



September 27, 2017

Paulette Enders  
City of Wauwatosa Community Development Authority  
7725 W. North Ave  
Wauwatosa, WI 53213

**Subject: Environmental Investigation Sampling Results**  
**BRRTS#: 02-41-562047**

Dear Ms. Enders:

In accordance with Wisconsin Department of Natural Resources (WDNR) regulation NR 716.14 and the access agreement dated January 25, 2017, EnviroForensics, LLC. (EnviroForensics) is providing the results of environmental samples collected from the City of Wauwatosa property located at 2578 North Wauwatosa Avenue in Wauwatosa, Wisconsin on August 25, 2017.

## Results

Five (5) groundwater samples were collected from your property and analyzed for volatile organic compounds (VOCs) and polycyclic aromatic hydrocarbon (PAHs). The sample locations are depicted on **Figure 1**. As shown in **Table 1** and **Table 2**, MW-S03 contained tetrachloroethene above the WDNR's Public Health Enforcement Standard (ES), and MW-S04 contained benzo(b)fluoranthene and chrysene above the WDNR's Preventive Action Limits but below the ESs. The laboratory report that relates to these groundwater samples is attached.

If you have any questions or concerns, please contact us at 262-510-0612 or by email at [rhoverman@enviroforensics.com](mailto:rhoverman@enviroforensics.com). We greatly appreciate your assistance with this matter.

Sincerely,  
**EnviroForensics, LLC**

A handwritten signature in blue ink, appearing to read "Rob Hoverman".

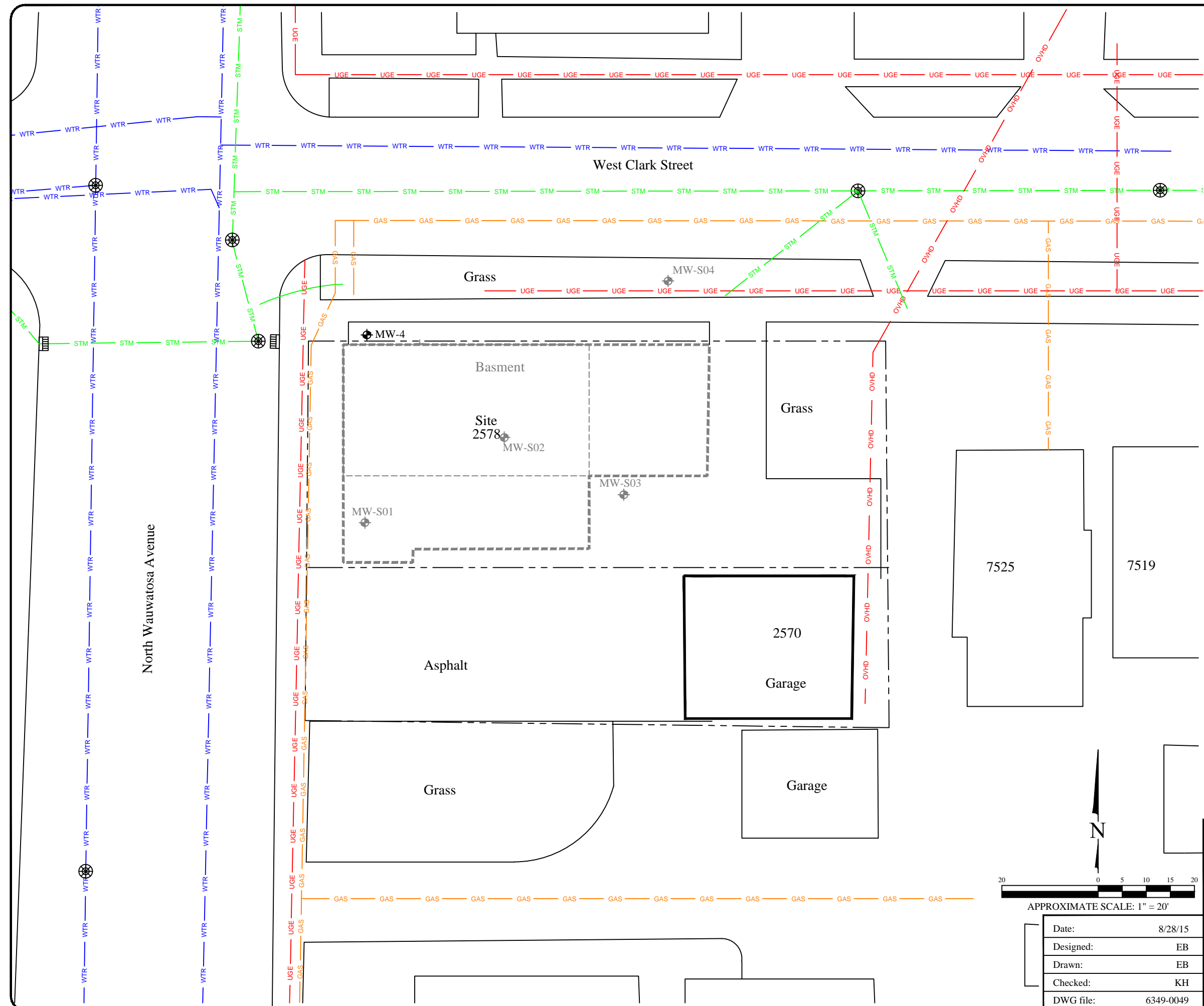
Rob Hoverman, LPG  
*Senior Project Manager*

Copy: Trevor Nobile, Wisconsin Department of Natural Resources

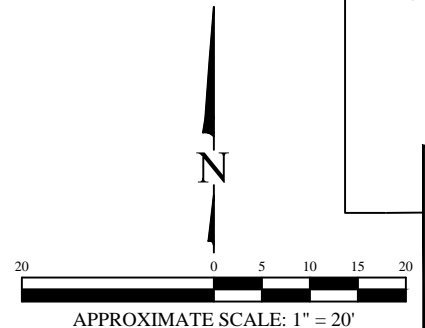
*Document: 6349-0479*  
Environmental Forensic Investigations, Inc.  
N16 W23390 Stone Ridge Dr, Suite G, Waukesha, WI 53188  
Phone: 414-982-3988 • Fax 317-972-7875

Attachments

Figure 1: Monitoring Well Location Map  
Table 1: VOC Groundwater Analytical Results  
Table 2: PAH Groundwater Analytical Results  
Laboratory Analytical Report



- ### Legend
- Property boundary
  - GAS Underground gas utility line
  - WTR Underground water utility line
  - STM Underground storm utility line
  - UGE Underground electrical utility line
  - OVHD Over head electrical utility line
  - Manhole
  - Catch Basin
  - MW-S01 Soil boring and temporary monitoring well locations (by Symbiont)
  - MW-1 Monitoring well
  - Former building and basement



<b>MONITORING WELL LOCATION MAP</b>											
Former Vogue Cleaners 2578 North Wauwatosa Avenue, Wauwatosa, Wisconsin											
	Figure										
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Date:</td><td style="text-align: right;">8/28/15</td></tr> <tr><td>Designed:</td><td style="text-align: right;">EB</td></tr> <tr><td>Drawn:</td><td style="text-align: right;">EB</td></tr> <tr><td>Checked:</td><td style="text-align: right;">KH</td></tr> <tr><td>DWG file:</td><td style="text-align: right;">6349-0049</td></tr> </table>	Date:	8/28/15	Designed:	EB	Drawn:	EB	Checked:	KH	DWG file:	6349-0049	1
Date:	8/28/15										
Designed:	EB										
Drawn:	EB										
Checked:	KH										
DWG file:	6349-0049										
<small>ENVIRONMENTAL FORENSIC INVESTIGATIONS, INC. 602 N. Capitol Ave., Ste. 210 • Indianapolis, IN 46204 EnviroForensics.com</small>	Project										
	6349										

**TABLE 1**  
**VOC GROUNDWATER ANALYTICAL RESULTS**  
Former Vogue Cleaners  
2578 N. Wauwatosa Avenue, Wauwatosa, Wisconsin

