50-32-8	
Benzo(b)fluoranthene	<0.64	ug/L	5.0	0.64	1	07/26/22 11:12	07/29/22 23:33	205-99-2	
Benzo(g,h,i)perylene	<0.84	ug/L	5.0	0.84	1	07/26/22 11:12	07/29/22 23:33	191-24-2	
Benzo(k)fluoranthene	<0.76	ug/L	5.0	0.76	1	07/26/22 11:12	07/29/22 23:33	207-08-9	
Biphenyl (Diphenyl)	<0.36	ug/L	5.0	0.36	1	07/26/22 11:12	07/29/22 23:33	92-52-4	
4-Bromophenylphenyl ether	<0.47	ug/L	5.0	0.47	1	07/26/22 11:12	07/29/22 23:33	101-55-3	
Butylbenzylphthalate	<0.40	ug/L	5.0	0.40	1	07/26/22 11:12	07/29/22 23:33	85-68-7	
Caprolactam	<1.4	ug/L	5.0	1.4	1	07/26/22 11:12	07/29/22 23:33	105-60-2	IC
Carbazole	9.0	ug/L	5.0	0.34	1	07/26/22 11:12	07/29/22 23:33	86-74-8	
4-Chloroaniline	<0.38	ug/L	5.0	0.38	1	07/26/22 11:12	07/29/22 23:33	106-47-8	
bis(2-Chloroethoxy)methane	<0.38	ug/L	5.0	0.38	1	07/26/22 11:12	07/29/22 23:33	111-91-1	
bis(2-Chloroethyl) ether	<0.33	ug/L	5.0	0.33	1	07/26/22 11:12	07/29/22 23:33	111-44-4	
2-Chloronaphthalene	<0.33	ug/L	5.0	0.33	1	07/26/22 11:12	07/29/22 23:33	91-58-7	
4-Chlorophenylphenyl ether	<0.37	ug/L	5.0	0.37	1	07/26/22 11:12	07/29/22 23:33	7005-72-3	
Chrysene	<0.47	ug/L	5.0	0.47	1	07/26/22 11:12	07/29/22 23:33	218-01-9	
Dibenz(a,h)anthracene	<0.93	ug/L	5.0	0.93	1	07/26/22 11:12	07/29/22 23:33	53-70-3	
Dibenzofuran	<0.37	ug/L	5.0	0.37	1	07/26/22 11:12	07/29/22 23:33	132-64-9	
1,2-Dichlorobenzene	<0.37	ug/L	5.0	0.37	1	07/26/22 11:12	07/29/22 23:33	95-50-1	L2
1,3-Dichlorobenzene	<0.39	ug/L	5.0	0.39	1	07/26/22 11:12	07/29/22 23:33	541-73-1	
1,4-Dichlorobenzene	<0.39	ug/L	5.0	0.39	1	07/26/22 11:12	07/29/22 23:33	106-46-7	
3,3'-Dichlorobenzidine	<0.53	ug/L	5.0	0.53	1	07/26/22 11:12	07/29/22 23:33	91-94-1	
Diethylphthalate	<0.42	ug/L	5.0	0.42	1	07/26/22 11:12	07/29/22 23:33	84-66-2	
Dimethylphthalate	<0.56	ug/L	5.0	0.56	1	07/26/22 11:12	07/29/22 23:33	131-11-3	
Di-n-butylphthalate	<0.69	ug/L	5.0	0.69	1	07/26/22 11:12	07/29/22 23:33	84-74-2	
2,4-Dinitrophenol	<5.0	ug/L	10.0	5.0	1	07/26/22 11:12	07/29/22 23:33	51-28-5	v3
2,4-Dinitrotoluene	<0.35	ug/L	5.0	0.35	1	07/26/22 11:12	07/29/22 23:33	121-14-2	
2,6-Dinitrotoluene	<0.44	ug/L	5.0	0.44	1	07/26/22 11:12	07/29/22 23:33	606-20-2	
Di-n-octylphthalate	<0.76	ug/L	5.0	0.76	1	07/26/22 11:12	07/29/22 23:33	117-84-0	
bis(2-Ethylhexyl)phthalate	1.5J	ug/L	5.0	0.61	1	07/26/22 11:12	07/29/22 23:33	117-81-7	IC
Fluoranthene	<0.40	ug/L	5.0	0.40	1	07/26/22 11:12	07/29/22 23:33	206-44-0	
Fluorene	3.7J	ug/L	5.0	0.38	1	07/26/22 11:12	07/29/22 23:33	86-73-7	
Hexachloro-1,3-butadiene	<0.46	ug/L	5.0	0.46	1	07/26/22 11:12	07/29/22 23:33	87-68-3	
Hexachlorobenzene	<0.35	ug/L	5.0	0.35	1	07/26/22 11:12	07/29/22 23:33	118-74-1	
Hexachlorocyclopentadiene	<2.2	ug/L	5.0	2.2	1	07/26/22 11:12	07/29/22 23:33	77-47-4	v3
Hexachloroethane	<0.43	ug/L	5.0	0.43	1	07/26/22 11:12	07/29/22 23:33	67-72-1	
Indeno(1,2,3-cd)pyrene	<0.88	ug/L	5.0	0.88	1	07/26/22 11:12	07/29/22 23:33	193-39-5	
Isophorone	<0.39	ug/L	5.0	0.39	1	07/26/22 11:12	07/29/22 23:33	78-59-1	
2-Methylnaphthalene	116	ug/L	25.0	1.7	5	07/26/22 11:12	08/05/22 20:48	91-57-6	

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### ANALYTICAL RESULTS

Project: SCHUMUCKLERS CLEANERS/ 17977

Pace Project No.: 70222828

**Sample: MW-12**      **Lab ID: 70222828003**      Collected: 07/20/22 11:45      Received: 07/20/22 12:45      Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV</b>									
Analytical Method: EPA 8270E    Preparation Method: EPA 3510C									
Pace Analytical Services - Melville									
Naphthalene	60.6	ug/L	5.0	0.37	1	07/26/22 11:12	07/29/22 23:33	91-20-3	
2-Nitroaniline	<0.40	ug/L	5.0	0.40	1	07/26/22 11:12	07/29/22 23:33	88-74-4	v3
3-Nitroaniline	<0.30	ug/L	5.0	0.30	1	07/26/22 11:12	07/29/22 23:33	99-09-2	
4-Nitroaniline	<0.39	ug/L	5.0	0.39	1	07/26/22 11:12	07/29/22 23:33	100-01-6	
Nitrobenzene	<0.50	ug/L	5.0	0.50	1	07/26/22 11:12	07/29/22 23:33	98-95-3	
N-Nitroso-di-n-propylamine	<0.42	ug/L	5.0	0.42	1	07/26/22 11:12	07/29/22 23:33	621-64-7	
N-Nitrosodiphenylamine	<0.35	ug/L	5.0	0.35	1	07/26/22 11:12	07/29/22 23:33	86-30-6	
2,2'-Oxybis(1-chloropropane)	<0.38	ug/L	5.0	0.38	1	07/26/22 11:12	07/29/22 23:33	108-60-1	
Phenanthrene	4.2J	ug/L	5.0	0.35	1	07/26/22 11:12	07/29/22 23:33	85-01-8	
Pyrene	<0.41	ug/L	5.0	0.41	1	07/26/22 11:12	07/29/22 23:33	129-00-0	
1,2,4-Trichlorobenzene	<0.38	ug/L	5.0	0.38	1	07/26/22 11:12	07/29/22 23:33	120-82-1	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	64	%	30-113		1	07/26/22 11:12	07/29/22 23:33	4165-60-0	
2-Fluorobiphenyl (S)	70	%	13-100		1	07/26/22 11:12	07/29/22 23:33	321-60-8	
p-Terphenyl-d14 (S)	80	%	10-138		1	07/26/22 11:12	07/29/22 23:33	1718-51-0	
Phenol-d5 (S)	43	%	10-100		1	07/26/22 11:12	07/29/22 23:33	4165-62-2	
2-Fluorophenol (S)	55	%	26-113		1	07/26/22 11:12	07/29/22 23:33	367-12-4	
2,4,6-Tribromophenol (S)	107	%	10-168		1	07/26/22 11:12	07/29/22 23:33	118-79-6	E
2-Chlorophenol-d4 (S)	71	%	29-98		1	07/26/22 11:12	07/29/22 23:33	93951-73-6	
1,2-Dichlorobenzene-d4 (S)	48	%	14-101		1	07/26/22 11:12	07/29/22 23:33	2199-69-1	
<b>8260D Volatile Organics</b>									
Analytical Method: EPA 8260D/5030C									
Pace Analytical Services - Melville									
Acetone	4.2J	ug/L	5.0	1.6	1		07/26/22 19:15	67-64-1	IH
Benzene	0.41J	ug/L	1.0	0.22	1		07/26/22 19:15	71-43-2	
Bromobenzene	<0.21	ug/L	1.0	0.21	1		07/26/22 19:15	108-86-1	
Bromochloromethane	<0.18	ug/L	1.0	0.18	1		07/26/22 19:15	74-97-5	
Bromodichloromethane	<0.22	ug/L	1.0	0.22	1		07/26/22 19:15	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/26/22 19:15	75-25-2	
Bromomethane	<0.43	ug/L	1.0	0.43	1		07/26/22 19:15	74-83-9	v3
2-Butanone (MEK)	<1.3	ug/L	5.0	1.3	1		07/26/22 19:15	78-93-3	
n-Butylbenzene	2.0	ug/L	1.0	0.19	1		07/26/22 19:15	104-51-8	
sec-Butylbenzene	2.5	ug/L	1.0	0.21	1		07/26/22 19:15	135-98-8	
tert-Butylbenzene	<0.20	ug/L	1.0	0.20	1		07/26/22 19:15	98-06-6	
Carbon disulfide	<0.25	ug/L	1.0	0.25	1		07/26/22 19:15	75-15-0	
Carbon tetrachloride	<0.20	ug/L	1.0	0.20	1		07/26/22 19:15	56-23-5	
Chlorobenzene	<0.18	ug/L	1.0	0.18	1		07/26/22 19:15	108-90-7	
Chlorodifluoromethane	<0.40	ug/L	1.0	0.40	1		07/26/22 19:15	75-45-6	N3
Chloroethane	<0.35	ug/L	1.0	0.35	1		07/26/22 19:15	75-00-3	v3
Chloroform	<0.20	ug/L	1.0	0.20	1		07/26/22 19:15	67-66-3	
Chloromethane	<0.20	ug/L	1.0	0.20	1		07/26/22 19:15	74-87-3	
2-Chlorotoluene	<0.23	ug/L	1.0	0.23	1		07/26/22 19:15	95-49-8	
4-Chlorotoluene	<0.25	ug/L	1.0	0.25	1		07/26/22 19:15	106-43-4	
Dibromochloromethane	<0.29	ug/L	1.0	0.29	1		07/26/22 19:15	124-48-1	
1,2-Dibromoethane (EDB)	<0.24	ug/L	1.0	0.24	1		07/26/22 19:15	106-93-4	

