



June 14, 2017

Paulette Enders  
City of Wauwatosa Community Development Authority  
2562 N. Wauwatosa Avenue  
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, Environmental Forensic Investigations, Inc. (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 May 26, 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-S04 contained tetrachloroethene above the WDNR's Public Health Standards (ES), and MW-4 contained benzo(a)pyrene, and chrysene above the ES. 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,

**Environmental Forensic Investigations, Inc.**

Handwritten signature of Kyle Heimstead in black ink.

Kyle Heimstead  
*Staff Geologist*

Handwritten signature of Rob Hoverman in blue ink.

Rob Hoverman, LPG  
*Senior Project Manager*

Copy: Trevor Nobile, Wisconsin Department of Natural Resources

*Document: 6349-0402*  
Environmental Forensic Investigations, Inc.  
N16 W23390 Stone Ridge Dr, Suite G, Waukesha, WI 53188  
Phone: 414-982-3988 • Fax 317-972-7875

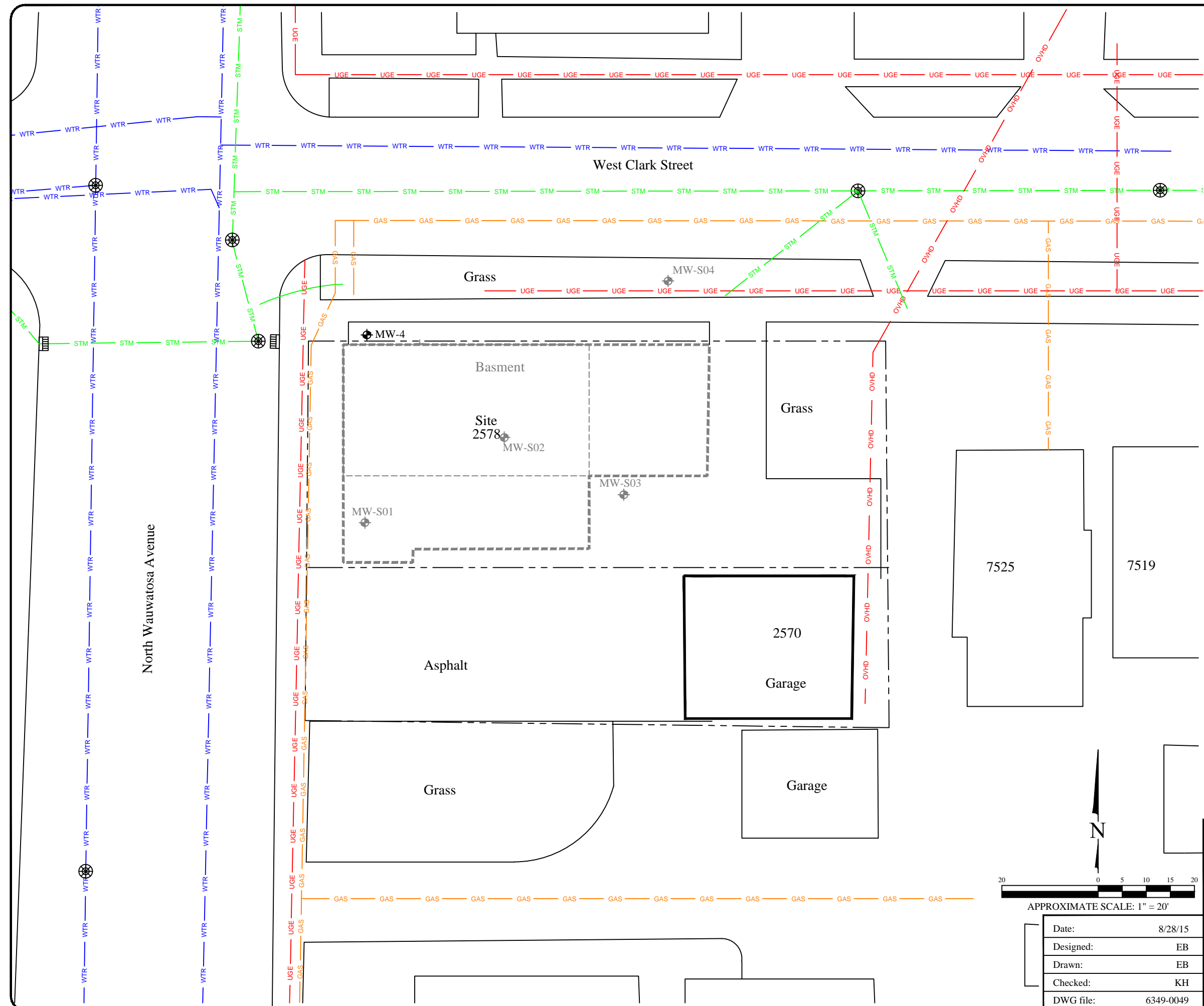
Attachments

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

North Wauwatosa Avenue

West Clark Street

Grass

Basment

Site 2578

Asphalt

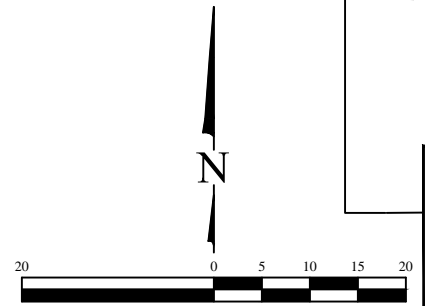
Grass

2570  
Garage

Garage

7525

7519



APPROXIMATE SCALE: 1" = 20'

Date:	8/28/15
Designed:	EB
Drawn:	EB
Checked:	KH
DWG file:	6349-0049

**MONITORING WELL LOCATION MAP**

Former Vogue Cleaners  
2578 North Wauwatosa Avenue,  
Wauwatosa, Wisconsin

ENVIRONMENTAL FORENSIC INVESTIGATIONS, INC.  
602 N. Capitol Ave., Ste. 210 • Indianapolis, IN 46204  
EnviroForensics.com

Figure	1
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
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
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
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
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

**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-dc)pyrene	1-Methyl naphthalene	2-Methyl naphthalene	Naphthalene	Phenanthrene	Pyrene
		Polycyclic Aromatic Hydrocarbons (PAH)																	
Public Health Enforcement Standard		NE	NE	3,000	NE	0.2	0.2	NE	NE	0.2	NE	400	400	NE	NE	NE	100	NE	250
Public Health Preventive Action Limit		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>
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
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
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>
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