Monitoring Well Identification	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride
		Volatile Organic Compounds (VOC)				
<b>Public Health Enforcement Standard</b>		<b>5</b>	<b>5</b>	<b>70</b>	<b>100</b>	<b>0.2</b>
<b>Public Health Preventive Action Limit</b>		<b>0.5</b>	<b>0.5</b>	<b>7</b>	<b>20</b>	<b>0.02</b>
MW-4	10/08/15	<0.49	<0.47	<0.45	<0.54	<0.17
	03/28/17	<0.48	<0.45	<0.41	<0.35	<0.19
	05/26/17	<0.48	<0.45	<0.41	<0.35	<0.19
	08/25/17	<0.48	<0.45	<0.41	<0.35	<0.19
MW-S01	09/28/15	<0.17	<0.19	<0.12	<0.25	<0.10
	03/28/17	<0.48	<0.45	<0.41	<0.35	<0.19
	05/26/17	<0.48	<0.45	<0.41	<0.35	<0.19
	08/25/17	<0.48	<0.45	<0.41	<0.35	<0.19
MW-S02	09/28/15	<b>4.2</b>	<0.19	<0.12	<0.25	<0.10
	03/28/17	<0.48	<0.45	<0.41	<0.35	<0.19
	05/26/17	<b>0.56 J</b>	<0.45	<0.41	<0.35	<0.19
	08/25/17	<0.48	<0.45	<0.41	<0.35	<0.19
MW-S03	09/28/15	<b>21,000</b>	<b>17 J</b>	<6.0	<13	<5.0
	3/28/2017 *	<b>26,700</b>	<b>18.4</b>	<b>8.4</b>	<0.35	<0.19
	05/26/17	<b>24,300</b>	<90	<82	<70	<38
	08/25/17	<b>30,800</b>	<90	<82	<70	<38
MW-S04	09/28/15	<0.17	<0.19	<0.12	<0.25	<0.10
	03/28/17	<0.48	<0.45	<0.41	<0.35	<0.19
	05/26/17	<0.48	<0.45	<0.41	<0.35	<0.19
	08/25/17	<0.48	<0.45	<0.41	<0.35	<0.19

**Notes:**

All concentrations reported in units of micrograms per liter (µg/l)

Only detected compounds are listed

Samples analyzed according to US EPA Method 8260

**Bolded** values are above detection limits

**Bolded and Orange Shaded** values indicates an exceedance of the Public Health Enforcement Standard

**Bolded and Blue Shaded** values indicates an exceedance the Public Health Preventive Action Limit

J = Analyte concentration detected between the laboratory Reporting Limit and the laboratory Method Detection Limit

**TABLE 2**  
**PAH GROUNDWATER ANALYTICAL RESULTS**  
Former Vogue Cleaners  
2578 N. Wauwatosa Avenue, Wauwatosa, Wisconsin

Monitoring Well Identification	Sample Date	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Flouranthene	Flourene	Indeno(1,2,3-cd)pyrene	1-Methyl naphthalene	2-Methyl naphthalene	Naphthalene	Phenanthrene	Pyrene
		Polycyclic Aromatic Hydrocarbons (PAH)																	
<b>Public Health Enforcement Standard</b>		NE	NE	3,000	NE	0.2	0.2	NE	NE	0.2	NE	400	400	NE	NE	NE	100	NE	250
<b>Public Health Preventive Action Limit</b>		NE	NE	300	NE	0.02	0.02	NE	NE	0.02	NE	40	40	NE	NE	NE	10	NE	25
MW-4	05/26/17	<b>0.0282 J</b>	<b>0.045 J</b>	<b>0.143</b>	<b>0.273</b>	<b>0.311</b>	<b>0.4</b>	<b>0.142</b>	<b>0.118</b>	<b>0.268</b>	<b>0.037 J</b>	<b>0.58</b>	<b>0.043 J</b>	<b>143</b>	<0.024	<0.024	<0.025	<b>0.41</b>	<b>0.48</b>
	08/25/17	<0.016	<0.019	<0.019	<b>0.0245 J</b>	<0.02	<0.018	<0.025	<0.016	<0.02	<0.025	<b>0.0265 J</b>	<0.021	<0.023	<0.024	<0.024	<0.025	<0.025	<b>0.0251 J</b>
MW-S01	09/28/15	<0.26	<0.22	<0.28	<0.047	<0.082	<0.067	<0.31	<0.053	<0.056	<0.042	<0.38	<0.20	<0.062	<0.25	<0.054	<0.26	<0.25	<0.25
	05/26/17	<0.016	<b>0.037</b>	<0.019	<0.017	<0.02	<0.018	<0.025	<0.016	<0.02	<0.025	<0.017	<0.021	<0.023	<0.024	<0.024	<0.025	<0.025	<0.02
	08/25/17	<0.016	<0.019	<0.019	<b>0.0186 J</b>	<0.02	<0.018	<0.025	<0.016	<0.02	<0.025	<0.017	<0.021	<0.023	<0.024	<0.024	<0.025	<0.025	<0.02
MW-S02	09/28/15	<0.26	<0.23	<0.28	<0.048	<0.084	<0.068	<0.32	<0.054	<0.058	<0.043	<0.38	<0.21	<0.063	<0.26	<0.055	<0.26	<0.26	<0.36
	05/26/17	<0.016	<b>0.033 J</b>	<0.019	<0.017	<0.02	<0.018	<0.025	<0.016	<0.02	<0.025	<0.017	<0.021	<0.023	<0.024	<0.024	<0.025	<0.025	<0.02
	08/25/17	<0.016	<0.019	<0.019	<b>0.0217 J</b>	<0.02	<0.018	<0.025	<0.016	<0.02	<0.025	<0.017	<0.021	<0.023	<0.024	<0.024	<0.025	<0.025	<0.02
MW-S03	09/28/15	<0.25	<0.22	<0.27	<0.046	<0.081	<0.066	<0.31	<0.052	<0.056	<0.041	<0.37	<0.20	<0.061	<0.25	<0.053	<0.25	<0.25	<0.25
	05/26/17	<0.016	<b>0.0302 J</b>	<0.019	<b>0.034 J</b>	<b>0.0209 J</b>	<b>0.0311 J</b>	<0.025	<0.016	<b>0.0287 J</b>	<0.025	<b>0.062</b>	<0.021	<0.023	<0.024	<0.024	<0.025	<0.025	<b>0.06 J</b>
	08/25/17	<0.016	<0.019	<0.019	<b>0.0191 J</b>	<0.02	<0.018	<0.025	<0.016	<0.02	<0.025	<0.017	<0.021	<0.023	<0.024	<0.024	<0.025	<0.025	<0.02
MW-S04	09/28/15	<0.25	<0.22	<0.27	<0.046	<0.081	<0.066	<0.31	<0.053	<0.056	<0.042	<0.37	<0.20	<0.061	<0.25	<0.053	<0.25	<0.25	<0.25
	05/26/17	<0.016	<b>0.0227 J</b>	<0.019	<0.017	<0.02	<0.018	<0.025	<0.016	<0.02	<0.025	<0.017	<0.021	<0.023	<0.024	<0.024	<0.025	<0.025	<0.02
	08/25/17	<0.016	<0.019	<0.019	<b>0.032 J</b>	<0.02	<b>0.0305 J</b>	<0.025	<0.016	<b>0.0216 J</b>	<0.025	<b>0.04 J</b>	<0.021	<0.023	<0.024	<0.024	<0.025	<b>0.0289 J</b>	<b>0.035 J</b>

**Notes:**

All concentrations reported in units of micrograms per liter (µg/l)

Only detected compounds are listed

PAH samples analyzed according to US EPA Method 8270

**Bolded** values are above detection limits

**Bolded and Orange Shaded** values indicates an exceedance of the Public Health Enforcement Standard

**Bolded and Blue Shaded** values indicates an exceedance the Public Health Preventive Action Limit

J = Analyte concentration detected between the laboratory Reporting Limit and the laboratory Method Detection Limit