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### ANALYTICAL RESULTS

Project: SCHUMUCKLERS CLEANERS/ 17977

Pace Project No.: 70222828

Sample: MW-12 Lab ID: 70222828003 Collected: 07/20/22 11:45 Received: 07/20/22 12:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D Volatile Organics</b>									
Analytical Method: EPA 8260D/5030C									
Pace Analytical Services - Melville									
Dibromomethane	<0.24	ug/L	1.0	0.24	1		07/26/22 19:15	74-95-3	
1,2-Dichlorobenzene	<0.17	ug/L	1.0	0.17	1		07/26/22 19:15	95-50-1	
1,3-Dichlorobenzene	<0.23	ug/L	1.0	0.23	1		07/26/22 19:15	541-73-1	
1,4-Dichlorobenzene	<0.25	ug/L	1.0	0.25	1		07/26/22 19:15	106-46-7	
trans-1,4-Dichloro-2-butene	<0.54	ug/L	1.0	0.54	1		07/26/22 19:15	110-57-6	v3
Dichlorodifluoromethane	<0.24	ug/L	1.0	0.24	1		07/26/22 19:15	75-71-8	
1,1-Dichloroethane	<0.19	ug/L	1.0	0.19	1		07/26/22 19:15	75-34-3	
1,2-Dichloroethane	<0.19	ug/L	1.0	0.19	1		07/26/22 19:15	107-06-2	
1,1-Dichloroethene	<0.23	ug/L	1.0	0.23	1		07/26/22 19:15	75-35-4	
cis-1,2-Dichloroethene	<0.24	ug/L	1.0	0.24	1		07/26/22 19:15	156-59-2	
trans-1,2-Dichloroethene	<0.19	ug/L	1.0	0.19	1		07/26/22 19:15	156-60-5	
1,2-Dichloropropane	<0.43	ug/L	1.0	0.43	1		07/26/22 19:15	78-87-5	
1,3-Dichloropropane	<0.22	ug/L	1.0	0.22	1		07/26/22 19:15	142-28-9	
2,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		07/26/22 19:15	594-20-7	
1,1-Dichloropropene	<0.23	ug/L	1.0	0.23	1		07/26/22 19:15	563-58-6	
cis-1,3-Dichloropropene	<0.26	ug/L	1.0	0.26	1		07/26/22 19:15	10061-01-5	
trans-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/26/22 19:15	10061-02-6	
1,4-Diethylbenzene	2.6	ug/L	1.0	0.15	1		07/26/22 19:15	105-05-5	N3
Ethanol	<18.0	ug/L	250	18.0	1		07/26/22 19:15	64-17-5	
Ethylbenzene	2.0	ug/L	1.0	0.16	1		07/26/22 19:15	100-41-4	
Hexachloro-1,3-butadiene	<0.44	ug/L	1.0	0.44	1		07/26/22 19:15	87-68-3	
2-Hexanone	<0.60	ug/L	5.0	0.60	1		07/26/22 19:15	591-78-6	
Isopropylbenzene (Cumene)	9.3	ug/L	1.0	0.23	1		07/26/22 19:15	98-82-8	
p-Isopropyltoluene	1.3	ug/L	1.0	0.22	1		07/26/22 19:15	99-87-6	
Methylene Chloride	<0.30	ug/L	1.0	0.30	1		07/26/22 19:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.39	ug/L	5.0	0.39	1		07/26/22 19:15	108-10-1	
Methyl-tert-butyl ether	<0.28	ug/L	1.0	0.28	1		07/26/22 19:15	1634-04-4	
Naphthalene	294	ug/L	3.0	2.5	3		07/28/22 18:52	91-20-3	
n-Propylbenzene	9.9	ug/L	1.0	0.17	1		07/26/22 19:15	103-65-1	
Styrene	<0.22	ug/L	1.0	0.22	1		07/26/22 19:15	100-42-5	
1,1,1,2-Tetrachloroethane	<0.22	ug/L	1.0	0.22	1		07/26/22 19:15	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.32	ug/L	1.0	0.32	1		07/26/22 19:15	79-34-5	
Tetrachloroethene	<0.28	ug/L	1.0	0.28	1		07/26/22 19:15	127-18-4	v3
1,2,4,5-tetramethylbenzene	16.1	ug/L	1.0	0.24	1		07/26/22 19:15	95-93-2	N3
Toluene	<0.20	ug/L	1.0	0.20	1		07/26/22 19:15	108-88-3	
1,2,3-Trichlorobenzene	<0.64	ug/L	1.0	0.64	1		07/26/22 19:15	87-61-6	
1,2,4-Trichlorobenzene	<0.45	ug/L	1.0	0.45	1		07/26/22 19:15	120-82-1	
1,1,1-Trichloroethane	<0.22	ug/L	1.0	0.22	1		07/26/22 19:15	71-55-6	
1,1,2-Trichloroethane	<0.23	ug/L	1.0	0.23	1		07/26/22 19:15	79-00-5	
Trichloroethene	<0.22	ug/L	1.0	0.22	1		07/26/22 19:15	79-01-6	
Trichlorofluoromethane	<0.12	ug/L	1.0	0.12	1		07/26/22 19:15	75-69-4	
1,2,3-Trichloropropane	<0.28	ug/L	1.0	0.28	1		07/26/22 19:15	96-18-4	
1,2,4-Trimethylbenzene	<0.30	ug/L	1.0	0.30	1		07/26/22 19:15	95-63-6	
1,3,5-Trimethylbenzene	<0.17	ug/L	1.0	0.17	1		07/26/22 19:15	108-67-8	
Vinyl chloride	<0.33	ug/L	1.0	0.33	1		07/26/22 19:15	75-01-4	

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## ANALYTICAL RESULTS

Project: SCHUMUCKLERS CLEANERS/ 17977

Pace Project No.: 70222828

**Sample: MW-12**      **Lab ID: 70222828003**      Collected: 07/20/22 11:45      Received: 07/20/22 12:45      Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D Volatile Organics</b>		Analytical Method: EPA 8260D/5030C Pace Analytical Services - Melville							
Xylene (Total)	<0.18	ug/L	3.0	0.18	1		07/26/22 19:15	1330-20-7	
m&p-Xylene	<0.33	ug/L	2.0	0.33	1		07/26/22 19:15	179601-23-1	
o-Xylene	<0.18	ug/L	1.0	0.18	1		07/26/22 19:15	95-47-6	
<b>Surrogates</b>									
1,2-Dichloroethane-d4 (S)	100	%	81-122		1		07/26/22 19:15	17060-07-0	
4-Bromofluorobenzene (S)	102	%	79-118		1		07/26/22 19:15	460-00-4	
Toluene-d8 (S)	92	%	82-122		1		07/26/22 19:15	2037-26-5	