**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 FMR VOGUE CLEANERS  
 Project # 6349 PO#2017-0726

Invoice # E32991

Lab Code 5032991D  
 Sample ID 6349-MW-4  
 Sample Matrix Water  
 Sample Date 5/26/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PAH SIM										
Acenaphthene	0.0282 "J"	ug/l	0.016	0.05	1	M8270C	5/31/2017	6/1/2017	NJC	1
Acenaphthylene	0.045 "J"	ug/l	0.019	0.061	1	M8270C	5/31/2017	6/1/2017	NJC	5
Anthracene	0.143	ug/l	0.019	0.062	1	M8270C	5/31/2017	6/1/2017	NJC	1
Benzo(a)anthracene	0.273	ug/l	0.017	0.054	1	M8270C	5/31/2017	6/1/2017	NJC	1
Benzo(a)pyrene	0.311	ug/l	0.02	0.065	1	M8270C	5/31/2017	6/1/2017	NJC	1
Benzo(b)fluoranthene	0.40	ug/l	0.018	0.058	1	M8270C	5/31/2017	6/1/2017	NJC	1
Benzo(g,h,i)perylene	0.142	ug/l	0.025	0.081	1	M8270C	5/31/2017	6/1/2017	NJC	1
Benzo(k)fluoranthene	0.118	ug/l	0.016	0.05	1	M8270C	5/31/2017	6/1/2017	NJC	1
Chrysene	0.268	ug/l	0.02	0.065	1	M8270C	5/31/2017	6/1/2017	NJC	1
Dibenzo(a,h)anthracene	0.037 "J"	ug/l	0.025	0.078	1	M8270C	5/31/2017	6/1/2017	NJC	1
Fluoranthene	0.58	ug/l	0.017	0.053	1	M8270C	5/31/2017	6/1/2017	NJC	1
Fluorene	0.043 "J"	ug/l	0.021	0.066	1	M8270C	5/31/2017	6/1/2017	NJC	1
Indeno(1,2,3-cd)pyrene	0.143	ug/l	0.023	0.074	1	M8270C	5/31/2017	6/1/2017	NJC	1
1-Methyl naphthalene	< 0.024	ug/l	0.024	0.076	1	M8270C	5/31/2017	6/1/2017	NJC	1
2-Methyl naphthalene	< 0.024	ug/l	0.024	0.075	1	M8270C	5/31/2017	6/1/2017	NJC	1
Naphthalene	< 0.025	ug/l	0.025	0.081	1	M8270C	5/31/2017	6/1/2017	NJC	1
Phenanthrene	0.41	ug/l	0.025	0.081	1	M8270C	5/31/2017	6/1/2017	NJC	1
Pyrene	0.48	ug/l	0.02	0.063	1	M8270C	5/31/2017	6/1/2017	NJC	1
VOC's										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		5/31/2017	CJR	1
Bromobenzene	< 0.43	ug/l	0.43	1.37	1	8260B		5/31/2017	CJR	1
Bromodichloromethane	< 0.31	ug/l	0.31	1	1	8260B		5/31/2017	CJR	1
Bromoform	< 0.49	ug/l	0.49	1.56	1	8260B		5/31/2017	CJR	1
tert-Butylbenzene	< 0.39	ug/l	0.39	1.23	1	8260B		5/31/2017	CJR	1
sec-Butylbenzene	< 0.24	ug/l	0.24	0.76	1	8260B		5/31/2017	CJR	1
n-Butylbenzene	< 0.34	ug/l	0.34	1.08	1	8260B		5/31/2017	CJR	1
Carbon Tetrachloride	< 0.21	ug/l	0.21	0.68	1	8260B		5/31/2017	CJR	1
Chlorobenzene	< 0.27	ug/l	0.27	0.86	1	8260B		5/31/2017	CJR	1
Chloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		5/31/2017	CJR	1
Chloroform	< 0.96	ug/l	0.96	3.04	1	8260B		5/31/2017	CJR	1
Chloromethane	< 1.3	ug/l	1.3	4.15	1	8260B		5/31/2017	CJR	1
2-Chlorotoluene	< 0.36	ug/l	0.36	1.15	1	8260B		5/31/2017	CJR	1
4-Chlorotoluene	< 0.35	ug/l	0.35	1.11	1	8260B		5/31/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 1.88	ug/l	1.88	5.98	1	8260B		5/31/2017	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.44	1	8260B		5/31/2017	CJR	1
1,4-Dichlorobenzene	< 0.42	ug/l	0.42	1.34	1	8260B		5/31/2017	CJR	1
1,3-Dichlorobenzene	< 0.45	ug/l	0.45	1.43	1	8260B		5/31/2017	CJR	1
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.09	1	8260B		5/31/2017	CJR	1
Dichlorodifluoromethane	< 0.38	ug/l	0.38	1.2	1	8260B		5/31/2017	CJR	1
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B		5/31/2017	CJR	1
1,1-Dichloroethane	< 0.42	ug/l	0.42	1.34	1	8260B		5/31/2017	CJR	1
1,1-Dichloroethene	< 0.46	ug/l	0.46	1.47	1	8260B		5/31/2017	CJR	1
cis-1,2-Dichloroethene	< 0.41	ug/l	0.41	1.29	1	8260B		5/31/2017	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.12	1	8260B		5/31/2017	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.24	1	8260B		5/31/2017	CJR	1
1,3-Dichloropropane	< 0.49	ug/l	0.49	1.55	1	8260B		5/31/2017	CJR	1
trans-1,3-Dichloropropene	< 0.42	ug/l	0.42	1.33	1	8260B		5/31/2017	CJR	1
cis-1,3-Dichloropropene	< 0.21	ug/l	0.21	0.65	1	8260B		5/31/2017	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.83	1	8260B		5/31/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		5/31/2017	CJR	1