NE = Not Established

Project Name VOGUE CLEANERS  
 Project # 6143 PO#2017-1191

Invoice # E33510

Lab Code 5033510D  
 Sample ID 6349 MW-4  
 Sample Matrix Water  
 Sample Date 8/25/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		8/29/2017	CJR	1
Bromobenzene	< 0.43	ug/l	0.43	1.37	1	8260B		8/29/2017	CJR	1
Bromodichloromethane	< 0.31	ug/l	0.31	1	1	8260B		8/29/2017	CJR	1
Bromoform	< 0.49	ug/l	0.49	1.56	1	8260B		8/29/2017	CJR	1
tert-Butylbenzene	< 0.39	ug/l	0.39	1.23	1	8260B		8/29/2017	CJR	1
sec-Butylbenzene	< 0.24	ug/l	0.24	0.76	1	8260B		8/29/2017	CJR	1
n-Butylbenzene	< 0.34	ug/l	0.34	1.08	1	8260B		8/29/2017	CJR	1
Carbon Tetrachloride	< 0.21	ug/l	0.21	0.68	1	8260B		8/29/2017	CJR	1
Chlorobenzene	< 0.27	ug/l	0.27	0.86	1	8260B		8/29/2017	CJR	1
Chloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		8/29/2017	CJR	1
Chloroform	< 0.96	ug/l	0.96	3.04	1	8260B		8/29/2017	CJR	1
Chloromethane	< 1.3	ug/l	1.3	4.15	1	8260B		8/29/2017	CJR	1
2-Chlorotoluene	< 0.36	ug/l	0.36	1.15	1	8260B		8/29/2017	CJR	1
4-Chlorotoluene	< 0.35	ug/l	0.35	1.11	1	8260B		8/29/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 1.88	ug/l	1.88	5.98	1	8260B		8/29/2017	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.44	1	8260B		8/29/2017	CJR	1
1,4-Dichlorobenzene	< 0.42	ug/l	0.42	1.34	1	8260B		8/29/2017	CJR	1
1,3-Dichlorobenzene	< 0.45	ug/l	0.45	1.43	1	8260B		8/29/2017	CJR	1
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.09	1	8260B		8/29/2017	CJR	1
Dichlorodifluoromethane	< 0.38	ug/l	0.38	1.2	1	8260B		8/29/2017	CJR	1
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B		8/29/2017	CJR	1
1,1-Dichloroethane	< 0.42	ug/l	0.42	1.34	1	8260B		8/29/2017	CJR	1
1,1-Dichloroethene	< 0.46	ug/l	0.46	1.47	1	8260B		8/29/2017	CJR	1
cis-1,2-Dichloroethene	< 0.41	ug/l	0.41	1.29	1	8260B		8/29/2017	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.12	1	8260B		8/29/2017	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.24	1	8260B		8/29/2017	CJR	1
1,3-Dichloropropane	< 0.49	ug/l	0.49	1.55	1	8260B		8/29/2017	CJR	1
trans-1,3-Dichloropropene	< 0.42	ug/l	0.42	1.33	1	8260B		8/29/2017	CJR	1
cis-1,3-Dichloropropene	< 0.21	ug/l	0.21	0.65	1	8260B		8/29/2017	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.83	1	8260B		8/29/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		8/29/2017	CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B		8/29/2017	CJR	1
Hexachlorobutadiene	< 1.47	ug/l	1.47	4.68	1	8260B		8/29/2017	CJR	1
Isopropylbenzene	< 0.29	ug/l	0.29	0.93	1	8260B		8/29/2017	CJR	1
p-Isopropyltoluene	< 0.28	ug/l	0.28	0.91	1	8260B		8/29/2017	CJR	1
Methylene chloride	< 0.94	ug/l	0.94	2.98	1	8260B		8/29/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		8/29/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B		8/29/2017	CJR	1
n-Propylbenzene	< 0.19	ug/l	0.19	0.62	1	8260B		8/29/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.69	ug/l	0.69	2.21	1	8260B		8/29/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.47	ug/l	0.47	1.48	1	8260B		8/29/2017	CJR	1
Tetrachloroethene	< 0.48	ug/l	0.48	1.52	1	8260B		8/29/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		8/29/2017	CJR	1
1,2,4-Trichlorobenzene	< 1.29	ug/l	1.29	4.1	1	8260B		8/29/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.83	ug/l	0.83	2.63	1	8260B		8/29/2017	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.11	1	8260B		8/29/2017	CJR	1
1,1,2-Trichloroethane	< 0.65	ug/l	0.65	2.06	1	8260B		8/29/2017	CJR	1
Trichloroethene (TCE)	< 0.45	ug/l	0.45	1.43	1	8260B		8/29/2017	CJR	1
Trichlorofluoromethane	< 0.64	ug/l	0.64	2.04	1	8260B		8/29/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B		8/29/2017	CJR	1

**Project Name** VOGUE CLEANERS  
**Project #** 6143 PO#2017-1191

**Invoice #** E33510

**Lab Code** 5033510D  
**Sample ID** 6349 MW-4  
**Sample Matrix** Water  
**Sample Date** 8/25/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B	8/29/2017	8/29/2017	CJR	1
Vinyl Chloride	< 0.19	ug/l	0.19	0.62	1	8260B	8/29/2017	8/29/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B	8/29/2017	8/29/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B	8/29/2017	8/29/2017	CJR	1
SUR - Toluene-d8	97	REC %			1	8260B	8/29/2017	8/29/2017	CJR	1
SUR - Dibromofluoromethane	103	REC %			1	8260B	8/29/2017	8/29/2017	CJR	1
SUR - 4-Bromofluorobenzene	103	REC %			1	8260B	8/29/2017	8/29/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	92	REC %			1	8260B	8/29/2017	8/29/2017	CJR	1