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### ANALYTICAL RESULTS

Project: SCHUMUCKLERS CLEANERS/ 17977

Pace Project No.: 70222828

**Sample: BW-2**      **Lab ID: 70222828004**      Collected: 07/20/22 10:00      Received: 07/20/22 12:45      Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV</b>									
Analytical Method: EPA 8270E    Preparation Method: EPA 3510C									
Pace Analytical Services - Melville									
Acenaphthene	14.8	ug/L	4.8	0.25	1	07/26/22 11:12	07/30/22 00:04	83-32-9	
Acenaphthylene	<0.33	ug/L	4.8	0.33	1	07/26/22 11:12	07/30/22 00:04	208-96-8	
Acetophenone	<0.41	ug/L	4.8	0.41	1	07/26/22 11:12	07/30/22 00:04	98-86-2	
Anthracene	<0.40	ug/L	4.8	0.40	1	07/26/22 11:12	07/30/22 00:04	120-12-7	
Atrazine	<1.9	ug/L	4.8	1.9	1	07/26/22 11:12	07/30/22 00:04	1912-24-9	
Benzaldehyde	<4.7	ug/L	4.8	4.7	1	07/26/22 11:12	07/30/22 00:04	100-52-7	IC,v3
Benzo(a)anthracene	<0.42	ug/L	4.8	0.42	1	07/26/22 11:12	07/30/22 00:04	56-55-3	
Benzo(a)pyrene	<0.71	ug/L	4.8	0.71	1	07/26/22 11:12	07/30/22 00:04	50-32-8	
Benzo(b)fluoranthene	<0.61	ug/L	4.8	0.61	1	07/26/22 11:12	07/30/22 00:04	205-99-2	
Benzo(g,h,i)perylene	<0.80	ug/L	4.8	0.80	1	07/26/22 11:12	07/30/22 00:04	191-24-2	
Benzo(k)fluoranthene	<0.72	ug/L	4.8	0.72	1	07/26/22 11:12	07/30/22 00:04	207-08-9	
Biphenyl (Diphenyl)	<0.34	ug/L	4.8	0.34	1	07/26/22 11:12	07/30/22 00:04	92-52-4	
4-Bromophenylphenyl ether	<0.45	ug/L	4.8	0.45	1	07/26/22 11:12	07/30/22 00:04	101-55-3	
Butylbenzylphthalate	<0.38	ug/L	4.8	0.38	1	07/26/22 11:12	07/30/22 00:04	85-68-7	
Caprolactam	<1.3	ug/L	4.8	1.3	1	07/26/22 11:12	07/30/22 00:04	105-60-2	IC
Carbazole	<0.33	ug/L	4.8	0.33	1	07/26/22 11:12	07/30/22 00:04	86-74-8	
4-Chloroaniline	<0.36	ug/L	4.8	0.36	1	07/26/22 11:12	07/30/22 00:04	106-47-8	
bis(2-Chloroethoxy)methane	<0.36	ug/L	4.8	0.36	1	07/26/22 11:12	07/30/22 00:04	111-91-1	
bis(2-Chloroethyl) ether	<0.32	ug/L	4.8	0.32	1	07/26/22 11:12	07/30/22 00:04	111-44-4	
2-Chloronaphthalene	<0.32	ug/L	4.8	0.32	1	07/26/22 11:12	07/30/22 00:04	91-58-7	
4-Chlorophenylphenyl ether	<0.36	ug/L	4.8	0.36	1	07/26/22 11:12	07/30/22 00:04	7005-72-3	
Chrysene	<0.45	ug/L	4.8	0.45	1	07/26/22 11:12	07/30/22 00:04	218-01-9	
Dibenz(a,h)anthracene	<0.88	ug/L	4.8	0.88	1	07/26/22 11:12	07/30/22 00:04	53-70-3	
Dibenzofuran	<0.35	ug/L	4.8	0.35	1	07/26/22 11:12	07/30/22 00:04	132-64-9	
1,2-Dichlorobenzene	<0.36	ug/L	4.8	0.36	1	07/26/22 11:12	07/30/22 00:04	95-50-1	L2
1,3-Dichlorobenzene	<0.37	ug/L	4.8	0.37	1	07/26/22 11:12	07/30/22 00:04	541-73-1	
1,4-Dichlorobenzene	<0.37	ug/L	4.8	0.37	1	07/26/22 11:12	07/30/22 00:04	106-46-7	
3,3'-Dichlorobenzidine	<0.50	ug/L	4.8	0.50	1	07/26/22 11:12	07/30/22 00:04	91-94-1	
Diethylphthalate	<0.40	ug/L	4.8	0.40	1	07/26/22 11:12	07/30/22 00:04	84-66-2	
Dimethylphthalate	<0.53	ug/L	4.8	0.53	1	07/26/22 11:12	07/30/22 00:04	131-11-3	
Di-n-butylphthalate	<0.65	ug/L	4.8	0.65	1	07/26/22 11:12	07/30/22 00:04	84-74-2	
2,4-Dinitrotoluene	<0.33	ug/L	4.8	0.33	1	07/26/22 11:12	07/30/22 00:04	121-14-2	
2,6-Dinitrotoluene	<0.42	ug/L	4.8	0.42	1	07/26/22 11:12	07/30/22 00:04	606-20-2	
Di-n-octylphthalate	<0.72	ug/L	4.8	0.72	1	07/26/22 11:12	07/30/22 00:04	117-84-0	
bis(2-Ethylhexyl)phthalate	1.5J	ug/L	4.8	0.58	1	07/26/22 11:12	07/30/22 00:04	117-81-7	IC
Fluoranthene	<0.38	ug/L	4.8	0.38	1	07/26/22 11:12	07/30/22 00:04	206-44-0	
Fluorene	15.4	ug/L	4.8	0.36	1	07/26/22 11:12	07/30/22 00:04	86-73-7	
Hexachloro-1,3-butadiene	<0.44	ug/L	4.8	0.44	1	07/26/22 11:12	07/30/22 00:04	87-68-3	
Hexachlorobenzene	<0.33	ug/L	4.8	0.33	1	07/26/22 11:12	07/30/22 00:04	118-74-1	
Hexachlorocyclopentadiene	<2.1	ug/L	4.8	2.1	1	07/26/22 11:12	07/30/22 00:04	77-47-4	v3
Hexachloroethane	<0.41	ug/L	4.8	0.41	1	07/26/22 11:12	07/30/22 00:04	67-72-1	
Indeno(1,2,3-cd)pyrene	<0.84	ug/L	4.8	0.84	1	07/26/22 11:12	07/30/22 00:04	193-39-5	
Isophorone	<0.37	ug/L	4.8	0.37	1	07/26/22 11:12	07/30/22 00:04	78-59-1	
2-Methylnaphthalene	507	ug/L	47.6	3.2	10	07/26/22 11:12	08/05/22 21:18	91-57-6	
Naphthalene	3.6J	ug/L	4.8	0.36	1	07/26/22 11:12	07/30/22 00:04	91-20-3	

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### ANALYTICAL RESULTS

Project: SCHUMUCKLERS CLEANERS/ 17977

Pace Project No.: 70222828

**Sample: BW-2**      **Lab ID: 70222828004**      Collected: 07/20/22 10:00      Received: 07/20/22 12:45      Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E MSSV</b>									
Analytical Method: EPA 8270E    Preparation Method: EPA 3510C									
Pace Analytical Services - Melville									
2-Nitroaniline	<0.38	ug/L	4.8	0.38	1	07/26/22 11:12	07/30/22 00:04	88-74-4	v3
3-Nitroaniline	<0.29	ug/L	4.8	0.29	1	07/26/22 11:12	07/30/22 00:04	99-09-2	
4-Nitroaniline	<0.37	ug/L	4.8	0.37	1	07/26/22 11:12	07/30/22 00:04	100-01-6	
Nitrobenzene	<0.48	ug/L	4.8	0.48	1	07/26/22 11:12	07/30/22 00:04	98-95-3	
N-Nitroso-di-n-propylamine	<0.40	ug/L	4.8	0.40	1	07/26/22 11:12	07/30/22 00:04	621-64-7	
N-Nitrosodiphenylamine	<0.33	ug/L	4.8	0.33	1	07/26/22 11:12	07/30/22 00:04	86-30-6	
2,2'-Oxybis(1-chloropropane)	<0.36	ug/L	4.8	0.36	1	07/26/22 11:12	07/30/22 00:04	108-60-1	
Phenanthrene	32.8	ug/L	4.8	0.33	1	07/26/22 11:12	07/30/22 00:04	85-01-8	
Pyrene	1.5J	ug/L	4.8	0.39	1	07/26/22 11:12	07/30/22 00:04	129-00-0	
1,2,4-Trichlorobenzene	<0.36	ug/L	4.8	0.36	1	07/26/22 11:12	07/30/22 00:04	120-82-1	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	57	%	30-113		1	07/26/22 11:12	07/30/22 00:04	4165-60-0	
2-Fluorobiphenyl (S)	69	%	13-100		1	07/26/22 11:12	07/30/22 00:04	321-60-8	
p-Terphenyl-d14 (S)	74	%	10-138		1	07/26/22 11:12	07/30/22 00:04	1718-51-0	
Phenol-d5 (S)	36	%	10-100		1	07/26/22 11:12	07/30/22 00:04	4165-62-2	
2-Fluorophenol (S)	47	%	26-113		1	07/26/22 11:12	07/30/22 00:04	367-12-4	
2,4,6-Tribromophenol (S)	100	%	10-168		1	07/26/22 11:12	07/30/22 00:04	118-79-6	
2-Chlorophenol-d4 (S)	67	%	29-98		1	07/26/22 11:12	07/30/22 00:04	93951-73-6	
1,2-Dichlorobenzene-d4 (S)	51	%	14-101		1	07/26/22 11:12	07/30/22 00:04	2199-69-1	