**Project Name** FMR VOGUE CLEANERS  
**Project #** 6349 PO#2017-0726

**Invoice #** E32991

**Lab Code** 5032991D  
**Sample ID** 6349-MW-4  
**Sample Matrix** Water  
**Sample Date** 5/26/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B	5/31/2017	5/31/2017	CJR	1
Hexachlorobutadiene	< 1.47	ug/l	1.47	4.68	1	8260B	5/31/2017	5/31/2017	CJR	1
Isopropylbenzene	< 0.29	ug/l	0.29	0.93	1	8260B	5/31/2017	5/31/2017	CJR	1
p-Isopropyltoluene	< 0.28	ug/l	0.28	0.91	1	8260B	5/31/2017	5/31/2017	CJR	1
Methylene chloride	< 0.94	ug/l	0.94	2.98	1	8260B	5/31/2017	5/31/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B	5/31/2017	5/31/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B	5/31/2017	5/31/2017	CJR	1
n-Propylbenzene	< 0.19	ug/l	0.19	0.62	1	8260B	5/31/2017	5/31/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.69	ug/l	0.69	2.21	1	8260B	5/31/2017	5/31/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.47	ug/l	0.47	1.48	1	8260B	5/31/2017	5/31/2017	CJR	1
Tetrachloroethene	< 0.48	ug/l	0.48	1.52	1	8260B	5/31/2017	5/31/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B	5/31/2017	5/31/2017	CJR	1
1,2,4-Trichlorobenzene	< 1.29	ug/l	1.29	4.1	1	8260B	5/31/2017	5/31/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.83	ug/l	0.83	2.63	1	8260B	5/31/2017	5/31/2017	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.11	1	8260B	5/31/2017	5/31/2017	CJR	1
1,1,2-Trichloroethane	< 0.65	ug/l	0.65	2.06	1	8260B	5/31/2017	5/31/2017	CJR	1
Trichloroethene (TCE)	< 0.45	ug/l	0.45	1.43	1	8260B	5/31/2017	5/31/2017	CJR	1
Trichlorofluoromethane	< 0.64	ug/l	0.64	2.04	1	8260B	5/31/2017	5/31/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B	5/31/2017	5/31/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B	5/31/2017	5/31/2017	CJR	1
Vinyl Chloride	< 0.19	ug/l	0.19	0.62	1	8260B	5/31/2017	5/31/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B	5/31/2017	5/31/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B	5/31/2017	5/31/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	103	REC %			1	8260B	5/31/2017	5/31/2017	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %			1	8260B	5/31/2017	5/31/2017	CJR	1
SUR - Dibromofluoromethane	98	REC %			1	8260B	5/31/2017	5/31/2017	CJR	1
SUR - Toluene-d8	104	REC %			1	8260B	5/31/2017	5/31/2017	CJR	1

**Project Name** FMR VOGUE CLEANERS  
**Project #** 6349 PO#2017-0726

**Invoice #** E32991

**Lab Code** 5032991E  
**Sample ID** 6349-MW-SO1  
**Sample Matrix** Water  
**Sample Date** 5/26/2017

	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	5/31/2017	6/1/2017	NJC	1
Acenaphthylene	0.037 "J"	ug/l	0.019	0.061	1	M8270C	5/31/2017	6/1/2017	NJC	5
Anthracene	< 0.019	ug/l	0.019	0.062	1	M8270C	5/31/2017	6/1/2017	NJC	1
Benzo(a)anthracene	< 0.017	ug/l	0.017	0.054	1	M8270C	5/31/2017	6/1/2017	NJC	1
Benzo(a)pyrene	< 0.02	ug/l	0.02	0.065	1	M8270C	5/31/2017	6/1/2017	NJC	1
Benzo(b)fluoranthene	< 0.018	ug/l	0.018	0.058	1	M8270C	5/31/2017	6/1/2017	NJC	1
Benzo(g,h,i)perylene	< 0.025	ug/l	0.025	0.081	1	M8270C	5/31/2017	6/1/2017	NJC	1
Benzo(k)fluoranthene	< 0.016	ug/l	0.016	0.05	1	M8270C	5/31/2017	6/1/2017	NJC	1
Chrysene	< 0.02	ug/l	0.02	0.065	1	M8270C	5/31/2017	6/1/2017	NJC	1
Dibenzo(a,h)anthracene	< 0.025	ug/l	0.025	0.078	1	M8270C	5/31/2017	6/1/2017	NJC	1
Fluoranthene	< 0.017	ug/l	0.017	0.053	1	M8270C	5/31/2017	6/1/2017	NJC	1
Fluorene	< 0.021	ug/l	0.021	0.066	1	M8270C	5/31/2017	6/1/2017	NJC	1
Indeno(1,2,3-cd)pyrene	< 0.023	ug/l	0.023	0.074	1	M8270C	5/31/2017	6/1/2017	NJC	1
1-Methyl naphthalene	< 0.024	ug/l	0.024	0.076	1	M8270C	5/31/2017	6/1/2017	NJC	1
2-Methyl naphthalene	< 0.024	ug/l	0.024	0.075	1	M8270C	5/31/2017	6/1/2017	NJC	1
Naphthalene	< 0.025	ug/l	0.025	0.081	1	M8270C	5/31/2017	6/1/2017	NJC	1
Phenanthrene	< 0.025	ug/l	0.025	0.081	1	M8270C	5/31/2017	6/1/2017	NJC	1
Pyrene	< 0.02	ug/l	0.02	0.063	1	M8270C	5/31/2017	6/1/2017	NJC	1
VOC's										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		6/1/2017	CJR	1
Bromobenzene	< 0.43	ug/l	0.43	1.37	1	8260B		6/1/2017	CJR	1
Bromodichloromethane	< 0.31	ug/l	0.31	1	1	8260B		6/1/2017	CJR	1
Bromoform	< 0.49	ug/l	0.49	1.56	1	8260B		6/1/2017	CJR	1
tert-Butylbenzene	< 0.39	ug/l	0.39	1.23	1	8260B		6/1/2017	CJR	1
sec-Butylbenzene	< 0.24	ug/l	0.24	0.76	1	8260B		6/1/2017	CJR	1
n-Butylbenzene	< 0.34	ug/l	0.34	1.08	1	8260B		6/1/2017	CJR	1
Carbon Tetrachloride	< 0.21	ug/l	0.21	0.68	1	8260B		6/1/2017	CJR	1
Chlorobenzene	< 0.27	ug/l	0.27	0.86	1	8260B		6/1/2017	CJR	1
Chloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		6/1/2017	CJR	1
Chloroform	< 0.96	ug/l	0.96	3.04	1	8260B		6/1/2017	CJR	1
Chloromethane	< 1.3	ug/l	1.3	4.15	1	8260B		6/1/2017	CJR	1
2-Chlorotoluene	< 0.36	ug/l	0.36	1.15	1	8260B		6/1/2017	CJR	1
4-Chlorotoluene	< 0.35	ug/l	0.35	1.11	1	8260B		6/1/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 1.88	ug/l	1.88	5.98	1	8260B		6/1/2017	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.44	1	8260B		6/1/2017	CJR	1
1,4-Dichlorobenzene	< 0.42	ug/l	0.42	1.34	1	8260B		6/1/2017	CJR	1
1,3-Dichlorobenzene	< 0.45	ug/l	0.45	1.43	1	8260B		6/1/2017	CJR	1
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.09	1	8260B		6/1/2017	CJR	1
Dichlorodifluoromethane	< 0.38	ug/l	0.38	1.2	1	8260B		6/1/2017	CJR	1
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B		6/1/2017	CJR	1
1,1-Dichloroethane	< 0.42	ug/l	0.42	1.34	1	8260B		6/1/2017	CJR	1
1,1-Dichloroethene	< 0.46	ug/l	0.46	1.47	1	8260B		6/1/2017	CJR	1
cis-1,2-Dichloroethene	< 0.41	ug/l	0.41	1.29	1	8260B		6/1/2017	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.12	1	8260B		6/1/2017	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.24	1	8260B		6/1/2017	CJR	1
1,3-Dichloropropane	< 0.49	ug/l	0.49	1.55	1	8260B		6/1/2017	CJR	1
trans-1,3-Dichloropropene	< 0.42	ug/l	0.42	1.33	1	8260B		6/1/2017	CJR	1
cis-1,3-Dichloropropene	< 0.21	ug/l	0.21	0.65	1	8260B		6/1/2017	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.83	1	8260B		6/1/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		6/1/2017	CJR	1