**Project Name** VOGUE CLEANERS  
**Project #** 6143 PO#2017-1191

**Invoice #** E33510

**Lab Code** 5033510E  
**Sample ID** 6349 MW-SO1  
**Sample Matrix** Water  
**Sample Date** 8/25/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		8/29/2017	CJR	1
Bromobenzene	< 0.43	ug/l	0.43	1.37	1	8260B		8/29/2017	CJR	1
Bromodichloromethane	< 0.31	ug/l	0.31	1	1	8260B		8/29/2017	CJR	1
Bromoform	< 0.49	ug/l	0.49	1.56	1	8260B		8/29/2017	CJR	1
tert-Butylbenzene	< 0.39	ug/l	0.39	1.23	1	8260B		8/29/2017	CJR	1
sec-Butylbenzene	< 0.24	ug/l	0.24	0.76	1	8260B		8/29/2017	CJR	1
n-Butylbenzene	< 0.34	ug/l	0.34	1.08	1	8260B		8/29/2017	CJR	1
Carbon Tetrachloride	< 0.21	ug/l	0.21	0.68	1	8260B		8/29/2017	CJR	1
Chlorobenzene	< 0.27	ug/l	0.27	0.86	1	8260B		8/29/2017	CJR	1
Chloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		8/29/2017	CJR	1
Chloroform	< 0.96	ug/l	0.96	3.04	1	8260B		8/29/2017	CJR	1
Chloromethane	< 1.3	ug/l	1.3	4.15	1	8260B		8/29/2017	CJR	1
2-Chlorotoluene	< 0.36	ug/l	0.36	1.15	1	8260B		8/29/2017	CJR	1
4-Chlorotoluene	< 0.35	ug/l	0.35	1.11	1	8260B		8/29/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 1.88	ug/l	1.88	5.98	1	8260B		8/29/2017	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.44	1	8260B		8/29/2017	CJR	1
1,4-Dichlorobenzene	< 0.42	ug/l	0.42	1.34	1	8260B		8/29/2017	CJR	1
1,3-Dichlorobenzene	< 0.45	ug/l	0.45	1.43	1	8260B		8/29/2017	CJR	1
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.09	1	8260B		8/29/2017	CJR	1
Dichlorodifluoromethane	< 0.38	ug/l	0.38	1.2	1	8260B		8/29/2017	CJR	1
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B		8/29/2017	CJR	1
1,1-Dichloroethane	< 0.42	ug/l	0.42	1.34	1	8260B		8/29/2017	CJR	1
1,1-Dichloroethene	< 0.46	ug/l	0.46	1.47	1	8260B		8/29/2017	CJR	1
cis-1,2-Dichloroethene	< 0.41	ug/l	0.41	1.29	1	8260B		8/29/2017	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.12	1	8260B		8/29/2017	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.24	1	8260B		8/29/2017	CJR	1
1,3-Dichloropropane	< 0.49	ug/l	0.49	1.55	1	8260B		8/29/2017	CJR	1
trans-1,3-Dichloropropene	< 0.42	ug/l	0.42	1.33	1	8260B		8/29/2017	CJR	1
cis-1,3-Dichloropropene	< 0.21	ug/l	0.21	0.65	1	8260B		8/29/2017	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.83	1	8260B		8/29/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		8/29/2017	CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B		8/29/2017	CJR	1
Hexachlorobutadiene	< 1.47	ug/l	1.47	4.68	1	8260B		8/29/2017	CJR	1
Isopropylbenzene	< 0.29	ug/l	0.29	0.93	1	8260B		8/29/2017	CJR	1
p-Isopropyltoluene	< 0.28	ug/l	0.28	0.91	1	8260B		8/29/2017	CJR	1
Methylene chloride	< 0.94	ug/l	0.94	2.98	1	8260B		8/29/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		8/29/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B		8/29/2017	CJR	1
n-Propylbenzene	< 0.19	ug/l	0.19	0.62	1	8260B		8/29/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.69	ug/l	0.69	2.21	1	8260B		8/29/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.47	ug/l	0.47	1.48	1	8260B		8/29/2017	CJR	1
Tetrachloroethene	< 0.48	ug/l	0.48	1.52	1	8260B		8/29/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		8/29/2017	CJR	1
1,2,4-Trichlorobenzene	< 1.29	ug/l	1.29	4.1	1	8260B		8/29/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.83	ug/l	0.83	2.63	1	8260B		8/29/2017	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.11	1	8260B		8/29/2017	CJR	1
1,1,2-Trichloroethane	< 0.65	ug/l	0.65	2.06	1	8260B		8/29/2017	CJR	1
Trichloroethene (TCE)	< 0.45	ug/l	0.45	1.43	1	8260B		8/29/2017	CJR	1
Trichlorofluoromethane	< 0.64	ug/l	0.64	2.04	1	8260B		8/29/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B		8/29/2017	CJR	1



**Project Name** VOGUE CLEANERS  
**Project #** 6143 PO#2017-1191

**Invoice #** E33510

**Lab Code** 5033510E  
**Sample ID** 6349 MW-SO1  
**Sample Matrix** Water  
**Sample Date** 8/25/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B	8/29/2017	8/29/2017	CJR	1
Vinyl Chloride	< 0.19	ug/l	0.19	0.62	1	8260B	8/29/2017	8/29/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B	8/29/2017	8/29/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B	8/29/2017	8/29/2017	CJR	1
SUR - Dibromofluoromethane	108	REC %			1	8260B	8/29/2017	8/29/2017	CJR	1
SUR - Toluene-d8	96	REC %			1	8260B	8/29/2017	8/29/2017	CJR	1
SUR - 4-Bromofluorobenzene	98	REC %			1	8260B	8/29/2017	8/29/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	95	REC %			1	8260B	8/29/2017	8/29/2017	CJR	1

**Project Name** VOGUE CLEANERS  
**Project #** 6143 PO#2017-1191

**Invoice #** E33510

**Lab Code** 5033510F  
**Sample ID** 6349 MW-SO2  
**Sample Matrix** Water  
**Sample Date** 8/25/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		8/29/2017	CJR	1
Bromobenzene	< 0.43	ug/l	0.43	1.37	1	8260B		8/29/2017	CJR	1
Bromodichloromethane	< 0.31	ug/l	0.31	1	1	8260B		8/29/2017	CJR	1
Bromoform	< 0.49	ug/l	0.49	1.56	1	8260B		8/29/2017	CJR	1
tert-Butylbenzene	< 0.39	ug/l	0.39	1.23	1	8260B		8/29/2017	CJR	1
sec-Butylbenzene	< 0.24	ug/l	0.24	0.76	1	8260B		8/29/2017	CJR	1
n-Butylbenzene	< 0.34	ug/l	0.34	1.08	1	8260B		8/29/2017	CJR	1
Carbon Tetrachloride	< 0.21	ug/l	0.21	0.68	1	8260B		8/29/2017	CJR	1
Chlorobenzene	< 0.27	ug/l	0.27	0.86	1	8260B		8/29/2017	CJR	1
Chloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		8/29/2017	CJR	1
Chloroform	< 0.96	ug/l	0.96	3.04	1	8260B		8/29/2017	CJR	1
Chloromethane	< 1.3	ug/l	1.3	4.15	1	8260B		8/29/2017	CJR	1
2-Chlorotoluene	< 0.36	ug/l	0.36	1.15	1	8260B		8/29/2017	CJR	1
4-Chlorotoluene	< 0.35	ug/l	0.35	1.11	1	8260B		8/29/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 1.88	ug/l	1.88	5.98	1	8260B		8/29/2017	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.44	1	8260B		8/29/2017	CJR	1
1,4-Dichlorobenzene	< 0.42	ug/l	0.42	1.34	1	8260B		8/29/2017	CJR	1
1,3-Dichlorobenzene	< 0.45	ug/l	0.45	1.43	1	8260B		8/29/2017	CJR	1
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.09	1	8260B		8/29/2017	CJR	1
Dichlorodifluoromethane	< 0.38	ug/l	0.38	1.2	1	8260B		8/29/2017	CJR	1
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B		8/29/2017	CJR	1
1,1-Dichloroethane	< 0.42	ug/l	0.42	1.34	1	8260B		8/29/2017	CJR	1
1,1-Dichloroethene	< 0.46	ug/l	0.46	1.47	1	8260B		8/29/2017	CJR	1
cis-1,2-Dichloroethene	< 0.41	ug/l	0.41	1.29	1	8260B		8/29/2017	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.12	1	8260B		8/29/2017	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.24	1	8260B		8/29/2017	CJR	1
1,3-Dichloropropane	< 0.49	ug/l	0.49	1.55	1	8260B		8/29/2017	CJR	1
trans-1,3-Dichloropropene	< 0.42	ug/l	0.42	1.33	1	8260B		8/29/2017	CJR	1
cis-1,3-Dichloropropene	< 0.21	ug/l	0.21	0.65	1	8260B		8/29/2017	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.83	1	8260B		8/29/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		8/29/2017	CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B		8/29/2017	CJR	1
Hexachlorobutadiene	< 1.47	ug/l	1.47	4.68	1	8260B		8/29/2017	CJR	1
Isopropylbenzene	< 0.29	ug/l	0.29	0.93	1	8260B		8/29/2017	CJR	1
p-Isopropyltoluene	< 0.28	ug/l	0.28	0.91	1	8260B		8/29/2017	CJR	1
Methylene chloride	< 0.94	ug/l	0.94	2.98	1	8260B		8/29/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		8/29/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B		8/29/2017	CJR	1
n-Propylbenzene	< 0.19	ug/l	0.19	0.62	1	8260B		8/29/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.69	ug/l	0.69	2.21	1	8260B		8/29/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.47	ug/l	0.47	1.48	1	8260B		8/29/2017	CJR	1
Tetrachloroethene	< 0.48	ug/l	0.48	1.52	1	8260B		8/29/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		8/29/2017	CJR	1
1,2,4-Trichlorobenzene	< 1.29	ug/l	1.29	4.1	1	8260B		8/29/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.83	ug/l	0.83	2.63	1	8260B		8/29/2017	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.11	1	8260B		8/29/2017	CJR	1
1,1,2-Trichloroethane	< 0.65	ug/l	0.65	2.06	1	8260B		8/29/2017	CJR	1
Trichloroethene (TCE)	< 0.45	ug/l	0.45	1.43	1	8260B		8/29/2017	CJR	1
Trichlorofluoromethane	< 0.64	ug/l	0.64	2.04	1	8260B		8/29/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B		8/29/2017	CJR	1