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### QUALITY CONTROL DATA

Project: SCHUMUCKLERS CLEANERS/ 17977  
 Pace Project No.: 70222828

QC Batch: 266488 Analysis Method: EPA 8260D/5030C  
 QC Batch Method: EPA 8260D/5030C Analysis Description: 8260D MSV  
 Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70222828002, 70222828003

METHOD BLANK: 1346228 Matrix: Water

Associated Lab Samples: 70222828002, 70222828003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.22	1.0	0.22	07/26/22 12:41	
1,1,1-Trichloroethane	ug/L	<0.22	1.0	0.22	07/26/22 12:41	
1,1,2,2-Tetrachloroethane	ug/L	<0.32	1.0	0.32	07/26/22 12:41	
1,1,2-Trichloroethane	ug/L	<0.23	1.0	0.23	07/26/22 12:41	
1,1-Dichloroethane	ug/L	<0.19	1.0	0.19	07/26/22 12:41	
1,1-Dichloroethene	ug/L	<0.23	1.0	0.23	07/26/22 12:41	
1,1-Dichloropropene	ug/L	<0.23	1.0	0.23	07/26/22 12:41	
1,2,3-Trichlorobenzene	ug/L	<0.64	1.0	0.64	07/26/22 12:41	
1,2,3-Trichloropropane	ug/L	<0.28	1.0	0.28	07/26/22 12:41	
1,2,4,5-tetramethylbenzene	ug/L	<0.24	1.0	0.24	07/26/22 12:41	N3
1,2,4-Trichlorobenzene	ug/L	<0.45	1.0	0.45	07/26/22 12:41	
1,2,4-Trimethylbenzene	ug/L	<0.30	1.0	0.30	07/26/22 12:41	
1,2-Dibromoethane (EDB)	ug/L	<0.24	1.0	0.24	07/26/22 12:41	
1,2-Dichlorobenzene	ug/L	<0.17	1.0	0.17	07/26/22 12:41	
1,2-Dichloroethane	ug/L	<0.19	1.0	0.19	07/26/22 12:41	
1,2-Dichloropropane	ug/L	<0.43	1.0	0.43	07/26/22 12:41	
1,3,5-Trimethylbenzene	ug/L	<0.17	1.0	0.17	07/26/22 12:41	
1,3-Dichlorobenzene	ug/L	<0.23	1.0	0.23	07/26/22 12:41	
1,3-Dichloropropane	ug/L	<0.22	1.0	0.22	07/26/22 12:41	
1,4-Dichlorobenzene	ug/L	<0.25	1.0	0.25	07/26/22 12:41	
1,4-Diethylbenzene	ug/L	<0.15	1.0	0.15	07/26/22 12:41	N3
2,2-Dichloropropane	ug/L	<0.28	1.0	0.28	07/26/22 12:41	
2-Butanone (MEK)	ug/L	<1.3	5.0	1.3	07/26/22 12:41	
2-Chlorotoluene	ug/L	<0.23	1.0	0.23	07/26/22 12:41	
2-Hexanone	ug/L	<0.60	5.0	0.60	07/26/22 12:41	
4-Chlorotoluene	ug/L	<0.25	1.0	0.25	07/26/22 12:41	
4-Methyl-2-pentanone (MIBK)	ug/L	<0.39	5.0	0.39	07/26/22 12:41	
Acetone	ug/L	<1.6	5.0	1.6	07/26/22 12:41	
Benzene	ug/L	<0.22	1.0	0.22	07/26/22 12:41	
Bromobenzene	ug/L	<0.21	1.0	0.21	07/26/22 12:41	
Bromochloromethane	ug/L	<0.18	1.0	0.18	07/26/22 12:41	
Bromodichloromethane	ug/L	<0.22	1.0	0.22	07/26/22 12:41	
Bromoform	ug/L	<0.43	1.0	0.43	07/26/22 12:41	
Bromomethane	ug/L	<0.43	1.0	0.43	07/26/22 12:41	v3
Carbon disulfide	ug/L	<0.25	1.0	0.25	07/26/22 12:41	
Carbon tetrachloride	ug/L	<0.20	1.0	0.20	07/26/22 12:41	
Chlorobenzene	ug/L	<0.18	1.0	0.18	07/26/22 12:41	
Chlorodifluoromethane	ug/L	<0.40	1.0	0.40	07/26/22 12:41	N3
Chloroethane	ug/L	<0.35	1.0	0.35	07/26/22 12:41	v3
Chloroform	ug/L	<0.20	1.0	0.20	07/26/22 12:41	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: SCHUMUCKLERS CLEANERS/ 17977  
Pace Project No.: 70222828

METHOD BLANK: 1346228 Matrix: Water  
Associated Lab Samples: 70222828002, 70222828003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloromethane	ug/L	<0.20	1.0	0.20	07/26/22 12:41	
cis-1,2-Dichloroethene	ug/L	<0.24	1.0	0.24	07/26/22 12:41	
cis-1,3-Dichloropropene	ug/L	<0.26	1.0	0.26	07/26/22 12:41	
Dibromochloromethane	ug/L	<0.29	1.0	0.29	07/26/22 12:41	
Dibromomethane	ug/L	<0.24	1.0	0.24	07/26/22 12:41	
Dichlorodifluoromethane	ug/L	<0.24	1.0	0.24	07/26/22 12:41	
Ethanol	ug/L	<18.0	250	18.0	07/26/22 12:41	
Ethylbenzene	ug/L	<0.16	1.0	0.16	07/26/22 12:41	
Hexachloro-1,3-butadiene	ug/L	<0.44	1.0	0.44	07/26/22 12:41	
Isopropylbenzene (Cumene)	ug/L	<0.23	1.0	0.23	07/26/22 12:41	
m&p-Xylene	ug/L	<0.33	2.0	0.33	07/26/22 12:41	
Methyl-tert-butyl ether	ug/L	<0.28	1.0	0.28	07/26/22 12:41	
Methylene Chloride	ug/L	<0.30	1.0	0.30	07/26/22 12:41	
n-Butylbenzene	ug/L	<0.19	1.0	0.19	07/26/22 12:41	
n-Propylbenzene	ug/L	<0.17	1.0	0.17	07/26/22 12:41	
Naphthalene	ug/L	<0.84	1.0	0.84	07/26/22 12:41	
o-Xylene	ug/L	<0.18	1.0	0.18	07/26/22 12:41	
p-Isopropyltoluene	ug/L	<0.22	1.0	0.22	07/26/22 12:41	
sec-Butylbenzene	ug/L	<0.21	1.0	0.21	07/26/22 12:41	
Styrene	ug/L	<0.22	1.0	0.22	07/26/22 12:41	
tert-Butylbenzene	ug/L	<0.20	1.0	0.20	07/26/22 12:41	
Tetrachloroethene	ug/L	<0.28	1.0	0.28	07/26/22 12:41	v3
Toluene	ug/L	<0.20	1.0	0.20	07/26/22 12:41	
trans-1,2-Dichloroethene	ug/L	<0.19	1.0	0.19	07/26/22 12:41	
trans-1,3-Dichloropropene	ug/L	<0.36	1.0	0.36	07/26/22 12:41	
trans-1,4-Dichloro-2-butene	ug/L	<0.54	1.0	0.54	07/26/22 12:41	v3
Trichloroethene	ug/L	<0.22	1.0	0.22	07/26/22 12:41	
Trichlorofluoromethane	ug/L	<0.12	1.0	0.12	07/26/22 12:41	
Vinyl chloride	ug/L	<0.33	1.0	0.33	07/26/22 12:41	
Xylene (Total)	ug/L	<0.18	3.0	0.18	07/26/22 12:41	
1,2-Dichloroethane-d4 (S)	%	101	81-122		07/26/22 12:41	
4-Bromofluorobenzene (S)	%	103	79-118		07/26/22 12:41	
Toluene-d8 (S)	%	94	82-122		07/26/22 12:41	

LABORATORY CONTROL SAMPLE: 1346229

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.9	98	75-122	
1,1,1-Trichloroethane	ug/L	50	52.4	105	72-126	
1,1,2,2-Tetrachloroethane	ug/L	50	46.6	93	70-127	
1,1,2-Trichloroethane	ug/L	50	52.2	104	81-119	
1,1-Dichloroethane	ug/L	50	48.9	98	72-126	
1,1-Dichloroethene	ug/L	50	36.7	73	66-133	
1,1-Dichloropropene	ug/L	50	49.7	99	69-124	