**Project Name** FMR VOGUE CLEANERS  
**Project #** 6349 PO#2017-0726

**Invoice #** E32991

**Lab Code** 5032991E  
**Sample ID** 6349-MW-SO1  
**Sample Matrix** Water  
**Sample Date** 5/26/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B	6/1/2017	6/1/2017	CJR	1
Hexachlorobutadiene	< 1.47	ug/l	1.47	4.68	1	8260B	6/1/2017	6/1/2017	CJR	1
Isopropylbenzene	< 0.29	ug/l	0.29	0.93	1	8260B	6/1/2017	6/1/2017	CJR	1
p-Isopropyltoluene	< 0.28	ug/l	0.28	0.91	1	8260B	6/1/2017	6/1/2017	CJR	1
Methylene chloride	< 0.94	ug/l	0.94	2.98	1	8260B	6/1/2017	6/1/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B	6/1/2017	6/1/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B	6/1/2017	6/1/2017	CJR	1
n-Propylbenzene	< 0.19	ug/l	0.19	0.62	1	8260B	6/1/2017	6/1/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.69	ug/l	0.69	2.21	1	8260B	6/1/2017	6/1/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.47	ug/l	0.47	1.48	1	8260B	6/1/2017	6/1/2017	CJR	1
Tetrachloroethene	< 0.48	ug/l	0.48	1.52	1	8260B	6/1/2017	6/1/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B	6/1/2017	6/1/2017	CJR	1
1,2,4-Trichlorobenzene	< 1.29	ug/l	1.29	4.1	1	8260B	6/1/2017	6/1/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.83	ug/l	0.83	2.63	1	8260B	6/1/2017	6/1/2017	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.11	1	8260B	6/1/2017	6/1/2017	CJR	1
1,1,2-Trichloroethane	< 0.65	ug/l	0.65	2.06	1	8260B	6/1/2017	6/1/2017	CJR	1
Trichloroethene (TCE)	< 0.45	ug/l	0.45	1.43	1	8260B	6/1/2017	6/1/2017	CJR	1
Trichlorofluoromethane	< 0.64	ug/l	0.64	2.04	1	8260B	6/1/2017	6/1/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B	6/1/2017	6/1/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B	6/1/2017	6/1/2017	CJR	1
Vinyl Chloride	< 0.19	ug/l	0.19	0.62	1	8260B	6/1/2017	6/1/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B	6/1/2017	6/1/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B	6/1/2017	6/1/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	99	REC %			1	8260B	6/1/2017	6/1/2017	CJR	1
SUR - 4-Bromofluorobenzene	99	REC %			1	8260B	6/1/2017	6/1/2017	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B	6/1/2017	6/1/2017	CJR	1
SUR - Toluene-d8	103	REC %			1	8260B	6/1/2017	6/1/2017	CJR	1

Project Name FMR VOGUE CLEANERS  
 Project # 6349 PO#2017-0726

Invoice # E32991

Lab Code 5032991F  
 Sample ID 6349-MW-SO2  
 Sample Matrix Water  
 Sample Date 5/26/2017

	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	5/31/2017	6/1/2017	NJC	1
Acenaphthylene	0.033 "J"	ug/l	0.019	0.061	1	M8270C	5/31/2017	6/1/2017	NJC	5
Anthracene	< 0.019	ug/l	0.019	0.062	1	M8270C	5/31/2017	6/1/2017	NJC	1
Benzo(a)anthracene	< 0.017	ug/l	0.017	0.054	1	M8270C	5/31/2017	6/1/2017	NJC	1
Benzo(a)pyrene	< 0.02	ug/l	0.02	0.065	1	M8270C	5/31/2017	6/1/2017	NJC	1
Benzo(b)fluoranthene	< 0.018	ug/l	0.018	0.058	1	M8270C	5/31/2017	6/1/2017	NJC	1
Benzo(g,h,i)perylene	< 0.025	ug/l	0.025	0.081	1	M8270C	5/31/2017	6/1/2017	NJC	1
Benzo(k)fluoranthene	< 0.016	ug/l	0.016	0.05	1	M8270C	5/31/2017	6/1/2017	NJC	1
Chrysene	< 0.02	ug/l	0.02	0.065	1	M8270C	5/31/2017	6/1/2017	NJC	1
Dibenzo(a,h)anthracene	< 0.025	ug/l	0.025	0.078	1	M8270C	5/31/2017	6/1/2017	NJC	1
Fluoranthene	< 0.017	ug/l	0.017	0.053	1	M8270C	5/31/2017	6/1/2017	NJC	1
Fluorene	< 0.021	ug/l	0.021	0.066	1	M8270C	5/31/2017	6/1/2017	NJC	1
Indeno(1,2,3-cd)pyrene	< 0.023	ug/l	0.023	0.074	1	M8270C	5/31/2017	6/1/2017	NJC	1
1-Methyl naphthalene	< 0.024	ug/l	0.024	0.076	1	M8270C	5/31/2017	6/1/2017	NJC	1
2-Methyl naphthalene	< 0.024	ug/l	0.024	0.075	1	M8270C	5/31/2017	6/1/2017	NJC	1
Naphthalene	< 0.025	ug/l	0.025	0.081	1	M8270C	5/31/2017	6/1/2017	NJC	1
Phenanthrene	< 0.025	ug/l	0.025	0.081	1	M8270C	5/31/2017	6/1/2017	NJC	1
Pyrene	< 0.02	ug/l	0.02	0.063	1	M8270C	5/31/2017	6/1/2017	NJC	1
VOC's										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		6/1/2017	CJR	1
Bromobenzene	< 0.43	ug/l	0.43	1.37	1	8260B		6/1/2017	CJR	1
Bromodichloromethane	< 0.31	ug/l	0.31	1	1	8260B		6/1/2017	CJR	1
Bromoform	< 0.49	ug/l	0.49	1.56	1	8260B		6/1/2017	CJR	1
tert-Butylbenzene	< 0.39	ug/l	0.39	1.23	1	8260B		6/1/2017	CJR	1
sec-Butylbenzene	< 0.24	ug/l	0.24	0.76	1	8260B		6/1/2017	CJR	1
n-Butylbenzene	< 0.34	ug/l	0.34	1.08	1	8260B		6/1/2017	CJR	1
Carbon Tetrachloride	< 0.21	ug/l	0.21	0.68	1	8260B		6/1/2017	CJR	1
Chlorobenzene	< 0.27	ug/l	0.27	0.86	1	8260B		6/1/2017	CJR	1
Chloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		6/1/2017	CJR	1
Chloroform	< 0.96	ug/l	0.96	3.04	1	8260B		6/1/2017	CJR	1
Chloromethane	< 1.3	ug/l	1.3	4.15	1	8260B		6/1/2017	CJR	1
2-Chlorotoluene	< 0.36	ug/l	0.36	1.15	1	8260B		6/1/2017	CJR	1
4-Chlorotoluene	< 0.35	ug/l	0.35	1.11	1	8260B		6/1/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 1.88	ug/l	1.88	5.98	1	8260B		6/1/2017	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.44	1	8260B		6/1/2017	CJR	1
1,4-Dichlorobenzene	< 0.42	ug/l	0.42	1.34	1	8260B		6/1/2017	CJR	1
1,3-Dichlorobenzene	< 0.45	ug/l	0.45	1.43	1	8260B		6/1/2017	CJR	1
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.09	1	8260B		6/1/2017	CJR	1
Dichlorodifluoromethane	< 0.38	ug/l	0.38	1.2	1	8260B		6/1/2017	CJR	1
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B		6/1/2017	CJR	1
1,1-Dichloroethane	< 0.42	ug/l	0.42	1.34	1	8260B		6/1/2017	CJR	1
1,1-Dichloroethene	< 0.46	ug/l	0.46	1.47	1	8260B		6/1/2017	CJR	1
cis-1,2-Dichloroethene	< 0.41	ug/l	0.41	1.29	1	8260B		6/1/2017	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.12	1	8260B		6/1/2017	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.24	1	8260B		6/1/2017	CJR	1
1,3-Dichloropropane	< 0.49	ug/l	0.49	1.55	1	8260B		6/1/2017	CJR	1
trans-1,3-Dichloropropene	< 0.42	ug/l	0.42	1.33	1	8260B		6/1/2017	CJR	1
cis-1,3-Dichloropropene	< 0.21	ug/l	0.21	0.65	1	8260B		6/1/2017	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.83	1	8260B		6/1/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		6/1/2017	CJR	1