**Project Name** VOGUE CLEANERS  
**Project #** 6143 PO#2017-1191

**Invoice #** E33510

**Lab Code** 5033510F  
**Sample ID** 6349 MW-SO2  
**Sample Matrix** Water  
**Sample Date** 8/25/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B	8/29/2017	8/29/2017	CJR	1
Vinyl Chloride	< 0.19	ug/l	0.19	0.62	1	8260B	8/29/2017	8/29/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B	8/29/2017	8/29/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B	8/29/2017	8/29/2017	CJR	1
SUR - Dibromofluoromethane	105	REC %			1	8260B	8/29/2017	8/29/2017	CJR	1
SUR - Toluene-d8	90	REC %			1	8260B	8/29/2017	8/29/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	97	REC %			1	8260B	8/29/2017	8/29/2017	CJR	1
SUR - 4-Bromofluorobenzene	97	REC %			1	8260B	8/29/2017	8/29/2017	CJR	1

Project Name VOGUE CLEANERS  
 Project # 6143 PO#2017-1191

Invoice # E33510

Lab Code 5033510G  
 Sample ID 6349 MW-SO3  
 Sample Matrix Water  
 Sample Date 8/25/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 34	ug/l	34	110	200	8260B		8/29/2017	CJR	1
Bromobenzene	< 86	ug/l	86	274	200	8260B		8/29/2017	CJR	1
Bromodichloromethane	< 62	ug/l	62	200	200	8260B		8/29/2017	CJR	1
Bromoform	< 98	ug/l	98	312	200	8260B		8/29/2017	CJR	1
tert-Butylbenzene	< 78	ug/l	78	246	200	8260B		8/29/2017	CJR	1
sec-Butylbenzene	< 48	ug/l	48	152	200	8260B		8/29/2017	CJR	1
n-Butylbenzene	< 68	ug/l	68	216	200	8260B		8/29/2017	CJR	1
Carbon Tetrachloride	< 42	ug/l	42	136	200	8260B		8/29/2017	CJR	1
Chlorobenzene	< 54	ug/l	54	172	200	8260B		8/29/2017	CJR	1
Chloroethane	< 100	ug/l	100	320	200	8260B		8/29/2017	CJR	1
Chloroform	< 192	ug/l	192	608	200	8260B		8/29/2017	CJR	1
Chloromethane	< 260	ug/l	260	830	200	8260B		8/29/2017	CJR	1
2-Chlorotoluene	< 72	ug/l	72	230	200	8260B		8/29/2017	CJR	1
4-Chlorotoluene	< 70	ug/l	70	222	200	8260B		8/29/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 376	ug/l	376	1196	200	8260B		8/29/2017	CJR	1
Dibromochloromethane	< 90	ug/l	90	288	200	8260B		8/29/2017	CJR	1
1,4-Dichlorobenzene	< 84	ug/l	84	268	200	8260B		8/29/2017	CJR	1
1,3-Dichlorobenzene	< 90	ug/l	90	286	200	8260B		8/29/2017	CJR	1
1,2-Dichlorobenzene	< 68	ug/l	68	218	200	8260B		8/29/2017	CJR	1
Dichlorodifluoromethane	< 76	ug/l	76	240	200	8260B		8/29/2017	CJR	1
1,2-Dichloroethane	< 90	ug/l	90	286	200	8260B		8/29/2017	CJR	1
1,1-Dichloroethane	< 84	ug/l	84	268	200	8260B		8/29/2017	CJR	1
1,1-Dichloroethene	< 92	ug/l	92	294	200	8260B		8/29/2017	CJR	1
cis-1,2-Dichloroethene	< 82	ug/l	82	258	200	8260B		8/29/2017	CJR	1
trans-1,2-Dichloroethene	< 70	ug/l	70	224	200	8260B		8/29/2017	CJR	1
1,2-Dichloropropane	< 78	ug/l	78	248	200	8260B		8/29/2017	CJR	1
1,3-Dichloropropane	< 98	ug/l	98	310	200	8260B		8/29/2017	CJR	1
trans-1,3-Dichloropropene	< 84	ug/l	84	266	200	8260B		8/29/2017	CJR	1
cis-1,3-Dichloropropene	< 42	ug/l	42	130	200	8260B		8/29/2017	CJR	1
Di-isopropyl ether	< 52	ug/l	52	166	200	8260B		8/29/2017	CJR	1
EDB (1,2-Dibromoethane)	< 68	ug/l	68	218	200	8260B		8/29/2017	CJR	1
Ethylbenzene	< 40	ug/l	40	126	200	8260B		8/29/2017	CJR	1
Hexachlorobutadiene	< 294	ug/l	294	936	200	8260B		8/29/2017	CJR	1
Isopropylbenzene	< 58	ug/l	58	186	200	8260B		8/29/2017	CJR	1
p-Isopropyltoluene	< 56	ug/l	56	182	200	8260B		8/29/2017	CJR	1
Methylene chloride	< 188	ug/l	188	596	200	8260B		8/29/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 164	ug/l	164	520	200	8260B		8/29/2017	CJR	1
Naphthalene	< 434	ug/l	434	1380	200	8260B		8/29/2017	CJR	1
n-Propylbenzene	< 38	ug/l	38	124	200	8260B		8/29/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 138	ug/l	138	442	200	8260B		8/29/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 94	ug/l	94	296	200	8260B		8/29/2017	CJR	1
Tetrachloroethene	30800	ug/l	96	304	200	8260B		8/29/2017	CJR	1
Toluene	< 134	ug/l	134	426	200	8260B		8/29/2017	CJR	1
1,2,4-Trichlorobenzene	< 258	ug/l	258	820	200	8260B		8/29/2017	CJR	1
1,2,3-Trichlorobenzene	< 166	ug/l	166	526	200	8260B		8/29/2017	CJR	1
1,1,1-Trichloroethane	< 70	ug/l	70	222	200	8260B		8/29/2017	CJR	1
1,1,2-Trichloroethane	< 130	ug/l	130	412	200	8260B		8/29/2017	CJR	1
Trichloroethene (TCE)	< 90	ug/l	90	286	200	8260B		8/29/2017	CJR	1
Trichlorofluoromethane	< 128	ug/l	128	408	200	8260B		8/29/2017	CJR	1
1,2,4-Trimethylbenzene	< 228	ug/l	228	726	200	8260B		8/29/2017	CJR	1

**Project Name** VOGUE CLEANERS  
**Project #** 6143 PO#2017-1191

**Invoice #** E33510

**Lab Code** 5033510G  
**Sample ID** 6349 MW-SO3  
**Sample Matrix** Water  
**Sample Date** 8/25/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,3,5-Trimethylbenzene	< 182	ug/l	182	580	200	8260B	8/29/2017	8/29/2017	CJR	1
Vinyl Chloride	< 38	ug/l	38	124	200	8260B	8/29/2017	8/29/2017	CJR	1
m&p-Xylene	< 312	ug/l	312	990	200	8260B	8/29/2017	8/29/2017	CJR	1
o-Xylene	< 78	ug/l	78	250	200	8260B	8/29/2017	8/29/2017	CJR	1
SUR - 4-Bromofluorobenzene	104	REC %			200	8260B	8/29/2017	8/29/2017	CJR	1
SUR - Dibromofluoromethane	108	REC %			200	8260B	8/29/2017	8/29/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	93	REC %			200	8260B	8/29/2017	8/29/2017	CJR	1
SUR - Toluene-d8	95	REC %			200	8260B	8/29/2017	8/29/2017	CJR	1