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### QUALITY CONTROL DATA

Project: SCHUMUCKLERS CLEANERS/ 17977

Pace Project No.: 70222828

LABORATORY CONTROL SAMPLE: 1346229

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichlorobenzene	ug/L	50	55.2	110	50-143	
1,2,3-Trichloropropane	ug/L	50	49.1	98	69-120	
1,2,4,5-tetramethylbenzene	ug/L	50	48.7	97	62-144	N3
1,2,4-Trichlorobenzene	ug/L	50	57.5	115	56-141	
1,2,4-Trimethylbenzene	ug/L	50	45.2	90	78-119	
1,2-Dibromoethane (EDB)	ug/L	50	55.7	111	81-123	
1,2-Dichlorobenzene	ug/L	50	51.3	103	80-117	
1,2-Dichloroethane	ug/L	50	56.9	114	69-134	
1,2-Dichloropropane	ug/L	50	49.9	100	75-125	
1,3,5-Trimethylbenzene	ug/L	50	43.9	88	78-121	
1,3-Dichlorobenzene	ug/L	50	50.3	101	82-116	
1,3-Dichloropropane	ug/L	50	49.6	99	81-118	
1,4-Dichlorobenzene	ug/L	50	50.8	102	80-117	
1,4-Diethylbenzene	ug/L	50	44.4	89	77-128	N3
2,2-Dichloropropane	ug/L	50	48.5	97	47-151	
2-Butanone (MEK)	ug/L	50	54.0	108	33-165	IH
2-Chlorotoluene	ug/L	50	46.3	93	80-119	
2-Hexanone	ug/L	50	52.3	105	50-128	IH
4-Chlorotoluene	ug/L	50	48.1	96	79-119	
4-Methyl-2-pentanone (MIBK)	ug/L	50	53.6	107	62-131	
Acetone	ug/L	50	68.3	137	14-156	IH
Benzene	ug/L	50	51.7	103	78-117	
Bromobenzene	ug/L	50	54.6	109	80-117	
Bromochloromethane	ug/L	50	56.2	112	77-122	
Bromodichloromethane	ug/L	50	53.9	108	80-123	
Bromoform	ug/L	50	51.8	104	49-138	
Bromomethane	ug/L	50	30.0	60	10-143	IH,v3
Carbon disulfide	ug/L	50	35.2	70	66-133	
Carbon tetrachloride	ug/L	50	49.9	100	64-135	
Chlorobenzene	ug/L	50	50.6	101	79-117	
Chlorodifluoromethane	ug/L	50	39.5	79	45-132	N3
Chloroethane	ug/L	50	33.3	67	31-156	v3
Chloroform	ug/L	50	56.1	112	79-123	
Chloromethane	ug/L	50	28.0	56	39-116	
cis-1,2-Dichloroethene	ug/L	50	52.1	104	77-125	
cis-1,3-Dichloropropene	ug/L	50	48.0	96	78-131	
Dibromochloromethane	ug/L	50	49.8	100	65-123	
Dibromomethane	ug/L	50	57.7	115	81-123	
Dichlorodifluoromethane	ug/L	50	35.5	71	13-149	IH,v1
Ethanol	ug/L	1250	1520	122	10-196	
Ethylbenzene	ug/L	50	47.8	96	79-115	
Hexachloro-1,3-butadiene	ug/L	50	63.0	126	55-142	v1
Isopropylbenzene (Cumene)	ug/L	50	41.7	83	74-118	
m&p-Xylene	ug/L	100	91.6	92	80-118	
Methyl-tert-butyl ether	ug/L	50	51.5	103	69-118	
Methylene Chloride	ug/L	50	49.2	98	67-123	
n-Butylbenzene	ug/L	50	44.9	90	74-126	

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### QUALITY CONTROL DATA

Project: SCHUMUCKLERS CLEANERS/ 17977  
Pace Project No.: 70222828

LABORATORY CONTROL SAMPLE: 1346229

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Propylbenzene	ug/L	50	42.1	84	75-120	
Naphthalene	ug/L	50	44.7	89	70-136	
o-Xylene	ug/L	50	48.3	97	80-119	
p-Isopropyltoluene	ug/L	50	43.5	87	78-122	
sec-Butylbenzene	ug/L	50	41.8	84	76-120	
Styrene	ug/L	50	48.4	97	82-121	
tert-Butylbenzene	ug/L	50	42.5	85	77-118	
Tetrachloroethene	ug/L	50	38.1	76	65-120 v3	
Toluene	ug/L	50	53.5	107	80-114	
trans-1,2-Dichloroethene	ug/L	50	49.9	100	74-123	
trans-1,3-Dichloropropene	ug/L	50	45.9	92	73-135	
trans-1,4-Dichloro-2-butene	ug/L	50	36.1	72	52-137 v3	
Trichloroethene	ug/L	50	51.3	103	79-115	
Trichlorofluoromethane	ug/L	50	47.1	94	51-136	
Vinyl chloride	ug/L	50	36.8	74	49-118	
Xylene (Total)	ug/L	150	140	93	80-118	
1,2-Dichloroethane-d4 (S)	%			103	81-122	
4-Bromofluorobenzene (S)	%			104	79-118	
Toluene-d8 (S)	%			93	82-122	

SAMPLE DUPLICATE: 1346808

Parameter	Units	70222959004 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	<0.22		20	
1,1,1-Trichloroethane	ug/L	<1.0	<0.22		20	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	<0.32		20	
1,1,2-Trichloroethane	ug/L	<1.0	<0.23		20	
1,1-Dichloroethane	ug/L	<1.0	<0.19		20	
1,1-Dichloroethene	ug/L	<1.0	<0.23		20	
1,1-Dichloropropene	ug/L	<1.0	<0.23		20	
1,2,3-Trichlorobenzene	ug/L	<1.0	<0.64		20	
1,2,3-Trichloropropane	ug/L	<1.0	<0.28		20	
1,2,4,5-tetramethylbenzene	ug/L	<1.0	<0.24		20 N3	
1,2,4-Trichlorobenzene	ug/L	<1.0	<0.45		20	
1,2,4-Trimethylbenzene	ug/L	<1.0	<0.30		20	
1,2-Dibromoethane (EDB)	ug/L	<1.0	<0.24		20	
1,2-Dichlorobenzene	ug/L	<1.0	<0.17		20	
1,2-Dichloroethane	ug/L	<1.0	<0.19		20	
1,2-Dichloropropane	ug/L	<1.0	<0.43		20	
1,3,5-Trimethylbenzene	ug/L	<1.0	<0.17		20	
1,3-Dichlorobenzene	ug/L	<1.0	<0.23		20	
1,3-Dichloropropane	ug/L	<1.0	<0.22		20	
1,4-Dichlorobenzene	ug/L	<1.0	<0.25		20	
1,4-Diethylbenzene	ug/L	<1.0	<0.15		20 N3	
2,2-Dichloropropane	ug/L	<1.0	<0.28		20	

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### QUALITY CONTROL DATA

Project: SCHUMUCKLERS CLEANERS/ 17977  
Pace Project No.: 70222828

SAMPLE DUPLICATE: 1346808

Parameter	Units	70222959004 Result	Dup Result	RPD	Max RPD	Qualifiers
2-Butanone (MEK)	ug/L	<5.0	<1.3		20	
2-Chlorotoluene	ug/L	<1.0	<0.23		20	
2-Hexanone	ug/L	<5.0	<0.60		20	
4-Chlorotoluene	ug/L	<1.0	<0.25		20	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	<0.39		20	
Acetone	ug/L	<5.0	<1.6		20	
Benzene	ug/L	<1.0	<0.22		20	
Bromobenzene	ug/L	<1.0	<0.21		20	
Bromochloromethane	ug/L	<1.0	<0.18		20	
Bromodichloromethane	ug/L	<1.0	<0.22		20	
Bromoform	ug/L	<1.0	<0.43		20	
Bromomethane	ug/L	<1.0	<0.43		20	v3
Carbon disulfide	ug/L	<1.0	<0.25		20	
Carbon tetrachloride	ug/L	<1.0	<0.20		20	
Chlorobenzene	ug/L	<1.0	<0.18		20	
Chlorodifluoromethane	ug/L	<1.0	<0.40		20	N3
Chloroethane	ug/L	<1.0	<0.35		20	v3
Chloroform	ug/L	<1.0	<0.20		20	
Chloromethane	ug/L	<1.0	<0.20		20	
cis-1,2-Dichloroethene	ug/L	2.7	2.5	8	20	
cis-1,3-Dichloropropene	ug/L	<1.0	<0.26		20	
Dibromochloromethane	ug/L	<1.0	<0.29		20	
Dibromomethane	ug/L	<1.0	<0.24		20	
Dichlorodifluoromethane	ug/L	<1.0	<0.24		20	
Ethanol	ug/L	<250	<18.0		20	
Ethylbenzene	ug/L	<1.0	<0.16		20	
Hexachloro-1,3-butadiene	ug/L	<1.0	<0.44		20	
Isopropylbenzene (Cumene)	ug/L	<1.0	<0.23		20	
m&p-Xylene	ug/L	<2.0	<0.33		20	
Methyl-tert-butyl ether	ug/L	<1.0	<0.28		20	
Methylene Chloride	ug/L	<1.0	<0.30		20	
n-Butylbenzene	ug/L	<1.0	<0.19		20	
n-Propylbenzene	ug/L	<1.0	<0.17		20	
Naphthalene	ug/L	<1.0	2.3		20	
o-Xylene	ug/L	<1.0	<0.18		20	
p-Isopropyltoluene	ug/L	<1.0	<0.22		20	
sec-Butylbenzene	ug/L	<1.0	<0.21		20	
Styrene	ug/L	<1.0	<0.22		20	
tert-Butylbenzene	ug/L	<1.0	<0.20		20	
Tetrachloroethene	ug/L	1.6	1.6	4	20	v3
Toluene	ug/L	<1.0	<0.20		20	
trans-1,2-Dichloroethene	ug/L	<1.0	<0.19		20	
trans-1,3-Dichloropropene	ug/L	<1.0	<0.36		20	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	<0.54		20	v3
Trichloroethene	ug/L	1.1	1.1	1	20	
Trichlorofluoromethane	ug/L	<1.0	<0.12		20	
Vinyl chloride	ug/L	<1.0	<0.33		20	