**Project Name** FMR VOGUE CLEANERS  
**Project #** 6349 PO#2017-0726

**Invoice #** E32991

**Lab Code** 5032991F  
**Sample ID** 6349-MW-SO2  
**Sample Matrix** Water  
**Sample Date** 5/26/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B	6/1/2017	6/1/2017	CJR	1
Hexachlorobutadiene	< 1.47	ug/l	1.47	4.68	1	8260B	6/1/2017	6/1/2017	CJR	1
Isopropylbenzene	< 0.29	ug/l	0.29	0.93	1	8260B	6/1/2017	6/1/2017	CJR	1
p-Isopropyltoluene	< 0.28	ug/l	0.28	0.91	1	8260B	6/1/2017	6/1/2017	CJR	1
Methylene chloride	< 0.94	ug/l	0.94	2.98	1	8260B	6/1/2017	6/1/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B	6/1/2017	6/1/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B	6/1/2017	6/1/2017	CJR	1
n-Propylbenzene	< 0.19	ug/l	0.19	0.62	1	8260B	6/1/2017	6/1/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.69	ug/l	0.69	2.21	1	8260B	6/1/2017	6/1/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.47	ug/l	0.47	1.48	1	8260B	6/1/2017	6/1/2017	CJR	1
Tetrachloroethene	0.56 "J"	ug/l	0.48	1.52	1	8260B	6/1/2017	6/1/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B	6/1/2017	6/1/2017	CJR	1
1,2,4-Trichlorobenzene	< 1.29	ug/l	1.29	4.1	1	8260B	6/1/2017	6/1/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.83	ug/l	0.83	2.63	1	8260B	6/1/2017	6/1/2017	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.11	1	8260B	6/1/2017	6/1/2017	CJR	1
1,1,2-Trichloroethane	< 0.65	ug/l	0.65	2.06	1	8260B	6/1/2017	6/1/2017	CJR	1
Trichloroethene (TCE)	< 0.45	ug/l	0.45	1.43	1	8260B	6/1/2017	6/1/2017	CJR	1
Trichlorofluoromethane	< 0.64	ug/l	0.64	2.04	1	8260B	6/1/2017	6/1/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B	6/1/2017	6/1/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B	6/1/2017	6/1/2017	CJR	1
Vinyl Chloride	< 0.19	ug/l	0.19	0.62	1	8260B	6/1/2017	6/1/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B	6/1/2017	6/1/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B	6/1/2017	6/1/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	102	REC %			1	8260B	6/1/2017	6/1/2017	CJR	1
SUR - 4-Bromofluorobenzene	97	REC %			1	8260B	6/1/2017	6/1/2017	CJR	1
SUR - Dibromofluoromethane	95	REC %			1	8260B	6/1/2017	6/1/2017	CJR	1
SUR - Toluene-d8	105	REC %			1	8260B	6/1/2017	6/1/2017	CJR	1

**Project Name** FMR VOGUE CLEANERS  
**Project #** 6349 PO#2017-0726

**Invoice #** E32991

**Lab Code** 5032991G  
**Sample ID** 6349-MW-SO3  
**Sample Matrix** Water  
**Sample Date** 5/26/2017

	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	5/31/2017	6/1/2017	NJC	1
Acenaphthylene	0.0302 "J"	ug/l	0.019	0.061	1	M8270C	5/31/2017	6/1/2017	NJC	5
Anthracene	< 0.019	ug/l	0.019	0.062	1	M8270C	5/31/2017	6/1/2017	NJC	1
Benzo(a)anthracene	0.034 "J"	ug/l	0.017	0.054	1	M8270C	5/31/2017	6/1/2017	NJC	1
Benzo(a)pyrene	0.0209 "J"	ug/l	0.02	0.065	1	M8270C	5/31/2017	6/1/2017	NJC	1
Benzo(b)fluoranthene	0.0311 "J"	ug/l	0.018	0.058	1	M8270C	5/31/2017	6/1/2017	NJC	1
Benzo(g,h,i)perylene	< 0.025	ug/l	0.025	0.081	1	M8270C	5/31/2017	6/1/2017	NJC	1
Benzo(k)fluoranthene	< 0.016	ug/l	0.016	0.05	1	M8270C	5/31/2017	6/1/2017	NJC	1
Chrysene	0.0287 "J"	ug/l	0.02	0.065	1	M8270C	5/31/2017	6/1/2017	NJC	1
Dibenzo(a,h)anthracene	< 0.025	ug/l	0.025	0.078	1	M8270C	5/31/2017	6/1/2017	NJC	1
Fluoranthene	0.062	ug/l	0.017	0.053	1	M8270C	5/31/2017	6/1/2017	NJC	1
Fluorene	< 0.021	ug/l	0.021	0.066	1	M8270C	5/31/2017	6/1/2017	NJC	1
Indeno(1,2,3-cd)pyrene	< 0.023	ug/l	0.023	0.074	1	M8270C	5/31/2017	6/1/2017	NJC	1
1-Methyl naphthalene	< 0.024	ug/l	0.024	0.076	1	M8270C	5/31/2017	6/1/2017	NJC	1
2-Methyl naphthalene	< 0.024	ug/l	0.024	0.075	1	M8270C	5/31/2017	6/1/2017	NJC	1
Naphthalene	< 0.025	ug/l	0.025	0.081	1	M8270C	5/31/2017	6/1/2017	NJC	1
Phenanthrene	< 0.025	ug/l	0.025	0.081	1	M8270C	5/31/2017	6/1/2017	NJC	1
Pyrene	0.06 "J"	ug/l	0.02	0.063	1	M8270C	5/31/2017	6/1/2017	NJC	1
VOC's										
Benzene	< 34	ug/l	34	110	200	8260B		6/1/2017	CJR	1
Bromobenzene	< 86	ug/l	86	274	200	8260B		6/1/2017	CJR	1
Bromodichloromethane	< 62	ug/l	62	200	200	8260B		6/1/2017	CJR	1
Bromoform	< 98	ug/l	98	312	200	8260B		6/1/2017	CJR	1
tert-Butylbenzene	< 78	ug/l	78	246	200	8260B		6/1/2017	CJR	1
sec-Butylbenzene	< 48	ug/l	48	152	200	8260B		6/1/2017	CJR	1
n-Butylbenzene	< 68	ug/l	68	216	200	8260B		6/1/2017	CJR	1
Carbon Tetrachloride	< 42	ug/l	42	136	200	8260B		6/1/2017	CJR	1
Chlorobenzene	< 54	ug/l	54	172	200	8260B		6/1/2017	CJR	1
Chloroethane	< 100	ug/l	100	320	200	8260B		6/1/2017	CJR	1
Chloroform	< 192	ug/l	192	608	200	8260B		6/1/2017	CJR	1
Chloromethane	< 260	ug/l	260	830	200	8260B		6/1/2017	CJR	1
2-Chlorotoluene	< 72	ug/l	72	230	200	8260B		6/1/2017	CJR	1
4-Chlorotoluene	< 70	ug/l	70	222	200	8260B		6/1/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 376	ug/l	376	1196	200	8260B		6/1/2017	CJR	1
Dibromochloromethane	< 90	ug/l	90	288	200	8260B		6/1/2017	CJR	1
1,4-Dichlorobenzene	< 84	ug/l	84	268	200	8260B		6/1/2017	CJR	1
1,3-Dichlorobenzene	< 90	ug/l	90	286	200	8260B		6/1/2017	CJR	1
1,2-Dichlorobenzene	< 68	ug/l	68	218	200	8260B		6/1/2017	CJR	1
Dichlorodifluoromethane	< 76	ug/l	76	240	200	8260B		6/1/2017	CJR	1
1,2-Dichloroethane	< 90	ug/l	90	286	200	8260B		6/1/2017	CJR	1
1,1-Dichloroethane	< 84	ug/l	84	268	200	8260B		6/1/2017	CJR	1
1,1-Dichloroethene	< 92	ug/l	92	294	200	8260B		6/1/2017	CJR	1
cis-1,2-Dichloroethene	< 82	ug/l	82	258	200	8260B		6/1/2017	CJR	1
trans-1,2-Dichloroethene	< 70	ug/l	70	224	200	8260B		6/1/2017	CJR	1
1,2-Dichloropropane	< 78	ug/l	78	248	200	8260B		6/1/2017	CJR	1
1,3-Dichloropropane	< 98	ug/l	98	310	200	8260B		6/1/2017	CJR	1
trans-1,3-Dichloropropene	< 84	ug/l	84	266	200	8260B		6/1/2017	CJR	1
cis-1,3-Dichloropropene	< 42	ug/l	42	130	200	8260B		6/1/2017	CJR	1
Di-isopropyl ether	< 52	ug/l	52	166	200	8260B		6/1/2017	CJR	1
EDB (1,2-Dibromoethane)	< 68	ug/l	68	218	200	8260B		6/1/2017	CJR	1

**Project Name** FMR VOGUE CLEANERS  
**Project #** 6349 PO#2017-0726

**Invoice #** E32991

**Lab Code** 5032991G  
**Sample ID** 6349-MW-SO3  
**Sample Matrix** Water  
**Sample Date** 5/26/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Ethylbenzene	< 40	ug/l	40	126	200	8260B	6/1/2017	6/1/2017	CJR	1
Hexachlorobutadiene	< 294	ug/l	294	936	200	8260B	6/1/2017	6/1/2017	CJR	1
Isopropylbenzene	< 58	ug/l	58	186	200	8260B	6/1/2017	6/1/2017	CJR	1
p-Isopropyltoluene	< 56	ug/l	56	182	200	8260B	6/1/2017	6/1/2017	CJR	1
Methylene chloride	< 188	ug/l	188	596	200	8260B	6/1/2017	6/1/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 164	ug/l	164	520	200	8260B	6/1/2017	6/1/2017	CJR	1
Naphthalene	< 434	ug/l	434	1380	200	8260B	6/1/2017	6/1/2017	CJR	1
n-Propylbenzene	< 38	ug/l	38	124	200	8260B	6/1/2017	6/1/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 138	ug/l	138	442	200	8260B	6/1/2017	6/1/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 94	ug/l	94	296	200	8260B	6/1/2017	6/1/2017	CJR	1
Tetrachloroethene	24300	ug/l	96	304	200	8260B	6/1/2017	6/1/2017	CJR	1
Toluene	< 134	ug/l	134	426	200	8260B	6/1/2017	6/1/2017	CJR	1
1,2,4-Trichlorobenzene	< 258	ug/l	258	820	200	8260B	6/1/2017	6/1/2017	CJR	1
1,2,3-Trichlorobenzene	< 166	ug/l	166	526	200	8260B	6/1/2017	6/1/2017	CJR	1
1,1,1-Trichloroethane	< 70	ug/l	70	222	200	8260B	6/1/2017	6/1/2017	CJR	1
1,1,2-Trichloroethane	< 130	ug/l	130	412	200	8260B	6/1/2017	6/1/2017	CJR	1
Trichloroethene (TCE)	< 90	ug/l	90	286	200	8260B	6/1/2017	6/1/2017	CJR	1
Trichlorofluoromethane	< 128	ug/l	128	408	200	8260B	6/1/2017	6/1/2017	CJR	1
1,2,4-Trimethylbenzene	< 228	ug/l	228	726	200	8260B	6/1/2017	6/1/2017	CJR	1
1,3,5-Trimethylbenzene	< 182	ug/l	182	580	200	8260B	6/1/2017	6/1/2017	CJR	1
Vinyl Chloride	< 38	ug/l	38	124	200	8260B	6/1/2017	6/1/2017	CJR	1
m&p-Xylene	< 312	ug/l	312	990	200	8260B	6/1/2017	6/1/2017	CJR	1
o-Xylene	< 78	ug/l	78	250	200	8260B	6/1/2017	6/1/2017	CJR	1
SUR - Toluene-d8	103	REC %			200	8260B	6/1/2017	6/1/2017	CJR	1
SUR - Dibromofluoromethane	96	REC %			200	8260B	6/1/2017	6/1/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	101	REC %			200	8260B	6/1/2017	6/1/2017	CJR	1
SUR - 4-Bromofluorobenzene	98	REC %			200	8260B	6/1/2017	6/1/2017	CJR	1

Project Name FMR VOGUE CLEANERS  
 Project # 6349 PO#2017-0726

Invoice # E32991

Lab Code 5032991H  
 Sample ID 6349-MW-SO4  
 Sample Matrix Water  
 Sample Date 5/26/2017

	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	5/31/2017	6/1/2017	NJC	1
Acenaphthylene	0.0227 "J"	ug/l	0.019	0.061	1	M8270C	5/31/2017	6/1/2017	NJC	5
Anthracene	< 0.019	ug/l	0.019	0.062	1	M8270C	5/31/2017	6/1/2017	NJC	1
Benzo(a)anthracene	< 0.017	ug/l	0.017	0.054	1	M8270C	5/31/2017	6/1/2017	NJC	1
Benzo(a)pyrene	< 0.02	ug/l	0.02	0.065	1	M8270C	5/31/2017	6/1/2017	NJC	1
Benzo(b)fluoranthene	< 0.018	ug/l	0.018	0.058	1	M8270C	5/31/2017	6/1/2017	NJC	1
Benzo(g,h,i)perylene	< 0.025	ug/l	0.025	0.081	1	M8270C	5/31/2017	6/1/2017	NJC	1
Benzo(k)fluoranthene	< 0.016	ug/l	0.016	0.05	1	M8270C	5/31/2017	6/1/2017	NJC	1
Chrysene	< 0.02	ug/l	0.02	0.065	1	M8270C	5/31/2017	6/1/2017	NJC	1
Dibenzo(a,h)anthracene	< 0.025	ug/l	0.025	0.078	1	M8270C	5/31/2017	6/1/2017	NJC	1
Fluoranthene	< 0.017	ug/l	0.017	0.053	1	M8270C	5/31/2017	6/1/2017	NJC	1
Fluorene	< 0.021	ug/l	0.021	0.066	1	M8270C	5/31/2017	6/1/2017	NJC	1
Indeno(1,2,3-cd)pyrene	< 0.023	ug/l	0.023	0.074	1	M8270C	5/31/2017	6/1/2017	NJC	1
1-Methyl naphthalene	< 0.024	ug/l	0.024	0.076	1	M8270C	5/31/2017	6/1/2017	NJC	1
2-Methyl naphthalene	< 0.024	ug/l	0.024	0.075	1	M8270C	5/31/2017	6/1/2017	NJC	1
Naphthalene	< 0.025	ug/l	0.025	0.081	1	M8270C	5/31/2017	6/1/2017	NJC	1
Phenanthrene	< 0.025	ug/l	0.025	0.081	1	M8270C	5/31/2017	6/1/2017	NJC	1
Pyrene	< 0.02	ug/l	0.02	0.063	1	M8270C	5/31/2017	6/1/2017	NJC	1
VOC's										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		6/2/2017	CJR	1
Bromobenzene	< 0.43	ug/l	0.43	1.37	1	8260B		6/2/2017	CJR	1
Bromodichloromethane	< 0.31	ug/l	0.31	1	1	8260B		6/2/2017	CJR	1
Bromoform	< 0.49	ug/l	0.49	1.56	1	8260B		6/2/2017	CJR	1
tert-Butylbenzene	< 0.39	ug/l	0.39	1.23	1	8260B		6/2/2017	CJR	1
sec-Butylbenzene	< 0.24	ug/l	0.24	0.76	1	8260B		6/2/2017	CJR	1
n-Butylbenzene	< 0.34	ug/l	0.34	1.08	1	8260B		6/2/2017	CJR	1
Carbon Tetrachloride	< 0.21	ug/l	0.21	0.68	1	8260B		6/2/2017	CJR	1
Chlorobenzene	< 0.27	ug/l	0.27	0.86	1	8260B		6/2/2017	CJR	1
Chloroethane	< 0.5	ug/l	0.5	1.6	1	8260B		6/2/2017	CJR	1
Chloroform	< 0.96	ug/l	0.96	3.04	1	8260B		6/2/2017	CJR	1
Chloromethane	< 1.3	ug/l	1.3	4.15	1	8260B		6/2/2017	CJR	1
2-Chlorotoluene	< 0.36	ug/l	0.36	1.15	1	8260B		6/2/2017	CJR	1
4-Chlorotoluene	< 0.35	ug/l	0.35	1.11	1	8260B		6/2/2017	CJR	1
1,2-Dibromo-3-chloropropane	< 1.88	ug/l	1.88	5.98	1	8260B		6/2/2017	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.44	1	8260B		6/2/2017	CJR	1
1,4-Dichlorobenzene	< 0.42	ug/l	0.42	1.34	1	8260B		6/2/2017	CJR	1
1,3-Dichlorobenzene	< 0.45	ug/l	0.45	1.43	1	8260B		6/2/2017	CJR	1
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.09	1	8260B		6/2/2017	CJR	1
Dichlorodifluoromethane	< 0.38	ug/l	0.38	1.2	1	8260B		6/2/2017	CJR	1
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B		6/2/2017	CJR	1
1,1-Dichloroethane	< 0.42	ug/l	0.42	1.34	1	8260B		6/2/2017	CJR	1
1,1-Dichloroethene	< 0.46	ug/l	0.46	1.47	1	8260B		6/2/2017	CJR	1
cis-1,2-Dichloroethene	< 0.41	ug/l	0.41	1.29	1	8260B		6/2/2017	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.12	1	8260B		6/2/2017	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.24	1	8260B		6/2/2017	CJR	1
1,3-Dichloropropane	< 0.49	ug/l	0.49	1.55	1	8260B		6/2/2017	CJR	1
trans-1,3-Dichloropropene	< 0.42	ug/l	0.42	1.33	1	8260B		6/2/2017	CJR	1
cis-1,3-Dichloropropene	< 0.21	ug/l	0.21	0.65	1	8260B		6/2/2017	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.83	1	8260B		6/2/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		6/2/2017	CJR	1

**Project Name** FMR VOGUE CLEANERS  
**Project #** 6349 PO#2017-0726

**Invoice #** E32991

**Lab Code** 5032991H  
**Sample ID** 6349-MW-SO4  
**Sample Matrix** Water  
**Sample Date** 5/26/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B	6/2/2017	6/2/2017	CJR	1
Hexachlorobutadiene	< 1.47	ug/l	1.47	4.68	1	8260B	6/2/2017	6/2/2017	CJR	1
Isopropylbenzene	< 0.29	ug/l	0.29	0.93	1	8260B	6/2/2017	6/2/2017	CJR	1
p-Isopropyltoluene	< 0.28	ug/l	0.28	0.91	1	8260B	6/2/2017	6/2/2017	CJR	1
Methylene chloride	< 0.94	ug/l	0.94	2.98	1	8260B	6/2/2017	6/2/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B	6/2/2017	6/2/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B	6/2/2017	6/2/2017	CJR	1
n-Propylbenzene	< 0.19	ug/l	0.19	0.62	1	8260B	6/2/2017	6/2/2017	CJR	1
1,1,2,2-Tetrachloroethane	< 0.69	ug/l	0.69	2.21	1	8260B	6/2/2017	6/2/2017	CJR	1
1,1,1,2-Tetrachloroethane	< 0.47	ug/l	0.47	1.48	1	8260B	6/2/2017	6/2/2017	CJR	1
Tetrachloroethene	< 0.48	ug/l	0.48	1.52	1	8260B	6/2/2017	6/2/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B	6/2/2017	6/2/2017	CJR	1
1,2,4-Trichlorobenzene	< 1.29	ug/l	1.29	4.1	1	8260B	6/2/2017	6/2/2017	CJR	1
1,2,3-Trichlorobenzene	< 0.83	ug/l	0.83	2.63	1	8260B	6/2/2017	6/2/2017	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.11	1	8260B	6/2/2017	6/2/2017	CJR	1
1,1,2-Trichloroethane	< 0.65	ug/l	0.65	2.06	1	8260B	6/2/2017	6/2/2017	CJR	1
Trichloroethene (TCE)	< 0.45	ug/l	0.45	1.43	1	8260B	6/2/2017	6/2/2017	CJR	1
Trichlorofluoromethane	< 0.64	ug/l	0.64	2.04	1	8260B	6/2/2017	6/2/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B	6/2/2017	6/2/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B	6/2/2017	6/2/2017	CJR	1
Vinyl Chloride	< 0.19	ug/l	0.19	0.62	1	8260B	6/2/2017	6/2/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B	6/2/2017	6/2/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B	6/2/2017	6/2/2017	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %			1	8260B	6/2/2017	6/2/2017	CJR	1
SUR - 4-Bromofluorobenzene	97	REC %			1	8260B	6/2/2017	6/2/2017	CJR	1
SUR - Dibromofluoromethane	98	REC %			1	8260B	6/2/2017	6/2/2017	CJR	1
SUR - Toluene-d8	91	REC %			1	8260B	6/2/2017	6/2/2017	CJR	1

CHAIN OF CUSTODY RECORD

PO# 2017-0726

# Synergy

## Environmental Lab, Inc.

Chain # NO 2866

Page 1 of 2

**Sample Handling Request**

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

Normal Turn Around

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

Lab I.D. #
Account No. : <span style="float:right">Quote No.:</span>
Project #: <u>6349</u>
Sampler: (signature) <u>[Signature]</u>

Project (Name / Location): Former Vogue Cleaners - Wauwatosa

Reports To: <u>R. Hoyerman</u>	Invoice To:
Company <u>EnviroForensics</u>	Company
Address <u>N16 W23390 Stone Ridge Dr</u>	Address
City State Zip <u>Waukesha, WI 53188</u>	City State Zip
Phone <u>317 972 7870</u>	Phone
FAX	FAX

Analysis Requested												Other Analysis				PID/ FID	

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
<del>S032791A</del>	<del>6349-MW-1</del>	<del>5/26</del>	<del>1220</del>	<del></del>	<del>X</del>	<del>N</del>	<del>3</del>	<del>GW</del>	<del>HCL</del>
B	6349-MW-2	5/26	0925		X	N	3	GW	HCL
C	6349-MW-3	5/26	1259		X	N	3	GW	HCL
D	6349-MW-4	5/26	1005		X	N	3	GW	HCL
E	6349-MW-S01	5/26	1040		X	N	3	GW	HCL
F	6349-MW-S02	5/26	1140		X	N	3	GW	HCL
G	6349-MW-S03	5/26	1335		X	N	3	GW	HCL
H	6349-MW-S04	5/26	1105		X	N	3	GW	HCL
I	6349-DUP-1	5/26			X	N	3	GW	HCL
<del>J</del>	<del>6349-EB-1</del>	<del>5/26</del>	<del>1210</del>	<del></del>	<del>X</del>	<del>N</del>	<del>2</del>	<del>GW</del>	<del>HCL</del>

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: GC

Temp. of Temp. Blank \_\_\_\_\_ °C On Ice:

Cooler seal intact upon receipt:  Yes \_\_\_\_\_ No

Relinquished By: (sign) [Signature]

Time 10:30

Date 5/30/17

Received By: (sign) [Signature]

Time 10:20

Date 5/30/17

Received in Laboratory By: [Signature]

Time: 8:00

Date: 5/31/17



CHAIN OF STUDY RECORD

PO# 2017-0726

# Synergy

## Environmental Lab, Inc.

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

Chain # No 270

Page 2 of 2

**Sample Handling Request**

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

Normal Turn Around

Lab I.D. #	
Account No.:	Quote No.:
Project #: 6349	
Sampler: (signature) <i>[Signature]</i>	

Project (Name / Location): Former Vogue Cleaners-Wauwatosa	
Reports To: R. Haverman	Invoice To:
Company EnviroForensics	Company
Address N16 W23390 Stone Ridge Dr	Address
City State Zip Waukesha, WI 53188	City State Zip
Phone 317 972 7870	Phone
FAX	FAX

Analysis Requested														Other Analysis	
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-PCRA METALS	PID/ FID	
												X			

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
J	6349-TB				X	N	1	GW	HCL

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: <u>Ge</u> Temp. of Temp. Blank _____ °C On Ice: <input checked="" type="checkbox"/> Cooler seal intact upon receipt: <input checked="" type="checkbox"/> Yes _____ No	Relinquished By: (sign) <i>[Signature]</i>	Time <u>10:30</u>	Date <u>5/30/17</u>	Received By: (sign) <i>[Signature]</i>	Time <u>10:30</u>	Date <u>5/30/17</u>
	Received in Laboratory By: <i>[Signature]</i>					
	Time: <u>8:00</u> Date: <u>5/31/17</u>					