Project Name VOGUE CLEANERS  
 Project # 6143 PO#2017-1191

Invoice # E33510

Lab Code 5033510H  
 Sample ID 6349 MW-SO4  
 Sample Matrix Water  
 Sample Date 8/25/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		8/29/2017	CJR	1
Bromobenzene	< 0.43	ug/l	0.43	1.37	1	8260B		8/29/2017	CJR	1
Bromodichloromethane	< 0.31	ug/l	0.31	1	1	8260B		8/29/2017	CJR	1
Bromoform	< 0.49	ug/l	0.49	1.56	1	8260B		8/29/2017	CJR	1
tert-Butylbenzene	< 0.39	ug/l	0.39	1.23	1	8260B		8/29/2017	CJR	1
sec-Butylbenzene	< 0.24	ug/l	0.24	0.76	1	8260B		8/29/2017	CJR	1
n-Butylbenzene	< 0.34	ug/l	0.34	1.08	1	8260B		8/29/2017	CJR	1
Carbon Tetrachloride	< 0.21	ug/l	0.21	0.68	1	8260B		8/29/2017	CJR	1
Chlorobenzene	< 0.27	ug/l	0.27	0.86	1	8260B		8/29/2017	CJR	1
Chloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		8/29/2017	CJR	1
Chloroform	< 0.96	ug/l	0.96	3.04	1	8260B		8/29/2017	CJR	1
Chloromethane	< 1.3	ug/l	1.3	4.15	1	8260B		8/29/2017	CJR	1
2-Chlorotoluene	< 0.36	ug/l	0.36	1.15	1	8260B		8/29/2017	CJR	1
4-Chlorotoluene	< 0.35	ug/l	0.35	1.11	1	8260B		8/29/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 1.88	ug/l	1.88	5.98	1	8260B		8/29/2017	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.44	1	8260B		8/29/2017	CJR	1
1,4-Dichlorobenzene	< 0.42	ug/l	0.42	1.34	1	8260B		8/29/2017	CJR	1
1,3-Dichlorobenzene	< 0.45	ug/l	0.45	1.43	1	8260B		8/29/2017	CJR	1
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.09	1	8260B		8/29/2017	CJR	1
Dichlorodifluoromethane	< 0.38	ug/l	0.38	1.2	1	8260B		8/29/2017	CJR	1
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B		8/29/2017	CJR	1
1,1-Dichloroethane	< 0.42	ug/l	0.42	1.34	1	8260B		8/29/2017	CJR	1
1,1-Dichloroethene	< 0.46	ug/l	0.46	1.47	1	8260B		8/29/2017	CJR	1
cis-1,2-Dichloroethene	< 0.41	ug/l	0.41	1.29	1	8260B		8/29/2017	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.12	1	8260B		8/29/2017	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.24	1	8260B		8/29/2017	CJR	1
1,3-Dichloropropane	< 0.49	ug/l	0.49	1.55	1	8260B		8/29/2017	CJR	1
trans-1,3-Dichloropropene	< 0.42	ug/l	0.42	1.33	1	8260B		8/29/2017	CJR	1
cis-1,3-Dichloropropene	< 0.21	ug/l	0.21	0.65	1	8260B		8/29/2017	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.83	1	8260B		8/29/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		8/29/2017	CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B		8/29/2017	CJR	1
Hexachlorobutadiene	< 1.47	ug/l	1.47	4.68	1	8260B		8/29/2017	CJR	1
Isopropylbenzene	< 0.29	ug/l	0.29	0.93	1	8260B		8/29/2017	CJR	1
p-Isopropyltoluene	< 0.28	ug/l	0.28	0.91	1	8260B		8/29/2017	CJR	1
Methylene chloride	< 0.94	ug/l	0.94	2.98	1	8260B		8/29/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		8/29/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B		8/29/2017	CJR	1
n-Propylbenzene	< 0.19	ug/l	0.19	0.62	1	8260B		8/29/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.69	ug/l	0.69	2.21	1	8260B		8/29/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.47	ug/l	0.47	1.48	1	8260B		8/29/2017	CJR	1
Tetrachloroethene	< 0.48	ug/l	0.48	1.52	1	8260B		8/29/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		8/29/2017	CJR	1
1,2,4-Trichlorobenzene	< 1.29	ug/l	1.29	4.1	1	8260B		8/29/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.83	ug/l	0.83	2.63	1	8260B		8/29/2017	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.11	1	8260B		8/29/2017	CJR	1
1,1,2-Trichloroethane	< 0.65	ug/l	0.65	2.06	1	8260B		8/29/2017	CJR	1
Trichloroethene (TCE)	< 0.45	ug/l	0.45	1.43	1	8260B		8/29/2017	CJR	1
Trichlorofluoromethane	< 0.64	ug/l	0.64	2.04	1	8260B		8/29/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B		8/29/2017	CJR	1

**Project Name** VOGUE CLEANERS  
**Project #** 6143 PO#2017-1191

**Invoice #** E33510

**Lab Code** 5033510H  
**Sample ID** 6349 MW-SO4  
**Sample Matrix** Water  
**Sample Date** 8/25/2017

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B	8/29/2017	8/29/2017	CJR	1
Vinyl Chloride	< 0.19	ug/l	0.19	0.62	1	8260B	8/29/2017	8/29/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B	8/29/2017	8/29/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B	8/29/2017	8/29/2017	CJR	1
SUR - Toluene-d8	94	REC %			1	8260B	8/29/2017	8/29/2017	CJR	1
SUR - Dibromofluoromethane	114	REC %			1	8260B	8/29/2017	8/29/2017	CJR	1
SUR - 4-Bromofluorobenzene	100	REC %			1	8260B	8/29/2017	8/29/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	88	REC %			1	8260B	8/29/2017	8/29/2017	CJR	1

Project Name VOGUE CLEANERS  
Project # 6143 PO#2017-1191

Invoice # E33510

Lab Code 5033510N  
Sample ID 6349 MW-4  
Sample Matrix Water  
Sample Date 8/25/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PAH SIM										
Acenaphthene	< 0.016	ug/l	0.016	0.05	1	M8270C	8/29/2017	8/30/2017	NJC	1
Acenaphthylene	< 0.019	ug/l	0.019	0.061	1	M8270C	8/29/2017	8/30/2017	NJC	1
Anthracene	< 0.019	ug/l	0.019	0.062	1	M8270C	8/29/2017	8/30/2017	NJC	1
Benzo(a)anthracene	0.0245 "J"	ug/l	0.017	0.054	1	M8270C	8/29/2017	8/30/2017	NJC	1
Benzo(a)pyrene	< 0.02	ug/l	0.02	0.065	1	M8270C	8/29/2017	8/30/2017	NJC	1
Benzo(b)fluoranthene	< 0.018	ug/l	0.018	0.058	1	M8270C	8/29/2017	8/30/2017	NJC	1
Benzo(g,h,i)perylene	< 0.025	ug/l	0.025	0.081	1	M8270C	8/29/2017	8/30/2017	NJC	1
Benzo(k)fluoranthene	< 0.016	ug/l	0.016	0.05	1	M8270C	8/29/2017	8/30/2017	NJC	1
Chrysene	< 0.02	ug/l	0.02	0.065	1	M8270C	8/29/2017	8/30/2017	NJC	1
Dibenzo(a,h)anthracene	< 0.025	ug/l	0.025	0.078	1	M8270C	8/29/2017	8/30/2017	NJC	1
Fluoranthene	0.0265 "J"	ug/l	0.017	0.053	1	M8270C	8/29/2017	8/30/2017	NJC	1
Fluorene	< 0.021	ug/l	0.021	0.066	1	M8270C	8/29/2017	8/30/2017	NJC	1
Indeno(1,2,3-cd)pyrene	< 0.023	ug/l	0.023	0.074	1	M8270C	8/29/2017	8/30/2017	NJC	1
1-Methyl naphthalene	< 0.024	ug/l	0.024	0.076	1	M8270C	8/29/2017	8/30/2017	NJC	1
2-Methyl naphthalene	< 0.024	ug/l	0.024	0.075	1	M8270C	8/29/2017	8/30/2017	NJC	1
Naphthalene	< 0.025	ug/l	0.025	0.081	1	M8270C	8/29/2017	8/30/2017	NJC	1
Phenanthrene	< 0.025	ug/l	0.025	0.081	1	M8270C	8/29/2017	8/30/2017	NJC	1
Pyrene	0.0251 "J"	ug/l	0.02	0.063	1	M8270C	8/29/2017	8/30/2017	NJC	1

Lab Code 50335100  
Sample ID 6349 MW-SO1  
Sample Matrix Water  
Sample Date 8/25/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PAH SIM										
Acenaphthene	< 0.016	ug/l	0.016	0.05	1	M8270C	8/29/2017	8/30/2017	NJC	1
Acenaphthylene	< 0.019	ug/l	0.019	0.061	1	M8270C	8/29/2017	8/30/2017	NJC	1
Anthracene	< 0.019	ug/l	0.019	0.062	1	M8270C	8/29/2017	8/30/2017	NJC	1
Benzo(a)anthracene	0.0186 "J"	ug/l	0.017	0.054	1	M8270C	8/29/2017	8/30/2017	NJC	6
Benzo(a)pyrene	< 0.02	ug/l	0.02	0.065	1	M8270C	8/29/2017	8/30/2017	NJC	1
Benzo(b)fluoranthene	< 0.018	ug/l	0.018	0.058	1	M8270C	8/29/2017	8/30/2017	NJC	1
Benzo(g,h,i)perylene	< 0.025	ug/l	0.025	0.081	1	M8270C	8/29/2017	8/30/2017	NJC	1
Benzo(k)fluoranthene	< 0.016	ug/l	0.016	0.05	1	M8270C	8/29/2017	8/30/2017	NJC	1
Chrysene	< 0.02	ug/l	0.02	0.065	1	M8270C	8/29/2017	8/30/2017	NJC	1
Dibenzo(a,h)anthracene	< 0.025	ug/l	0.025	0.078	1	M8270C	8/29/2017	8/30/2017	NJC	1
Fluoranthene	< 0.017	ug/l	0.017	0.053	1	M8270C	8/29/2017	8/30/2017	NJC	1
Fluorene	< 0.021	ug/l	0.021	0.066	1	M8270C	8/29/2017	8/30/2017	NJC	1
Indeno(1,2,3-cd)pyrene	< 0.023	ug/l	0.023	0.074	1	M8270C	8/29/2017	8/30/2017	NJC	1
1-Methyl naphthalene	< 0.024	ug/l	0.024	0.076	1	M8270C	8/29/2017	8/30/2017	NJC	1
2-Methyl naphthalene	< 0.024	ug/l	0.024	0.075	1	M8270C	8/29/2017	8/30/2017	NJC	1
Naphthalene	< 0.025	ug/l	0.025	0.081	1	M8270C	8/29/2017	8/30/2017	NJC	1
Phenanthrene	< 0.025	ug/l	0.025	0.081	1	M8270C	8/29/2017	8/30/2017	NJC	1
Pyrene	< 0.02	ug/l	0.02	0.063	1	M8270C	8/29/2017	8/30/2017	NJC	1



**Project Name** VOGUE CLEANERS  
**Project #** 6143 PO#2017-1191

**Invoice #** E33510

**Lab Code** 5033510P  
**Sample ID** 6349 MW-SO2  
**Sample Matrix** Water  
**Sample Date** 8/25/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PAH SIM										
Acenaphthene	< 0.016	ug/l	0.016	0.05	1	M8270C	8/29/2017	8/30/2017	NJC	1
Acenaphthylene	< 0.019	ug/l	0.019	0.061	1	M8270C	8/29/2017	8/30/2017	NJC	1
Anthracene	< 0.019	ug/l	0.019	0.062	1	M8270C	8/29/2017	8/30/2017	NJC	1
Benzo(a)anthracene	0.0217 "J"	ug/l	0.017	0.054	1	M8270C	8/29/2017	8/30/2017	NJC	1
Benzo(a)pyrene	< 0.02	ug/l	0.02	0.065	1	M8270C	8/29/2017	8/30/2017	NJC	1
Benzo(b)fluoranthene	< 0.018	ug/l	0.018	0.058	1	M8270C	8/29/2017	8/30/2017	NJC	1
Benzo(g,h,i)perylene	< 0.025	ug/l	0.025	0.081	1	M8270C	8/29/2017	8/30/2017	NJC	1
Benzo(k)fluoranthene	< 0.016	ug/l	0.016	0.05	1	M8270C	8/29/2017	8/30/2017	NJC	1
Chrysene	< 0.02	ug/l	0.02	0.065	1	M8270C	8/29/2017	8/30/2017	NJC	1
Dibenzo(a,h)anthracene	< 0.025	ug/l	0.025	0.078	1	M8270C	8/29/2017	8/30/2017	NJC	1
Fluoranthene	< 0.017	ug/l	0.017	0.053	1	M8270C	8/29/2017	8/30/2017	NJC	1
Fluorene	< 0.021	ug/l	0.021	0.066	1	M8270C	8/29/2017	8/30/2017	NJC	1
Indeno(1,2,3-cd)pyrene	< 0.023	ug/l	0.023	0.074	1	M8270C	8/29/2017	8/30/2017	NJC	1
1-Methyl naphthalene	< 0.024	ug/l	0.024	0.076	1	M8270C	8/29/2017	8/30/2017	NJC	1
2-Methyl naphthalene	< 0.024	ug/l	0.024	0.075	1	M8270C	8/29/2017	8/30/2017	NJC	1
Naphthalene	< 0.025	ug/l	0.025	0.081	1	M8270C	8/29/2017	8/30/2017	NJC	1
Phenanthrene	< 0.025	ug/l	0.025	0.081	1	M8270C	8/29/2017	8/30/2017	NJC	1
Pyrene	< 0.02	ug/l	0.02	0.063	1	M8270C	8/29/2017	8/30/2017	NJC	1

**Lab Code** 5033510Q  
**Sample ID** 6349 MW-SO3  
**Sample Matrix** Water  
**Sample Date** 8/25/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PAH SIM										
Acenaphthene	< 0.016	ug/l	0.016	0.05	1	M8270C	8/29/2017	8/30/2017	NJC	1
Acenaphthylene	< 0.019	ug/l	0.019	0.061	1	M8270C	8/29/2017	8/30/2017	NJC	1
Anthracene	< 0.019	ug/l	0.019	0.062	1	M8270C	8/29/2017	8/30/2017	NJC	1
Benzo(a)anthracene	0.0191 "J"	ug/l	0.017	0.054	1	M8270C	8/29/2017	8/30/2017	NJC	6
Benzo(a)pyrene	< 0.02	ug/l	0.02	0.065	1	M8270C	8/29/2017	8/30/2017	NJC	1
Benzo(b)fluoranthene	< 0.018	ug/l	0.018	0.058	1	M8270C	8/29/2017	8/30/2017	NJC	1
Benzo(g,h,i)perylene	< 0.025	ug/l	0.025	0.081	1	M8270C	8/29/2017	8/30/2017	NJC	1
Benzo(k)fluoranthene	< 0.016	ug/l	0.016	0.05	1	M8270C	8/29/2017	8/30/2017	NJC	1
Chrysene	< 0.02	ug/l	0.02	0.065	1	M8270C	8/29/2017	8/30/2017	NJC	1
Dibenzo(a,h)anthracene	< 0.025	ug/l	0.025	0.078	1	M8270C	8/29/2017	8/30/2017	NJC	1
Fluoranthene	< 0.017	ug/l	0.017	0.053	1	M8270C	8/29/2017	8/30/2017	NJC	1
Fluorene	< 0.021	ug/l	0.021	0.066	1	M8270C	8/29/2017	8/30/2017	NJC	1
Indeno(1,2,3-cd)pyrene	< 0.023	ug/l	0.023	0.074	1	M8270C	8/29/2017	8/30/2017	NJC	1
1-Methyl naphthalene	< 0.024	ug/l	0.024	0.076	1	M8270C	8/29/2017	8/30/2017	NJC	1
2-Methyl naphthalene	< 0.024	ug/l	0.024	0.075	1	M8270C	8/29/2017	8/30/2017	NJC	1
Naphthalene	< 0.025	ug/l	0.025	0.081	1	M8270C	8/29/2017	8/30/2017	NJC	1
Phenanthrene	< 0.025	ug/l	0.025	0.081	1	M8270C	8/29/2017	8/30/2017	NJC	1
Pyrene	< 0.02	ug/l	0.02	0.063	1	M8270C	8/29/2017	8/30/2017	NJC	1

Project Name VOGUE CLEANERS  
Project # 6143 PO#2017-1191

Invoice # E33510

Lab Code 5033510R  
Sample ID 6349 MW-SO4  
Sample Matrix Water  
Sample Date 8/25/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PAH SIM										
Acenaphthene	< 0.016	ug/l	0.016	0.05	1	M8270C	8/29/2017	8/30/2017	NJC	1
Acenaphthylene	< 0.019	ug/l	0.019	0.061	1	M8270C	8/29/2017	8/30/2017	NJC	1
Anthracene	< 0.019	ug/l	0.019	0.062	1	M8270C	8/29/2017	8/30/2017	NJC	1
Benzo(a)anthracene	0.032 "J"	ug/l	0.017	0.054	1	M8270C	8/29/2017	8/30/2017	NJC	6
Benzo(a)pyrene	< 0.02	ug/l	0.02	0.065	1	M8270C	8/29/2017	8/30/2017	NJC	1
Benzo(b)fluoranthene	0.0305 "J"	ug/l	0.018	0.058	1	M8270C	8/29/2017	8/30/2017	NJC	6
Benzo(g,h,i)perylene	< 0.025	ug/l	0.025	0.081	1	M8270C	8/29/2017	8/30/2017	NJC	1
Benzo(k)fluoranthene	< 0.016	ug/l	0.016	0.05	1	M8270C	8/29/2017	8/30/2017	NJC	1
Chrysene	0.0216 "J"	ug/l	0.02	0.065	1	M8270C	8/29/2017	8/30/2017	NJC	6
Dibenzo(a,h)anthracene	< 0.025	ug/l	0.025	0.078	1	M8270C	8/29/2017	8/30/2017	NJC	1
Fluoranthene	0.04 "J"	ug/l	0.017	0.053	1	M8270C	8/29/2017	8/30/2017	NJC	1
Fluorene	< 0.021	ug/l	0.021	0.066	1	M8270C	8/29/2017	8/30/2017	NJC	1
Indeno(1,2,3-cd)pyrene	< 0.023	ug/l	0.023	0.074	1	M8270C	8/29/2017	8/30/2017	NJC	1
1-Methyl naphthalene	< 0.024	ug/l	0.024	0.076	1	M8270C	8/29/2017	8/30/2017	NJC	1
2-Methyl naphthalene	< 0.024	ug/l	0.024	0.075	1	M8270C	8/29/2017	8/30/2017	NJC	1
Naphthalene	< 0.025	ug/l	0.025	0.081	1	M8270C	8/29/2017	8/30/2017	NJC	1
Phenanthrene	0.0289 "J"	ug/l	0.025	0.081	1	M8270C	8/29/2017	8/30/2017	NJC	1
Pyrene	0.035 "J"	ug/l	0.02	0.063	1	M8270C	8/29/2017	8/30/2017	NJC	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

***Code***      ***Comment***

- 1            Laboratory QC within limits.
- 6            The surrogate recovery not within established limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

**Authorized Signature**



A handwritten signature in blue ink, appearing to read "Michael J. Steel", is written over a horizontal line.



**Environmental Lab, Inc.**

1990 Prospect Ct. • Appleton, WI 54914  
920-830-2455 • FAX 920-733-0631

**Sample Handling Request**

Rush Analysis Date Required \_\_\_\_\_  
(Rushes accepted only with prior authorization)  
 Normal Turn Around

Lab I.D. # \_\_\_\_\_

Account No.: 6349 Quote No.: \_\_\_\_\_

Project #: 6349

Sampler: (signature) 2 SWK

Project (Name / Location): Voyce Cleaners / Wauwatosa

Reports To: R. Holzman / K. Heinstead

Company: Enviroforensics

Address: N/W 23396 Stone Ridge Dr. Suite 6

City State Zip: Waukesha WI 53188

Phone: 262-210-0612

FAX: 262-510-0460

Invoice To: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City State Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

FAX: \_\_\_\_\_

**Analysis Requested**

**Other Analysis**

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-RCRA METALS	PID/ FID
<u>SOS 3510K</u>	<u>6349AL-1</u>	<u>8/25</u>	<u>1042</u>		<input checked="" type="checkbox"/>	<u>N</u>	<u>1</u>	<u>GW</u>	<u>none</u>						<input checked="" type="checkbox"/>									
	<u>6349MV-2</u>	<u>8/25</u>	<u>1219</u>		<input checked="" type="checkbox"/>	<u>N</u>	<u>1</u>	<u>GW</u>	<u>none</u>						<input checked="" type="checkbox"/>									
	<u>6349MV-3</u>	<u>8/25</u>	<u>1030</u>		<input checked="" type="checkbox"/>	<u>N</u>	<u>1</u>	<u>GW</u>	<u>none</u>						<input checked="" type="checkbox"/>									
	<u>6349MV-4</u>	<u>8/25</u>	<u>1119</u>		<input checked="" type="checkbox"/>	<u>N</u>	<u>1</u>	<u>GW</u>	<u>none</u>						<input checked="" type="checkbox"/>									
	<u>6349MV-50A</u>	<u>8/25</u>	<u>1273</u>		<input checked="" type="checkbox"/>	<u>N</u>	<u>1</u>	<u>GW</u>	<u>none</u>						<input checked="" type="checkbox"/>									
	<u>6349MV-502</u>	<u>8/25</u>	<u>1056</u>		<input checked="" type="checkbox"/>	<u>N</u>	<u>1</u>	<u>GW</u>	<u>none</u>						<input checked="" type="checkbox"/>									
	<u>6349MV-503</u>	<u>8/25</u>	<u>1009</u>		<input checked="" type="checkbox"/>	<u>N</u>	<u>1</u>	<u>GW</u>	<u>none</u>						<input checked="" type="checkbox"/>									
	<u>6349MV-504</u>	<u>8/25</u>	<u>1245</u>		<input checked="" type="checkbox"/>	<u>N</u>	<u>1</u>	<u>GW</u>	<u>none</u>						<input checked="" type="checkbox"/>									
	<u>6349DIP-1</u>	<u>8/25</u>	<u>-</u>		<input checked="" type="checkbox"/>	<u>N</u>	<u>1</u>	<u>GW</u>	<u>none</u>						<input checked="" type="checkbox"/>									

Comments/Special Instructions (\*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

Sample Integrity - To be completed by receiving lab.  
Method of Shipment: \_\_\_\_\_  
Temp. of Temp. Blank: \_\_\_\_\_ °C On Ice:   
Cooler seal intact upon receipt:  Yes \_\_\_\_\_ No

Relinquished By: (sign) 2 SWK Time 10:58 Date 8/25  
Received By: (sign) [Signature] Time 11:38 Date 8/29/17

Received in Laboratory By: [Signature] Time: 8:00 Date: 8/29/17