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### QUALITY CONTROL DATA

Project: SCHUMUCKLERS CLEANERS/ 17977

Pace Project No.: 70222828

SAMPLE DUPLICATE: 1346808

Parameter	Units	70222959004 Result	Dup Result	RPD	Max RPD	Qualifiers
Xylene (Total)	ug/L	<3.0	<0.18		20	
1,2-Dichloroethane-d4 (S)	%	102	100		20	
4-Bromofluorobenzene (S)	%	104	104		20	
Toluene-d8 (S)	%	93	95		20	

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### QUALITY CONTROL DATA

Project: SCHUMUCKLERS CLEANERS/ 17977

Pace Project No.: 70222828

QC Batch: 266449

Analysis Method: EPA 8270E

QC Batch Method: EPA 3510C

Analysis Description: 8270E Water MSSV

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70222828001, 70222828002, 70222828003, 70222828004

METHOD BLANK: 1346101

Matrix: Water

Associated Lab Samples: 70222828001, 70222828002, 70222828003, 70222828004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	<0.38	5.0	0.38	07/29/22 17:52	
1,2-Dichlorobenzene	ug/L	<0.37	5.0	0.37	07/29/22 17:52	
1,3-Dichlorobenzene	ug/L	<0.39	5.0	0.39	07/29/22 17:52	
1,4-Dichlorobenzene	ug/L	<0.39	5.0	0.39	07/29/22 17:52	
2,2'-Oxybis(1-chloropropane)	ug/L	<0.38	5.0	0.38	07/29/22 17:52	
2,4-Dinitrophenol	ug/L	<5.0	10.0	5.0	07/29/22 17:52	v3
2,4-Dinitrotoluene	ug/L	<0.35	5.0	0.35	07/29/22 17:52	
2,6-Dinitrotoluene	ug/L	<0.44	5.0	0.44	07/29/22 17:52	
2-Chloronaphthalene	ug/L	<0.33	5.0	0.33	07/29/22 17:52	
2-Methylnaphthalene	ug/L	<0.34	5.0	0.34	07/29/22 17:52	
2-Nitroaniline	ug/L	<0.40	5.0	0.40	07/29/22 17:52	v3
3,3'-Dichlorobenzidine	ug/L	<0.53	5.0	0.53	07/29/22 17:52	
3-Nitroaniline	ug/L	<0.30	5.0	0.30	07/29/22 17:52	
4-Bromophenylphenyl ether	ug/L	<0.47	5.0	0.47	07/29/22 17:52	
4-Chloroaniline	ug/L	<0.38	5.0	0.38	07/29/22 17:52	
4-Chlorophenylphenyl ether	ug/L	<0.37	5.0	0.37	07/29/22 17:52	
4-Nitroaniline	ug/L	<0.39	5.0	0.39	07/29/22 17:52	
Acenaphthene	ug/L	<0.26	5.0	0.26	07/29/22 17:52	
Acenaphthylene	ug/L	<0.34	5.0	0.34	07/29/22 17:52	
Acetophenone	ug/L	<0.44	5.0	0.44	07/29/22 17:52	
Anthracene	ug/L	<0.42	5.0	0.42	07/29/22 17:52	
Atrazine	ug/L	<2.0	5.0	2.0	07/29/22 17:52	
Benzaldehyde	ug/L	<4.9	5.0	4.9	07/29/22 17:52	IC,v3
Benzo(a)anthracene	ug/L	<0.44	5.0	0.44	07/29/22 17:52	
Benzo(a)pyrene	ug/L	<0.75	5.0	0.75	07/29/22 17:52	
Benzo(b)fluoranthene	ug/L	<0.64	5.0	0.64	07/29/22 17:52	
Benzo(g,h,i)perylene	ug/L	<0.84	5.0	0.84	07/29/22 17:52	
Benzo(k)fluoranthene	ug/L	<0.76	5.0	0.76	07/29/22 17:52	
Biphenyl (Diphenyl)	ug/L	<0.36	5.0	0.36	07/29/22 17:52	
bis(2-Chloroethoxy)methane	ug/L	<0.38	5.0	0.38	07/29/22 17:52	
bis(2-Chloroethyl) ether	ug/L	<0.33	5.0	0.33	07/29/22 17:52	
bis(2-Ethylhexyl)phthalate	ug/L	<0.61	5.0	0.61	07/29/22 17:52	IC
Butylbenzylphthalate	ug/L	<0.40	5.0	0.40	07/29/22 17:52	
Caprolactam	ug/L	<1.4	5.0	1.4	07/29/22 17:52	IC
Carbazole	ug/L	<0.34	5.0	0.34	07/29/22 17:52	
Chrysene	ug/L	<0.47	5.0	0.47	07/29/22 17:52	
Di-n-butylphthalate	ug/L	<0.69	5.0	0.69	07/29/22 17:52	
Di-n-octylphthalate	ug/L	<0.76	5.0	0.76	07/29/22 17:52	
Dibenz(a,h)anthracene	ug/L	<0.93	5.0	0.93	07/29/22 17:52	
Dibenzofuran	ug/L	<0.37	5.0	0.37	07/29/22 17:52	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: SCHUMUCKLERS CLEANERS/ 17977

Pace Project No.: 70222828

METHOD BLANK: 1346101

Matrix: Water

Associated Lab Samples: 70222828001, 70222828002, 70222828003, 70222828004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diethylphthalate	ug/L	<0.42	5.0	0.42	07/29/22 17:52	
Dimethylphthalate	ug/L	<0.56	5.0	0.56	07/29/22 17:52	
Fluoranthene	ug/L	<0.40	5.0	0.40	07/29/22 17:52	
Fluorene	ug/L	<0.38	5.0	0.38	07/29/22 17:52	
Hexachloro-1,3-butadiene	ug/L	<0.46	5.0	0.46	07/29/22 17:52	
Hexachlorobenzene	ug/L	<0.35	5.0	0.35	07/29/22 17:52	
Hexachlorocyclopentadiene	ug/L	<2.2	5.0	2.2	07/29/22 17:52	v3
Hexachloroethane	ug/L	<0.43	5.0	0.43	07/29/22 17:52	
Indeno(1,2,3-cd)pyrene	ug/L	<0.88	5.0	0.88	07/29/22 17:52	
Isophorone	ug/L	<0.39	5.0	0.39	07/29/22 17:52	
N-Nitroso-di-n-propylamine	ug/L	<0.42	5.0	0.42	07/29/22 17:52	
N-Nitrosodiphenylamine	ug/L	<0.35	5.0	0.35	07/29/22 17:52	
Naphthalene	ug/L	<0.37	5.0	0.37	07/29/22 17:52	
Nitrobenzene	ug/L	<0.50	5.0	0.50	07/29/22 17:52	
Phenanthrene	ug/L	<0.35	5.0	0.35	07/29/22 17:52	
Pyrene	ug/L	<0.41	5.0	0.41	07/29/22 17:52	
1,2-Dichlorobenzene-d4 (S)	%	29	14-101		07/29/22 17:52	
2,4,6-Tribromophenol (S)	%	83	10-168		07/29/22 17:52	
2-Chlorophenol-d4 (S)	%	65	29-98		07/29/22 17:52	
2-Fluorobiphenyl (S)	%	47	13-100		07/29/22 17:52	
2-Fluorophenol (S)	%	52	26-113		07/29/22 17:52	
Nitrobenzene-d5 (S)	%	61	30-113		07/29/22 17:52	
p-Terphenyl-d14 (S)	%	94	10-138		07/29/22 17:52	
Phenol-d5 (S)	%	41	10-100		07/29/22 17:52	

LABORATORY CONTROL SAMPLE & LCSD: 1346102

1346103

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trichlorobenzene	ug/L	25	10.3	10.7	41	43	35-107	4	30	
1,2-Dichlorobenzene	ug/L	25	7.9	8.5	32	34	33-101	6	30	L2
1,3-Dichlorobenzene	ug/L	25	7.5	7.9	30	32	30-100	6	30	
1,4-Dichlorobenzene	ug/L	25	7.5	8.1	30	32	28-97	7	30	
2,2'-Oxybis(1-chloropropane)	ug/L	25	17.4	17.1	70	68	35-101	2	30	
2,4-Dinitrophenol	ug/L	25	13.9	16.7	56	67	10-174	18	30	v3
2,4-Dinitrotoluene	ug/L	25	21.6	22.7	86	91	53-124	5	30	
2,6-Dinitrotoluene	ug/L	25	21.8	22.6	87	91	61-118	4	30	
2-Chloronaphthalene	ug/L	25	16.9	17.0	67	68	49-104	1	30	
2-Methylnaphthalene	ug/L	25	14.5	14.7	58	59	46-102	1	30	
2-Nitroaniline	ug/L	25	14.5	15.3	58	61	44-108	5	30	v3
3,3'-Dichlorobenzidine	ug/L	25	24.2	24.6	97	98	59-126	1	30	
3-Nitroaniline	ug/L	25	23.7	24.5	95	98	63-113	3	30	
4-Bromophenylphenyl ether	ug/L	25	21.7	23.2	87	93	59-114	7	30	
4-Chloroaniline	ug/L	25	18.1	19.1	72	77	54-100	5	30	
4-Chlorophenylphenyl ether	ug/L	25	20.3	21.0	81	84	59-108	3	30	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: SCHUMUCKLERS CLEANERS/ 17977

Pace Project No.: 70222828

LABORATORY CONTROL SAMPLE & LCSD:		1346102		1346103							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
4-Nitroaniline	ug/L	25	23.1	24.6	92	98	64-113	6	30		
Acenaphthene	ug/L	25	18.9	19.3	75	77	54-101	2	30		
Acenaphthylene	ug/L	25	19.1	19.5	76	78	56-105	2	30		
Acetophenone	ug/L		17.5	17.8				1	30		
Anthracene	ug/L	25	21.5	22.4	86	90	61-108	4	30		
Atrazine	ug/L		26.0	26.5				2	30		
Benzaldehyde	ug/L		23.2	21.8				6	30	IC,v3	
Benzo(a)anthracene	ug/L	25	22.0	22.7	88	91	62-109	3	30		
Benzo(a)pyrene	ug/L	25	22.6	22.9	90	92	62-117	1	30		
Benzo(b)fluoranthene	ug/L	25	21.8	22.5	87	90	60-111	3	30		
Benzo(g,h,i)perylene	ug/L	25	23.0	23.8	92	95	58-123	4	30		
Benzo(k)fluoranthene	ug/L	25	21.7	22.6	87	90	63-111	4	30		
Biphenyl (Diphenyl)	ug/L		17.5	17.0				3	30		
bis(2-Chloroethoxy)methane	ug/L	25	17.9	19.4	72	78	47-94	8	30		
bis(2-Chloroethyl) ether	ug/L	25	17.3	17.2	69	69	45-95	1	30		
bis(2-Ethylhexyl)phthalate	ug/L	25	21.8	22.7	87	91	58-114	4	30	IC	
Butylbenzylphthalate	ug/L	25	22.6	23.3	90	93	41-115	3	30		
Caprolactam	ug/L		10.2	9.7				5	30	IC	
Carbazole	ug/L	25	22.8	23.9	91	96	62-111	5	30		
Chrysene	ug/L	25	22.5	22.5	90	90	61-109	0	30		
Di-n-butylphthalate	ug/L	25	22.6	23.5	91	94	46-119	4	30		
Di-n-octylphthalate	ug/L	25	21.2	21.8	85	87	47-130	3	30		
Dibenz(a,h)anthracene	ug/L	25	22.1	22.8	89	91	62-121	3	30		
Dibenzofuran	ug/L	25	20.5	20.7	82	83	58-107	1	30		
Diethylphthalate	ug/L	25	21.7	21.9	87	87	10-140	1	30		
Dimethylphthalate	ug/L	25	21.6	22.1	86	88	10-159	2	30		
Fluoranthene	ug/L	25	21.9	23.0	88	92	61-112	5	30		
Fluorene	ug/L	25	20.4	20.5	82	82	57-106	1	30		
Hexachloro-1,3-butadiene	ug/L	25	7.8	8.6	31	34	23-109	9	30		
Hexachlorobenzene	ug/L	25	22.3	23.2	89	93	49-121	4	30		
Hexachlorocyclopentadiene	ug/L	25	6.6	6.9	26	28	10-122	5	30	v3	
Hexachloroethane	ug/L	25	6.2	6.7	25	27	21-98	8	30		
Indeno(1,2,3-cd)pyrene	ug/L	25	23.2	24.1	93	96	59-116	4	30		
Isophorone	ug/L	25	18.9	20.0	76	80	53-99	6	30		
N-Nitroso-di-n-propylamine	ug/L	25	16.2	16.1	65	64	48-104	1	30		
N-Nitrosodiphenylamine	ug/L	25	22.4	23.2	90	93	61-107	4	30		
Naphthalene	ug/L	25	12.1	12.3	49	49	46-99	2	30		
Nitrobenzene	ug/L	25	16.8	17.4	67	70	46-99	4	30		
Phenanthrene	ug/L	25	21.2	22.4	85	89	60-109	5	30		
Pyrene	ug/L	25	20.8	22.3	83	89	59-112	7	30		
1,2-Dichlorobenzene-d4 (S)	%				27	29	14-101				
2,4,6-Tribromophenol (S)	%				102	110	10-168			E	
2-Chlorophenol-d4 (S)	%				65	69	29-98				
2-Fluorobiphenyl (S)	%				50	55	13-100				
2-Fluorophenol (S)	%				51	51	26-113				
Nitrobenzene-d5 (S)	%				61	66	30-113				
p-Terphenyl-d14 (S)	%				92	95	10-138				

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### QUALITY CONTROL DATA

Project: SCHUMUCKLERS CLEANERS/ 17977

Pace Project No.: 70222828

LABORATORY CONTROL SAMPLE & LCSD:		1346102		1346103							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
Phenol-d5 (S)	%				42	42	10-100				

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### REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: SCHUMUCKLERS CLEANERS/ 17977

Pace Project No.: 70222828

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### ANALYTE QUALIFIERS

- E Analyte concentration exceeded the calibration range. The reported result is estimated.
- IC The initial calibration for this compound was outside of method control limits. The result is estimated.
- IH This analyte exceeded secondary source verification criteria high for the initial calibration. The reported results should be considered an estimated value.
- L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
- N3 Accreditation is not offered by the relevant laboratory accrediting body for this parameter.
- v1 The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
- v3 The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SCHUMUCKLERS CLEANERS/ 17977

Pace Project No.: 70222828

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70222828001	MW-3	EPA 3510C	266449	EPA 8270E	266584
70222828002	MW-11	EPA 3510C	266449	EPA 8270E	266584
70222828003	MW-12	EPA 3510C	266449	EPA 8270E	266584
70222828004	BW-2	EPA 3510C	266449	EPA 8270E	266584
70222828002	MW-11	EPA 8260D/5030C	266488		
70222828003	MW-12	EPA 8260D/5030C	266488		

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# CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY - Affix Workorder/Login Label Here or List Pace Workorder Number or

MTJL Log-in Number Here

WO#: 70222828



USE ONLY

Company: WR5

Address: 17 Old Dock Rd NY 11980

Report To: Jha.p.r@wr5es.com

Site Collection Info/Address: 358 North Ave

State: NY County/City: New Rochelle

Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: 35640

DW Location Code: Immediately Packed on Ice: [ ] Yes [ ] No

Turnaround Date Required: Standard

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: \_\_\_\_\_

\* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID Matrix \* Comp/Grab Date Time Res Cl # of Ctns

MW-3 GW G 7-20-22 10:35 1

MW-11 ↓ 11:30 3

MW-12 ↓ 11:45 3

BW-2 ↓ 10:07 1

8260 voc's

8270 BN

Lab Sample Receipt Checklist: Custody Seals Present/Intact Y N NA

Custody Signatures Present Y N NA

Collector Signature Present Y N NA

Bottles Intact Y N NA

Correct Bottles Y N NA

Sufficient Volume Y N NA

Samples Received on Ice Y N NA

VOA - Headspace Acceptable Y N NA

USDA Regulated Soils Y N NA

Samples in Holding Time Y N NA

Residual Chlorine Present Y N NA

Cl Strips: Y N NA

Sample pH Acceptable Y N NA

pH Strips: Y N NA

Sulfide Present Y N NA

Lead Acetate Strips: Y N NA

LAB USE ONLY: Lab Sample # / Comments:

Lab Profile/Line: Lab Sample Receipt Checklist:

Lab Sample Receipt Checklist: Custody Seals Present/Intact Y N NA

Custody Signatures Present Y N NA

Collector Signature Present Y N NA

Bottles Intact Y N NA

Correct Bottles Y N NA

Sufficient Volume Y N NA

Samples Received on Ice Y N NA

VOA - Headspace Acceptable Y N NA

USDA Regulated Soils Y N NA

Samples in Holding Time Y N NA

Residual Chlorine Present Y N NA

Cl Strips: Y N NA

Sample pH Acceptable Y N NA

pH Strips: Y N NA

Sulfide Present Y N NA

Lead Acetate Strips: Y N NA

LAB USE ONLY: Lab Sample # / Comments:

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Collector Signature Present Y N NA

Bottles Intact Y N NA

Correct Bottles Y N NA

Sufficient Volume Y N NA

Samples Received on Ice Y N NA

VOA - Headspace Acceptable Y N NA

USDA Regulated Soils Y N NA

Samples in Holding Time Y N NA

Residual Chlorine Present Y N NA

Cl Strips: Y N NA

Sample pH Acceptable Y N NA

pH Strips: Y N NA

Sulfide Present Y N NA

Lead Acetate Strips: Y N NA

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Collector Signature Present Y N NA

Bottles Intact Y N NA

Correct Bottles Y N NA

Sufficient Volume Y N NA

Samples Received on Ice Y N NA

VOA - Headspace Acceptable Y N NA

USDA Regulated Soils Y N NA

Samples in Holding Time Y N NA

Residual Chlorine Present Y N NA

Cl Strips: Y N NA

Sample pH Acceptable Y N NA

pH Strips: Y N NA

Sulfide Present Y N NA

Lead Acetate Strips: Y N NA

LAB USE ONLY: Lab Sample # / Comments:

Lab Profile/Line: Lab Sample Receipt Checklist:

Lab Sample Receipt Checklist: Custody Seals Present/Intact Y N NA

Custody Signatures Present Y N NA

Collector Signature Present Y N NA

Bottles Intact Y N NA

Correct Bottles Y N NA

Sufficient Volume Y N NA

Samples Received on Ice Y N NA

VOA - Headspace Acceptable Y N NA

USDA Regulated Soils Y N NA

Samples in Holding Time Y N NA

Residual Chlorine Present Y N NA

Cl Strips: Y N NA

Sample pH Acceptable Y N NA

pH Strips: Y N NA

Sulfide Present Y N NA

Lead Acetate Strips: Y N NA

LAB USE ONLY: Lab Sample # / Comments:

Lab Profile/Line: Lab Sample Receipt Checklist:

Lab Sample Receipt Checklist: Custody Seals Present/Intact Y N NA

Custody Signatures Present Y N NA

Collector Signature Present Y N NA

Bottles Intact Y N NA

Correct Bottles Y N NA

Sufficient Volume Y N NA

Samples Received on Ice Y N NA

VOA - Headspace Acceptable Y N NA

USDA Regulated Soils Y N NA

Samples in Holding Time Y N NA

Residual Chlorine Present Y N NA

Cl Strips: Y N NA

Sample pH Acceptable Y N NA

pH Strips: Y N NA

Sulfide Present Y N NA

Lead Acetate Strips: Y N NA

LAB USE ONLY: Lab Sample # / Comments:

Lab Profile/Line: Lab Sample Receipt Checklist:

Lab Sample Receipt Checklist: Custody Seals Present/Intact Y N NA

Custody Signatures Present Y N NA

Collector Signature Present Y N NA

Bottles Intact Y N NA

Correct Bottles Y N NA

Sufficient Volume Y N NA

Samples Received on Ice Y N NA

VOA - Headspace Acceptable Y N NA

USDA Regulated Soils Y N NA

Samples in Holding Time Y N NA

Residual Chlorine Present Y N NA

Cl Strips: Y N NA

Sample pH Acceptable Y N NA

pH Strips: Y N NA

Sulfide Present Y N NA

Lead Acetate Strips: Y N NA

LAB USE ONLY: Lab Sample # / Comments:

Lab Profile/Line: Lab Sample Receipt Checklist:

Lab Sample Receipt Checklist: Custody Seals Present/Intact Y N NA

Custody Signatures Present Y N NA

Collector Signature Present Y N NA

Bottles Intact Y N NA

Correct Bottles Y N NA

Sufficient Volume Y N NA

Samples Received on Ice Y N NA

VOA - Headspace Acceptable Y N NA

USDA Regulated Soils Y N NA

Samples in Holding Time Y N NA

Residual Chlorine Present Y N NA

Cl Strips: Y N NA

Sample pH Acceptable Y N NA

pH Strips: Y N NA

Sulfide Present Y N NA

Lead Acetate Strips: Y N NA

LAB USE ONLY: Lab Sample # / Comments:

Lab Profile/Line: Lab Sample Receipt Checklist:

Lab Sample Receipt Checklist: Custody Seals Present/Intact Y N NA

Custody Signatures Present Y N NA

Collector Signature Present Y N NA

Bottles Intact Y N NA

Correct Bottles Y N NA

Sufficient Volume Y N NA

Samples Received on Ice Y N NA

VOA - Headspace Acceptable Y N NA

USDA Regulated Soils Y N NA

Samples in Holding Time Y N NA

Residual Chlorine Present Y N NA

Cl Strips: Y N NA

Sample pH Acceptable Y N NA

pH Strips: Y N NA

Sulfide Present Y N NA

Lead Acetate Strips: Y N NA

LAB USE ONLY: Lab Sample # / Comments:

Lab Profile/Line: Lab Sample Receipt Checklist:

Lab Sample Receipt Checklist: Custody Seals Present/Intact Y N NA

Custody Signatures Present Y N NA

Collector Signature Present Y N NA

Bottles Intact Y N NA

Correct Bottles Y N NA

Sufficient Volume Y N NA

Samples Received on Ice Y N NA

VOA - Headspace Acceptable Y N NA

USDA Regulated Soils Y N NA

Samples in Holding Time Y N NA

Residual Chlorine Present Y N NA

Cl Strips: Y N NA

Sample pH Acceptable Y N NA

pH Strips: Y N NA

Sulfide Present Y N NA

Lead Acetate Strips: Y N NA

LAB USE ONLY: Lab Sample # / Comments:

Lab Profile/Line: Lab Sample Receipt Checklist:

Lab Sample Receipt Checklist: Custody Seals Present/Intact Y N NA

Custody Signatures Present Y N NA

Collector Signature Present Y N NA

Bottles Intact Y N NA

Correct Bottles Y N NA

Sufficient Volume Y N NA

Samples Received on Ice Y N NA

VOA - Headspace Acceptable Y N NA

USDA Regulated Soils Y N NA

Samples in Holding Time Y N NA

Residual Chlorine Present Y N NA

Cl Strips: Y N NA

Sample pH Acceptable Y N NA

pH Strips: Y N NA

Sulfide Present Y N NA

Lead Acetate Strips: Y N NA

LAB USE ONLY: Lab Sample # / Comments:

Lab Profile/Line: Lab Sample Receipt Checklist:

Lab Sample Receipt Checklist: Custody Seals Present/Intact Y N NA

Custody Signatures Present Y N NA

Collector Signature Present Y N NA

Bottles Intact Y N NA

Correct Bottles Y N NA

Sufficient Volume Y N NA

Samples Received on Ice Y N NA

VOA - Headspace Acceptable Y N NA

USDA Regulated Soils Y N NA

Samples in Holding Time Y N NA

Residual Chlorine Present Y N NA

Cl Strips: Y N NA

Sample pH Acceptable Y N NA

pH Strips: Y N NA

Sulfide Present Y N NA

Lead Acetate Strips: Y N NA

LAB USE ONLY: Lab Sample # / Comments:

Lab Profile/Line: Lab Sample Receipt Checklist:

Lab Sample Receipt Checklist: Custody Seals Present/Intact Y N NA

Custody Signatures Present Y N NA

Collector Signature Present Y N NA

Bottles Intact Y N NA

Correct Bottles Y N NA

Sufficient Volume Y N NA

Samples Received on Ice Y N NA

VOA - Headspace Acceptable Y N NA

USDA Regulated Soils Y N NA

Samples in Holding Time Y N NA

Residual Chlorine Present Y N NA

Cl Strips: Y N NA

Sample pH Acceptable Y N NA

pH Strips: Y N NA

Sulfide Present Y N NA

Lead Acetate Strips: Y N NA

LAB USE ONLY: Lab Sample # / Comments:

Lab Profile/Line: Lab Sample Receipt Checklist:

Lab Sample Receipt Checklist: Custody Seals Present/Intact Y N NA

Custody Signatures Present Y N NA

Collector Signature Present Y N NA

Bottles Intact Y N NA

Correct Bottles Y N NA

Sufficient Volume Y N NA

Samples Received on Ice Y N NA

VOA - Headspace Acceptable Y N NA

USDA Regulated Soils Y N NA

Samples in Holding Time Y N NA

Residual Chlorine Present Y N NA

Cl Strips: Y N NA

Sample pH Acceptable Y N NA

pH Strips: Y N NA

Sulfide Present Y N NA

Lead Acetate Strips: Y N NA

LAB USE ONLY: Lab Sample # / Comments: