FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL

June 7, 2016

Mr. John Hnat
WDNR
2300 N Dr. Martin Luther King Jr Dr.
Milwaukee, WI 53212

RE: Status Report, Master Dry Cleaners DERF Site, 6326 W. Bluemound Road, Wauwatosa, WI, BRRTS # 02-41-545142

Dear Mr. Hnat:

Objective

The purpose of this status report is to present the results from the recent groundwater and subslab vapor samples obtained from the Master Cleaners building.

A proposed scope of additional work and response to issues raised in the May 2, 2016 WDNR letter will be provided in a separate submittal.

Site Status

The drycleaning business ceased operations in 2015, and a new tenant is seeking to use the building. Prior to occupancy, some additional assessment and remediation was completed in February 2016 while the building is vacant.

As you know, the site investigation was completed by Sigma Environmental, Milwaukee, WI, with the investigation completed in 2012. Soil borings and a monitoring well network consisting of 19 locations have been established during the investigation. Subslab and indoor vapor samples of the neighboring residential property to the north were also obtained, with no elevated responses.

Petroleum investigation and remediation actions had previously been completed, as the property was also formerly a gas station from approximately 1950 to 1970. Soil excavation and disposal in 2006 addressed the former tank bed contamination, with remaining petroleum persisting in the soil and groundwater southwest of the building. The petroleum activities were closed by the WDNR in June 2013, with notification of off-site contamination in groundwater provided to the neighbor to the north (Richard Rusch, 518 N 64th Street). A cap maintenance plan was also part of the requirement for closure, with essentially the entire building and parking lot paved surfaces identified as an area that serves as a cap that should be maintained to be protective of the environment.

In early December 2015, Fehr Graham directed the injection of an aqueous mixture containing 3,200 pounds of Provectus IR at the most contaminated area of the property. Areas of injection focused on the south, east, and north edges of the building, but did not access the building interior.

Completed Additional Actions February 2016

With closing of the drycleaning operation, the building is temporarily vacant. Activities completed in February 2016 were performed to take advantage of this opportunity for building access so the case can be further positioned for eventual case closure.

These steps are also considered helpful to position the building for occupancy by a non-drycleaning business.

The following actions were completed:

1. Removal of the drycleaning machine and residual clean chemicals, with proper disposal or reuse of remaining chemicals. This was completed by outside private parties in January or early February 2016.

2. Installation of three soil borings (B-101, B-102, B-103) inside the building on February 10, with six soil samples and three groundwater samples retained for laboratory analysis (Figure 3).

3. Testing of the subslab vapor chemistry beneath the building at two locations. Two subslab vapor probes (VP-1, VP-2) were installed by Fehr Graham personnel and sampled on February 24. Results from the laboratory are attached and summarized on Table A.5 and plotted on Figure 3. The results indicate the subslab vapors have acceptable concentrations from the southwest portion of the building, but levels of PCE and TCE are elevated at the central portion of the building at VP-2. Installation of a subslab vapor mitigation system should be performed prior to building occupancy.

4. Removal of a former floor drain / sump located in the eastern portion of the building near the former drycleaning operations. The sump had a concrete base and vitreous tile sides, with a piped discharge lateral that likely connected to the sanitary sewer. The sump contained approximately one drum of sludge. The sump was entirely removed and drummed, with the tile and concrete retained in three drums. The sanitary sewer lateral was capped by a licensed plumber.

   Upon sump removal, two soil samples retained from beneath the sump at 5.5 feet and beneath the sanitary sewer lateral at 2.5 feet revealed high concentrations of PCE were present. On February 10, 250 pounds of Provectus IR, the same material injected previously into the subsurface at the site, was mixed with 250 gallons of water and added to the sump for treatment of residual contamination beneath the building. The material pooled in the former sump, and slowly drained over the course of approximately ten days. The sump was empty of the mixture on February 24. On February 24, one soil sample from beneath the sump was retained using a hand auger to assess the post-treatment results fourteen days following application. The soil sample revealed even higher levels of PCE remains present in the base of the sump.

Provectus IR is not a fast reacting treatment method, and the absence of a decline in concentration was not surprising. The increase that was noted was likely due to sample variability in the retained soil for analysis.

Groundwater Sampling and Results April 2016

Per the approved remedial action plan, the first round of post-injection groundwater samples was obtained on April 24 and April 25, 2016. All site monitoring wells were tested for VOC analysis and field measurement of water level, pH, dissolved oxygen, conductivity, and oxidation / reduction potential. The laboratory analytical results are attached and the data has been tabulated and plotted (Table A.1.1, Table A.6, Table A.7, and Figures 1 and 2).

The results indicate the groundwater flow direction remains to the north / northeast, as previously identified. The chemistry results indicate highly favorable results, despite being fairly early (only 5 months) in the post-injection remediation timeframe. Some highlights include:

- Decreases for PCE at the source area (SMW-9) from 81,800 ppb to 14,100 ppb. Increases were noted for degradation products (TCE, DCE, VC) at the source area well, with the most significant being an increase in cis 1,2-DCE from 1,480 ppb to 47,000 ppb, and VC from 146 ppb to 2,110 ppb. This indicates PCE is degrading in significant fashion at the source area.

- Downgradient to the north a similar situation was noted at wells SMW-4, where PCE dropped from 112 to 22 ppb, and DCE and VC increased.

- Decreases in all contaminants were noted in the groundwater from the well in Mr. Rusch's front yard, SMW-10, where PCE dropped from 583 to 1.0 ppb, and TCE, DCE, and VC all dropped approximately 80 to 90 percent. Decreases were also apparent in groundwater from further downgradient wells SMW-11, SMW-12, SMW-14, and the near-source areas off-site well MW-3, with no detectable PCE and only a trace of TCE present, and generally decreases noted for DCE and VC. Increases of DCE or VC were noted at SMW-11 and MW-3, as the contaminant degradation progresses.

- The results from the deeper aquifer, PZ-1 and PZ-2, indicates similar results from pre and post-injection, with some compounds increasing slightly, and others decreasing. No significant changes in the vertical distribution of contaminants appears present.

- Field evaluation of the chemical conditions reveals that negative oxidation reduction potentials and low dissolved oxygen conditions persist in groundwater from SMW-9, SMW-4, SMW-3, SMW-10, and MW-3. These conditions are preferred for continued degradation.

Remaining Scope of Work and Schedule

The approved remedial action plan included post-injection rounds of groundwater sampling twice per year. The next round of groundwater sampling is planned for November 2016.

The results from the subslab vapor testing indicates a subslab vapor mitigation system needs to be installed and operating at the site prior to occupancy by a new tenant. A system will be installed; however, additional sub-building remediation will be proposed for implementation in June or July 2016. The subslab vapor mitigation system will be installed following completion of all sub-building soil remediation and restoration of the building floor.

I trust this information meets your needs. If you have any questions, please give me a call.

Sincerely,

Kendrick A. Ebbott, P.G.
Branch Manager

Attachment:

Table A.1.1	Groundwater Analytical Results – VOC
Table A.5	Subslab Vapor Chemistry Results
Table A.6	Water Level Elevations
Table A.7	Groundwater Natural Attenuation
Figure 1	Groundwater Elevation April 26, 2016
Figure 2	Groundwater Chemistry April 25 & 26, 2016
Figure 3	Vapor Chemistry Feb 24, 2016
Laboratory Analytical Report: March 10, 2016 Subslab Vapors	
Laboratory Analytical Report: May 11, 2016, Groundwater Samples	

Cc: Mr. Harold Shipshock, Master Cleaners, c/o Mr. Tom Shipshock, via email
Mr. Don Gallo, Whyte Hirschboeck, via email only

A.1.I
Groundwater Analytical Table - VOC
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	SMW-1						
Date				12/12/06	09/25/07	12/06/07	09/09/08	08/18/09	09/30/15	04/25/16
Groundwater Elevation				682.46	682.06	680.92	682.05	681.43	683.03	683.84
Benzene	(ug/L)	*0.5*	**5**	<0.47	*0.51 J*	<0.47	0.38 J	<0.41	<0.50	<0.50
Ethylbenzene	(ug/L)	*140*	**700**	2.19	72	0.61 J	23.6	<0.87	23.9	20.1
Toluene	(ug/L)	*160*	**800**	<0.59	0.93 J	<0.46	0.62 J	<0.51	<0.50	<0.50
Xylenes (TOTAL)	(ug/L)	*400*	**2,000**	7.05 J	16.45	<0.99	2.47 J	<2.13	2.3	1.9 J
m&p-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	2.3	<0.50
o-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	<0.50	1.9 J
Naphthalene	(ug/L)	*10*	**100**	<2.2	3.8 J	<1.8	2.19 J	<1.7	<2.5	<2.5
MTBE	(ug/L)	*12*	**60**	<0.52	<0.52	<0.52	<0.7	<0.5	<0.17	<0.17
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	*96*	**480**	5.68	18.5	<1.57	0.83	<2.6	0.91	0.68 J
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	1.48	18.5	<1.2	0.83 J	<1.1	0.91 J	0.68 J
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	4.2	<0.37	<0.37	<0.23	<1.5	<0.50	<0.50
Tetrachloroethene (PCE)	(ug/L)	*0.5*	**5**	<0.52	*0.69 J*	<0.52	*0.60*	<0.42	<0.50	<0.50
Trichloroethene (TCE)	(ug/L)	*0.5*	**5**	<0.44	*0.56 J*	<0.44	<0.47	<0.39	<0.33	<0.33
cis-1,2-Dichloroethene	(ug/L)	*7*	**70**	<0.68	<0.68	<0.68	<0.44	<0.68	<0.26	<0.26
trans-1,2-Dichloroethene	(ug/L)	*20*	**100**	<0.95	<0.95	<0.95	<0.61	<0.61	<0.26	<0.26
Vinyl Chloride	(ug/L)	*0.02*	**0.2**	<0.17	<0.2	<0.2	<0.2	<0.2	<0.18	<0.18
Methylene Chloride	(ug/L)	*0.5*	**5**	<0.69	<0.69	<0.69	<0.99	<1.5	<0.23	<0.23
Bromobenzene	(ug/L)	NS	NS	<0.62	<0.36	<0.36	<0.44	<0.43	<0.23	<0.23
Bromochloromethane	(ug/L)	NS	NS	NR	NR	NR	NR	NR	<0.34	<0.34
Bromodichloromethane	(ug/L)	*0.06*	**0.6**	<0.82	<0.5	<0.5	<0.3	<0.41	<0.50	<0.50
Bromoform	(ug/L)	*0.44*	**4.4**	<0.3	<0.38	<0.38	<0.7	<0.46	<0.50	<0.50
Bromomethane	(ug/L)	*1*	**10**	NR	NR	NR	NR	NR	<2.4	<2.4
n-Butylbenzene	(ug/L)	NS	NS	<1.1	7.3	<0.52	1.06 J	<1.5	4.9	2.4
sec-Butylbenzene	(ug/L)	NS	NS	<0.76	8	0.59 J	1.64 J	0.86 J	7.2	7.1
tert-Butylbenzene	(ug/L)	NS	NS	<0.6	<0.34	<0.34	<0.32	<0.46	<0.18	<0.18
Carbon Tetrachloride	(ug/L)	*0.5*	**5**	<0.52	<0.46	<0.46	<0.3	<0.43	<0.50	<0.50
Chlorobenzene	(ug/L)	NS	NS	<0.56	<0.31	<0.31	<0.39	<0.39	<0.50	<0.50
Chloroethane	(ug/L)	*80*	**400**	<0.54	<0.47	<0.47	<0.97	<1.5	<0.37	<0.37
Chloroform	(ug/L)	*0.6*	**6**	<0.61	<0.48	<0.48	<0.47	<0.48	<2.5	<2.5
Chloromethane	(ug/L)	3	**30**	<1.0	<1	<1	<0.5	<0.5	<0.50	<0.50
2-Chlorotoluene	(ug/L)	NS	NS	<1.1	<0.49	<0.49	<0.41	<0.37	<0.50	<0.50
4-Chlorotoluene	(ug/L)	NS	NS	<0.62	<0.38	<0.38	<0.3	<0.63	<0.21	<0.21
1,2-Dibromo-3-chloropropane	(ug/L)	*0.02*	**0.2**	<2.5	<1.4	<1.4	<1.7	<2	<2.2	<2.2
Dibromochloromethane	(ug/L)	*6*	**60**	<0.65	<0.32	<0.32	<0.4	<0.76	<0.50	<0.50
1,2-Dibromoethane (EDB)	(ug/L)	*0.005*	**0.05**	<0.49	<0.49	<0.49	<0.76	<0.52	<0.18	<0.18
Dibromomethane	(ug/L)	NS	NS	NR	NR	NR	NR	NR	<0.43	<0.43
1,2-Dichlorobenzene	(ug/L)	*60*	**600**	<0.69	<0.35	<0.35	<0.88	<0.66	<0.50	<0.50
1,3-Dichlorobenzene	(ug/L)	*120*	**600**	<0.72	<0.3	<0.3	<0.67	<0.34	<0.50	<0.50
1,4-Dichlorobenzene	(ug/L)	*15*	**75**	<0.68	<0.33	<0.33	<0.74	<0.77	<0.50	<0.50
Dichlorodifluoromethane	(ug/L)	*200*	**1,000**	<0.5	<0.46	<0.46	<0.76	<0.45	<0.22	<0.22
1,1-Dichloroethane	(ug/L)	*85*	**850**	<0.56	<0.56	<0.56	<0.59	<0.44	<0.24	<0.24
1,2-Dichloroethane	(ug/L)	*0.5*	**5**	<0.72	<0.45	<0.45	<0.41	<0.43	<0.17	<0.17
1,1-Dichloroethene	(ug/L)	*0.7*	**7**	<0.3	<0.64	<0.64	<0.5	<0.47	<0.41	<0.41
1,2-Dichloropropane	(ug/L)	*0.5*	**5**	<0.47	<0.47	<0.47	<0.27	<0.26	<0.23	<0.23
1,3-Dichloropropane	(ug/L)	NS	NS	<0.67	<0.39	<0.39	<0.4	<0.49	<0.50	<0.50
2,2-Dichloropropane	(ug/L)	NS	NS	<1.2	<0.98	<0.98	<0.53	<0.89	<0.48	<0.48
1,1-Dichloropropene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	<0.44	<0.44
cis-1,3-Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	NR	NR	NR	<0.50	<0.50
trans-1,3Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	NR	NR	NR	<0.23	<0.23
Diisopropyl ether	(ug/L)	NS	NS	<0.71	<1.3	<1.3	<0.37	<0.32	<0.50	<0.50
Hexachloro-1,3-butadiene	(ug/L)	NS	NS	<2.1	<1.5	<1.5	<1.7	<1.5	<2.1	<2.1
Isopropylbenzene	(ug/L)	NS	NS	<0.99	35	1.3 J	14.6	1.79	25.8	25.5
p-Isopropyltoluene	(ug/L)	NS	NS	<0.81	1.58	<0.35	<0.77	<0.57	1.3	1.4
n-Propylbenzene	(ug/L)	NS	NS	<0.61	100	2.16	31.5	2.31	71.4	62.6
Styrene	(ug/L)	*10*	**100**	NR	NR	NR	NR	NR	<0.50	<0.50
1,1,1,2-Tetrachloroethane	(ug/L)	*7*	**70**	<0.65	<0.65	<0.65	<0.32	<0.54	<0.18	<0.18
1,1,2,2-Tetrachloroethane	(ug/L)	*0.02*	**0.2**	<0.89	<0.75	<0.75	<0.5	<0.55	<0.25	<0.25
1,2,3-Trichlorobenzene	(ug/L)	NS	NS	<1.4	<1.6	<1.6	<1.6	<1.6	<2.1	<2.1
1,2,4-Trichlorobenzene	(ug/L)	*14*	**70**	<1.5	<1.5	<1.5	<1.1	<2.1	<2.2	<2.2
1,1,1-Trichlorethane	(ug/L)	*40*	**200**	<0.5	<0.5	<0.5	<0.28	<0.46	<0.50	<0.50
1,1,2-Trichlorethane	(ug/L)	*0.5*	**5**	<0.5	<0.5	<0.5	<0.39	<0.41	<0.20	<0.20
Trichlorofluoromethane	(ug/L)	NS	NS	<0.61	<0.61	<0.61	<0.81	<0.72	<0.18	<0.18
1,2,3-Trichloropropane	(ug/L)	*12*	**60**	NR	NR	NR	NR	NR	<0.50	<0.50

Notes:
NS = No standard established
-- = Not analyzed for parameter
NR = Not Reported

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
BOLD indicates exceedance of NR 140.10 Enforcement Standard

A.1.I
Groundwater Analytical Table - VOC
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	SMW-2						
Date				12/12/06	09/25/07	12/06/07	09/09/08	08/18/09	09/30/15	04/25/16
Groundwater Elevation				684.09	683.74	681.92	683.66	682.89	683.27	684.64
Benzene	(ug/L)	*0.5*	**5**	<0.47	<0.47	<0.47	<0.24	<0.41	<0.50	<0.50
Ethylbenzene	(ug/L)	*140*	**700**	<0.38	<0.38	<0.38	0.37 J	<0.87	<0.50	<0.50
Toluene	(ug/L)	*160*	**800**	<0.59	<0.46	<0.46	<0.39	<0.51	<0.50	<0.50
Xylenes (TOTAL)	(ug/L)	*400*	**2,000**	<1.1	<0.99	<0.99	1.01 J	<2.13	<1.5	<1.50
m&p-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	<1.0	<1.0
o-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	<0.50	<0.50
Naphthalene	(ug/L)	*10*	**100**	<2.2	<1.8	<1.8	<1.8	<1.7	<2.5	<2.5
MTBE	(ug/L)	*12*	**60**	<0.52	<0.52	<0.52	<0.7	<0.5	<0.17	<0.17
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	*96*	**480**	<1.2	<1.57	<1.57	<0.74	<2.6	<1.0	<0.50
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	<0.39	<1.2	<1.2	<0.51	<1.1	<0.50	<0.50
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	<1.2	<0.37	<0.37	<0.23	<1.5	<0.50	<0.50
Tetrachloroethene (PCE)	(ug/L)	*0.5*	**5**	<0.52	<0.52	<0.52	<0.5	<0.42	<0.50	<0.50
Trichloroethene (TCE)	(ug/L)	*0.5*	**5**	<0.44	<0.44	<0.44	<0.47	<0.39	<0.33	<0.33
cis-1,2-Dichloroethene	(ug/L)	*7*	**70**	<0.68	<0.68	<0.68	<0.44	<0.68	<0.26	<0.26
trans-1,2-Dichloroethene	(ug/L)	*20*	**100**	<0.95	<0.95	<0.95	<0.61	<0.61	<0.26	<0.26
Vinyl Chloride	(ug/L)	*0.02*	**0.2**	<0.17	<0.2	<0.2	<0.2	<0.2	<0.18	<0.18
Methylene Chloride	(ug/L)	*0.5*	**5**	<0.69	<0.69	<0.69	<0.99	<1.5	<0.23	<0.23
Bromobenzene	(ug/L)	NS	NS	<0.62	<0.36	<0.36	<0.44	<0.43	<0.23	<0.23
Bromochloromethane	(ug/L)	NS	NS	NR	NR	NR	NR	NR	<0.34	<0.34
Bromodichloromethane	(ug/L)	*0.06*	**0.6**	<0.82	<0.5	<0.5	<0.3	<0.41	<0.50	<0.50
Bromoform	(ug/L)	*0.44*	**4.4**	<0.3	<0.38	<0.38	<0.7	<0.46	<0.50	<0.50
Bromomethane	(ug/L)	*1*	**10**	NR	NR	NR	NR	NR	<2.4	<2.4
n-Butylbenzene	(ug/L)	NS	NS	<1.1	<0.52	<0.52	<0.55	<1.5	<0.50	<0.50
sec-Butylbenzene	(ug/L)	NS	NS	<0.76	<0.36	<0.36	<0.73	<0.43	<2.2	<2.2
tert-Butylbenzene	(ug/L)	NS	NS	<0.6	<0.34	<0.34	<0.32	<0.46	<0.18	<0.18
Carbon Tetrachloride	(ug/L)	*0.5*	**5**	<0.52	<0.46	<0.46	<0.3	<0.43	<0.50	<0.50
Chlorobenzene	(ug/L)	NS	NS	<0.56	<0.31	<0.31	<0.39	<0.39	<0.50	<0.50
Chloroethane	(ug/L)	*80*	**400**	<0.54	<0.47	<0.47	<0.97	<1.5	<0.37	<0.37
Chloroform	(ug/L)	*0.6*	**6**	<0.61	<0.48	<0.48	<0.47	<0.48	<2.5	<2.5
Chloromethane	(ug/L)	3	**30**	<1.0	<1	<1	<0.5	<0.5	<0.50	<0.50
2-Chlorotoluene	(ug/L)	NS	NS	<1.1	<0.49	<0.49	<0.41	<0.37	<0.50	<0.50
4-Chlorotoluene	(ug/L)	NS	NS	<0.62	<0.38	<0.38	<0.3	<0.63	<0.21	<0.21
1,2-Dibromo-3-chloropropane	(ug/L)	*0.02*	**0.2**	<2.5	<1.4	<1.4	<1.7	<2	<2.2	<2.2
Dibromochloromethane	(ug/L)	*6*	**60**	<0.65	<0.32	<0.32	<0.4	<0.76	<0.50	<0.50
1,2-Dibromoethane (EDB)	(ug/L)	*0.005*	**0.05**	<0.49	<0.49	<0.49	<0.76	<0.52	<0.18	<0.18
Dibromomethane	(ug/L)	NS	NS	NR	NR	NR	NR	NR	<0.43	<0.43
1,2-Dichlorobenzene	(ug/L)	*60*	**600**	<0.69	<0.35	<0.35	<0.88	<0.66	<0.50	<0.50
1,3-Dichlorobenzene	(ug/L)	*120*	**600**	<0.72	<0.3	<0.3	<0.67	<0.34	<0.50	<0.50
1,4-Dichlorobenzene	(ug/L)	*15*	**75**	<0.68	<0.33	<0.33	<0.74	<0.77	<0.50	<0.50
Dichlorodifluoromethane	(ug/L)	*200*	**1,000**	<0.5	<0.46	<0.46	<0.76	<0.45	<0.22	<0.22
1,1-Dichloroethane	(ug/L)	*85*	**850**	<0.56	<0.56	<0.56	<0.59	<0.44	<0.24	<0.24
1,2-Dichloroethane	(ug/L)	*0.5*	**5**	<0.72	<0.45	<0.45	<0.41	<0.43	<0.17	<0.17
1,1-Dichloroethene	(ug/L)	*0.7*	**7**	<0.3	<0.64	<0.64	<0.5	<0.47	<0.41	<0.41
1,2-Dichloropropane	(ug/L)	*0.5*	**5**	<0.47	<0.47	<0.47	<0.27	<0.26	<0.23	<0.23
1,3-Dichloropropane	(ug/L)	NS	NS	<0.67	<0.39	<0.39	<0.4	<0.49	<0.50	<0.50
2,2-Dichloropropane	(ug/L)	NS	NS	<1.2	<0.98	<0.98	<0.53	<0.89	<0.48	<0.48
1,1-Dichloropropene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	<0.44	<0.44
cis-1,3-Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	NR	NR	NR	<0.50	<0.50
trans-1,3Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	NR	NR	NR	<0.23	<0.23
Diisopropyl ether	(ug/L)	NS	NS	<0.71	<1.3	<1.3	<0.37	<0.32	<0.50	<0.50
Hexachloro-1,3-butadiene	(ug/L)	NS	NS	<2.1	<1.5	<1.5	<1.7	<1.5	<2.1	<2.1
Isopropylbenzene	(ug/L)	NS	NS	<0.99	<0.48	<0.48	<0.6	<0.39	<0.14	<0.14
p-Isopropyltoluene	(ug/L)	NS	NS	<0.81	<0.35	<0.35	<0.77	<0.57	<0.50	<0.50
n-Propylbenzene	(ug/L)	NS	NS	<0.61	0.42 J	<0.38	<0.54	<0.33	<0.50	<0.50
Styrene	(ug/L)	*10*	**100**	NR	NR	NR	NR	NR	<0.50	<0.50
1,1,1,2-Tetrachloroethane	(ug/L)	*7*	**70**	<0.65	<0.65	<0.65	<0.32	<0.54	<0.18	<0.18
1,1,2,2-Tetrachloroethane	(ug/L)	*0.02*	**0.2**	<0.89	<0.75	<0.75	<0.5	<0.55	<0.25	<0.25
1,2,3-Trichlorobenzene	(ug/L)	NS	NS	<1.4	<1.6	<1.6	<1.6	<1.6	<2.1	<2.1
1,2,4-Trichlorobenzene	(ug/L)	*14*	**70**	<1.5	<1.5	<1.5	<1.1	<2.1	<2.2	<2.2
1,1,1-Trichlorethane	(ug/L)	*40*	**200**	<0.5	<0.5	<0.5	<0.28	<0.46	<0.50	<0.50
1,1,2-Trichlorethane	(ug/L)	*0.5*	**5**	<0.5	<0.5	<0.5	<0.39	<0.41	<0.20	<0.20
Trichlorofluoromethane	(ug/L)	NS	NS	<0.61	<0.61	<0.61	<0.81	<0.72	<0.18	<0.18
1,2,3-Trichloropropane	(ug/L)	*12*	**60**	NR	NR	NR	NR	NR	<0.50	<0.50

Notes:
NS = No standard established
-- = Not analyzed for parameter
NR = Not Reported

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
BOLD indicates exceedance of NR 140.10 Enforcement Standard

A.1.I
Groundwater Analytical Table - VOC
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	SMW-3									
Date				12/12/06	09/25/07	12/06/07	09/09/08	08/18/09	07/01/10	10/29/10	01/10/12	09/30/15	04/25/16
Groundwater Elevation				679.93	679.01	678.96	679.47	678.65	680.12	678.47	678.73	679.14	679.68
Benzene	(ug/L)	*0.5*	**5**	*176*	*308*	*320*	*175*	*133*	*590*	*145*	*144*	*96.3*	*24.2*
Ethylbenzene	(ug/L)	*140*	**700**	*340*	*142*	62	*148*	42 J	*500*	65	58	*204*	31.9
Toluene	(ug/L)	*160*	**800**	*256*	26.8 J	23 J	20.2 J	11.6 J	130 J	16.9 J	30.5	31.0	10.0
Xylenes (TOTAL)	(ug/L)	*400*	**2,000**	294	86.2	<48.5	54.6 J	<42.6	*685*	22 J	39.8 J	31.6	21.7
m&p-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	NR	NR	19.7 J	15.0
o-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	NR	NR	11.9	6.7
Naphthalene	(ug/L)	*10*	**100**	*110 J*	<36	<90	<36	<34	*247*	*18.2 J*	<20	<25.0	<2.5
MTBE	(ug/L)	*12*	**60**	<26	<10.4	<26	<14	<10	<24.5	<4.9	<4.7	<1.7	<0.17
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	*96*	**480**	*264*	47.2	<78.5	53.4 J	<52	*300*	16.1 J	<14	14.0	17.5
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	264	39 J	<60	42	<22	261	16.1 J	<14	14.0	14.8
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	<60	8.2 J	<18.5	11.4 J	<30	39 J	<7.3	<13	<5.0	2.7
Tetrachloroethene (PCE)	(ug/L)	*0.5*	**5**	*52 J*	*174*	*126*	*81*	*13.6 J*	--	--	--	*21.0*	*28.7*
Trichloroethene (TCE)	(ug/L)	*0.5*	**5**	*264*	*313*	*278*	*274*	*103*	--	--	--	*92.2*	*56.2*
cis-1,2-Dichloroethene	(ug/L)	*7*	**70**	*870*	*2,400*	*2,250*	*2,040*	*1,740*	--	--	--	*1,350*	*105*
trans-1,2-Dichloroethene	(ug/L)	*20*	**100**	<47.5	*30 J*	<47.5	<12.2	<12.2	--	--	--	15.4	2.6
Vinyl Chloride	(ug/L)	*0.02*	**0.2**	*212*	*314*	*298*	*227*	*123*	--	--	--	*229*	*40.9*
Methylene Chloride	(ug/L)	*0.5*	**5**	<34.5	<13.8	<34.5	<19.8	<30	--	--	--	<2.3	*1.9*
Bromobenzene	(ug/L)	NS	NS	<31	<7.2	<18	<8.8	<8.6	--	--	--	<2.3	<0.23
Bromochloromethane	(ug/L)	NS	NS	NR	NR	NR	NR	NR	--	--	--	<3.4	<0.34
Bromodichloromethane	(ug/L)	*0.06*	**0.6**	<41	<10	<25	<6	<8.2	--	--	--	<5.0	<0.50
Bromoform	(ug/L)	*0.44*	**4.4**	<15	<7.6	<19	<14	<9.2	--	--	--	<5.0	<0.50
Bromomethane	(ug/L)	*1*	**10**	NR	NR	NR	NR	NR	--	--	--	<24.3	<2.4
n-Butylbenzene	(ug/L)	NS	NS	<55	<10.4	<26	<11	<30	--	--	--	<5.0	<0.50
sec-Butylbenzene	(ug/L)	NS	NS	<38	<7.2	<18	<14.6	<8.6	--	--	--	<21.9	<2.2
tert-Butylbenzene	(ug/L)	NS	NS	<30	<6.8	<17	<6.4	<9.2	--	--	--	<1.8	<0.18
Carbon Tetrachloride	(ug/L)	*0.5*	**5**	<26	<9.2	<23	<6	<8.6	--	--	--	<5.0	<0.50
Chlorobenzene	(ug/L)	NS	NS	<28	<6.2	<15.5	<7.8	<7.8	--	--	--	<5.0	<0.50
Chloroethane	(ug/L)	*80*	**400**	<27	<9.4	<23.5	<19.4	<30	--	--	--	<3.7	<0.37
Chloroform	(ug/L)	*0.6*	**6**	<30.5	<9.6	<24	<9.4	<9.6	--	--	--	<25.0	<2.5
Chloromethane	(ug/L)	3	**30**	<50	<20	<50	<10	<10	--	--	--	<5.0	<0.50
2-Chlorotoluene	(ug/L)	NS	NS	<55	<9.8	<24.5	<8.2	<7.4	--	--	--	<5.0	<0.50
4-Chlorotoluene	(ug/L)	NS	NS	<31	<7.6	<19	<6	<12.6	--	--	--	<2.1	<0.21
1,2-Dibromo-3-chloropropane	(ug/L)	*0.02*	**0.2**	<125	<28	<70	<34	<40	--	--	--	<21.6	<2.2
Dibromochloromethane	(ug/L)	*6*	**60**	<32.5	<6.4	<16	<8	<15.2	--	--	--	<5.0	<0.50
1,2-Dibromoethane (EDB)	(ug/L)	*0.005*	**0.05**	<24.5	<9.8	<24.5	<15.2	<10.4	--	--	--	<1.8	<0.18
Dibromomethane	(ug/L)	NS	NS	NR	NR	NR	NR	NR	--	--	--	<4.3	<0.43
1,2-Dichlorobenzene	(ug/L)	*60*	**600**	<34.5	<7	<17.5	<17.6	<13.2	--	--	--	<5.0	<0.50
1,3-Dichlorobenzene	(ug/L)	*120*	**600**	<36	<6	<15	<13.4	<6.8	--	--	--	<5.0	<0.50
1,4-Dichlorobenzene	(ug/L)	*15*	**75**	<34	<6.6	<16.5	<14.8	<15.4	--	--	--	<5.0	<0.50
Dichlorodifluoromethane	(ug/L)	*200*	**1,000**	<25	<9.2	<23	<15.2	<9	--	--	--	<2.2	<0.22
1,1-Dichloroethane	(ug/L)	*85*	**850**	<28	<11.2	<28	<11.8	<8.8	--	--	--	<2.4	<0.24
1,2-Dichloroethane	(ug/L)	*0.5*	**5**	<36	31.4	<22.5	<8.2	<8.6	--	--	--	<1.7	*1.8*
1,1-Dichloroethene	(ug/L)	*0.7*	**7**	<15	<12.8	<32	<10	<9.4	--	--	--	*7.5 J*	<0.41
1,2-Dichloropropane	(ug/L)	*0.5*	**5**	<23.5	<9.4	<23.5	<5.4	<5.2	--	--	--	<2.3	<0.23
1,3-Dichloropropane	(ug/L)	NS	NS	<33.5	<7.8	<19.5	<8	<9.8	--	--	--	<5.0	<0.50
2,2-Dichloropropane	(ug/L)	NS	NS	<60	<19.6	<49	<10.6	<17.8	--	--	--	<4.8	<0.48
1,1-Dichloropropene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	--	--	--	<4.4	<0.44
cis-1,3-Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	NR	NR	NR	--	--	--	<5.0	<0.50
trans-1,3Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	NR	NR	NR	--	--	--	<2.3	<0.23
Diisopropyl ether	(ug/L)	NS	NS	<35.5	<26	<65	<7.4	<6.4	--	--	--	<5.0	<0.50
Hexachloro-1,3-butadiene	(ug/L)	NS	NS	<105	<30	<75	<34	<30	--	--	--	<21.1	<2.1
Isopropylbenzene	(ug/L)	NS	NS	<49.5	<9.6	<24	<12	<7.8	--	--	--	20.7	7.2
p-Isopropyltoluene	(ug/L)	NS	NS	<40.5	<7	<17.5	<15.4	<11.4	--	--	--	<5.0	<0.50
n-Propylbenzene	(ug/L)	NS	NS	57 J	<7.6	<19	14 J	<6.6	--	--	--	41.7	3.6
Styrene	(ug/L)	*10*	**100**	NR	NR	NR	NR	NR	--	--	--	<5.0	<0.50
1,1,1,2-Tetrachloroethane	(ug/L)	*7*	**70**	<32.5	<13	<32.5	<6.4	<10.8	--	--	--	<1.8	<0.18
1,1,2,2-Tetrachloroethane	(ug/L)	*0.02*	**0.2**	<44.5	<15	<37.5	<10	<11	--	--	--	<2.5	<0.25
1,2,3-Trichlorobenzene	(ug/L)	NS	NS	<70	<32	<80	<32	<32	--	--	--	<21.3	<2.1
1,2,4-Trichlorobenzene	(ug/L)	*14*	**70**	<75	<30	<75	<22	<42	--	--	--	<22.1	<2.2
1,1,1-Trichlorethane	(ug/L)	*40*	**200**	<25	<10	<25	<5.6	<9.2	--	--	--	<5.0	<0.50
1,1,2-Trichlorethane	(ug/L)	*0.5*	**5**	<25	<10	<25	<7.8	<8.2	--	--	--	<2.0	<0.20
Trichlorofluoromethane	(ug/L)	NS	NS	<30.5	<12.2	<30.5	<16.2	<14.4	--	--	--	<1.8	<0.18
1,2,3-Trichloropropane	(ug/L)	*12*	**60**	NR	NR	NR	NR	NR	--	--	--	<5.0	<0.50

Notes:
NS = No standard established
-- = Not analyzed for parameter
NR = Not Reported

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
BOLD indicates exceedance of NR 140.10 Enforcement Standard

A.1.I
Groundwater Analytical Table - VOC
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	SMW-4							
Date				12/12/06	09/25/07	12/06/07	09/09/08	08/18/09	01/10/12	09/30/15	04/26/16
Groundwater Elevation				680.23	678.83	678.71	678.97	678.34	679.17	681.45	680.54
Benzene	(ug/L)	*0.5*	**5**	<23.5	<9.4	<9.4	<12	<8.2	*1.28 J*	<0.50	<2.5
Ethylbenzene	(ug/L)	*140*	**700**	<19	<7.6	<7.6	107	39 J	<0.98	<0.50	2.8 J
Toluene	(ug/L)	*160*	**800**	<29.5	<9.2	<9.2	*254*	88	<0.89	<0.50	<2.5
Xylenes (TOTAL)	(ug/L)	*400*	**2,000**	<55	<19.4	<19.8	*411*	165	2.06 J	<1.5	8.1 J
m&p-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	<1.0	8.1 J
o-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	<0.50	<2.5
Naphthalene	(ug/L)	*10*	**100**	<110	<36	<36	<90	<34	<2	<2.5	<12.5
MTBE	(ug/L)	*12*	**60**	<26	<10.4	<10.4	<35	<10	<0.47	<0.17	<0.87
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	*96*	**480**	<60	<31.4	<31.4	49.5	<52	<1.4	<1.0	<5.0
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	<19.5	<24	<24	36 J	<22	<1.4	<0.50	<2.5
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	<60	<7.4	<7.4	13.5 J	<30	<1.3	<0.50	<2.5
Tetrachloroethene (PCE)	(ug/L)	*0.5*	**5**	*670*	*610*	*560*	*560*	*460*	--	*112*	*21.9*
Trichloroethene (TCE)	(ug/L)	*0.5*	**5**	*340*	*540*	*430*	*400*	*330*	--	*14.1*	*13.0*
cis-1,2-Dichloroethene	(ug/L)	*7*	**70**	*1,460*	*1,730*	*1,900*	*5,600*	*2,530*	--	*70.6*	*658*
trans-1,2-Dichloroethene	(ug/L)	*20*	**100**	*84 J*	*105*	*89*	*123*	*77*	--	4.6	14.4
Vinyl Chloride	(ug/L)	*0.02*	**0.2**	*11.5 J*	*11.8 J*	*13.4*	*44*	*16*	--	<0.18	*15.3*
Methylene Chloride	(ug/L)	*0.5*	**5**	<34.5	<13.8	<13.8	<49.5	<30	--	<0.23	<1.2
Bromobenzene	(ug/L)	NS	NS	<31	<7.2	<7.2	<22	<8.6	--	<0.23	<1.2
Bromochloromethane	(ug/L)	NS	NS	NR	NR	NR	NR	NR	--	<0.34	<1.7
Bromodichloromethane	(ug/L)	*0.06*	**0.6**	<41	<10	<10	<15	<8.2	--	<0.50	<2.5
Bromoform	(ug/L)	*0.44*	**4.4**	<15	<7.6	<7.6	<35	<9.2	--	<0.50	<2.5
Bromomethane	(ug/L)	*1*	**10**	NR	NR	NR	NR	NR	--	<2.4	<12.2
n-Butylbenzene	(ug/L)	NS	NS	<55	<10.4	<10.4	<27.5	<30	--	<0.50	<2.5
sec-Butylbenzene	(ug/L)	NS	NS	<38	<7.2	<7.2	<36.5	<8.6	--	<2.2	<10.9
tert-Butylbenzene	(ug/L)	NS	NS	<30	<6.8	<6.8	<16	<9.2	--	<0.18	<0.90
Carbon Tetrachloride	(ug/L)	*0.5*	**5**	<26	<9.2	<9.2	<15	<8.6	--	<0.50	<2.5
Chlorobenzene	(ug/L)	NS	NS	<28	<6.2	<6.2	<19.5	<7.8	--	<0.50	<2.5
Chloroethane	(ug/L)	*80*	**400**	<27	<9.4	<9.4	<48.5	<30	--	<0.37	<1.9
Chloroform	(ug/L)	*0.6*	**6**	<30.5	<9.6	<9.6	<23.5	<9.6	--	<2.5	<12.5
Chloromethane	(ug/L)	3	**30**	<50	<20	<20	<25	<10	--	<0.50	<2.5
2-Chlorotoluene	(ug/L)	NS	NS	<55	<9.8	<9.8	<20.5	<7.4	--	<0.50	<2.5
4-Chlorotoluene	(ug/L)	NS	NS	<31	<7.6	<7.6	<15	<12.6	--	<0.21	<1.1
1,2-Dibromo-3-chloropropane	(ug/L)	*0.02*	**0.2**	<125	<28	<28	<85	<40	--	<2.2	<10.8
Dibromochloromethane	(ug/L)	*6*	**60**	<32.5	<6.4	<6.4	<20	<15.2	--	<0.50	<2.5
1,2-Dibromoethane (EDB)	(ug/L)	*0.005*	**0.05**	<24.5	<9.8	<9.8	<38	<10.4	--	<0.18	<0.89
Dibromomethane	(ug/L)	NS	NS	NR	NR	NR	NR	NR	--	<0.43	<2.1
1,2-Dichlorobenzene	(ug/L)	*60*	**600**	<34.5	<7	<7	<44	<13.2	--	<0.50	<2.5
1,3-Dichlorobenzene	(ug/L)	*120*	**600**	<36	<6	<6	<33.5	<6.8	--	<0.50	<2.5
1,4-Dichlorobenzene	(ug/L)	*15*	**75**	<34	<6.6	<6.6	<37	<15.4	--	<0.50	<2.5
Dichlorodifluoromethane	(ug/L)	*200*	**1,000**	<25	<9.2	<9.2	<38	<9	--	<0.22	<1.1
1,1-Dichloroethane	(ug/L)	*85*	**850**	<28	<11.2	<11.2	<29.5	<8.8	--	<0.24	<1.2
1,2-Dichloroethane	(ug/L)	*0.5*	**5**	<36	<9	<9	<20.5	<8.6	--	<0.17	<0.84
1,1-Dichloroethene	(ug/L)	*0.7*	**7**	<15	<12.8	<12.8	<25	*10 J*	--	0.42 J	<2.1
1,2-Dichloropropane	(ug/L)	*0.5*	**5**	<23.5	<9.4	<9.4	<13.5	<5.2	--	<0.23	<1.2
1,3-Dichloropropane	(ug/L)	NS	NS	<33.5	<7.8	<7.8	<20	<9.8	--	<0.50	<2.5
2,2-Dichloropropane	(ug/L)	NS	NS	<60	<19.6	<19.6	<26.5	<17.8	--	<0.48	<2.4
1,1-Dichloropropene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	--	<0.44	<2.2
cis-1,3-Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	NR	NR	NR	--	<0.50	<2.5
trans-1,3Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	NR	NR	NR	--	<0.23	<1.1
Diisopropyl ether	(ug/L)	NS	NS	<35.5	<26	<26	<18.5	<6.4	--	<0.50	<2.5
Hexachloro-1,3-butadiene	(ug/L)	NS	NS	<105	<30	<30	<85	<30	--	<2.1	<10.5
Isopropylbenzene	(ug/L)	NS	NS	<49.5	<9.6	<9.6	<30	<7.8	--	<0.14	<0.72
p-Isopropyltoluene	(ug/L)	NS	NS	<40.5	<7	<7	<38.5	<11.4	--	<0.50	<2.5
n-Propylbenzene	(ug/L)	NS	NS	<30.5	<7.6	<7.6	<27	<6.6	--	<0.50	<2.5
Styrene	(ug/L)	*10*	**100**	NR	NR	NR	NR	NR	--	<0.50	<2.5
1,1,1,2-Tetrachloroethane	(ug/L)	*7*	**70**	<32.5	<13	<13	<16	<10.8	--	<0.18	<0.90
1,1,2,2-Tetrachloroethane	(ug/L)	*0.02*	**0.2**	<44.5	<15	<15	<25	<11	--	<0.25	<1.2
1,2,3-Trichlorobenzene	(ug/L)	NS	NS	<70	<32	<32	<80	<32	--	<2.1	<10.7
1,2,4-Trichlorobenzene	(ug/L)	*14*	**70**	<75	<30	<30	<55	<42	--	<2.2	<11.0
1,1,1-Trichlorethane	(ug/L)	*40*	**200**	<25	<10	<10	<14	<9.2	--	<0.50	<2.5
1,1,2-Trichlorethane	(ug/L)	*0.5*	**5**	<25	<10	<10	<19.5	<8.2	--	<0.20	<0.99
Trichlorofluoromethane	(ug/L)	NS	NS	<30.5	<12.2	<12.2	<40.5	<14.4	--	<0.18	<0.92
1,2,3-Trichloropropane	(ug/L)	*12*	**60**	NR	NR	NR	NR	NR	--	<0.50	<2.5

Notes:
NS = No standard established
-- = Not analyzed for parameter
NR = Not Reported

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
BOLD indicates exceedance of NR 140.10 Enforcement Standard

A.1.I
Groundwater Analytical Table - VOC
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	SMW-5						
Date				12/12/06	09/25/07	12/06/07	09/09/08	08/18/09	09/30/15	04/25/16
Groundwater Elevation				682.85	681.25	680.57	681.43	680.57	683.00	682.85
Benzene	(ug/L)	*0.5*	**5**	<0.47	<0.47	<0.47	<0.24	<0.41	<0.50	<0.50
Ethylbenzene	(ug/L)	*140*	**700**	<0.38	<0.38	<0.38	<0.35	<0.87	<0.50	<0.50
Toluene	(ug/L)	*160*	**800**	<0.59	<0.46	<0.46	0.44 J	<0.51	<0.50	<0.50
Xylenes (TOTAL)	(ug/L)	*400*	**2,000**	<1.1	<0.99	<0.99	<1.67	<2.13	<1.5	<1.50
m&p-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	<1.0	<1.0
o-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	<0.50	<0.50
Naphthalene	(ug/L)	*10*	**100**	<2.2	<1.8	<1.8	<1.8	<1.7	<2.5	<2.5
MTBE	(ug/L)	*12*	**60**	<0.52	<0.52	<0.52	<0.7	<0.5	<0.17	<0.17
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	*96*	**480**	<1.2	<1.57	<1.57	<0.74	<2.6	<1.0	<0.50
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	<0.39	<1.2	<1.2	<0.51	<1.1	<0.50	<0.50
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	<1.2	<0.37	<0.37	<0.23	<1.5	<0.50	<0.50
Tetrachloroethene (PCE)	(ug/L)	*0.5*	**5**	<0.52	<0.52	<0.52	0.53 J	<0.42	<0.50	<0.50
Trichloroethene (TCE)	(ug/L)	*0.5*	**5**	<0.44	<0.44	<0.44	<0.47	<0.39	<0.33	<0.33
cis-1,2-Dichloroethene	(ug/L)	*7*	**70**	<0.68	<0.68	<0.68	<0.44	<0.68	<0.26	<0.26
trans-1,2-Dichloroethene	(ug/L)	*20*	**100**	<0.95	<0.95	<0.95	<0.61	<0.61	<0.26	<0.26
Vinyl Chloride	(ug/L)	*0.02*	**0.2**	<0.17	<0.2	<0.2	<0.2	<0.2	<0.18	<0.18
Methylene Chloride	(ug/L)	*0.5*	**5**	<0.69	<0.69	<0.69	<0.99	<1.5	<0.23	<0.23
Bromobenzene	(ug/L)	NS	NS	<0.62	<0.36	<0.36	<0.44	<0.43	<0.23	<0.23
Bromochloromethane	(ug/L)	NS	NS	NR	NR	NR	NR	NR	<0.34	<0.34
Bromodichloromethane	(ug/L)	*0.06*	**0.6**	<0.82	<0.5	<0.5	<0.3	<0.41	<0.50	<0.50
Bromoform	(ug/L)	*0.44*	**4.4**	<0.3	<0.38	<0.38	<0.7	<0.46	<0.50	<0.50
Bromomethane	(ug/L)	*1*	**10**	NR	NR	NR	NR	NR	<2.4	<2.4
n-Butylbenzene	(ug/L)	NS	NS	<1.1	<0.52	<0.52	<0.55	<1.5	<0.50	<0.50
sec-Butylbenzene	(ug/L)	NS	NS	<0.76	<0.36	<0.36	<0.73	<0.43	<2.2	<2.2
tert-Butylbenzene	(ug/L)	NS	NS	<0.6	<0.34	<0.34	<0.32	<0.46	<0.18	<0.18
Carbon Tetrachloride	(ug/L)	*0.5*	**5**	<0.52	<0.46	<0.46	<0.3	<0.43	<0.50	<0.50
Chlorobenzene	(ug/L)	NS	NS	<0.56	<0.31	<0.31	<0.39	<0.39	<0.50	<0.50
Chloroethane	(ug/L)	*80*	**400**	<0.54	<0.47	<0.47	<0.97	<1.5	<0.37	<0.37
Chloroform	(ug/L)	*0.6*	**6**	<0.61	<0.48	<0.48	<0.47	<0.48	<2.5	<2.5
Chloromethane	(ug/L)	3	**30**	<1.0	<1	<1	<0.5	<0.5	<0.50	<0.50
2-Chlorotoluene	(ug/L)	NS	NS	<1.1	<0.49	<0.49	<0.41	<0.37	<0.50	<0.50
4-Chlorotoluene	(ug/L)	NS	NS	<0.62	<0.38	<0.38	<0.3	<0.63	<0.21	<0.21
1,2-Dibromo-3-chloropropane	(ug/L)	*0.02*	**0.2**	<2.5	<1.4	<1.4	<1.7	<2	<2.2	<2.2
Dibromochloromethane	(ug/L)	*6*	**60**	<0.65	<0.32	<0.32	<0.4	<0.76	<0.50	<0.50
1,2-Dibromoethane (EDB)	(ug/L)	*0.005*	**0.05**	<0.49	<0.49	<0.49	<0.76	<0.52	<0.18	<0.18
Dibromomethane	(ug/L)	NS	NS	NR	NR	NR	NR	NR	<0.43	<0.43
1,2-Dichlorobenzene	(ug/L)	*60*	**600**	<0.69	<0.35	<0.35	<0.88	<0.66	<0.50	<0.50
1,3-Dichlorobenzene	(ug/L)	*120*	**600**	<0.72	<0.3	<0.3	<0.67	<0.34	<0.50	<0.50
1,4-Dichlorobenzene	(ug/L)	*15*	**75**	<0.68	<0.33	<0.33	<0.74	<0.77	<0.50	<0.50
Dichlorodifluoromethane	(ug/L)	*200*	**1,000**	<0.5	<0.46	<0.46	<0.76	<0.45	<0.22	<0.22
1,1-Dichloroethane	(ug/L)	*85*	**850**	<0.56	<0.56	<0.56	<0.59	<0.44	<0.24	<0.24
1,2-Dichloroethane	(ug/L)	*0.5*	**5**	<0.72	<0.45	<0.45	<0.41	<0.43	<0.17	<0.17
1,1-Dichloroethene	(ug/L)	*0.7*	**7**	<0.3	<0.64	<0.64	<0.5	<0.47	<0.41	<0.41
1,2-Dichloropropane	(ug/L)	*0.5*	**5**	<0.47	<0.47	<0.47	<0.27	<0.26	<0.23	<0.23
1,3-Dichloropropane	(ug/L)	NS	NS	<0.67	<0.39	<0.39	<0.4	<0.49	<0.50	<0.50
2,2-Dichloropropane	(ug/L)	NS	NS	<1.2	<0.98	<0.98	<0.53	<0.89	<0.48	<0.48
1,1-Dichloropropene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	<0.44	<0.44
cis-1,3-Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	NR	NR	NR	<0.50	<0.50
trans-1,3Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	NR	NR	NR	<0.23	<0.23
Diisopropyl ether	(ug/L)	NS	NS	<0.71	<1.3	<1.3	<0.37	<0.32	<0.50	<0.50
Hexachloro-1,3-butadiene	(ug/L)	NS	NS	<2.1	<1.5	<1.5	<1.7	<1.5	<2.1	<2.1
Isopropylbenzene	(ug/L)	NS	NS	<0.99	<0.48	<0.48	<0.6	<0.39	<0.14	<0.14
p-Isopropyltoluene	(ug/L)	NS	NS	<0.81	<0.35	<0.35	<0.77	<0.57	<0.50	<0.50
n-Propylbenzene	(ug/L)	NS	NS	<0.61	<0.38	<0.38	<0.54	<0.33	<0.50	<0.50
Styrene	(ug/L)	*10*	**100**	NR	NR	NR	NR	NR	<0.50	<0.50
1,1,1,2-Tetrachloroethane	(ug/L)	*7*	**70**	<0.65	<0.65	<0.65	<0.32	<0.54	<0.18	<0.18
1,1,2,2-Tetrachloroethane	(ug/L)	*0.02*	**0.2**	<0.89	<0.75	<0.75	<0.5	<0.55	<0.25	<0.25
1,2,3-Trichlorobenzene	(ug/L)	NS	NS	<1.4	<1.6	<1.6	<1.6	<1.6	<2.1	<2.1
1,2,4-Trichlorobenzene	(ug/L)	*14*	**70**	<1.5	<1.5	<1.5	<1.1	<2.1	<2.2	<2.2
1,1,1-Trichlorethane	(ug/L)	*40*	**200**	<0.5	<0.5	<0.5	<0.28	<0.46	<0.50	<0.50
1,1,2-Trichlorethane	(ug/L)	*0.5*	**5**	<0.5	<0.5	<0.5	<0.39	<0.41	<0.20	<0.20
Trichlorofluoromethane	(ug/L)	NS	NS	<0.61	<0.61	<0.61	<0.81	<0.72	<0.18	<0.18
1,2,3-Trichloropropane	(ug/L)	*12*	**60**	NR	NR	NR	NR	NR	<0.50	<0.50

Notes:
NS = No standard established
-- = Not analyzed for parameter
NR = Not Reported

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
BOLD indicates exceedance of NR 140.10 Enforcement Standard

A.1.I
Groundwater Analytical Table - VOC
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	SMW-6					
Date				09/25/07	12/06/07	09/09/08	08/18/09	09/30/15	04/26/16
Groundwater Elevation				681.81	681.91	682.33	681.61	682.68	682.43
Benzene	(ug/L)	*0.5*	**5**	<0.47	<0.47	<0.24	<0.41	<0.50	<0.50
Ethylbenzene	(ug/L)	*140*	**700**	<0.38	<0.38	<0.35	<0.87	<0.50	<0.50
Toluene	(ug/L)	*160*	**800**	<0.46	<0.46	<0.39	<0.51	<0.50	<0.50
Xylenes (TOTAL)	(ug/L)	*400*	**2,000**	<0.99	<0.99	<1.67	<2.13	<1.5	<1.50
m&p-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	<1.0	<1.0
o-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	<0.50	<0.50
Naphthalene	(ug/L)	*10*	**100**	<1.8	<1.8	<1.8	<1.7	<2.5	<2.5
MTBE	(ug/L)	*12*	**60**	<0.52	<0.52	<0.7	<0.5	<0.17	<0.17
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	*96*	**480**	<1.57	<1.57	<0.74	<2.6	<1.0	<0.50
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	<1.2	<1.2	<0.51	<1.1	<0.50	<0.50
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	<0.37	<0.37	<0.23	<1.5	<0.50	<0.50
Tetrachloroethene (PCE)	(ug/L)	*0.5*	**5**	*0.72 J*	<0.52	*1.33 J*	*1.94*	*2.8*	*2.0*
Trichloroethene (TCE)	(ug/L)	*0.5*	**5**	*0.51 J*	<0.44	<0.47	<0.39	<0.33	<0.33
cis-1,2-Dichloroethene	(ug/L)	*7*	**70**	*7.6*	1.64 J	<0.44	<0.68	<0.26	<0.26
trans-1,2-Dichloroethene	(ug/L)	*20*	**100**	<0.95	<0.95	<0.61	<0.61	<0.26	<0.26
Vinyl Chloride	(ug/L)	*0.02*	**0.2**	*0.4 J*	<0.2	<0.2	<0.2	<0.18	<0.18
Methylene Chloride	(ug/L)	*0.5*	**5**	<0.69	<0.69	<0.99	<1.5	<0.23	<0.23
Bromobenzene	(ug/L)	NS	NS	<0.36	<0.36	<0.44	<0.43	<0.23	<0.23
Bromochloromethane	(ug/L)	NS	NS	NR	NR	NR	NR	<0.34	<0.34
Bromodichloromethane	(ug/L)	*0.06*	**0.6**	<0.5	<0.5	<0.3	<0.41	<0.50	<0.50
Bromoform	(ug/L)	*0.44*	**4.4**	<0.38	<0.38	<0.7	<0.46	<0.50	<0.50
Bromomethane	(ug/L)	*1*	**10**	NR	NR	NR	NR	<2.4	<2.4
n-Butylbenzene	(ug/L)	NS	NS	<0.52	<0.52	<0.55	<1.5	<0.50	<0.50
sec-Butylbenzene	(ug/L)	NS	NS	<0.36	<0.36	<0.73	<0.43	<2.2	<2.2
tert-Butylbenzene	(ug/L)	NS	NS	<0.34	<0.34	<0.32	<0.46	<0.18	<0.18
Carbon Tetrachloride	(ug/L)	*0.5*	**5**	<0.46	<0.46	<0.3	<0.43	<0.50	<0.50
Chlorobenzene	(ug/L)	NS	NS	<0.31	<0.31	<0.39	<0.39	<0.50	<0.50
Chloroethane	(ug/L)	*80*	**400**	<0.47	<0.47	<0.97	<1.5	<0.37	<0.37
Chloroform	(ug/L)	*0.6*	**6**	<0.48	<0.48	<0.47	<0.48	<2.5	<2.5
Chloromethane	(ug/L)	3	**30**	<1	<1	<0.5	<0.5	<0.50	<0.50
2-Chlorotoluene	(ug/L)	NS	NS	<0.49	<0.49	<0.41	<0.37	<0.50	<0.50
4-Chlorotoluene	(ug/L)	NS	NS	<0.38	<0.38	<0.3	<0.63	<0.21	<0.21
1,2-Dibromo-3-chloropropane	(ug/L)	*0.02*	**0.2**	<1.4	<1.4	<1.7	<2	<2.2	<2.2
Dibromochloromethane	(ug/L)	*6*	**60**	<0.32	<0.32	<0.4	<0.76	<0.50	<0.50
1,2-Dibromoethane (EDB)	(ug/L)	*0.005*	**0.05**	<0.49	<0.49	<0.76	<0.52	<0.18	<0.18
Dibromomethane	(ug/L)	NS	NS	NR	NR	NR	NR	<0.43	<0.43
1,2-Dichlorobenzene	(ug/L)	*60*	**600**	<0.35	<0.35	<0.88	<0.66	<0.50	<0.50
1,3-Dichlorobenzene	(ug/L)	*120*	**600**	<0.3	<0.3	<0.67	<0.34	<0.50	<0.50
1,4-Dichlorobenzene	(ug/L)	*15*	**75**	<0.33	<0.33	<0.74	<0.77	<0.50	<0.50
Dichlorodifluoromethane	(ug/L)	*200*	**1,000**	<0.46	<0.46	<0.76	<0.45	<0.22	<0.22
1,1-Dichloroethane	(ug/L)	*85*	**850**	<0.56	<0.56	<0.59	<0.44	<0.24	<0.24
1,2-Dichloroethane	(ug/L)	*0.5*	**5**	<0.45	<0.45	<0.41	<0.43	<0.17	<0.17
1,1-Dichloroethene	(ug/L)	*0.7*	**7**	<0.64	<0.64	<0.5	<0.47	<0.41	<0.41
1,2-Dichloropropane	(ug/L)	*0.5*	**5**	<0.47	<0.47	<0.27	<0.26	<0.23	<0.23
1,3-Dichloropropane	(ug/L)	NS	NS	<0.39	<0.39	<0.4	<0.49	<0.50	<0.50
2,2-Dichloropropane	(ug/L)	NS	NS	<0.98	<0.98	<0.53	<0.89	<0.48	<0.48
1,1-Dichloropropene	(ug/L)	NS	NS	NR	NR	NR	NR	<0.44	<0.44
cis-1,3-Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	NR	NR	<0.50	<0.50
trans-1,3Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	NR	NR	<0.23	<0.23
Diisopropyl ether	(ug/L)	NS	NS	<1.3	<1.3	<0.37	<0.32	<0.50	<0.50
Hexachloro-1,3-butadiene	(ug/L)	NS	NS	<1.5	<1.5	<1.7	<1.5	<2.1	<2.1
Isopropylbenzene	(ug/L)	NS	NS	<0.48	<0.48	<0.6	<0.39	<0.14	<0.14
p-Isopropyltoluene	(ug/L)	NS	NS	<0.35	<0.35	<0.77	<0.57	<0.50	<0.50
n-Propylbenzene	(ug/L)	NS	NS	<0.38	<0.38	<0.54	<0.33	<0.50	<0.50
Styrene	(ug/L)	*10*	**100**	NR	NR	NR	NR	<0.50	<0.50
1,1,1,2-Tetrachloroethane	(ug/L)	*7*	**70**	<0.65	<0.65	<0.32	<0.54	<0.18	<0.18
1,1,2,2-Tetrachloroethane	(ug/L)	*0.02*	**0.2**	<0.75	<0.75	<0.5	<0.55	<0.25	<0.25
1,2,3-Trichlorobenzene	(ug/L)	NS	NS	<1.6	<1.6	<1.6	<1.6	<2.1	<2.1
1,2,4-Trichlorobenzene	(ug/L)	*14*	**70**	<1.5	<1.5	<1.1	<2.1	<2.2	<2.2
1,1,1-Trichlorethane	(ug/L)	*40*	**200**	<0.5	<0.5	<0.28	<0.46	<0.50	<0.50
1,1,2-Trichlorethane	(ug/L)	*0.5*	**5**	<0.5	<0.5	<0.39	<0.41	<0.20	<0.20
Trichlorofluoromethane	(ug/L)	NS	NS	<0.61	<0.61	<0.81	<0.72	<0.18	<0.18
1,2,3-Trichloropropane	(ug/L)	*12*	**60**	NR	NR	NR	NR	<0.50	<0.50

Notes:
NS = No standard established
-- = Not analyzed for parameter
NR = Not Reported

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
BOLD indicates exceedance of NR 140.10 Enforcement Standard

A.1.I
Groundwater Analytical Table - VOC
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	SMW-7								
Date				09/25/07	12/06/07	09/09/08	08/18/09	07/01/10	10/29/10	01/10/12	09/30/15	04/26/16
Groundwater Elevation				681.13	680.41	681.45	680.81	683.43	680.24	681.80	682.34	683.21
Benzene	(ug/L)	*0.5*	**5**	*99*	*46 J*	*18 J*	<20.5	<20	<20	<24.5	<20.0	<20.0
Ethylbenzene	(ug/L)	*140*	**700**	*2,750*	*2,070*	*3,500*	*2,960*	*2,490*	*2,570*	*2,760*	*2,400*	*1,580*
Toluene	(ug/L)	*160*	**800**	*1,460*	*1,800*	*860*	*610*	*400*	*420*	*234*	70.3	36.2 J
Xylenes (TOTAL)	(ug/L)	*400*	**2,000**	*14,300*	*9,800*	*15,900*	*12,800*	*11,800*	*11,500*	*12,400*	*11,830*	*6,970*
m&p-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	NR	9,050	5,340
o-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	NR	2,780	1,630
Naphthalene	(ug/L)	*10*	**100**	*188 J*	*109 J*	*400*	*340*	*390*	*360*	*410*	*273*	*120 J*
MTBE	(ug/L)	*12*	**60**	<26	<26	<35	<25	<24.5	<24.5	<23.5	<7.0	<7.0
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	*96*	**480**	*1,680*	*1,044*	*2,640*	*1,664*	*1,780*	*1,800*	*2,240*	*1,879*	*1,000*
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	1,370	810	2,090	1,360	1,400	1,420	1,730	1,530	808
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	310	234	550	304	380	380	510	349	192
Tetrachloroethene (PCE)	(ug/L)	*0.5*	**5**	<26	<26	<25	<21	--	--	--	<20.0	<20.0
Trichloroethene (TCE)	(ug/L)	*0.5*	**5**	<22	<22	<23.5	<19.5	--	--	--	<13.2	<13.2
cis-1,2-Dichloroethene	(ug/L)	*7*	**70**	<34	<34	<22	<34	--	--	--	<10.2	<10.2
trans-1,2-Dichloroethene	(ug/L)	*20*	**100**	<47.5	<47.5	<30.5	<30.5	--	--	--	<10.3	<10.3
Vinyl Chloride	(ug/L)	*0.02*	**0.2**	<10	<10	<10	<10	--	--	--	<7.0	<7.0
Methylene Chloride	(ug/L)	*0.5*	**5**	<34.5	<34.5	<49.5	<75	--	--	--	<9.3	<9.3
Bromobenzene	(ug/L)	NS	NS	<18	<18	<22	<21.5	--	--	--	<9.2	<9.2
Bromochloromethane	(ug/L)	NS	NS	NR	NR	NR	NR	--	--	--	<13.6	<13.6
Bromodichloromethane	(ug/L)	*0.06*	**0.6**	<25	<25	<15	<20.5	--	--	--	<20.0	<20.0
Bromoform	(ug/L)	*0.44*	**4.4**	<19	<19	<35	<23	--	--	--	<20.0	<20.0
Bromomethane	(ug/L)	*1*	**10**	NR	NR	NR	NR	--	--	--	<97.4	<97.4
n-Butylbenzene	(ug/L)	NS	NS	<26	<26	53 J	<75	--	--	--	<20.0	<20.0
sec-Butylbenzene	(ug/L)	NS	NS	<18	<18	<36.5	<21.5	--	--	--	<87.4	<87.4
tert-Butylbenzene	(ug/L)	NS	NS	<17	<17	<16	<23	--	--	--	<7.2	<7.2
Carbon Tetrachloride	(ug/L)	*0.5*	**5**	<23	<23	<15	<21	--	--	--	<20.0	<20.0
Chlorobenzene	(ug/L)	NS	NS	<15.5	<15.5	<19.5	<19.5	--	--	--	<20.0	<20.0
Chloroethane	(ug/L)	*80*	**400**	<23.5	<23.5	<48.5	<75	--	--	--	<15.0	<15.0
Chloroform	(ug/L)	*0.6*	**6**	<24	<24	<23.5	<24	--	--	--	<100	<100
Chloromethane	(ug/L)	3	**30**	<50	<50	<25	<25	--	--	--	<20.0	<20.0
2-Chlorotoluene	(ug/L)	NS	NS	<24.5	<24.5	<20.5	<18.5	--	--	--	<20.0	<20.0
4-Chlorotoluene	(ug/L)	NS	NS	<19	<19	<15	<31.5	--	--	--	<8.5	<8.5
1,2-Dibromo-3-chloropropane	(ug/L)	*0.02*	**0.2**	<70	<70	<85	<100	--	--	--	<86.6	<86.6
Dibromochloromethane	(ug/L)	*6*	**60**	<16	<16	<20	<38	--	--	--	<20.0	<20.0
1,2-Dibromoethane (EDB)	(ug/L)	*0.005*	**0.05**	<24.5	<24.5	<38	<26	--	--	--	<7.1	<7.1
Dibromomethane	(ug/L)	NS	NS	NR	NR	NR	NR	--	--	--	<17.1	<17.1
1,2-Dichlorobenzene	(ug/L)	*60*	**600**	<17.5	<17.5	<44	<33	--	--	--	<20.0	<20.0
1,3-Dichlorobenzene	(ug/L)	*120*	**600**	<15	<15	<33.5	<17	--	--	--	<20.0	<20.0
1,4-Dichlorobenzene	(ug/L)	*15*	**75**	<16.5	<16.5	<37	<38.5	--	--	--	<20.0	<20.0
Dichlorodifluoromethane	(ug/L)	*200*	**1,000**	<23	<23	<38	<22.5	--	--	--	<9.0	<9.0
1,1-Dichloroethane	(ug/L)	*85*	**850**	<28	<28	<29.5	<22	--	--	--	<9.7	<9.7
1,2-Dichloroethane	(ug/L)	*0.5*	**5**	<22.5	<22.5	<20.5	<21.5	--	--	--	<6.7	<6.7
1,1-Dichloroethene	(ug/L)	*0.7*	**7**	<32	<32	<25	<23.5	--	--	--	<16.4	<16.4
1,2-Dichloropropane	(ug/L)	*0.5*	**5**	<23.5	<23.5	<13.5	<13	--	--	--	<9.3	<9.3
1,3-Dichloropropane	(ug/L)	NS	NS	<19.5	<19.5	<20	<24.5	--	--	--	<20.0	<20.0
2,2-Dichloropropane	(ug/L)	NS	NS	<49	<49	<26.5	<44.5	--	--	--	<19.4	<19.4
1,1-Dichloropropene	(ug/L)	NS	NS	NR	NR	NR	NR	--	--	--	<17.6	<17.6
cis-1,3-Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	NR	NR	--	--	--	<20.0	<20.0
trans-1,3Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	NR	NR	--	--	--	<9.2	<9.2
Diisopropyl ether	(ug/L)	NS	NS	<65	<65	<18.5	<16	--	--	--	<20.0	<20.0
Hexachloro-1,3-butadiene	(ug/L)	NS	NS	<75	<75	<85	<75	--	--	--	<84.2	<84.2
Isopropylbenzene	(ug/L)	NS	NS	57 J	48 J	108	75	--	--	--	49.7	46.9
p-Isopropyltoluene	(ug/L)	NS	NS	<17.5	<17.5	<38.5	<28.5	--	--	--	<20.0	<20.0
n-Propylbenzene	(ug/L)	NS	NS	121	110	300	220	--	--	--	119	105
Styrene	(ug/L)	*10*	**100**	NR	NR	NR	NR	--	--	--	<20.0	<20.0
1,1,1,2-Tetrachloroethane	(ug/L)	*7*	**70**	<32.5	<32.5	<16	<27	--	--	--	<7.2	<7.2
1,1,2,2-Tetrachloroethane	(ug/L)	*0.02*	**0.2**	<37.5	<37.5	<25	<27.5	--	--	--	<10	<10
1,2,3-Trichlorobenzene	(ug/L)	NS	NS	<80	<80	<80	<80	--	--	--	<85.3	<85.3
1,2,4-Trichlorobenzene	(ug/L)	*14*	**70**	<75	<75	<55	<105	--	--	--	<88.4	<88.4
1,1,1-Trichlorethane	(ug/L)	*40*	**200**	<25	<25	<14	<23	--	--	--	<20.0	<20.0
1,1,2-Trichlorethane	(ug/L)	*0.5*	**5**	<25	<25	<19.5	<20.5	--	--	--	<7.9	<7.9
Trichlorofluoromethane	(ug/L)	NS	NS	<30.5	<30.5	<40.5	<36	--	--	--	<7.4	<7.4
1,2,3-Trichloropropane	(ug/L)	*12*	**60**	NR	NR	NR	NR	--	--	--	<20.0	<20.0

Notes:
NS = No standard established
-- = Not analyzed for parameter
NR = Not Reported

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
BOLD indicates exceedance of NR 140.10 Enforcement Standard

A.1.I
Groundwater Analytical Table - VOC
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	SMW-8								
Date				09/25/07	12/06/07	09/09/08	08/18/09	07/01/10	10/29/10	01/10/12	09/30/15	04/25/16
Groundwater Elevation				679.30	679.08	679.36	678.90	681.62	678.60	679.76	679.97	680.56
Benzene	(ug/L)	*0.5*	**5**	*2,560*	*2,050*	*770*	*141*	*0.94 J*	*32*	*6.0*	<0.50	<0.50
Ethylbenzene	(ug/L)	*140*	**700**	112	95	68	17.6 J	1.34 J	3.5	3.4	<0.50	<0.50
Toluene	(ug/L)	*160*	**800**	*193*	52 J	64	<10.2	1.33 J	3.2	13.3	<0.50	<0.50
Xylenes (TOTAL)	(ug/L)	*400*	**2,000**	*1,394*	280	188 J	78.2 J	4.48 J	5.08 J	4.3 J	<1.5	<1.50
m&p-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	NR	<1.0	<1.0
o-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	NR	<0.50	<0.50
Naphthalene	(ug/L)	*10*	**100**	<90	<90	*90 J*	54 J	<1.2	1.92 J	<2	<2.5	<2.5
MTBE	(ug/L)	*12*	**60**	<26	<26	<35	<10	<0.49	<0.49	<0.47	<0.17	<0.17
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	*96*	**480**	*1,142*	*294*	*319*	39	14.2	6.5	18.74	<1.0	<0.50
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	880	224	238	39 J	8.8	6.5	17	<0.50	<0.50
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	262	70	81	<30	5.4	<0.73	1.74 J	<0.50	<0.50
Tetrachloroethene (PCE)	(ug/L)	*0.5*	**5**	<26	<26	<25	<8.4	--	--	--	<0.50	<0.50
Trichloroethene (TCE)	(ug/L)	*0.5*	**5**	<22	<22	<23.5	<7.8	--	--	--	<0.33	*0.53 J*
cis-1,2-Dichloroethene	(ug/L)	*7*	**70**	<34	<34	<22	<13.6	--	--	--	2.0	2.3
trans-1,2-Dichloroethene	(ug/L)	*20*	**100**	<47.5	<47.5	<30.5	<12.2	--	--	--	<0.26	<0.26
Vinyl Chloride	(ug/L)	*0.02*	**0.2**	<10	<10	<10	<4	--	--	--	<0.18	<0.18
Methylene Chloride	(ug/L)	*0.5*	**5**	<34.5	<34.5	<49.5	<30	--	--	--	<0.23	<0.23
Bromobenzene	(ug/L)	NS	NS	<18	<18	<22	<8.6	--	--	--	<0.23	<0.23
Bromochloromethane	(ug/L)	NS	NS	NR	NR	NR	NR	--	--	--	<0.34	<0.34
Bromodichloromethane	(ug/L)	*0.06*	**0.6**	<25	<25	<15	<8.2	--	--	--	<0.50	<0.50
Bromoform	(ug/L)	*0.44*	**4.4**	<19	<19	<35	<9.2	--	--	--	<0.50	<0.50
Bromomethane	(ug/L)	*1*	**10**	NR	NR	NR	NR	--	--	--	<2.4	<2.4
n-Butylbenzene	(ug/L)	NS	NS	<26	<26	<27.5	<30	--	--	--	<0.50	<0.50
sec-Butylbenzene	(ug/L)	NS	NS	<18	<18	<36.5	<8.6	--	--		<2.2	<2.2
tert-Butylbenzene	(ug/L)	NS	NS	<17	<17	<16	<9.2	--	--	--	<0.18	<0.18
Carbon Tetrachloride	(ug/L)	*0.5*	**5**	<23	<23	<15	<8.6	--	--	--	<0.50	<0.50
Chlorobenzene	(ug/L)	NS	NS	<15.5	<15.5	<19.5	<7.8	--	--	--	<0.50	<0.50
Chloroethane	(ug/L)	*80*	**400**	<23.5	<23.5	<48.5	<30	--	--	--	<0.37	<0.37
Chloroform	(ug/L)	*0.6*	**6**	<24	<24	<23.5	<9.6	--	--	--	<2.5	<2.5
Chloromethane	(ug/L)	3	**30**	<50	<50	<25	<10	--	--	--	<0.50	<0.50
2-Chlorotoluene	(ug/L)	NS	NS	<24.5	<24.5	<20.5	<7.4	--	--	--	<0.50	<0.50
4-Chlorotoluene	(ug/L)	NS	NS	<19	<19	<15	<12.6	--	--	--	<0.21	<0.21
1,2-Dibromo-3-chloropropane	(ug/L)	*0.02*	**0.2**	<70	<70	<85	<40	--	--	--	<2.2	<2.2
Dibromochloromethane	(ug/L)	*6*	**60**	<16	<16	<20	<15.2	--	--	--	<0.50	<0.50
1,2-Dibromoethane (EDB)	(ug/L)	*0.005*	**0.05**	<24.5	<24.5	<38	<10.4	--	--	--	<0.18	<0.18
Dibromomethane	(ug/L)	NS	NS	NR	NR	NR	NR	--	--	--	<0.43	<0.43
1,2-Dichlorobenzene	(ug/L)	*60*	**600**	<17.5	<17.5	<44	<13.2	--	--	--	<0.50	<0.50
1,3-Dichlorobenzene	(ug/L)	*120*	**600**	<15	<15	<33.5	<6.8	--	--	--	<0.50	<0.50
1,4-Dichlorobenzene	(ug/L)	*15*	**75**	<16.5	<16.5	<37	<15.4	--	--	--	<0.50	<0.50
Dichlorodifluoromethane	(ug/L)	*200*	**1,000**	<23	<23	<38	<9	--	--	--	<0.22	<0.22
1,1-Dichloroethane	(ug/L)	*85*	**850**	<28	<28	<29.5	<8.8	--	--	--	<0.24	<0.24
1,2-Dichloroethane	(ug/L)	*0.5*	**5**	<22.5	<22.5	<20.5	<8.6	--	--	--	<0.17	<0.17
1,1-Dichloroethene	(ug/L)	*0.7*	**7**	<32	<32	<25	<9.4	--	--	--	<0.41	<0.41
1,2-Dichloropropane	(ug/L)	*0.5*	**5**	<23.5	<23.5	<13.5	<5.2	--	--	--	<0.23	<0.23
1,3-Dichloropropane	(ug/L)	NS	NS	<19.5	<19.5	<20	<9.8	--	--	--	<0.50	<0.50
2,2-Dichloropropane	(ug/L)	NS	NS	<49	<49	<26.5	<17.8	--	--	--	<0.48	<0.48
1,1-Dichloropropene	(ug/L)	NS	NS	NR	NR	NR	NR	--	--	--	<0.44	<0.44
cis-1,3-Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	NR	NR	--	--	--	<0.50	<0.50
trans-1,3Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	NR	NR	--	--	--	<0.23	<0.23
Diisopropyl ether	(ug/L)	NS	NS	<65	<65	<18.5	<6.4	--	--	--	<0.50	<0.50
Hexachloro-1,3-butadiene	(ug/L)	NS	NS	<75	<75	<85	<30	--	--	--	<2.1	<2.1
Isopropylbenzene	(ug/L)	NS	NS	60 "J"	<24	<30	<7.8	--	--	--	<0.14	<0.14
p-Isopropyltoluene	(ug/L)	NS	NS	<17.5	<17.5	<38.5	<11.4	--	--	--	<0.50	<0.50
n-Propylbenzene	(ug/L)	NS	NS	94	44 "J"	64 "J"	<6.6	--	--	--	<0.50	<0.50
Styrene	(ug/L)	*10*	**100**	NR	NR	NR	NR	--	--	--	<0.50	<0.50
1,1,1,2-Tetrachloroethane	(ug/L)	*7*	**70**	<32.5	<32.5	<16	<10.8	--	--	--	<0.18	<0.18
1,1,2,2-Tetrachloroethane	(ug/L)	*0.02*	**0.2**	<37.5	<37.5	<25	<11	--	--	--	<0.25	<0.25
1,2,3-Trichlorobenzene	(ug/L)	NS	NS	<80	<80	<80	<32	--	--	--	<2.1	<2.1
1,2,4-Trichlorobenzene	(ug/L)	*14*	**70**	<75	<75	<55	<42	--	--	--	<2.2	<2.2
1,1,1-Trichlorethane	(ug/L)	*40*	**200**	<25	<25	<14	<9.2	--	--	--	<0.50	<0.50
1,1,2-Trichlorethane	(ug/L)	*0.5*	**5**	<25	<25	<19.5	<8.2	--	--	--	<0.20	<0.20
Trichlorofluoromethane	(ug/L)	NS	NS	<30.5	<30.5	<40.5	<14.4	--	--	--	<0.18	<0.18
1,2,3-Trichloropropane	(ug/L)	*12*	**60**	NR	NR	NR	NR	--	--	--	<0.50	<0.50

Notes:
NS = No standard established
-- = Not analyzed for parameter
NR = Not Reported

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
BOLD indicates exceedance of NR 140.10 Enforcement Standard

A.1.I
Groundwater Analytical Table - VOC
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	SMW-9						
Date				09/25/07	12/06/07	09/09/08	08/18/09	01/10/12	09/30/15	04/26/16
Groundwater Elevation				678.95	678.85	679.39	678.60	679.08	680.47	680.35
Benzene	(ug/L)	*0.5*	**5**	<23.5	<235	<120	<82	*42 J*	<500	<100
Ethylbenzene	(ug/L)	*140*	**700**	*279*	<190	<175	*226 J*	64 J	<500	*179 J*
Toluene	(ug/L)	*160*	**800**	<23	<230	<195	<102	92	<500	<100
Xylenes (TOTAL)	(ug/L)	*400*	**2,000**	90 J	<485	<835	<426	<55	<1,500	<300
m&p-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	<1,000	<200
o-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	<500	<100
Naphthalene	(ug/L)	*10*	**100**	<90	<900	<900	<340	<105	<2,500	<500
MTBE	(ug/L)	*12*	**60**	<26	<260	<350	<100	<40	<174	<34.8
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	*96*	**480**	*403*	<785	<335	<520	<40	<1,000	<200
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	147 J	<600	<225	<220	<40	<500	<100
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	256	<185	<115	<300	<37	<500	<100
Tetrachloroethene (PCE)	(ug/L)	*0.5*	**5**	*39,800*	*28,800*	*44,000*	*162,000*	*23,000*	*81,800*	*14,100*
Trichloroethene (TCE)	(ug/L)	*0.5*	**5**	*8,100*	*6,200*	*4,000*	*5,000*	*2,860*	*1,190*	*1,710*
cis-1,2-Dichloroethene	(ug/L)	*7*	**70**	*6,000*	*7,900*	*6,500*	*7,700*	*6,100*	*1,480*	*47,000*
trans-1,2-Dichloroethene	(ug/L)	*20*	**100**	*175*	<475	<305	*218 J*	*297*	<257	*180 J*
Vinyl Chloride	(ug/L)	*0.02*	**0.2**	*58*	*255 J*	*185 J*	*258*	*146*	<176	*2,110*
Methylene Chloride	(ug/L)	*0.5*	**5**	<34.5	<345	<495	<300	<55	<233	<46.5
Bromobenzene	(ug/L)	NS	NS	<18	<180	<220	<86	<37	<230	<46.0
Bromochloromethane	(ug/L)	NS	NS	NR	NR	NR	NR	NR	<340	<68.1
Bromodichloromethane	(ug/L)	*0.06*	**0.6**	<25	<250	<150	<82	<34	<500	<100
Bromoform	(ug/L)	*0.44*	**4.4**	<19	<190	<350	<92	<21.5	<500	<100
Bromomethane	(ug/L)	*1*	**10**	NR	NR	NR	NR	NR	<2,430	<487
n-Butylbenzene	(ug/L)	NS	NS	34 J	<260	<275	<300	<45	<500	<100
sec-Butylbenzene	(ug/L)	NS	NS	<18	<180	<365	<86	<50	<2,190	<437
tert-Butylbenzene	(ug/L)	NS	NS	<17	<170	<160	<92	<35.5	<180	<36.1
Carbon Tetrachloride	(ug/L)	*0.5*	**5**	<23	<230	<150	<86	<23.5	<500	<100
Chlorobenzene	(ug/L)	NS	NS	<15.5	<155	<195	<78	<25.5	<500	<100
Chloroethane	(ug/L)	*80*	**400**	<23.5	<235	<485	<300	<70	<375	<74.9
Chloroform	(ug/L)	*0.6*	**6**	<24	<240	<235	<96	<24.5	<2,500	<500
Chloromethane	(ug/L)	3	**30**	<50	<500	<250	<100	<95	<500	<100
2-Chlorotoluene	(ug/L)	NS	NS	<24.5	<245	<205	<74	<35	<500	<100
4-Chlorotoluene	(ug/L)	NS	NS	<19	<190	<150	<126	<22	<214	<42.7
1,2-Dibromo-3-chloropropane	(ug/L)	*0.02*	**0.2**	<70	<700	<850	<400	<140	<2,160	<433
Dibromochloromethane	(ug/L)	*6*	**60**	<16	<160	<200	<152	<27.5	<500	<100
1,2-Dibromoethane (EDB)	(ug/L)	*0.005*	**0.05**	<24.5	<245	<380	<104	<31.5	<178	<35.6
Dibromomethane	(ug/L)	NS	NS	NR	NR	NR	NR	NR	<427	<85.3
1,2-Dichlorobenzene	(ug/L)	*60*	**600**	<17.5	<175	<440	<132	<38	<500	<100
1,3-Dichlorobenzene	(ug/L)	*120*	**600**	<15	<150	<35	<68	<43.5	<500	<100
1,4-Dichlorobenzene	(ug/L)	*15*	**75**	<16.5	<165	<370	<154	<49	<500	<100
Dichlorodifluoromethane	(ug/L)	*200*	**1,000**	<23	<230	<380	<90	<90	<224	<44.8
1,1-Dichloroethane	(ug/L)	*85*	**850**	<28	<280	<295	<88	<49	<242	<48.3
1,2-Dichloroethane	(ug/L)	*0.5*	**5**	<22.5	<225	<205	<86	<25	<168	<33.6
1,1-Dichloroethene	(ug/L)	*0.7*	**7**	<32	<320	<250	<94	<30	<410	*352*
1,2-Dichloropropane	(ug/L)	*0.5*	**5**	<23.5	<235	<135	<52	<20	<233	<46.6
1,3-Dichloropropane	(ug/L)	NS	NS	<19.5	<195	<200	<98	<35.5	<500	<100
2,2-Dichloropropane	(ug/L)	NS	NS	<49	<490	<265	<178	<95	<484	<96.8
1,1-Dichloropropene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	<441	<88.2
cis-1,3-Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	NR	NR	NR	<500	<100
trans-1,3Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	NR	NR	NR	<230	<45.9
Diisopropyl ether	(ug/L)	NS	NS	<65	<650	<185	<64	<34.5	<500	<100
Hexachloro-1,3-butadiene	(ug/L)	NS	NS	<75	<750	<850	<300	<110	<2,110	<421
Isopropylbenzene	(ug/L)	NS	NS	100	<240	<300	<78	<46	<143	<28.7
p-Isopropyltoluene	(ug/L)	NS	NS	<17.5	<175	<385	<114	<46	<500	<100
n-Propylbenzene	(ug/L)	NS	NS	306	195 J	<270	132 J	52 J	<500	102 J
Styrene	(ug/L)	*10*	**100**	NR	NR	NR	NR	NR	<500	<100
1,1,1,2-Tetrachloroethane	(ug/L)	*7*	**70**	<32.5	<325	<160	<108	<50	<181	<36.1
1,1,2,2-Tetrachloroethane	(ug/L)	*0.02*	**0.2**	<37.5	<375	<250	<110	<26.5	<249	<49.9
1,2,3-Trichlorobenzene	(ug/L)	NS	NS	<80	<800	<800	<320	<65	<2,130	<427
1,2,4-Trichlorobenzene	(ug/L)	*14*	**70**	<75	<750	<550	<420	<75	<2,210	<442
1,1,1-Trichlorethane	(ug/L)	*40*	**200**	<25	<250	<140	<92	<42.5	<500	<100
1,1,2-Trichlorethane	(ug/L)	*0.5*	**5**	<25	<250	<195	<82	<23.5	<197	<39.5
Trichlorofluoromethane	(ug/L)	NS	NS	<30.5	<305	<405	<144	<85	<185	<37.0
1,2,3-Trichloropropane	(ug/L)	*12*	**60**	NR	NR	NR	NR	NR	<500	<100

Notes:
NS = No standard established
-- = Not analyzed for parameter
NR = Not Reported

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
BOLD indicates exceedance of NR 140.10 Enforcement Standard

A.1.I
Groundwater Analytical Table - VOC
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	SMW-10						
Date				09/09/08	08/18/09	07/01/10	10/29/10	01/10/12	09/30/15	04/26/16
Groundwater Elevation				678.23	677.94	680.07	677.51	678.29	678.27	679.57
Benzene	(ug/L)	*0.5*	**5**	*24.5 J*	<20.5	<4	*6.1*	*3.6*	<5.0	<1.0
Ethylbenzene	(ug/L)	*140*	**700**	*2,470*	105 J	12 J	*296*	*390*	*326*	19.2
Toluene	(ug/L)	*160*	**800**	*1,140*	53 J	37	65	120	65.5	67.0
Xylenes (TOTAL)	(ug/L)	*400*	**2,000**	*8,730*	*699*	90	*770*	*1,237*	*795*	336
m&p-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	688	216
o-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	107	120
Naphthalene	(ug/L)	*10*	**100**	*312*	<85	<12	*61*	*107*	*54.2*	<5.0
MTBE	(ug/L)	*12*	**60**	<35	<25	<4.9	<0.49	<0.47	<1.7	<0.35
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	*96*	**480**	*2,350*	*354*	43.9	*427*	*621*	*486.7*	*226.7*
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	1,880	270	27.2	370	490	454	175
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	470	84 J	16.7 J	57	131	32.7	51.7
Tetrachloroethene (PCE)	(ug/L)	*0.5*	**5**	7,700	440	--	--	--	**583**	*1.0 J*
Trichloroethene (TCE)	(ug/L)	*0.5*	**5**	139	<19.5	--	--	--	**363**	**75.7**
cis-1,2-Dichloroethene	(ug/L)	*7*	**70**	<22	<34	--	--	--	**777**	*162*
trans-1,2-Dichloroethene	(ug/L)	*20*	**100**	<30.5	<30.5	--	--	--	14.2	<0.51
Vinyl Chloride	(ug/L)	*0.02*	**0.2**	<10	<10	--	--	--	*37.5*	*2.9*
Methylene Chloride	(ug/L)	*0.5*	**5**	<49.5	<75	--	--	--	<2.3	<0.47
Bromobenzene	(ug/L)	NS	NS	<22	<21.5	--	--	--	<2.3	<0.68
Bromochloromethane	(ug/L)	NS	NS	NR	NR	--	--	--	<3.4	<1.0
Bromodichloromethane	(ug/L)	*0.06*	**0.6**	<15	<20.5	--	--	--	<5.0	<1.0
Bromoform	(ug/L)	*0.44*	**4.4**	<35	<23	--	--	--	<5.0	<1.0
Bromomethane	(ug/L)	*1*	**10**	NR	NR	--	--	--	<24.3	<4.9
n-Butylbenzene	(ug/L)	NS	NS	66 J	<75	--	--	--	6.1 J	<1.0
sec-Butylbenzene	(ug/L)	NS	NS	<36.5	<21.5	--	--	--	<21.9	<4.4
tert-Butylbenzene	(ug/L)	NS	NS	<16	<23	--	--	--	<1.8	<0.36
Carbon Tetrachloride	(ug/L)	*0.5*	**5**	<15	<21	--	--	--	<5.0	<1.0
Chlorobenzene	(ug/L)	NS	NS	<19.5	<19.5	--	--	--	<5.0	<1.0
Chloroethane	(ug/L)	*80*	**400**	<48.5	<75	--	--	--	<3.7	<0.75
Chloroform	(ug/L)	*0.6*	**6**	<23.5	<24	--	--	--	<25.0	<5.0
Chloromethane	(ug/L)	3	**30**	<25	<25	--	--	--	<5.0	<1.0
2-Chlorotoluene	(ug/L)	NS	NS	<20.5	<18.5	--	--	--	<5.0	<1.0
4-Chlorotoluene	(ug/L)	NS	NS	<15	<31.5	--	--	--	<2.1	<0.43
1,2-Dibromo-3-chloropropane	(ug/L)	*0.02*	**0.2**	<85	<100	--	--	--	<21.6	<4.3
Dibromochloromethane	(ug/L)	*6*	**60**	<20	<38	--	--	--	<5.0	<1.0
1,2-Dibromoethane (EDB)	(ug/L)	*0.005*	**0.05**	<38	<26	--	--	--	<1.8	<0.36
Dibromomethane	(ug/L)	NS	NS	NR	NR	--	--	--	<4.3	<0.85
1,2-Dichlorobenzene	(ug/L)	*60*	**600**	<44	<33	--	--	--	<0.50	<1.0
1,3-Dichlorobenzene	(ug/L)	*120*	**600**	<33.5	<17	--	--	--	<5.0	<1.0
1,4-Dichlorobenzene	(ug/L)	*15*	**75**	<37	<38.5	--	--	--	<5.0	<1.0
Dichlorodifluoromethane	(ug/L)	*200*	**1,000**	<38	<22.5	--	--	--	<2.2	<0.45
1,1-Dichloroethane	(ug/L)	*85*	**850**	<29.5	<22	--	--	--	<2.4	<0.48
1,2-Dichloroethane	(ug/L)	*0.5*	**5**	<20.5	<21.5	--	--	--	<1.7	<0.34
1,1-Dichloroethene	(ug/L)	*0.7*	**7**	<25	<23.5	--	--	--	<4.1	<0.82
1,2-Dichloropropane	(ug/L)	*0.5*	**5**	<13.5	<13	--	--	--	<2.3	<0.47
1,3-Dichloropropane	(ug/L)	NS	NS	<20	<24.5	--	--	--	<5.0	<1.0
2,2-Dichloropropane	(ug/L)	NS	NS	<26.5	<44.5	--	--	--	<4.8	<0.97
1,1-Dichloropropene	(ug/L)	NS	NS	NR	NR	--	--	--	<4.4	<0.88
cis-1,3-Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	--	--	--	<5.0	<1.0
trans-1,3Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	--	--	--	<2.3	<0.46
Diisopropyl ether	(ug/L)	NS	NS	<18.5	<16	--	--	--	<5.0	<1.0
Hexachloro-1,3-butadiene	(ug/L)	NS	NS	<85	<75	--	--	--	<21.1	<4.2
Isopropylbenzene	(ug/L)	NS	NS	130	20 J	--	--	--	18.8	1.5 J
p-Isopropyltoluene	(ug/L)	NS	NS	<38.5	<28.5	--	--	--	<5.0	3.2
n-Propylbenzene	(ug/L)	NS	NS	360	40 J	--	--	--	40.9	1.7 J
Styrene	(ug/L)	*10*	**100**	NR	NR	--	--	--	<5.0	<1.0
1,1,1,2-Tetrachloroethane	(ug/L)	*7*	**70**	<16	<27	--	--	--	<1.8	<0.36
1,1,2,2-Tetrachloroethane	(ug/L)	*0.02*	**0.2**	<25	<27.5	--	--	--	<2.5	<0.50
1,2,3-Trichlorobenzene	(ug/L)	NS	NS	<80	<80	--	--	--	<21.3	<4.3
1,2,4-Trichlorobenzene	(ug/L)	*14*	**70**	<55	<105	--	--	--	<22.1	<4.4
1,1,1-Trichlorethane	(ug/L)	*40*	**200**	<14	<23	--	--	--	<5.0	<1.0
1,1,2-Trichlorethane	(ug/L)	*0.5*	**5**	<19.5	<20.5	--	--	--	<2.0	<0.39
Trichlorofluoromethane	(ug/L)	NS	NS	<40.5	<36	--	--	--	<1.8	<0.37
1,2,3-Trichloropropane	(ug/L)	*12*	**60**	NR	NR	--	--	--	<5.0	<1.0

Notes:
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-- = Not analyzed for parameter
NR = Not Reported

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
BOLD indicates exceedance of NR 140.10 Enforcement Standard

A.1.I
Groundwater Analytical Table - VOC
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	SMW-11				SMW-12			
Date				09/09/08	08/18/09	09/30/15	04/26/16	09/09/08	08/18/09	09/30/15	04/26/16
Groundwater Elevation				678.76	678.13	678.46	679.44	678.64	677.78	678.38	679.04
Benzene	(ug/L)	*0.5*	**5**	<4.8	<8.2	<0.50	<1.2	<0.24	<0.41	<0.50	<0.50
Ethylbenzene	(ug/L)	*140*	**700**	<7	<17.4	<0.50	<1.2	<0.35	<0.87	<0.50	<0.50
Toluene	(ug/L)	*160*	**800**	<7.8	<10.2	<0.50	<1.2	<0.39	<0.51	<0.50	<0.50
Xylenes (TOTAL)	(ug/L)	*400*	**2,000**	<33.4	<42.6	<1.5	<3.7	<1.67	<2.13	<1.5	<1.50
m&p-Xylene	(ug/L)	NS	NS	NR	NR	<1.0	<2.5	NR	NR	<1.0	<1.0
o-Xylene	(ug/L)	NS	NS	NR	NR	<0.50	<1.2	NR	NR	<0.50	<0.50
Naphthalene	(ug/L)	*10*	**100**	<36	<34	<2.5	<6.2	<1.8	<1.7	<2.5	<2.5
MTBE	(ug/L)	*12*	**60**	<14	<10	<0.17	<0.44	<0.7	<0.5	<0.17	<0.17
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	*96*	**480**	10.6	<52	<1.0	<2.4	<0.74	<2.6	<1.0	<0.50
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	10.6 J	<22	<0.50	<1.2	<0.51	<1.1	<0.50	<0.50
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	<4.6	<30	<0.50	<1.2	<0.23	<1.5	<0.50	<0.50
Tetrachloroethene (PCE)	(ug/L)	*0.5*	**5**	*266*	*205*	*268*	<1.2	*0.75 J*	<0.42	<0.50	<0.50
Trichloroethene (TCE)	(ug/L)	*0.5*	**5**	*220*	*133*	*96.8*	<0.83	<0.47	<0.39	<0.33	<0.33
cis-1,2-Dichloroethene	(ug/L)	*7*	**70**	*90*	*57*	*63.6*	*126*	<0.44	<0.68	1.9	<0.26
trans-1,2-Dichloroethene	(ug/L)	*20*	**100**	<12.2	<12.2	<0.26	7.1	<0.61	<0.61	<0.26	<0.26
Vinyl Chloride	(ug/L)	*0.02*	**0.2**	<4	<4	*77.0*	*19.1*	*0.59 J*	*1.2*	*5.8*	<0.18
Methylene Chloride	(ug/L)	*0.5*	**5**	<19.8	<30	<0.23	<0.58	<0.99	<1.5	<0.23	<0.23
Bromobenzene	(ug/L)	NS	NS	<8.8	<8.6	<0.23	<0.58	<0.44	<0.43	<0.23	<0.23
Bromochloromethane	(ug/L)	NS	NS	NR	NR	<0.34	<0.85	NR	NR	<0.34	<0.34
Bromodichloromethane	(ug/L)	*0.06*	**0.6**	<6	<8.2	<0.50	<1.2	<0.3	<0.41	<0.50	<0.50
Bromoform	(ug/L)	*0.44*	**4.4**	<14	<9.2	<0.50	<1.2	<0.7	<0.46	<0.50	<0.50
Bromomethane	(ug/L)	*1*	**10**	NR	NR	<2.4	<6.1	NR	NR	<2.4	<2.4
n-Butylbenzene	(ug/L)	NS	NS	<11	<30	<0.50	<1.2	<0.55	<1.5	<0.50	<0.50
sec-Butylbenzene	(ug/L)	NS	NS	<14.6	<8.6	<2.2	<5.5	<0.73	<0.43	<2.2	<2.2
tert-Butylbenzene	(ug/L)	NS	NS	<6.4	<9.2	<0.18	<0.45	<0.32	<0.46	<0.18	<0.18
Carbon Tetrachloride	(ug/L)	*0.5*	**5**	<6	<8.6	<0.50	<1.2	<0.3	<0.43	<0.50	<0.50
Chlorobenzene	(ug/L)	NS	NS	<7.8	<7.8	<0.50	<1.2	<0.39	<0.39	<0.50	<0.50
Chloroethane	(ug/L)	*80*	**400**	<19.4	<30	<0.37	<0.94	<0.97	<1.5	<0.37	<0.37
Chloroform	(ug/L)	*0.6*	**6**	<9.4	<9.6	<2.5	<6.2	<0.47	<0.48	<2.5	<2.5
Chloromethane	(ug/L)	3	**30**	<10	<10	<0.50	<1.2	<0.5	<0.5	<0.50	<0.50
2-Chlorotoluene	(ug/L)	NS	NS	<8.2	<7.4	<0.50	<1.2	<0.41	<0.37	<0.50	<0.50
4-Chlorotoluene	(ug/L)	NS	NS	<6	<12.6	<0.21	<0.53	<0.3	<0.63	<0.21	<0.21
1,2-Dibromo-3-chloropropane	(ug/L)	*0.02*	**0.2**	<34	<40	<2.2	<5.4	<1.7	<2	<2.2	<2.2
Dibromochloromethane	(ug/L)	*6*	**60**	<8	<15.2	<0.50	<1.2	<0.4	<0.76	<0.50	<0.50
1,2-Dibromoethane (EDB)	(ug/L)	*0.005*	**0.05**	<15.2	<10.4	<0.18	<0.44	<0.76	<0.52	<0.18	<0.18
Dibromomethane	(ug/L)	NS	NS	NR	NR	<0.43	<1.1	NR	NR	<0.43	<0.43
1,2-Dichlorobenzene	(ug/L)	*60*	**600**	<17.6	<13.2	<0.50	<1.2	<0.88	<0.66	<0.50	<0.50
1,3-Dichlorobenzene	(ug/L)	*120*	**600**	<13.4	<6.8	<0.50	<1.2	<0.67	<0.34	<0.50	<0.50
1,4-Dichlorobenzene	(ug/L)	*15*	**75**	<14.8	<15.4	<0.50	<1.2	<0.74	<0.77	<0.50	<0.50
Dichlorodifluoromethane	(ug/L)	*200*	**1,000**	<15.2	<9	<0.22	<0.56	<0.76	<0.45	<0.22	<0.22
1,1-Dichloroethane	(ug/L)	*85*	**850**	<11.8	<8.8	<0.24	<0.60	<0.59	<0.44	<0.24	<0.24
1,2-Dichloroethane	(ug/L)	*0.5*	**5**	<8.2	<8.6	<0.17	<0.42	<0.41	<0.43	<0.17	<0.17
1,1-Dichloroethene	(ug/L)	*0.7*	**7**	<10	<9.4	<0.41	<1.0	<0.5	<0.47	<0.41	<0.41
1,2-Dichloropropane	(ug/L)	*0.5*	**5**	<5.4	<5.2	<0.23	<0.58	<0.27	<0.26	<0.23	<0.23
1,3-Dichloropropane	(ug/L)	NS	NS	<8	<9.8	<0.50	<1.2	<0.4	<0.49	<0.50	<0.50
2,2-Dichloropropane	(ug/L)	NS	NS	<10.6	<17.8	<0.48	<1.2	<0.53	<0.89	<0.48	<0.48
1,1-Dichloropropene	(ug/L)	NS	NS	NR	NR	<0.44	<1.1	NR	NR	<0.44	<0.44
cis-1,3-Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	<0.50	<1.2	NR	NR	<0.50	<0.50
trans-1,3Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	<0.23	<0.57	NR	NR	<0.23	<0.23
Diisopropyl ether	(ug/L)	NS	NS	<7.4	<6.4	<0.50	<1.2	<0.37	<0.32	<0.50	<0.50
Hexachloro-1,3-butadiene	(ug/L)	NS	NS	<34	<30	<2.1	<5.3	<1.7	<1.5	<2.1	<2.1
Isopropylbenzene	(ug/L)	NS	NS	<12	<7.8	<0.14	<0.36	<0.6	<0.39	<0.14	<0.14
p-Isopropyltoluene	(ug/L)	NS	NS	<15.4	<11.4	<0.50	<1.2	<0.77	<0.57	<0.50	<0.50
n-Propylbenzene	(ug/L)	NS	NS	<10.8	<6.6	<0.50	<1.2	<0.54	<0.33	<0.50	<0.50
Styrene	(ug/L)	*10*	**100**	NR	NR	<0.50	<1.2	NR	NR	<0.50	<0.50
1,1,1,2-Tetrachloroethane	(ug/L)	*7*	**70**	<6.4	<10.8	<0.18	<0.45	<0.32	<0.54	<0.18	<0.18
1,1,2,2-Tetrachloroethane	(ug/L)	*0.02*	**0.2**	<10	<11	<0.25	<0.62	<0.5	<0.55	<0.25	<0.25
1,2,3-Trichlorobenzene	(ug/L)	NS	NS	<32	<32	<2.1	<5.3	<1.6	<1.6	<2.1	<2.1
1,2,4-Trichlorobenzene	(ug/L)	*14*	**70**	<22	<42	<2.2	<5.5	<1.1	<2.1	<2.2	<2.2
1,1,1-Trichlorethane	(ug/L)	*40*	**200**	<5.6	<9.2	<0.50	<1.2	<0.28	<0.46	<0.50	<0.50
1,1,2-Trichlorethane	(ug/L)	*0.5*	**5**	<7.8	<8.2	<0.20	<0.49	<0.39	<0.41	<0.20	<0.20
Trichlorofluoromethane	(ug/L)	NS	NS	<16.2	<14.4	<0.18	<0.46	<0.81	<0.72	<0.18	<0.18
1,2,3-Trichloropropane	(ug/L)	*12*	**60**	NR	NR	<0.50	<1.2	NR	NR	<0.50	<0.50

Notes:
NS = No standard established
-- = Not analyzed for parameter
NR = Not Reported

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
BOLD indicates exceedance of NR 140.10 Enforcement Standard

A.1.I
Groundwater Analytical Table - VOC
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	SMW-13				SMW-14		
Date				08/18/09	01/10/12	09/30/15	04/25/16	08/18/09	09/30/15	04/26/16
Groundwater Elevation				677.63	678.08	678.04	679.00	677.27	677.48	678.56
Benzene	(ug/L)	*0.5*	**5**	<0.41	<0.5	<0.50	<0.50	<2.05	<0.50	<1.0
Ethylbenzene	(ug/L)	*140*	**700**	<0.87	<0.78	<0.50	<0.50	<4.35	<0.50	<1.0
Toluene	(ug/L)	*160*	**800**	<0.51	<0.53	<0.50	<0.50	<2.55	<0.50	<1.0
Xylenes (TOTAL)	(ug/L)	*400*	**2,000**	<2.13	<1.1	<1.5	<1.50	<10.65	<1.5	<3.0
m&p-Xylene	(ug/L)	NS	NS	NR	NR	<1.0	<1.0	NR	<1.0	<2.0
o-Xylene	(ug/L)	NS	NS	NR	NR	<0.50	<0.50	NR	<0.50	<1.0
Naphthalene	(ug/L)	*10*	**100**	<1.7	<2.1	<2.5	<2.5	<8.5	<2.5	<5.0
MTBE	(ug/L)	*12*	**60**	<0.5	<0.8	<0.17	<0.17	<2.5	<0.17	<0.35
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	*96*	**480**	<2.6	<0.8	<1.0	<0.50	<13	<1.0	<2.0
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	<1.1	<0.8	<0.50	<0.50	<5.5	<0.50	<1.0
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	<1.5	<0.74	<0.50	<0.50	<7.5	<0.50	<1.0
Tetrachloroethene (PCE)	(ug/L)	*0.5*	**5**	<0.42	<0.44	<0.50	<0.50	<2.1	<0.50	<1.0
Trichloroethene (TCE)	(ug/L)	*0.5*	**5**	<0.39	<0.47	<0.33	<0.33	<1.95	<0.33	<0.66
cis-1,2-Dichloroethene	(ug/L)	*7*	**70**	<0.68	<0.74	<0.26	<0.26	*151*	*652*	*282*
trans-1,2-Dichloroethene	(ug/L)	*20*	**100**	<0.61	<0.79	<0.26	<0.26	15.5	*35.4*	14.9
Vinyl Chloride	(ug/L)	*0.02*	**0.2**	<0.2	<0.18	<0.18	<0.18	*32*	*38.6*	*22.3*
Methylene Chloride	(ug/L)	*0.5*	**5**	<1.5	<1.1	<0.23	<0.23	<7.5	<0.23	<0.47
Bromobenzene	(ug/L)	NS	NS	<0.43	<0.74	<0.23	<0.23	<2.15	<0.23	<0.46
Bromochloromethane	(ug/L)	NS	NS	NR	NR	<0.34	<0.34	NR	<0.34	<0.68
Bromodichloromethane	(ug/L)	*0.06*	**0.6**	<0.41	<0.68	<0.50	<0.50	<2.05	<0.50	<1.0
Bromoform	(ug/L)	*0.44*	**4.4**	<0.46	<0.43	<0.50	<0.50	<2.3	<0.50	<1.0
Bromomethane	(ug/L)	*1*	**10**	NR	NR	<2.4	<2.4	NR	<2.4	<4.9
n-Butylbenzene	(ug/L)	NS	NS	<1.5	<0.9	<0.50	<0.50	<7.5	<0.50	<1.0
sec-Butylbenzene	(ug/L)	NS	NS	<0.43	<1	<2.2	<2.2	<2.15	<2.2	<4.4
tert-Butylbenzene	(ug/L)	NS	NS	<0.46	<0.71	<0.18	<0.18	<2.3	<0.18	<0.36
Carbon Tetrachloride	(ug/L)	*0.5*	**5**	<0.43	<0.47	<0.50	<0.50	<2.15	<0.50	<1.0
Chlorobenzene	(ug/L)	NS	NS	<0.39	<0.51	<0.50	<0.50	<1.95	<0.50	<1.0
Chloroethane	(ug/L)	*80*	**400**	<1.5	<1.4	<0.37	<0.37	<7.5	<0.37	<0.75
Chloroform	(ug/L)	*0.6*	**6**	<0.48	<0.49	<2.5	<2.5	<2.4	<2.5	<5.0
Chloromethane	(ug/L)	3	**30**	<0.5	<1.9	<0.50	<0.50	<2.5	<0.50	<1.0
2-Chlorotoluene	(ug/L)	NS	NS	<0.37	<0.7	<0.50	<0.50	<1.85	<0.50	<1.0
4-Chlorotoluene	(ug/L)	NS	NS	<0.63	<0.44	<0.21	<0.21	<3.15	<0.21	<0.43
1,2-Dibromo-3-chloropropane	(ug/L)	*0.02*	**0.2**	<2	<2.8	<2.2	<2.2	<10	<2.2	<4.3
Dibromochloromethane	(ug/L)	*6*	**60**	<0.76	<0.55	<0.50	<0.50	<3.8	<0.50	<1.0
1,2-Dibromoethane (EDB)	(ug/L)	*0.005*	**0.05**	<0.52	<0.63	<0.18	<0.18	<2.6	<0.18	<0.36
Dibromomethane	(ug/L)	NS	NS	NR	NR	<0.43	<0.43	NR	<0.43	<0.85
1,2-Dichlorobenzene	(ug/L)	*60*	**600**	<0.66	<0.76	<0.50	<0.50	<3.3	<0.50	<1.0
1,3-Dichlorobenzene	(ug/L)	*120*	**600**	<0.34	<0.87	<0.50	<0.50	<1.7	<0.50	<1.0
1,4-Dichlorobenzene	(ug/L)	*15*	**75**	<0.77	<0.98	<0.50	<0.50	<3.85	<0.50	<1.0
Dichlorodifluoromethane	(ug/L)	*200*	**1,000**	<0.45	<1.8	<0.22	<0.22	<2.25	<0.22	<0.45
1,1-Dichloroethane	(ug/L)	*85*	**850**	<0.44	<0.98	<0.24	<0.24	<2.2	<0.24	<0.48
1,2-Dichloroethane	(ug/L)	*0.5*	**5**	<0.43	<0.5	<0.17	<0.17	<2.15	0.49 J	<0.34
1,1-Dichloroethene	(ug/L)	*0.7*	**7**	<0.47	<0.6	<0.41	<0.41	<2.35	*2.6*	<0.82
1,2-Dichloropropane	(ug/L)	*0.5*	**5**	<0.26	<0.4	<0.23	<0.23	<1.3	<0.23	<0.47
1,3-Dichloropropane	(ug/L)	NS	NS	<0.49	<0.71	<0.50	<0.50	<2.45	<0.50	<1.0
2,2-Dichloropropane	(ug/L)	NS	NS	<0.89	<1.8	<0.48	<0.48	<4.45	<0.48	<0.97
1,1-Dichloropropene	(ug/L)	NS	NS	NR	NR	<0.44	<0.44	NR	<0.44	<0.88
cis-1,3-Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	<0.50	<0.50	NR	<0.50	<1.0
trans-1,3Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	<0.23	<0.23	NR	<0.23	<0.46
Diisopropyl ether	(ug/L)	NS	NS	<0.32	<0.69	<0.50	<0.50	<1.6	<0.50	<1.0
Hexachloro-1,3-butadiene	(ug/L)	NS	NS	<1.5	<2.2	<2.1	<2.1	<7.5	<2.1	<4.2
Isopropylbenzene	(ug/L)	NS	NS	<0.39	<0.92	<0.14	<0.14	<1.95	<0.14	<0.29
p-Isopropyltoluene	(ug/L)	NS	NS	<0.57	<0.92	<0.50	<0.50	<2.85	<0.50	<1.0
n-Propylbenzene	(ug/L)	NS	NS	<0.33	<0.59	<0.50	<0.50	<1.65	<0.50	<1.0
Styrene	(ug/L)	*10*	**100**	NR	NR	<0.50	<0.50	NR	<0.50	<1.0
1,1,1,2-Tetrachloroethane	(ug/L)	*7*	**70**	<0.54	<1	<0.18	<0.18	<2.7	<0.18	<0.36
1,1,2,2-Tetrachloroethane	(ug/L)	*0.02*	**0.2**	<0.55	<0.53	<0.25	<0.25	<2.75	<0.25	<0.50
1,2,3-Trichlorobenzene	(ug/L)	NS	NS	<1.6	<1.3	<2.1	<2.1	<8	<2.1	<4.3
1,2,4-Trichlorobenzene	(ug/L)	*14*	**70**	<2.1	<1.5	<2.2	<2.2	<10.5	<2.2	<4.4
1,1,1-Trichlorethane	(ug/L)	*40*	**200**	<0.46	<0.85	<0.50	<0.50	<2.3	<0.50	<1.0
1,1,2-Trichlorethane	(ug/L)	*0.5*	**5**	<0.41	<0.47	<0.20	<0.20	<2.05	<0.20	<0.39
Trichlorofluoromethane	(ug/L)	NS	NS	<0.72	<1.7	<0.18	<0.18	<3.6	<0.18	<0.37
1,2,3-Trichloropropane	(ug/L)	*12*	**60**	NR	NR	<0.50	<0.50	NR	<0.50	<1.0

Notes:
NS = No standard established
-- = Not analyzed for parameter
NR = Not Reported

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
BOLD indicates exceedance of NR 140.10 Enforcement Standard

A.1.I
Groundwater Analytical Table - VOC
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	PZ-1				
Date				12/06/07	09/09/08	08/18/09	09/30/15	04/26/16
Groundwater Elevation				678.96	679.89	668.34	679.68	680.16
Benzene	(ug/L)	*0.5*	**5**	<0.47	<0.24	<0.41	<0.50	<0.50
Ethylbenzene	(ug/L)	*140*	**700**	<0.38	<0.35	<0.87	<0.50	<0.50
Toluene	(ug/L)	*160*	**800**	<0.46	<0.39	<0.51	<0.50	<0.50
Xylenes (TOTAL)	(ug/L)	*400*	**2,000**	<0.99	<1.67	<2.13	<1.5	<1.50
m&p-Xylene	(ug/L)	NS	NS	NR	NR	NR	<1.0	<1.0
o-Xylene	(ug/L)	NS	NS	NR	NR	NR	<0.50	<0.50
Naphthalene	(ug/L)	*10*	**100**	<1.8	<1.8	<1.7	<2.5	<2.5
MTBE	(ug/L)	*12*	**60**	<0.52	<0.7	<0.5	<0.17	<0.17
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	*96*	**480**	<1.57	<0.74	<2.6	<1.0	<0.50
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	<1.2	<0.51	<1.1	<0.50	<0.50
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	<0.37	<0.23	<1.5	<0.50	<0.50
Tetrachloroethene (PCE)	(ug/L)	*0.5*	**5**	*1.12 J*	*37*	*4.3*	*2.9*	*1.7*
Trichloroethene (TCE)	(ug/L)	*0.5*	**5**	*0.56 J*	*1.81*	*0.96 J*	<0.33	<0.33
cis-1,2-Dichloroethene	(ug/L)	*7*	**70**	*8.3*	*9.5*	*7.7*	0.36 J	<0.26
trans-1,2-Dichloroethene	(ug/L)	*20*	**100**	<0.95	<0.61	<0.61	<0.26	<0.26
Vinyl Chloride	(ug/L)	*0.02*	**0.2**	*2.09*	<0.2	<0.2	<0.18	<0.18
Methylene Chloride	(ug/L)	*0.5*	**5**	<0.69	<0.99	<1.5	<0.23	<0.23
Bromobenzene	(ug/L)	NS	NS	<0.36	<0.44	<0.43	<0.23	<0.23
Bromochloromethane	(ug/L)	NS	NS	NR	NR	NR	<0.34	<0.34
Bromodichloromethane	(ug/L)	*0.06*	**0.6**	<0.5	<0.3	<0.41	<0.50	<0.50
Bromoform	(ug/L)	*0.44*	**4.4**	<0.38	<0.7	<0.46	<0.50	<0.50
Bromomethane	(ug/L)	*1*	**10**	NR	NR	NR	<2.4	<2.4
n-Butylbenzene	(ug/L)	NS	NS	<0.52	<0.55	<1.5	<0.50	<0.50
sec-Butylbenzene	(ug/L)	NS	NS	<0.36	<0.73	<0.43	<2.2	<2.2
tert-Butylbenzene	(ug/L)	NS	NS	<0.34	<0.32	<0.46	<0.18	<0.18
Carbon Tetrachloride	(ug/L)	*0.5*	**5**	<0.46	<0.3	<0.43	<0.50	<0.50
Chlorobenzene	(ug/L)	NS	NS	<0.31	<0.39	<0.39	<0.50	<0.50
Chloroethane	(ug/L)	*80*	**400**	<0.47	<0.97	<1.5	<0.37	<0.37
Chloroform	(ug/L)	*0.6*	**6**	<0.48	<0.47	<0.48	<2.5	<2.5
Chloromethane	(ug/L)	3	**30**	<1	<0.5	<0.5	<0.50	<0.50
2-Chlorotoluene	(ug/L)	NS	NS	<0.49	<0.41	<0.37	<0.50	<0.50
4-Chlorotoluene	(ug/L)	NS	NS	<0.38	<0.3	<0.63	<0.21	<0.21
1,2-Dibromo-3-chloropropane	(ug/L)	*0.02*	**0.2**	<1.4	<1.7	<2	<2.2	<2.2
Dibromochloromethane	(ug/L)	*6*	**60**	<0.32	<0.4	<0.76	<0.50	<0.50
1,2-Dibromoethane (EDB)	(ug/L)	*0.005*	**0.05**	<0.49	<0.76	<0.52	<0.18	<0.18
Dibromomethane	(ug/L)	NS	NS	NR	NR	NR	<0.43	<0.43
1,2-Dichlorobenzene	(ug/L)	*60*	**600**	<0.35	<0.88	<0.66	<0.50	<0.50
1,3-Dichlorobenzene	(ug/L)	*120*	**600**	<0.3	<0.67	<0.34	<0.50	<0.50
1,4-Dichlorobenzene	(ug/L)	*15*	**75**	<0.33	<0.74	<0.77	<0.50	<0.50
Dichlorodifluoromethane	(ug/L)	*200*	**1,000**	<0.46	<0.76	<0.45	<0.22	<0.22
1,1-Dichloroethane	(ug/L)	*85*	**850**	<0.56	<0.59	<0.44	<0.24	<0.24
1,2-Dichloroethane	(ug/L)	*0.5*	**5**	<0.45	<0.41	<0.43	<0.17	<0.17
1,1-Dichloroethene	(ug/L)	*0.7*	**7**	<0.64	<0.5	<0.47	<0.41	<0.41
1,2-Dichloropropane	(ug/L)	*0.5*	**5**	<0.47	<0.27	<0.26	<0.23	<0.23
1,3-Dichloropropane	(ug/L)	NS	NS	<0.39	<0.4	<0.49	<0.50	<0.50
2,2-Dichloropropane	(ug/L)	NS	NS	<0.98	<0.53	<0.89	<0.48	<0.48
1,1-Dichloropropene	(ug/L)	NS	NS	NR	NR	NR	<0.44	<0.44
cis-1,3-Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	NR	<0.50	<0.50
trans-1,3Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	NR	<0.23	<0.23
Diisopropyl ether	(ug/L)	NS	NS	<1.3	<0.37	<0.32	<0.50	<0.50
Hexachloro-1,3-butadiene	(ug/L)	NS	NS	<1.5	<1.7	<1.5	<2.1	<2.1
Isopropylbenzene	(ug/L)	NS	NS	<0.48	<0.6	<0.39	<0.14	<0.14
p-Isopropyltoluene	(ug/L)	NS	NS	<0.35	<0.77	<0.57	<0.50	<0.50
n-Propylbenzene	(ug/L)	NS	NS	<0.38	0.55 J	<0.33	<0.50	<0.50
Styrene	(ug/L)	*10*	**100**	NR	NR	NR	<0.50	<0.50
1,1,1,2-Tetrachloroethane	(ug/L)	*7*	**70**	<0.65	<0.32	<0.54	<0.18	<0.18
1,1,2,2-Tetrachloroethane	(ug/L)	*0.02*	**0.2**	<0.75	<0.5	<0.55	<0.25	<0.25
1,2,3-Trichlorobenzene	(ug/L)	NS	NS	<1.6	<1.6	<1.6	<2.1	<2.1
1,2,4-Trichlorobenzene	(ug/L)	*14*	**70**	<1.5	<1.1	<2.1	<2.2	<2.2
1,1,1-Trichlorethane	(ug/L)	*40*	**200**	<0.5	<0.28	<0.46	<0.50	<0.50
1,1,2-Trichlorethane	(ug/L)	*0.5*	**5**	<0.5	<0.39	<0.41	<0.20	<0.20
Trichlorofluoromethane	(ug/L)	NS	NS	<0.61	<0.81	<0.72	<0.18	<0.18
1,2,3-Trichloropropane	(ug/L)	*12*	**60**	NR	NR	NR	<0.50	<0.50

Notes:
NS = No standard established
-- = Not analyzed for parameter
NR = Not Reported

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
BOLD indicates exceedance of NR 140.10 Enforcement Standard

A.1.I
Groundwater Analytical Table - VOC
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	PZ-2					
Date				09/09/08	08/18/09	07/01/10	10/29/10	09/30/15	04/26/16
Groundwater Elevation				678.11	677.76	678.93	677.52	677.90	678.90
Benzene	(ug/L)	*0.5*	**5**	*2.56*	<2.05	<0.4	<0.4	<0.50	<0.50
Ethylbenzene	(ug/L)	*140*	**700**	<0.35	<4.35	<0.65	<0.65	<0.50	<0.50
Toluene	(ug/L)	*160*	**800**	<0.39	<2.55	<0.86	<0.86	<0.50	<0.50
Xylenes (TOTAL)	(ug/L)	*400*	**2,000**	<1.67	<10.65	<2.15	<2.15	<1.5	<1.50
m&p-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	<1.0	<1.0
o-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	<0.50	<0.50
Naphthalene	(ug/L)	*10*	**100**	<1.8	<8.5	<1.2	<1.2	<2.5	<2.5
MTBE	(ug/L)	*12*	**60**	<0.7	<2.5	<0.49	<0.49	<0.17	<0.17
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	*96*	**480**	<0.74	<13	<1.49	<1.49	<1.0	<0.50
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	<0.51	<5.5	<0.76	<0.76	<0.50	<0.50
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	<0.23	<7.5	<0.73	<0.73	<0.50	<0.50
Tetrachloroethene (PCE)	(ug/L)	*0.5*	**5**	<0.5	<2.1	--	--	<0.50	*4.7*
Trichloroethene (TCE)	(ug/L)	*0.5*	**5**	<0.47	<1.95	--	--	<0.33	<0.33
cis-1,2-Dichloroethene	(ug/L)	*7*	**70**	*148*	*79*	--	--	6.3	*8.4*
trans-1,2-Dichloroethene	(ug/L)	*20*	**100**	3.06	3.5 J	--	--	<0.26	0.87 J
Vinyl Chloride	(ug/L)	*0.02*	**0.2**	*116*	*15.5*	--	--	*2.6*	<0.18
Methylene Chloride	(ug/L)	*0.5*	**5**	<0.99	<7.5	--	--	<0.23	<0.23
Bromobenzene	(ug/L)	NS	NS	<0.44	<2.15	--	--	<0.23	<0.23
Bromochloromethane	(ug/L)	NS	NS	NR	NR	--	--	<0.34	<0.34
Bromodichloromethane	(ug/L)	*0.06*	**0.6**	<0.3	<2.05	--	--	<0.50	<0.50
Bromoform	(ug/L)	*0.44*	**4.4**	<0.7	<2.3	--	--	<0.50	<0.50
Bromomethane	(ug/L)	*1*	**10**	NR	NR	--	--	<2.4	<2.4
n-Butylbenzene	(ug/L)	NS	NS	<0.55	<7.5	--	--	<0.50	<0.50
sec-Butylbenzene	(ug/L)	NS	NS	<0.73	<2.15	--	--	<2.2	<2.2
tert-Butylbenzene	(ug/L)	NS	NS	<0.32	<2.3	--	--	<0.18	<0.18
Carbon Tetrachloride	(ug/L)	*0.5*	**5**	<0.3	<2.15	--	--	<0.50	<0.50
Chlorobenzene	(ug/L)	NS	NS	<0.39	<1.95	--	--	<0.50	<0.50
Chloroethane	(ug/L)	*80*	**400**	<0.97	<7.5	--	--	<0.37	<0.37
Chloroform	(ug/L)	*0.6*	**6**	<0.47	<2.4	--	--	<2.5	<2.5
Chloromethane	(ug/L)	3	**30**	<0.5	<2.5	--	--	<0.50	<0.50
2-Chlorotoluene	(ug/L)	NS	NS	<0.41	<1.85	--	--	<0.50	<0.50
4-Chlorotoluene	(ug/L)	NS	NS	<0.3	<3.15	--	--	<0.21	<0.21
1,2-Dibromo-3-chloropropane	(ug/L)	*0.02*	**0.2**	<1.7	<10	--	--	<2.2	<2.2
Dibromochloromethane	(ug/L)	*6*	**60**	<0.4	<3.8	--	--	<0.50	<0.50
1,2-Dibromoethane (EDB)	(ug/L)	*0.005*	**0.05**	<0.76	<2.6	--	--	<0.18	<0.18
Dibromomethane	(ug/L)	NS	NS	NR	NR	--	--	<0.43	<0.43
1,2-Dichlorobenzene	(ug/L)	*60*	**600**	<0.88	<3.3	--	--	<0.50	<0.50
1,3-Dichlorobenzene	(ug/L)	*120*	**600**	<0.67	<1.7	--	--	<0.50	<0.50
1,4-Dichlorobenzene	(ug/L)	*15*	**75**	<0.74	<3.85	--	--	<0.50	<0.50
Dichlorodifluoromethane	(ug/L)	*200*	**1,000**	<0.76	<2.25	--	--	<0.22	<0.22
1,1-Dichloroethane	(ug/L)	*85*	**850**	<0.59	<2.2	--	--	<0.24	<0.24
1,2-Dichloroethane	(ug/L)	*0.5*	**5**	<0.41	<2.15	--	--	<0.17	<0.17
1,1-Dichloroethene	(ug/L)	*0.7*	**7**	<0.5	<2.35	--	--	<0.41	<0.41
1,2-Dichloropropane	(ug/L)	*0.5*	**5**	<0.27	<1.3	--	--	<0.23	<0.23
1,3-Dichloropropane	(ug/L)	NS	NS	<0.4	<2.45	--	--	<0.50	<0.50
2,2-Dichloropropane	(ug/L)	NS	NS	<0.53	<4.45	--	--	<0.48	<0.48
1,1-Dichloropropene	(ug/L)	NS	NS	NR	NR	--	--	<0.44	<0.44
cis-1,3-Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	--	--	<0.50	<0.50
trans-1,3Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	--	--	<0.23	<0.23
Diisopropyl ether	(ug/L)	NS	NS	<0.37	<1.6	--	--	<0.50	<0.50
Hexachloro-1,3-butadiene	(ug/L)	NS	NS	<1.7	<7.5	--	--	<2.1	<2.1
Isopropylbenzene	(ug/L)	NS	NS	<0.6	<1.95	--	--	<0.14	<0.14
p-Isopropyltoluene	(ug/L)	NS	NS	<0.77	<2.85	--	--	<0.50	<0.50
n-Propylbenzene	(ug/L)	NS	NS	<0.54	<1.65	--	--	<0.50	<0.50
Styrene	(ug/L)	*10*	**100**	NR	NR	--	--	<0.50	<0.50
1,1,1,2-Tetrachloroethane	(ug/L)	*7*	**70**	<0.32	<2.7	--	--	<0.18	<0.18
1,1,2,2-Tetrachloroethane	(ug/L)	*0.02*	**0.2**	<0.5	<2.75	--	--	<0.25	<0.25
1,2,3-Trichlorobenzene	(ug/L)	NS	NS	<1.6	<8	--	--	<2.1	<2.1
1,2,4-Trichlorobenzene	(ug/L)	*14*	**70**	<1.1	<10.5	--	--	<2.2	<2.2
1,1,1-Trichlorethane	(ug/L)	*40*	**200**	<0.28	<2.3	--	--	<0.50	<0.50
1,1,2-Trichlorethane	(ug/L)	*0.5*	**5**	<0.39	<2.05	--	--	<0.20	<0.20
Trichlorofluoromethane	(ug/L)	NS	NS	<0.81	<3.6	--	--	<0.18	<0.18
1,2,3-Trichloropropane	(ug/L)	*12*	**60**	NR	NR	--	--	<0.50	<0.50

Notes:
NS = No standard established
-- = Not analyzed for parameter
NR = Not Reported

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
BOLD indicates exceedance of NR 140.10 Enforcement Standard

A.1.I
Groundwater Analytical Table - VOC
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	MW-1							
Date				02/20/06	12/12/06	09/25/07	12/06/07	09/09/08	08/18/09	09/30/15	04/26/16
Groundwater Elevation				97.64	679.56	678.12	678.00	678.60	677.80	678.35	679.15
Benzene	(ug/L)	*0.5*	**5**	<0.26	<2.35	<0.47	<0.47	<0.24	<0.41	<0.50	<0.50
Ethylbenzene	(ug/L)	*140*	**700**	<0.3	<1.9	<0.38	<0.38	<0.35	<0.87	<0.50	<0.50
Toluene	(ug/L)	*160*	**800**	<0.52	<2.95	<0.46	<0.46	<0.39	<0.51	<0.50	<0.50
Xylenes (TOTAL)	(ug/L)	*400*	**2,000**	<1.17	<5.5	<0.99	<0.99	<1.67	<2.13	<1.5	<1.50
m&p-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	<1.0	<1.0
o-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	<0.50	<0.50
Naphthalene	(ug/L)	*10*	**100**	<0.85	<11	<1.8	<1.8	<1.8	<1.7	<2.5	<2.5
MTBE	(ug/L)	*12*	**60**	<0.36	<2.6	<0.52	<0.52	<0.7	<0.5	<0.17	<0.17
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	*96*	**480**	<1.15	<6.0	<1.57	<1.57	<0.74	<2.6	<1.0	<0.50
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	<0.32	<1.95	<1.2	<1.2	<0.51	<1.1	<0.50	<0.50
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	<0.83	<6.0	<0.37	<0.37	<0.23	<1.5	<0.50	<0.50
Tetrachloroethene (PCE)	(ug/L)	*0.5*	**5**	*81*	*48*	*43*	*27.2*	*22.1*	*5*	*6.8*	*4.3*
Trichloroethene (TCE)	(ug/L)	*0.5*	**5**	*38*	*36*	*52*	*32*	*9.8*	*5.3*	*12.8*	*6.6*
cis-1,2-Dichloroethene	(ug/L)	*7*	**70**	*7.8*	*9.0 J*	*9.7*	*8.2*	2.08	0.77 J	6.0	0.78 J
trans-1,2-Dichloroethene	(ug/L)	*20*	**100**	0.77 J	<4.75	<0.95	<0.95	<0.61	<0.61	<0.26	<0.26
Vinyl Chloride	(ug/L)	*0.02*	**0.2**	<0.16	*1.4 J*	*0.79*	*0.38 J*	*1.03*	*0.8*	*0.87 J*	<0.18
Methylene Chloride	(ug/L)	*0.5*	**5**	<0.55	<3.45	<0.69	<0.69	<0.99	<1.5	<0.23	<0.23
Bromobenzene	(ug/L)	NS	NS	<0.35	<3.1	<0.36	<0.36	<0.44	<0.43	<0.23	<0.23
Bromochloromethane	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	<0.34	<0.34
Bromodichloromethane	(ug/L)	*0.06*	**0.6**	<0.28	<4.1	<0.5	<0.5	<0.3	<0.41	<0.50	<0.50
Bromoform	(ug/L)	*0.44*	**4.4**	<0.4	<1.5	<0.38	<0.38	<0.7	<0.46	<0.50	<0.50
Bromomethane	(ug/L)	*1*	**10**	NR	NR	NR	NR	NR	NR	<2.4	<2.4
n-Butylbenzene	(ug/L)	NS	NS	<0.61	<5.5	<0.52	<0.52	<0.55	<1.5	<0.50	<0.50
sec-Butylbenzene	(ug/L)	NS	NS	<0.25	<3.8	<0.36	<0.36	<0.73	<0.43	<2.2	<2.2
tert-Butylbenzene	(ug/L)	NS	NS	<0.34	<3.0	<0.34	<0.34	<0.32	<0.46	<0.18	<0.18
Carbon Tetrachloride	(ug/L)	*0.5*	**5**	<0.25	<2.6	<0.46	<0.46	<0.3	<0.43	<0.50	<0.50
Chlorobenzene	(ug/L)	NS	NS	<0.26	<2.8	<0.31	<0.31	<0.39	<0.39	<0.50	<0.50
Chloroethane	(ug/L)	*80*	**400**	<0.37	<2.7	<0.47	<0.47	<0.97	<1.5	<0.37	<0.37
Chloroform	(ug/L)	*0.6*	**6**	<0.78	<3.05	<0.48	<0.48	<0.47	<0.48	<2.5	<2.5
Chloromethane	(ug/L)	3	**30**	<1.1	<5.0	<1	<1	<0.5	<0.5	<0.50	<0.50
2-Chlorotoluene	(ug/L)	NS	NS	<0.42	<5.5	<0.49	<0.49	<0.41	<0.37	<0.50	<0.50
4-Chlorotoluene	(ug/L)	NS	NS	<0.24	<3.1	<0.38	<0.38	<0.3	<0.63	<0.21	<0.21
1,2-Dibromo-3-chloropropane	(ug/L)	*0.02*	**0.2**	<4.1	<12.5	<1.4	<1.4	<1.7	<2	<2.2	<2.2
Dibromochloromethane	(ug/L)	*6*	**60**	<0.74	<3.25	<0.32	<0.32	<0.4	<0.76	<0.50	<0.50
1,2-Dibromoethane (EDB)	(ug/L)	*0.005*	**0.05**	<0.58	<2.45	<0.49	<0.49	<0.76	<0.52	<0.18	<0.18
Dibromomethane	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	<0.43	<0.43
1,2-Dichlorobenzene	(ug/L)	*60*	**600**	<0.86	<3.45	<0.35	<0.35	<0.88	<0.66	<0.50	<0.50
1,3-Dichlorobenzene	(ug/L)	*120*	**600**	<0.64	<3.6	<0.3	<0.3	<0.67	<0.34	<0.50	<0.50
1,4-Dichlorobenzene	(ug/L)	*15*	**75**	<0.69	<3.4	<0.33	<0.33	<0.74	<0.77	<0.50	<0.50
Dichlorodifluoromethane	(ug/L)	*200*	**1,000**	<0.2	<2.5	<0.46	<0.46	<0.76	<0.45	<0.22	<0.22
1,1-Dichloroethane	(ug/L)	*85*	**850**	<0.91	<2.8	<0.56	<0.56	<0.59	<0.44	<0.24	<0.24
1,2-Dichloroethane	(ug/L)	*0.5*	**5**	<0.25	<3.6	<0.45	<0.45	<0.41	<0.43	<0.17	<0.17
1,1-Dichloroethene	(ug/L)	*0.7*	**7**	<0.2	<1.5	<0.64	<0.64	<0.5	<0.47	<0.41	<0.41
1,2-Dichloropropane	(ug/L)	*0.5*	**5**	<0.37	<2.35	<0.47	<0.47	<0.27	<0.26	<0.23	<0.23
1,3-Dichloropropane	(ug/L)	NS	NS	<0.4	<3.35	<0.39	<0.39	<0.4	<0.49	<0.50	<0.50
2,2-Dichloropropane	(ug/L)	NS	NS	<0.34	<6.0	<0.98	<0.98	<0.53	<0.89	<0.48	<0.48
1,1-Dichloropropene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	<0.44	<0.44
cis-1,3-Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	NR	NR	NR	NR	<0.50	<0.50
trans-1,3Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	NR	NR	NR	NR	<0.23	<0.23
Diisopropyl ether	(ug/L)	NS	NS	<0.23	<3.55	<1.3	<1.3	<0.37	<0.32	<0.50	<0.50
Hexachloro-1,3-butadiene	(ug/L)	NS	NS	<1.6	<10.5	<1.5	<1.5	<1.7	<1.5	<2.1	<2.1
Isopropylbenzene	(ug/L)	NS	NS	<0.56	<4.95	<0.48	<0.48	<0.6	<0.39	<0.14	<0.14
p-Isopropyltoluene	(ug/L)	NS	NS	<0.5	<4.05	<0.35	<0.35	<0.77	<0.57	<0.50	<0.50
n-Propylbenzene	(ug/L)	NS	NS	<0.56	<3.05	<0.38	<0.38	<0.54	<0.33	<0.50	<0.50
Styrene	(ug/L)	*10*	**100**	NR	NR	NR	NR	NR	NR	<0.50	<0.50
1,1,1,2-Tetrachloroethane	(ug/L)	*7*	**70**	<0.49	<3.25	<0.65	<0.65	<0.32	<0.54	<0.18	<0.18
1,1,2,2-Tetrachloroethane	(ug/L)	*0.02*	**0.2**	<0.29	<4.45	<0.75	<0.75	<0.5	<0.55	<0.25	<0.25
1,2,3-Trichlorobenzene	(ug/L)	NS	NS	<1.6	<7.0	<1.6	<1.6	<1.6	<1.6	<2.1	<2.1
1,2,4-Trichlorobenzene	(ug/L)	*14*	**70**	<1.1	<7.5	<1.5	<1.5	<1.1	<2.1	<2.2	<2.2
1,1,1-Trichlorethane	(ug/L)	*40*	**200**	<0.42	<2.5	<0.5	<0.5	<0.28	<0.46	<0.50	<0.50
1,1,2-Trichlorethane	(ug/L)	*0.5*	**5**	<0.35	<2.5	<0.5	<0.5	<0.39	<0.41	<0.20	<0.20
Trichlorofluoromethane	(ug/L)	NS	NS	<0.48	<3.05	<0.61	<0.61	<0.81	<0.72	<0.18	<0.18
1,2,3-Trichloropropane	(ug/L)	*12*	**60**	NR	NR	NR	NR	NR	NR	<0.50	<0.50

Notes:
NS = No standard established
-- = Not analyzed for parameter
NR = Not Reported

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
BOLD indicates exceedance of NR 140.10 Enforcement Standard

A.1.I
Groundwater Analytical Table - VOC
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	MW-2							
Date				02/20/06	12/12/06	09/25/07	12/06/07	09/09/08	08/18/09	09/30/15	04/25/16
Groundwater Elevation				98.34	680.26	679.21	679.09	679.67	678.61	679.34	679.66
Benzene	(ug/L)	*0.5*	**5**	<0.26	<0.47	<0.47	<0.47	<0.24	<0.41	<0.50	<0.50
Ethylbenzene	(ug/L)	*140*	**700**	<0.3	<0.38	<0.38	<0.38	<0.35	<0.87	<0.50	<0.50
Toluene	(ug/L)	*160*	**800**	<0.52	<0.59	<0.46	<0.46	<0.39	<0.51	<0.50	<0.50
Xylenes (TOTAL)	(ug/L)	*400*	**2,000**	<1.17	<1.1	<0.99	<0.99	<1.67	<2.13	<1.5	<1.50
m&p-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	<1.0	<1.0
o-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	<0.50	<0.50
Naphthalene	(ug/L)	*10*	**100**	<0.85	<2.2	<1.8	<1.8	<1.8	<1.7	<2.5	<2.5
MTBE	(ug/L)	*12*	**60**	<0.36	<0.52	<0.52	<0.52	<0.7	<0.5	<0.17	<0.17
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	*96*	**480**	<1.15	<1.2	<1.57	<1.57	<0.74	<2.6	<1.0	<0.50
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	<0.32	<0.39	<1.2	<1.2	<0.51	<1.1	<0.50	<0.50
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	<0.83	<1.2	<0.37	<0.37	<0.23	<1.5	<0.50	<0.50
Tetrachloroethene (PCE)	(ug/L)	*0.5*	**5**	<0.45	*3.5*	*1.38 J*	*2.75*	*15.1*	*2.03*	*0.95 J*	<0.50
Trichloroethene (TCE)	(ug/L)	*0.5*	**5**	<0.37	*1.38 J*	0.45 J	*1.71*	*1.62*	*1.58*	<0.33	*0.59 J*
cis-1,2-Dichloroethene	(ug/L)	*7*	**70**	<0.27	<0.68	<0.68	<0.68	0.46 J	<0.68	0.26 J	<0.26
trans-1,2-Dichloroethene	(ug/L)	*20*	**100**	<0.4	<0.95	<0.95	<0.95	<0.61	<0.61	<0.26	<0.26
Vinyl Chloride	(ug/L)	*0.02*	**0.2**	<0.16	<0.17	<0.2	<0.2	<0.2	<0.2	<0.18	<0.18
Methylene Chloride	(ug/L)	*0.5*	**5**	<0.55	<0.69	<0.69	<0.69	<0.99	<1.5	<0.23	<0.23
Bromobenzene	(ug/L)	NS	NS	<0.35	<0.62	<0.36	<0.36	<0.44	<0.43	<0.23	<0.23
Bromochloromethane	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	<0.34	<0.34
Bromodichloromethane	(ug/L)	*0.06*	**0.6**	<0.28	<0.82	<0.5	<0.5	<0.3	<0.41	<0.50	<0.50
Bromoform	(ug/L)	*0.44*	**4.4**	<0.4	<0.3	<0.38	<0.38	<0.7	<0.46	<0.50	<0.50
Bromomethane	(ug/L)	*1*	**10**	NR	NR	NR	NR	NR	NR	<2.4	<2.4
n-Butylbenzene	(ug/L)	NS	NS	<0.61	<1.1	<0.52	<0.52	<0.55	<1.5	<0.50	<0.50
sec-Butylbenzene	(ug/L)	NS	NS	<0.25	<0.76	<0.36	<0.36	<0.73	<0.43	<2.2	<2.2
tert-Butylbenzene	(ug/L)	NS	NS	<0.34	<0.6	<0.34	<0.34	<0.32	<0.46	<0.18	<0.18
Carbon Tetrachloride	(ug/L)	*0.5*	**5**	<0.25	<0.52	<0.46	<0.46	<0.3	<0.43	<0.50	<0.50
Chlorobenzene	(ug/L)	NS	NS	<0.26	<0.56	<0.31	<0.31	<0.39	<0.39	<0.50	<0.50
Chloroethane	(ug/L)	*80*	**400**	<0.37	<0.54	<0.47	<0.47	<0.97	<1.5	<0.37	<0.37
Chloroform	(ug/L)	*0.6*	**6**	<0.78	<0.61	<0.48	<0.48	<0.47	<0.48	<2.5	<2.5
Chloromethane	(ug/L)	3	**30**	<1.1	<1.0	<1	<1	<0.5	<0.5	<0.50	<0.50
2-Chlorotoluene	(ug/L)	NS	NS	<0.42	<1.1	<0.49	<0.49	<0.41	<0.37	<0.50	<0.50
4-Chlorotoluene	(ug/L)	NS	NS	<0.24	<0.62	<0.38	<0.38	<0.3	<0.63	<0.21	<0.21
1,2-Dibromo-3-chloropropane	(ug/L)	*0.02*	**0.2**	<4.1	<2.5	<1.4	<1.4	<1.7	<2	<2.2	<2.2
Dibromochloromethane	(ug/L)	*6*	**60**	<0.74	<0.65	<0.32	<0.32	<0.4	<0.76	<0.50	<0.50
1,2-Dibromoethane (EDB)	(ug/L)	*0.005*	**0.05**	<0.58	<0.49	<0.49	<0.49	<0.76	<0.52	<0.18	<0.18
Dibromomethane	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	<0.43	<0.43
1,2-Dichlorobenzene	(ug/L)	*60*	**600**	<0.86	<0.69	<0.35	<0.35	<0.88	<0.66	<0.50	<0.50
1,3-Dichlorobenzene	(ug/L)	*120*	**600**	<0.64	<0.72	<0.3	<0.3	<0.67	<0.34	<0.50	<0.50
1,4-Dichlorobenzene	(ug/L)	*15*	**75**	<0.69	<0.68	<0.33	<0.33	<0.74	<0.77	<0.50	<0.50
Dichlorodifluoromethane	(ug/L)	*200*	**1,000**	<0.2	<0.5	<0.46	<0.46	<0.76	<0.45	<0.22	<0.22
1,1-Dichloroethane	(ug/L)	*85*	**850**	<0.91	<0.56	<0.56	<0.56	<0.59	<0.44	<0.24	<0.24
1,2-Dichloroethane	(ug/L)	*0.5*	**5**	<0.25	<0.72	<0.45	<0.45	<0.41	<0.43	<0.17	<0.17
1,1-Dichloroethene	(ug/L)	*0.7*	**7**	<0.2	<0.3	<0.64	<0.64	<0.5	<0.47	<0.41	<0.41
1,2-Dichloropropane	(ug/L)	*0.5*	**5**	<0.37	<0.47	<0.47	<0.47	<0.27	<0.26	<0.23	<0.23
1,3-Dichloropropane	(ug/L)	NS	NS	<0.4	<0.67	<0.39	<0.39	<0.4	<0.49	<0.50	<0.50
2,2-Dichloropropane	(ug/L)	NS	NS	<0.34	<1.2	<0.98	<0.98	<0.53	<0.89	<0.48	<0.48
1,1-Dichloropropene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	<0.44	<0.44
cis-1,3-Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	NR	NR	NR	NR	<0.50	<0.50
trans-1,3Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	NR	NR	NR	NR	<0.23	<0.23
Diisopropyl ether	(ug/L)	NS	NS	<0.23	<0.71	<1.3	<1.3	<0.37	<0.32	<0.50	<0.50
Hexachloro-1,3-butadiene	(ug/L)	NS	NS	<1.6	<2.1	<1.5	<1.5	<1.7	<1.5	<2.1	<2.1
Isopropylbenzene	(ug/L)	NS	NS	<0.56	<0.99	<0.48	<0.48	<0.6	<0.39	<0.14	<0.14
p-Isopropyltoluene	(ug/L)	NS	NS	<0.5	<0.81	<0.35	<0.35	<0.77	<0.57	<0.50	<0.50
n-Propylbenzene	(ug/L)	NS	NS	<0.56	<0.61	<0.38	<0.38	<0.54	<0.33	<0.50	<0.50
Styrene	(ug/L)	*10*	**100**	NR	NR	NR	NR	NR	NR	<0.50	<0.50
1,1,1,2-Tetrachloroethane	(ug/L)	*7*	**70**	<0.49	<0.65	<0.65	<0.65	<0.32	<0.54	<0.18	<0.18
1,1,2,2-Tetrachloroethane	(ug/L)	*0.02*	**0.2**	<0.29	<0.89	<0.75	<0.75	<0.5	<0.55	<0.25	<0.25
1,2,3-Trichlorobenzene	(ug/L)	NS	NS	<1.6	<1.4	<1.6	<1.6	<1.6	<1.6	<2.1	<2.1
1,2,4-Trichlorobenzene	(ug/L)	*14*	**70**	<1.1	<1.5	<1.5	<1.5	<1.1	<2.1	<2.2	<2.2
1,1,1-Trichlorethane	(ug/L)	*40*	**200**	<0.42	<0.5	<0.5	<0.5	<0.28	<0.46	<0.50	<0.50
1,1,2-Trichlorethane	(ug/L)	*0.5*	**5**	<0.35	<0.5	<0.5	<0.5	<0.39	<0.41	<0.20	<0.20
Trichlorofluoromethane	(ug/L)	NS	NS	<0.48	<0.61	<0.61	<0.61	<0.81	<0.72	<0.18	<0.18
1,2,3-Trichloropropane	(ug/L)	*12*	**60**	NR	NR	NR	NR	NR	NR	<0.50	<0.50

Notes:
NS = No standard established
-- = Not analyzed for parameter
NR = Not Reported

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
BOLD indicates exceedance of NR 140.10 Enforcement Standard

A.1.I
Groundwater Analytical Table - VOC
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	MW-3								
Date				02/20/06	12/12/06	09/25/07	12/06/07	09/09/08	08/18/09	01/10/12	09/30/15	04/26/16
Groundwater Elevation				98.81	681.48	679.93	679.74	679.92	679.49	680.27	681.06	681.02
Benzene	(ug/L)	*0.5*	**5**	<52	<47	<47	<23.5	<12	<0.41	*2.5*	*4.0*	<5.0
Ethylbenzene	(ug/L)	*140*	**700**	<60	<38	<38	28.5 J	<17.5	<0.87	9.1	1.4	<5.0
Toluene	(ug/L)	*160*	**800**	<104	<59	<46	<23	<19.5	<0.51	2.22 J	0.60 J	<5.0
Xylenes (TOTAL)	(ug/L)	*400*	**2,000**	<234	<110	<99	<49.5	<83.5	<2.13	13.5 J	<1.5	<15.0
m&p-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	NR	<1.0	<10.0
o-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	NR	<0.50	<5.0
Naphthalene	(ug/L)	*10*	**100**	<170	<220	<180	<90	<90	<1.7	9.8	<2.5	<25.0
MTBE	(ug/L)	*12*	**60**	<72	<52	<52	<26	<35	<0.5	<0.47	<0.17	<1.7
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	*96*	**480**	<230	<120	<157	<78.5	<36.5	<2.6	7.75	<1.0	<10.0
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	<64	<39	<120	<60	<25.5	<1.1	5.8	<0.50	<5.0
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	<166	<120	<37	<18.5	<11.5	<1.5	1.95 J	<0.50	<5.0
Tetrachloroethene (PCE)	(ug/L)	*0.5*	**5**	*282*	*247*	*198*	*140*	*261*	*158*	--	*240*	<5.0
Trichloroethene (TCE)	(ug/L)	*0.5*	**5**	*1,770*	*1,730*	*2,150*	*1,720*	*1,030*	*690*	--	*677*	*4.4 J*
cis-1,2-Dichloroethene	(ug/L)	*7*	**70**	*3,800*	*3,090*	*3,700*	*3,400*	*2,560*	*1,790*	--	*1,200*	*436*
trans-1,2-Dichloroethene	(ug/L)	*20*	**100**	*170 J*	<95	<95	*74 J*	*69 J*	*117*	--	*29.4*	10.0
Vinyl Chloride	(ug/L)	*0.02*	**0.2**	*102 J*	*98*	*320*	*152*	*117*	*55*	--	*90.6*	*480*
Methylene Chloride	(ug/L)	*0.5*	**5**	<110	<69	<69	<34.5	<49.5	<1.5	--	<0.23	<2.3
Bromobenzene	(ug/L)	NS	NS	<70	<62	<36	<18	<22	<0.43	--	<0.23	<2.3
Bromochloromethane	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	--	<0.34	<3.4
Bromodichloromethane	(ug/L)	*0.06*	**0.6**	<56	<82	<50	<25	<15	<0.41	--	<0.50	<5.0
Bromoform	(ug/L)	*0.44*	**4.4**	<80	<30	<38	<19	<35	<0.46	--	<0.50	<5.0
Bromomethane	(ug/L)	*1*	**10**	NR	NR	NR	NR	NR	NR	--	<2.4	<24.3
n-Butylbenzene	(ug/L)	NS	NS	<122	<110	<52	<26	<27.5	<1.5	--	<0.50	<5.0
sec-Butylbenzene	(ug/L)	NS	NS	<50	<76	<36	<18	<36.5	<0.43	--	<2.2	<21.9
tert-Butylbenzene	(ug/L)	NS	NS	<68	<60	<34	<17	<16	<0.46	--	<0.18	<1.8
Carbon Tetrachloride	(ug/L)	*0.5*	**5**	<50	<52	<46	<23	<15	<0.43	--	<0.50	<5.0
Chlorobenzene	(ug/L)	NS	NS	<52	<56	<31	<15.5	<19.5	<0.39	--	<0.50	<5.0
Chloroethane	(ug/L)	*80*	**400**	<74	<54	<47	<23.5	<48.5	<1.5	--	<0.37	<3.7
Chloroform	(ug/L)	*0.6*	**6**	<156	<61	<48	<24	<23.5	<0.48	--	<2.5	<25.0
Chloromethane	(ug/L)	3	**30**	<220	<100	<100	<50	<25	<0.5	--	<0.50	<5.0
2-Chlorotoluene	(ug/L)	NS	NS	<84	<110	<49	<24.5	<20.5	<0.37	--	<0.50	<5.0
4-Chlorotoluene	(ug/L)	NS	NS	<48	<62	<38	<19	<15	<0.63	--	<0.21	<2.1
1,2-Dibromo-3-chloropropane	(ug/L)	*0.02*	**0.2**	<820	<250	<140	<70	<85	<2	--	<2.2	<21.6
Dibromochloromethane	(ug/L)	*6*	**60**	<148	<65	<32	<16	<20	<0.76	--	<0.50	<5.0
1,2-Dibromoethane (EDB)	(ug/L)	*0.005*	**0.05**	<116	<49	<49	<24.5	<38	<0.52	--	<0.18	<1.8
Dibromomethane	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	--	<0.43	<4.3
1,2-Dichlorobenzene	(ug/L)	*60*	**600**	<172	<69	<35	<17.5	<44	<0.66	--	<0.50	<5.0
1,3-Dichlorobenzene	(ug/L)	*120*	**600**	<128	<72	<30	<15	<33.5	<0.34	--	<0.50	<5.0
1,4-Dichlorobenzene	(ug/L)	*15*	**75**	<138	<68	<33	<16.5	<37	<0.77	--	<0.50	<5.0
Dichlorodifluoromethane	(ug/L)	*200*	**1,000**	<40	<50	<46	<23	<38	<0.45	--	<0.22	<2.2
1,1-Dichloroethane	(ug/L)	*85*	**850**	<182	<56	<56	<28	<29.5	<0.44	--	<0.24	<2.4
1,2-Dichloroethane	(ug/L)	*0.5*	**5**	<50	<72	<45	<22.5	<20.5	<0.43	--	<0.17	<1.7
1,1-Dichloroethene	(ug/L)	*0.7*	**7**	<40	<30	<64	<32	<25	<0.47	--	*3.5*	<4.1
1,2-Dichloropropane	(ug/L)	*0.5*	**5**	<74	<47	<47	<23.5	<13.5	<0.26	--	<0.23	<2.3
1,3-Dichloropropane	(ug/L)	NS	NS	<80	<67	<39	<19.5	<20	<0.49	--	<0.50	<5.0
2,2-Dichloropropane	(ug/L)	NS	NS	<68	<120	<98	<49	<26.5	<0.89	--	<0.48	<4.8
1,1-Dichloropropene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	--	<0.44	<4.4
cis-1,3-Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	NR	NR	NR	NR	--	<0.50	<5.0
trans-1,3Dichloropropene	(ug/L)	*0.04*	**0.4**	NR	NR	NR	NR	NR	NR	--	<0.23	<2.3
Diisopropyl ether	(ug/L)	NS	NS	<46	<71	<130	<65	<18.5	<0.32	--	<0.50	<5.0
Hexachloro-1,3-butadiene	(ug/L)	NS	NS	<320	<210	<150	<75	<85	<1.5	--	<2.1	<21.1
Isopropylbenzene	(ug/L)	NS	NS	<112	<99	<48	<24	<30	<0.39	--	2.2	2.5 J
p-Isopropyltoluene	(ug/L)	NS	NS	<100	<81	<35	<17.5	<38.5	<0.57	--	<0.50	<5.0
n-Propylbenzene	(ug/L)	NS	NS	<112	<61	<38	<19	<27	<0.33	--	0.61 J	<5.0
Styrene	(ug/L)	*10*	**100**	NR	NR	NR	NR	NR	NR	--	<0.50	<5.0
1,1,1,2-Tetrachloroethane	(ug/L)	*7*	**70**	<98	<65	<65	<32.5	<16	<0.54	--	<0.18	<1.8
1,1,2,2-Tetrachloroethane	(ug/L)	*0.02*	**0.2**	<58	<89	<75	<37.5	<25	<0.55	--	<0.25	<2.5
1,2,3-Trichlorobenzene	(ug/L)	NS	NS	<320	<140	<160	<80	<80	<1.6	--	<2.1	<21.3
1,2,4-Trichlorobenzene	(ug/L)	*14*	**70**	<220	<150	<150	<75	<55	<2.1	--	<2.2	<22.1
1,1,1-Trichlorethane	(ug/L)	*40*	**200**	<84	<50	<50	<25	<14	<0.46	--	<0.50	<5.0
1,1,2-Trichlorethane	(ug/L)	*0.5*	**5**	<70	<50	<50	<25	<19.5	<0.41	--	<0.20	<2.0
Trichlorofluoromethane	(ug/L)	NS	NS	<96	<61	<61	<30.5	<40.5	<0.72	--	<0.18	<1.8
1,2,3-Trichloropropane	(ug/L)	*12*	**60**	NR	NR	NR	NR	NR	NR	--	<0.50	<5.0

Notes:
NS = No standard established
-- = Not analyzed for parameter
NR = Not Reported

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
BOLD indicates exceedance of NR 140.10 Enforcement Standard

A.1.I
Groundwater Analytical Table - VOC
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	B-101	B-102	B-103	Trip Blank
Date				02/24/16	02/24/16	02/24/16	9/30/15
Groundwater Elevation				NA	NA	NA	NA
Benzene	(ug/L)	*0.5*	**5**	<12.5	<5.0	<50.0	<0.50
Ethylbenzene	(ug/L)	*140*	**700**	*749*	*162*	*3,590*	<0.50
Toluene	(ug/L)	*160*	**800**	*323*	<5.0	*2,490*	<0.50
Xylenes (TOTAL)	(ug/L)	*400*	**2,000**	*1,804*	280.8	*12,470*	<1.5
m&p-Xylene	(ug/L)	NS	NS	1,590	267	9,770	<1.0
o-Xylene	(ug/L)	NS	NS	214	13.8	2,700	<0.50
Naphthalene	(ug/L)	*10*	**100**	*144*	*102*	*467 J*	<2.5
MTBE	(ug/L)	*12*	**60**	<4.4	<1.7	<17.4	<0.17
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	*96*	**480**	*3,170*	*1,692*	*5,540*	<1.0
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	2,520	1,420	4,310	<0.50
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	650	272	1,230	<0.50
Tetrachloroethene (PCE)	(ug/L)	*0.5*	**5**	*57.1*	<5.0	*7,030*	<0.50
Trichloroethene (TCE)	(ug/L)	*0.5*	**5**	*23.0 J*	<3.3	*1,120*	<0.33
cis-1,2-Dichloroethene	(ug/L)	*7*	**70**	*210*	<2.6	*4,090*	<0.26
trans-1,2-Dichloroethene	(ug/L)	*20*	**100**	<6.4	<2.6	<25.7	<0.26
Vinyl Chloride	(ug/L)	*0.02*	**0.2**	*11.9 J*	<1.8	*99.3 J*	<0.18
Methylene Chloride	(ug/L)	*0.5*	**5**	<5.8	<2.3	<23.3	<0.23
Bromobenzene	(ug/L)	NS	NS	<5.8	<2.3	<23.0	<0.23
Bromochloromethane	(ug/L)	NS	NS	<8.5	<3.4	<34.0	<0.34
Bromodichloromethane	(ug/L)	*0.06*	**0.6**	<12.5	<5.0	<50.0	<0.50
Bromoform	(ug/L)	*0.44*	**4.4**	<12.5	<5.0	<50.0	<0.50
Bromomethane	(ug/L)	*1*	**10**	<60.9	<24.3	<243	<2.4
n-Butylbenzene	(ug/L)	NS	NS	<12.5	<5.0	222	<0.50
sec-Butylbenzene	(ug/L)	NS	NS	<54.7	<21.9	<219	<2.2
tert-Butylbenzene	(ug/L)	NS	NS	<4.5	<1.8	<18.0	<0.18
Carbon Tetrachloride	(ug/L)	*0.5*	**5**	<12.5	<5.0	<50.0	<0.50
Chlorobenzene	(ug/L)	NS	NS	<12.5	<5.0	<50.0	<0.50
Chloroethane	(ug/L)	*80*	**400**	<9.4	<3.7	<37.5	<0.37
Chloroform	(ug/L)	*0.6*	**6**	<62.5	<25.0	<250	<2.5
Chloromethane	(ug/L)	3	**30**	<12.5	<5.0	<50.0	<0.50
2-Chlorotoluene	(ug/L)	NS	NS	<12.5	<5.0	<50.0	<0.50
4-Chlorotoluene	(ug/L)	NS	NS	<5.3	<2.1	<21.4	<0.21
1,2-Dibromo-3-chloropropane	(ug/L)	*0.02*	**0.2**	<54.1	<21.6	<216	<2.2
Dibromochloromethane	(ug/L)	*6*	**60**	<12.5	<5.0	<50.0	<0.50
1,2-Dibromoethane (EDB)	(ug/L)	*0.005*	**0.05**	<4.4	<1.8	<17.8	<0.18
Dibromomethane	(ug/L)	NS	NS	<10.7	<4.3	<42.7	<0.43
1,2-Dichlorobenzene	(ug/L)	*60*	**600**	<12.5	<5.0	<50.0	<0.50
1,3-Dichlorobenzene	(ug/L)	*120*	**600**	<12.5	<5.0	<50.0	<0.50
1,4-Dichlorobenzene	(ug/L)	*15*	**75**	<12.5	<5.0	<50.0	<0.50
Dichlorodifluoromethane	(ug/L)	*200*	**1,000**	<5.6	<2.2	<22.4	<0.22
1,1-Dichloroethane	(ug/L)	*85*	**850**	<6.0	<2.4	<24.2	<0.24
1,2-Dichloroethane	(ug/L)	*0.5*	**5**	<4.2	<1.7	<16.8	<0.17
1,1-Dichloroethene	(ug/L)	*0.7*	**7**	<10.3	<4.1	<41.0	<0.41
1,2-Dichloropropane	(ug/L)	*0.5*	**5**	<5.8	<2.3	<23.3	<0.23
1,3-Dichloropropane	(ug/L)	NS	NS	<12.5	<5.0	<50.0	<0.50
2,2-Dichloropropane	(ug/L)	NS	NS	<12.1	<4.8	<48.4	<0.48
1,1-Dichloropropene	(ug/L)	NS	NS	<11.0	<4.4	<44.1	<0.44
cis-1,3-Dichloropropene	(ug/L)	*0.04*	**0.4**	<12.5	<5.0	<50.0	<0.50
trans-1,3Dichloropropene	(ug/L)	*0.04*	**0.4**	<5.7	<2.3	<23.0	<0.23
Diisopropyl ether	(ug/L)	NS	NS	<12.5	<5.0	<50.0	<0.50
Hexachloro-1,3-butadiene	(ug/L)	NS	NS	<52.6	<21.1	<211	<2.1
Isopropylbenzene	(ug/L)	NS	NS	155	105	269	<0.14
p-Isopropyltoluene	(ug/L)	NS	NS	<12.5	11.0	<50.0	<0.50
n-Propylbenzene	(ug/L)	NS	NS	455	267	885	<0.50
Styrene	(ug/L)	*10*	**100**	<12.5	<5.0	<50.0	<0.50
1,1,1,2-Tetrachloroethane	(ug/L)	*7*	**70**	<4.5	<1.8	<18.1	<0.18
1,1,2,2-Tetrachloroethane	(ug/L)	*0.02*	**0.2**	<6.2	<2.5	<24.9	<0.25
1,2,3-Trichlorobenzene	(ug/L)	NS	NS	<53.3	<21.3	<213	<2.1
1,2,4-Trichlorobenzene	(ug/L)	*14*	**70**	<55.2	<22.1	<221	<2.2
1,1,1-Trichlorethane	(ug/L)	*40*	**200**	<12.5	<5.0	<50.0	<0.50
1,1,2-Trichlorethane	(ug/L)	*0.5*	**5**	<4.9	<2.0	<19.7	<0.20
Trichlorofluoromethane	(ug/L)	NS	NS	<4.6	<1.8	<18.5	<0.18
1,2,3-Trichloropropane	(ug/L)	*12*	**60**	<12.5	<5.0	<50.0	<0.50

Notes:
NS = No standard established
-- = Not analyzed for parameter
NR = Not Reported

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
BOLD indicates exceedance of NR 140.10 Enforcement Standard

TABLE A.5
Vapor Analytical Table - VOC
(Site Name)
(Street, State, Zip)
BRRTS#

Sample ID		C-Carcinogen N-Non Carcinogen	WDNR / WDHFS **SMALL COMMERCIAL** Subslab	WDNR / WDHFS **SMALL COMMERCIAL** Indoor Air	VP-1	VP-2
Sample Date					2/24/2016	2/24/2016
Sample Location					SE corner	ctr work area
Type of Sample					sub-slab	sub-slab
Collection Method					grab	grab
Time Period of Collection					30 min	30 min
Analytical Method					TO-15	TO-15
Method/Result Leak Detection					water/shut-in; pass	water/shut-in; pass
Benzene	µg/m^3	C	*530*	**16**	0.84	6.8
Ethylbenzene	µg/m^3	C	*1,600*	**49**	2.6	4.5
Toluene	µg/m^3	N	*730,000*	**22,000**	15.3	142
Xylenes	µg/m^3	N	*15,000*	**440**	12.5	17.6
Naphthalene	µg/m^3	C	*120*	**3.6**	6.3	5.3
1,2,4-Trimethylbenzene	µg/m^3	N	*1,000*	**31**	15.0	9.2
1,3,5-Trimethylbenzene	µg/m^3	N	NS	NS	2.9	2.2
Methyl-tert-butyl-ether (MTBE)	µg/m^3	C	*16,000*	**470**	<0.47	<0.42
Tetrachloroethene (PCE)	µg/m^3	N	*6,000*	**180**	608	*63,100*
Trichloroethene (TCE)	µg/m^3	C	*290*	**8.8**	1.1	*545*
cis-1,2 Dichloroethene	µg/m^3	N	NS	NS	<0.38	7.1
trans-1,2 Dichloroethene	µg/m^3	N	NS	NS	<0.60	<0.53
Vinyl Chloride	µg/m^3	C	*930*	**28**	<0.30	<0.27
Methylene Chloride	µg/m^3	C	*87,000*	**2,600**	0.95 J	<0.75
Acetone	µg/m^3	N	*4,700,000*	**140,000**	38.4	227
Benzyl Chloride	µg/m^3	C	*83*	**2.5**	<0.26	<0.23
Bromodichloromethane	µg/m^3	C	*110*	**3.3**	<0.30	<0.27
Bromoform	µg/m^3	C	*3,700*	**110**	<1.4	<1.3
Bromomethane	µg/m^3	N	*730*	**22**	0.77 J	<0.43
1,3-Butadiene	µg/m^3	C	*140*	**4.1**	<0.27	<0.24
2-Butanone (Methyl Ethyl Ketone)	µg/m^3	N	*730,000*	**22,000**	2.9 J	37.7
Carbon Disulfide	µg/m^3	N	*100,000*	**3,100**	0.37 J	3.4
Carbon Tetrachloride	µg/m^3	C	*670*	**20**	<0.30	<0.27
Chlorobenzene	µg/m^3	N	*7,300*	**220**	<0.21	<0.19
Chloroethane (Ethyl Chloride)	µg/m^3	N	*1,500,000*	**44,000**	<0.30	<0.27
Chloroform	µg/m^3	C	*180*	**5.3**	<0.29	<0.26
Chloromethane (Methyl Chloride)	µg/m^3	N	*13,000*	**390**	<0.17	<0.15
Cyclohexane	µg/m^3	N	*870,000*	**26,000**	27.8	86.9
Dibromochloromethane	µg/m^3	C	*NS*	NS	<1.3	<1.2
1,2-Dibromoethane (EDB)	µg/m^3	C	*7*	**0.2**	<1.2	<1.1
1,2-Dichlorobenzene	µg/m^3	N	*29,000*	**880**	<0.79	<0.71
1,3-Dichlorobenzene	µg/m^3	N	NS	NS	<0.82	<0.74
1,4-Dichlorobenzene	µg/m^3	C	*370*	**11**	<0.77	<0.69
Dichlorodifluoromethane	µg/m^3	N	*15,000*	**440**	3.2	3.5
1,1-Dichloroethane	µg/m^3	C	*2,600*	**77**	<0.24	<0.22
1,2-Dichloroethane	µg/m^3	C	*160*	**4.7**	<0.32	<0.28
1,1-Dichloroethene	µg/m^3	N	*29,000*	**880**	<0.37	<0.33
1,2-Dichloropropane	µg/m^3	C	*400*	**12**	<0.42	<0.38
cis-1,3-Dichloropropene	µg/m^3	N	NS	NS	<0.57	<0.51
trans-1,3-Dichloropropene	µg/m^3	N	NS	NS	<0.40	<0.36
1,2-Dichlorotetrafluoroethane	µg/m^3		NS	NS	<0.48	<0.43
Ethanol	µg/m^3	N	NS	NS	73.1	96.5
Ethyl Acetate	µg/m^3	N	*10,000*	**310**	<0.54	<0.48
4-Ethyltoluene	µg/m^3		NS	NS	3.3	2.6
n-Heptane	µg/m^3	N	NS	NS	20.4	16.5
Hexachloro-1,3-butadiene	µg/m^3	C	*56*	**5.6**	<1.0	<0.90
n-Hexane	µg/m^3	N	*100,000*	**3,100**	55.3	141
2-Hexanone	µg/m^3		*4,300*	**130**	<0.64	<0.57
Methyl Isobutyl Ketone (MIBK)	µg/m^3	N	*430,000*	**13,000**	<0.34	5.4 J
2-Propanol (Isopropanol)	µg/m^3	N	*29,000*	**880**	8.0	27.6
Propylene	µg/m^3	N	*430,000*	**13,000**	<0.21	<0.19
Styrene	µg/m^3	N	*150,000*	**4,400**	0.37 J	0.56 J
1,1,2,2-Tetrachloroethane	µg/m^3	C	*70*	**2.1**	<0.51	<0.46
Tetrahydrofuran	µg/m^3	N	*290,000*	**8,800**	<0.18	<0.17
1,2,4-Trichlorobenzene	µg/m^3	N	*290*	**8.8**	<1.4	<1.3
1,1,1-Trichloroethane	µg/m^3	N	*730,000*	**22,000**	<0.38	<0.34
1,1,2-Trichloroethane	µg/m^3	C	*260*	**7.7**	<0.38	<0.34
Trichlorofluoromethane	µg/m^3	N	*NS*	**NS**	1.2 J	1.0 J
1,1,2-Trichlorotrifluoroethane	µg/m^3	N	*4,300,000*	**130,000**	<0.47	0.82 J
Vinyl Acetate	µg/m^3	N	*29,000*	**880**	<0.51	<0.46

N = Noncarcinogen; C = Carcinogen
ITALICS : Exceeds **Subslab** Vapor Standard
BOLD Exceeds **Indoor** Air Standard
NA=Not Analyzed
NS : No Standards
Standards based on U.SEPA RSL Tables http://www.epa.gov/reg3hwmd/risk/human/rb-concentration table/index.htm
Small Commercial vs. Large Commercial/Industrial determined based on WDNR Publication RR-800

TABLE A.6
Water Level Elevations
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Well Identification	SMW-1	SMW-2	SMW-3	SMW-4	SMW-5	SMW-6	SMW-7
Top of Casing Elevation (ft MSL)	691.31	690.76	691.42	691.20	690.53	690.56	691.48
Ground Surface Elevation (ft. MSL)	691.72	691.11	691.83	691.47	690.97	691.06	691.87
Stickup	-0.41	-0.35	-0.41	-0.27	-0.44	-0.50	-0.39

Well Identification	SMW-8	SMW-9	SMW-10	SMW-11	SMW-12	SMW-13	SMW-14
Top of Casing Elevation (ft MSL)	690.51	691.65	690.49	689.04	687.43	688.08	687.27
Ground Surface Elevation (ft. MSL)	690.90	691.99	690.88	689.48	687.80	688.56	688.00
Total Well Depth							
Stickup	-0.39	-0.34	-0.39	-0.44	-0.37	-0.48	-0.73
Screened Elevation (ft MSL)							

Well Identification	PZ-1	PZ-2	MW-1	MW-2	MW-3
Top of Casing Elevation (ft MSL)	691.49	691.22	690.69	690.55	690.85
Ground Surface Elevation (ft. MSL)	691.92	691.52	691.03	690.94	691.18
Total Well Depth					
Stickup	-0.43	-0.30	-0.34	-0.39	-0.33
Screened Elevation (ft MSL)					

	SMW-1			SMW-2			SMW-3		
Sample Date	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl)	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl)	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl.)
12/12/2006	8.85	9.26	682.46	6.7	7.02	684.09	11.5	11.90	679.93
9/25/2007	9.25	9.66	682.06	7.02	7.37	683.74	12.41	12.82	679.01
12/6/2007	10.39	10.80	680.92	8.84	9.19	681.92	12.46	12.87	678.96
9/9/2008	9.26	9.67	682.05	7.10	7.45	683.66	11.95	12.36	679.47
8/18/2009	9.88	10.29	681.43	7.87	8.22	682.89	12.77	13.18	678.65
6/30/2010	7.33	7.74	683.98	6.53	6.88	684.23	11.30	11.71	680.12
10/29/2010	10.55	10.96	680.76	8.79	9.14	681.97	12.95	13.36	678.47
1/10/2012	9.10	9.51	682.21	7.48	7.83	683.28	12.59	13.00	678.83
9/29/2015	8.28	8.69	683.03	7.49	7.84	683.27	12.28	12.69	679.14
11/30/2015[1]		Not Sampled			Not Sampled		11.18	11.59	680.24
12/4/2015[2]		Not Sampled			Not Sampled		10.96	11.37	680.46
4/25/2016	7.47	7.88	683.84	6.12	6.47	684.64	11.74	12.15	679.68

	SMW-4			SMW-5			SMW-6		
Sample Date	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl)	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl)	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl.)
12/12/2006	10.94	11.24	680.23	7.7	8.12	682.85		NOT INSTALLED	
9/25/2007	12.34	12.64	678.83	9.28	9.72	681.25	8.75	9.25	681.81
12/6/2007	12.49	12.76	678.71	9.96	10.40	680.57	8.65	9.15	681.91
9/9/2008	12.23	12.50	678.97	9.10	9.54	681.43	8.23	8.73	682.33
8/18/2009	12.86	13.13	678.34	9.96	10.40	680.57	8.95	9.45	681.61
6/30/2010	10.20	10.47	681.00	8.03	8.47	682.50	7.61	8.11	682.95
10/29/2010	12.98	13.25	678.22	10.23	10.67	680.30	9.10	9.60	681.46
1/10/2012	12.03	12.30	679.17	9.25	9.69	681.28	8.88	9.38	681.68
9/29/2015	9.75	10.02	681.45	7.53	7.97	683.00	7.88	8.38	682.68
11/30/2015[1]	9.22	9.49	681.98		Not Sampled		7.12	7.62	683.44
12/4/2015[2]	10.20	10.47	681.00		Not Sampled		6.37	6.87	684.19
4/25/2016	10.66	10.93	680.54	7.68	8.12	682.85	8.13	8.63	682.43

	SMW-7			SMW-8			SMW-9		
Sample Date	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl)	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl.)	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl.)
9/25/2007	10.4	10.74	681.13	11.21	11.60	679.30	12.7	13.04	678.95
12/6/2007	11.07	11.46	680.41	11.43	11.82	679.08	12.80	13.14	678.85
9/9/2008	10.03	10.42	681.45	11.15	11.54	679.36	12.26	12.60	679.39
8/18/2009	10.67	11.06	680.81	11.61	12.00	678.90	13.05	13.39	678.60
6/30/2010	8.05	8.44	683.43	8.89	9.28	681.62	11.21	11.55	680.44
10/29/2010	11.24	11.63	680.24	11.91	12.30	678.60	13.20	13.54	679.25**
1/10/2012	9.68	10.07	681.80	10.75	11.14	679.76	12.57	12.91	679.08
9/29/2015	9.14	9.53	682.34	10.54	10.93	679.97	11.18	11.52	680.47
11/30/2015[1]	7.20	7.59	684.28	7.96	8.35	682.55	9.97	10.31	681.68
12/4/2015[2]	6.63	7.02	684.85	7.74	8.13	682.77	9.04	9.38	682.61
4/25/2016	8.27	8.66	683.21	9.95	10.34	680.56	11.30	11.64	680.35

TABLE A.6
Water Level Elevations
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

	SMW-10			SMW-11			SMW-12		
Sample Date	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl)	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl.)	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl.)
9/9/2008	12.3	12.65	678.23	10.3	10.72	678.76		NOT INSTALLED	
8/18/2009	12.55	12.94	677.94	10.91	11.35	678.13	8.79	9.16	678.64
6/30/2010	10.42	10.81	680.07	9.04	9.48	680.00	9.65	10.02	677.78
10/29/2010	12.98	13.37	677.51	11.14	11.58	677.90	7.73	8.10	679.70
1/10/2012	12.20	12.59	678.29	10.54	10.98	678.50	9.77	10.14	677.66
9/29/2015	12.22	12.61	678.27	10.58	11.02	678.46	9.05	9.42	678.38
11/30/2015[1]	10.20	10.59	680.29		Not Sampled			Not Sampled	
12/4/2015[2]	10.23	10.62	680.26		Not Sampled			Not Sampled	
4/25/2016	10.92	11.31	679.57	9.60	10.04	679.44	8.39	8.76	679.04

	SMW-13			SMW-14			PZ-1		
Sample Date	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl)	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl.)	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl.)
12/6/2007		NOT INSTALLED			NOT INSTALLED		12.53	12.96	678.96
9/9/2008		NOT INSTALLED			NOT INSTALLED		11.60	12.03	679.89
8/18/2009	10.45	10.93	677.63	10.00	10.73	677.27	23.15	23.58	668.34
6/30/2010	8.58	9.06	679.50	8.56	9.29	678.71	10.72	11.15	680.77
10/29/2010	10.65	11.13	677.43	10.25	10.98	677.02	12.32	12.75	679.17
1/10/2012	10.00	10.48	678.08	9.68	10.41	677.59		NOT SAMPLED	
9/29/2015	10.04	10.52	678.04	9.79	10.52	677.48	11.81	12.24	679.68
11/30/2015[1]		Not Sampled			Not Sampled		10.51	10.94	680.98
12/4/2015[2]		Not Sampled			Not Sampled		10.63	11.06	680.86
4/25/2016	9.08	9.56	679.00	8.71	9.44	678.56	11.33	11.76	680.16

	PZ-2			MW-1			MW-2		
Sample Date	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl)	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl.)	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl.)
2/23/2006		NOT INSTALLED		12.12	12.50+	97.64+	11.33	11.74+	98.34+
12/12/2006		NOT INSTALLED		11.13	11.47	679.56	10.29	10.68	680.26
9/25/2007		NOT INSTALLED		12.57	12.91	678.12	11.34	11.73	679.21
12/6/2007		NOT INSTALLED		12.69	13.03	678.00	11.46	11.85	679.09
9/9/2008	13.11	13.41	678.11	12.09	12.43	678.60	10.88	11.27	679.67
8/18/2009	13.46	13.76	677.76	12.89	13.23	677.80	11.94	12.33	678.61
6/30/2010	12.29	12.59	678.93	10.99	11.33	679.70	10.07	10.46	680.48
10/29/2010	13.70	14.00	677.52	13.03	13.37	677.66	11.97	12.36	678.58
1/10/2012		NOT SAMPLED		12.47	12.81	678.22	11.45	11.84	679.10
9/29/2015	13.32	13.62	677.90	12.34	12.68	678.35	11.21	11.60	679.34
11/30/2015[1]		Not Sampled		10.77	11.11	679.92		Not Sampled	
12/4/2015[2]		Not Sampled		10.75	11.09	679.94		Not Sampled	
4/25/2016	12.32	12.62	678.90	11.54	11.88	679.15	10.89	11.28	679.66

	MW-3		
Sample Date	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl)
2/23/2006	11.14	11.53+	98.81+
12/12/2006	9.37	9.70	681.48
9/25/2007	10.92	11.25	679.93
12/6/2007	11.11	11.44	679.74
9/9/2008	10.93	11.26	679.92
8/18/2009	11.36	11.69	679.49
6/30/2010	9.16	9.49	681.69
10/29/2010		NOT SAMPLED	
1/10/2012	10.58	10.91	680.27
9/29/2015	9.79	10.12	681.06
11/30/2015[1]	8.58	8.91	682.27
12/4/2015[2]	7.00	7.33	683.85
4/25/2016	9.83	10.16	681.02

NA: Not Analyzed
ft msl: feet above mean sea level
** = 0.02 ft. Product thickness recorded
+ = Measurements taken by Key Environmental
DATE[1] = Pre-Injection Water Level
DATE[2] = Post-Injection Water Level

TABLE A.7
Groundwater Natural Attenuation
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID		NR 140 Preventive Action Limit	NR 140 Enforcement Standard	SMW-1									SMW-2								
Sample Date				12/12/06	09/25/07	12/06/07	09/09/08	08/18/09	01/10/12	09/30/15	INJECTION DEC. 2015	4/26/16	12/12/06	09/25/07	12/06/07	09/09/08	08/18/09	01/10/12	09/30/15	INJECTION DEC. 2015	4/26/16
Groundwater Elevation				682.46	682.06	680.92	682.05	681.43	682.21	683.03		683.84	684.09	683.74	681.92	683.66	682.89	683.28	683.27		684.64
Notes																					
FIELD PARAMETERS																					
Temperature	C°	NS	NS	10	16	16.3	14.85	16.9	14.0	18.18		10.77	10.1	16.2	16	16.29	15.3	13.5	20.53		11.41
Specific Conductivity	mS/cm	NS	NS	NR	NR	NR	NR	NR	NR	10182		7951	NR	NR	NR	NR	NR	NR	1532		1475
Dissolved Oxygen (field)	mg/l	NS	NS	0.24	0.25	0.42	0.42	0.34	0.95	1.70		5.34	0.38	0.31	0.48	0.40	0.35	1.90	8.01		7.39
pH		NS	NS	7.00	7.00	7.00	7.15	7.1	7.0	6.12		6.27	7	7	7	7.31	7.4	7.1	6.87		7.25
ORP	mV	NS	NS	56.0	-35.0	-34.0	-194.4	2.0	-89.0	-21.8		143.2	103.0	123.0	149.0	-22.2	42.0	164.0	194.6		142.1
LABORATORY PARAMETERS																					
Dissolved Iron	mg/l	*0.15*	**0.3**	0.0048	0.0034	0.0030	2.0	2.0	10.0	--		--	0.0	0.0	0.0	0.0	0.0	0.0	--		--
Dissolved Manganese	mg/l	*0.025*	**0.05**	--	--	--	--	--	*259*	--		--	--	--	--	--	--	*68.0*	--		--
Sulfate	mg/l	*125*	**250**	--	--	--	--	--	86.1	--		--	--	--	--	--	--	57.4	--		--
Nitrate/Nitrite	mg/l	*2*	**10**	--	--	--	--	--	<0.1	--		--	--	--	--	--	--	*9.4*	--		--
Methane	ug/l	NS	NS	--	--	--	--	--	--	--		--	--	--	--	--	--	--	--		--
Ethane	ug/l	NS	NS	--	--	--	--	--	--	--		--	--	--	--	--	--	--	--		--
Ethene	ug/l	NS	NS	--	--	--	--	--	--	--		--	--	--	--	--	--	--	--		--
Total Organic Carbon	mg/l	NS	NS	--	--	--	--	--	--	--		--	--	--	--	--	--	--	--		--

Notes:
NS = No standard established
Bold value indicates exceedance of NR 140.10 or 140.12 Enforcement Standard
ITALICS value exceeds NR 140.10 or 140.12 PAL
*: Public Welfare Standard from Table 2, NR 140.12
**: Values beyond standard range of concentration, meter operation suspect

TABLE A.7
Groundwater Natural Attenuation
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID				SMW-3												
Sample Date		NR 140 Preventive Action Limit	NR 140 Enforcement Standard	12/12/06	09/25/07	12/06/07	09/09/08	08/18/09	07/01/10	10/29/10	01/10/12	09/30/15	INJECTION DEC. 2015	11/30/15	12/4/15	4/26/16
Groundwater Elevation				679.93	679.01	678.96	679.47	678.65	680.12	678.47	678.83	679.14		680.24	680.46	679.68
Notes														(1)	(2)	
FIELD PARAMETERS																
Temperature	C°	NS	NS	10.7	16.7	16.1	15.23	15	13.6	15.1	14.2	16.91		--	--	11.32
Specific Conductivity	mS/cm	NS	NS	NR	NR	NR	NR	NR	NR	NR	NR	5254		3333	2650	6009
Dissolved Oxygen (field)	mg/l	NS	NS	0.29	0.34	0.39	0.39	0.23	0.28	0.38	0.50	0.40		4.83	3.82	0.82
pH		NS	NS	7	7	7	7.18	7.4	7	7	7.0	6.14		6.68	6.87	6.30
ORP	mV	NS	NS	64.0	9.0	-5.0	-22.5	-122.0	-4.0	-35.0	-24.0	-31.3		109.4	111.2	-28.8
LABORATORY PARAMETERS																
Dissolved Iron	mg/l	*0.15*	**0.3**	0.8	3.0	3.0	2.6	3.0	--	--	4.8	--		--	--	--
Dissolved Manganese	mg/l	*0.025*	**0.05**	--	--	285.0	292.0	--	--	--	177	--		--	--	--
Sulfate	mg/l	*125*	**250**	--	--	15.32	4.23	--	--	--	8.8 J	--		--	--	--
Nitrate/Nitrite	mg/l	*2*	**10**	--	--	0.03 J	<0.1	--	--	--	<0.1	--		--	--	--
Methane	ug/l	NS	NS	--	--	--	--	--	--	--	--	--		--	--	--
Ethane	ug/l	NS	NS	--	--	--	--	--	--	--	--	--		--	--	--
Ethene	ug/l	NS	NS	--	--	--	--	--	--	--	--	--		--	--	--
Total Organic Carbon	mg/l	NS	NS	--	--	--	--	--	--	--	--	--		--	--	--

Notes:
NS = No standard established
Bold value indicates exceedance of NR 140.10 or 140.12 Enforcement Standard
ITALICS value exceeds NR 140.10 or 140.12 PAL
*: Public Welfare Standard from Table 2, NR 140.12
**: Values beyond standard range of concentration, meter operation suspect

TABLE A.7
Groundwater Natural Attenuation
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID		NR 140 Preventive Action Limit	NR 140 Enforcement Standard	SMW-4										
Sample Date				12/12/06	09/25/07	12/06/07	09/09/08	08/18/09	01/10/12	09/30/15	INJECTION DEC. 2015	11/30/15	12/04/15	04/26/16
Groundwater Elevation				680.23	678.83	678.71	678.97	678.34	679.17	681.45		681.98	681.00	680.54
Notes												(1)	(2)	
FIELD PARAMETERS														
Temperature	C°	NS	NS	10.6	15.4	15.5	13.8	13.5	13.8	16.61		--	--	10.81
Specific Conductivity	mS/cm	NS	NS	NR	NR	NR	NR	NR	NR	4420		4769	5255	3907
Dissolved Oxygen (field)	mg/l	NS	NS	0.48	0.65	2.22	0.85	0.26	1.00	6.98		2.86	1.36	0.58
pH		NS	NS	7	7	7	7.83	7	7.2	6.27		6.62	6.22	6.78
ORP	mV	NS	NS	112.0	121.0	78.0	-29.8	140.0	29.0	214.8		153.2	11.8	-91.5
LABORATORY PARAMETERS														
Dissolved Iron	mg/l	*0.15*	**0.3**	0.0	0.0	0.0	0.0	0.0	0.0	--		--	--	--
Dissolved Manganese	mg/l	*0.025*	**0.05**	--	--	--	--	--	39.6	--		--	--	--
Sulfate	mg/l	*125*	**250**	--	--	--	--	--	33	--		--	--	--
Nitrate/Nitrite	mg/l	*2*	**10**	--	--	--	--	--	2.6	--		--	--	--
Methane	ug/l	NS	NS	--	--	--	--	--	--	--		--	--	--
Ethane	ug/l	NS	NS	--	--	--	--	--	--	--		--	--	--
Ethene	ug/l	NS	NS	--	--	--	--	--	--	--		--	--	--
Total Organic Carbon	mg/l	NS	NS	--	--	--	--	--	--	--		--	--	--

Notes:
NS = No standard established
Bold value indicates exceedance of NR 140.10 or 140.12 Enforcement Standard
ITALICS value exceeds NR 140.10 or 140.12 PAL
*: Public Welfare Standard from Table 2, NR 140.12
**: Values beyond standard range of concentration, meter operation suspect

TABLE A.7
Groundwater Natural Attenuation
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID		NR 140 Preventive Action Limit	NR 140 Enforcement Standard	SMW-5								SMW-6								
Sample Date				12/12/06	09/25/07	12/06/07	09/09/08	08/18/09	01/10/12	09/30/15	04/26/16	09/25/07	12/06/07	09/09/08	08/18/09	01/10/12	09/30/15	11/30/15	12/04/15	04/26/16
Groundwater Elevation				682.85	681.25	680.57	681.43	680.57	681.28	683.00	682.85	681.81	681.91	682.23	681.61	681.68	682.68	683.44	684.19	682.43
Notes																		(1)	(2)	
FIELD PARAMETERS																				
Temperature	C°	NS	NS	10.2	16	15.5	14.21	14.8	12.8	18.95	9.79	16.7	16.1	15.1	14.9	13.3	17.43	--	--	10.07
Specific Conductivity	mS/cm	NS	NS	NR	NR	NR	NR	NR	NR	2337	1745	NR	NR	NR	NR	NA	10923	10528	4000	8061
Dissolved Oxygen (field)	mg/l	NS	NS	0.42	2.28	0.94	0.48	1.08	2.00	2.37	1.92	7.23	0.78	0.62	0.30	3.00	7.69	7.25	2.41	7.07
pH		NS	NS	7	7	7	7.64	7.6	7.4	6.94	6.77	7	7	7.39	7.1	7.1	6.27	6.52	6.83	6.65
ORP	mV	NS	NS	98.0	122.0	141.0	-133.2	65.0	154.0	187.8	152.4	125.0	62.0	-193.8	9.0	20.0	248.0	146.7	98.9	127.8
LABORATORY PARAMETERS																				
Dissolved Iron	mg/l	*0.15*	**0.3**	0.0	0.0	0.0	0.0	0.0	0.0	--	--	0.0	0.0	0.0	0.0	0.0	--	--	--	--
Dissolved Manganese	mg/l	*0.025*	**0.05**	--	--	15.1	<4.8	--	<4.8	--	--	--	--	--	--	11.4	--	--	--	--
Sulfate	mg/l	*125*	**250**	--	--	23.54	18.1	--	35.9	--	--	--	--	--	--	57.1	--	--	--	--
Nitrate/Nitrite	mg/l	*2*	**10**	--	--	0.78	1.17	--	2.8	--	--	--	--	--	--	0.2 J	--	--	--	--
Methane	ug/l	NS	NS	--	--	<1	2.3	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethane	ug/l	NS	NS	--	--	<1	<0.25	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethene	ug/l	NS	NS	--	--	<1	<0.25	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Organic Carbon	mg/l	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

INJECTION DEC. 2015

INJECTION DEC. 2015

Notes:
NS = No standard established
Bold value indicates exceedance of NR 140.10 or 140.12 Enforcement Standard
ITALICS value exceeds NR 140.10 or 140.12 PAL
*: Public Welfare Standard from Table 2, NR 140.12
**: Values beyond standard range of concentration, meter operation suspect

TABLE A.7
Groundwater Natural Attenuation
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID				SMW-7											
Sample Date		NR 140 Preventive Action Limit	NR 140 Enforcement Standard	09/25/07	12/06/07	09/09/08	08/18/09	07/01/10	10/29/10	01/10/12	09/30/15	INJECTION DEC. 2015	11/30/15	12/04/15	04/26/16
Groundwater Elevation				681.13	680.41	681.45	680.81	683.43	680.24	681.80	682.34		684.28	684.85	683.21
Notes													(1)	(2)	
FIELD PARAMETERS															
Temperature	C°	NS	NS	17.1	16.6	15.49	15.6	14	15.4	14.2	19.41		--	--	11.26
Specific Conductivity	mS/cm	NS	NS	NR	NR	NR	NR	NR	NR	NR	9809		4069	2907	5789
Dissolved Oxygen (field)	mg/l	NS	NS	0.39	0.24	0.48	0.57	0.23	0.40	0.68	1.35		4.53	4.46	2.62
pH		NS	NS	7	7	7.12	7.4	7	7	7.1	6.30		7.09	7.26	6.80
ORP	mV	NS	NS	30.0	-75.0	-286.2	-96.0	-32.0	-70.0	-100.0	-66.3		104.0	109.0	-23.1
LABORATORY PARAMETERS															
Dissolved Iron	mg/l	*0.15*	**0.3**	3.0	2.8	2.8	4.0	--	--	10.0	--		--	--	--
Dissolved Manganese	mg/l	*0.025*	**0.05**	--	256.5	92.5	--	--	--	71.9	--		--	--	--
Sulfate	mg/l	*125*	**250**	--	37.34	4.34	--	--	--	7.2 J	--		--	--	--
Nitrate/Nitrite	mg/l	*2*	**10**	--	2.17	0.10 J	--	--	--	<0.1	--		--	--	--
Methane	ug/l	NS	NS	--	--	--	--	--	--	--	--		--	--	--
Ethane	ug/l	NS	NS	--	--	--	--	--	--	--	--		--	--	--
Ethene	ug/l	NS	NS	--	--	--	--	--	--	--	--		--	--	--
Total Organic Carbon	mg/l	NS	NS	--	--	--	--	--	--	--	--		--	--	--

Notes:
NS = No standard established
Bold value indicates exceedance of NR 140.10 or 140.12 Enforcement Standard
ITALICS value exceeds NR 140.10 or 140.12 PAL
*: Public Welfare Standard from Table 2, NR 140.12
**: Values beyond standard range of concentration, meter operation suspect

TABLE A.7
Groundwater Natural Attenuation
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID				SMW-8											
Sample Date		NR 140 Preventive Action Limit	NR 140 Enforcement Standard	09/25/07	12/06/07	09/09/08	08/18/09	07/01/10	10/29/10	01/10/12	09/30/15	INJECTION DEC. 2015	11/30/15	12/04/15	04/26/16
Groundwater Elevation				679.30	679.08	679.36	678.90	681.62	678.60	679.76	679.97		682.55	682.77	680.56
Notes													(1)	(2)	
FIELD PARAMETERS															
Temperature	C°	NS	NS	15.5	15.3	13.96	13.9	12.4	15.8	13.3	16.76		--	--	10.08
Specific Conductivity	mS/cm	NS	NS	NR	NR	NR	NR	NR	NR	NR	3879		5060	5273	5119
Dissolved Oxygen (field)	mg/l	NS	NS	3.50	0.15	0.53	0.16	4.04	0.33	0.40	7.76		2.08	2.25	3.39
pH		NS	NS	7	7	7.75	7.7	7	7	7.3	6.56		6.59	6.55	6.51
ORP	mV	NS	NS	106.0	-58.0	-139.8	-57.0	112.0	26.0	-72.0	73.0		147.2	55.5	50.1
LABORATORY PARAMETERS															
Dissolved Iron	mg/l	*0.15*	**0.3**	0.0	2.0	9.4	3.0	--	--	4.2	--		--	--	--
Dissolved Manganese	mg/l	*0.025*	**0.05**	--	169.5	116.0	--	--	--	316	--		--	--	--
Sulfate	mg/l	*125*	**250**	--	22.75	1.82 J	--	--	--	18.8	--		--	--	--
Nitrate/Nitrite	mg/l	*2*	**10**	--	0.06 J	<0.1	--	--	--	<0.1	--		--	--	--
Methane	ug/l	NS	NS	--	--	--	--	--	--	--	--		--	--	--
Ethane	ug/l	NS	NS	--	--	--	--	--	--	--	--		--	--	--
Ethene	ug/l	NS	NS	--	--	--	--	--	--	--	--		--	--	--
Total Organic Carbon	mg/l	NS	NS	--	--	--	--	--	--	--	--		--	--	--

Notes:
NS = No standard established
Bold value indicates exceedance of NR 140.10 or 140.12 Enforcement Standard
ITALICS value exceeds NR 140.10 or 140.12 PAL
*: Public Welfare Standard from Table 2, NR 140.12
**: Values beyond standard range of concentration, meter operation suspect

TABLE A.7
Groundwater Natural Attenuation
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID		NR 140 Preventive Action Limit	NR 140 Enforcement Standard	SMW-9									SMW-10								
Sample Date				09/25/07	12/06/07	09/09/08	08/18/09	01/10/12	09/30/15	11/30/15	INJECTION DEC. 2015	12/04/15	04/26/16	09/09/08	08/18/09	07/01/10	10/29/10	01/10/12	09/30/15	11/30/15	INJECTION DEC. 2015	12/04/15	04/26/16
Groundwater Elevation				678.95	678.85	679.39	678.60	679.08	680.47	681.68		682.61	680.35	678.23	677.94	680.07	677.51	678.29	678.27	680.29		680.26	679.57
Notes										(1)		(2)								(1)		(2)	
FIELD PARAMETERS																							
Temperature	C°	NS	NS	16.7	16.6	15.06	15.1	13.8	17.86	--		--	11.12	12.84	12.5	11.7	14.4	13.0	14.3	--		--	9.96
Specific Conductivity	mS/cm	NS	NS	NR	NR	NR	NR	NR	970	1840		2380	2371	NR	NR	NR	NR	NR	2541	3829		4141	3434
Dissolved Oxygen (field)	mg/l	NS	NS	0.49	0.20	0.37	0.17	0.41	5.36	1.83		0.74	0.62	0.60	0.32	0.35	0.35	0.50	0.30	0.73		0.39	0.61
pH		NS	NS	7	7	7.29	7	7.2	6.77	6.84		6.85	6.65	7.49	7	7	7	7.4	6.39	6.47		6.55	6.82
ORP	mV	NS	NS	-9.0	-101.0	-205.4	-40.0	-139.0	-13.1	40.1		37.6	-49.6	-152.4	146.0	51.0	-120.0	-101.0	-93.3	-35.1		-15.4	-52.2
LABORATORY PARAMETERS																							
Dissolved Iron	mg/l	*0.15*	**0.3**	4.2	4.0	3.6	6.0	4.0	--	*1.55*		--	*24.6*	0.0	3.0	--	--	5.2	--	*4.12*		--	*12*
Dissolved Manganese	mg/l	*0.025*	**0.05**	--	496.5	447.0	--	--	--	*0.586*		--	*1.1*	174.0	--	--	--	288	--	*0.452*		--	*0.578*
Sulfate	mg/l	*125*	**250**	--	49.08	38.6	--	--	--	41.9		--	14.6 J	8.13	--	--	--	89.8	--	36.7		--	40.3
Nitrate/Nitrite	mg/l	*2*	**10**	--	1.61	1.22	--	--	--	--		--	--	<0.1	--	--	--	<0.1	--	--		--	--
Methane	ug/l	NS	NS	--	76.0	28.0	--	--	--	--		--	--	--	--	--	--	--	--	--		--	--
Ethane	ug/l	NS	NS	--	19.0	11.0	--	--	--	--		--	--	--	--	--	--	--	--	--		--	--
Ethene	ug/l	NS	NS	--	4.8	1.7	--	--	--	--		--	--	--	--	--	--	--	--	--		--	--
Total Organic Carbon	mg/l	NS	NS	--	--	--	--	--	--	0.51		--	166	--	--	--	--	--	--	0.61		--	<1.5

Notes:
NS = No standard established
Bold value indicates exceedance of NR 140.10 or 140.12 Enforcement Standard
ITALICS value exceeds NR 140.10 or 140.12 PAL
*: Public Welfare Standard from Table 2, NR 140.12
**: Values beyond standard range of concentration, meter operation suspect

TABLE A.7
Groundwater Natural Attenuation
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID		NR 140 Preventive Action Limit	NR 140 Enforcement Standard	SMW-11			INJECTION DEC. 2015		SMW-12			INJECTION DEC. 2015		SMW-13			INJECTION DEC. 2015	
Sample Date				09/09/08	08/18/09	09/30/15		04/26/16	09/09/08	08/18/09	09/30/15		04/26/16	08/19/09	01/10/12	09/30/15		04/26/16
Groundwater Elevation				678.76	678.13	678.46		679.44	678.64	677.78	678.38		679.04	677.63	678.08	678.04		679.00
Notes																		
FIELD PARAMETERS																		
Temperature	C°	NS	NS	12.37	12.1	12.86		9.43	13.13	12.8	13.41		9.77	12.4	12.2	13.41		8.51
Specific Conductivity	mS/cm	NS	NS	NR	NR	2014		2022	NR	NR	3644		953	NR	NR	1652.0		1774
Dissolved Oxygen (field)	mg/l	NS	NS	NR	0.35	3.50		6.20	0.84	0.26	0.42		8.20	1.12	0.80	4.55		7.97
pH		NS	NS	NR	7	6.54		6.78	7.62	7	6.46		7.33	7	7.5	6.6		6.40
ORP	mV	NS	NS	NR	100.0	217.3		32.4	-219.2	126.0	234.3		138.0	163.0	-30.0	216.7		106.5
LABORATORY PARAMETERS																		
Dissolved Iron	mg/l	*0.15*	**0.3**	0.0	0.0	--		--	0.0	0.0	--		--	0.0	0.0	--		--
Dissolved Manganese	mg/l	*0.025*	**0.05**	104.0	--	--		--	109.0	--	--		--	--	22.4	--		--
Sulfate	mg/l	*125*	**250**	92.8	--	--		--	77.5	--	--		--	--	39.6	--		--
Nitrate/Nitrite	mg/l	*2*	**10**	5.11	--	--		--	8.10	--	--		--	--	15.0	--		--
Methane	ug/l	NS	NS	--	--	--		--	--	--	--		--	--	--	--		--
Ethane	ug/l	NS	NS	--	--	--		--	--	--	--		--	--	--	--		--
Ethene	ug/l	NS	NS	--	--	--		--	--	--	--		--	--	--	--		--
Total Organic Carbon	mg/l	NS	NS	--	--	--		--	--	--	--		--	--	--	--		--

Notes:
NS = No standard established
Bold value indicates exceedance of NR 140.10 or 140.12 Enforcement Standard
ITALICS value exceeds NR 140.10 or 140.12 PAL
*: Public Welfare Standard from Table 2, NR 140.12
**: Values beyond standard range of concentration, meter operation suspect

TABLE A.7
Groundwater Natural Attenuation
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID		NR 140 Preventive Action Limit	NR 140 Enforcement Standard	SMW-14			PZ-1						
Sample Date				08/18/09	09/30/15	04/26/16	12/06/07	09/09/08	08/18/09	09/30/15	11/30/15	12/04/15	04/26/16
Groundwater Elevation				677.27	677.48	678.56	678.96	679.89	668.34	679.68	680.29	680.26	680.16
Notes											(1)	(2)	
FIELD PARAMETERS													
Temperature	C°	NS	NS	12.2	14.21	9.30	15.2	13.49	13.2	13.78	--	--	13.05
Specific Conductivity	mS/cm	NS	NS	NR	3237	2770	NR	NR	NR	893	366	427	933
Dissolved Oxygen (field)	mg/l	NS	NS	0.91	2.60	6.60	7.40	1.02	3.68	10.84	8.39	5.66	8.37
pH		NS	NS	7	6.35	6.83	7	8.02	7.9	7.33	10.58	10.19	7.88
ORP	mV	NS	NS	129.0	225.2	66.3	108.0	-219.5	102.0	241.1	98.0	-57.2	104.0
LABORATORY PARAMETERS													
Dissolved Iron	mg/l	*0.15*	**0.3**	0.0	--	--	0.0	0.0	0.0	--	--	--	--
Dissolved Manganese	mg/l	*0.025*	**0.05**	--	--	--	--	--	--	--	--	--	--
Sulfate	mg/l	*125*	**250**	--	--	--	--	--	--	--	--	--	--
Nitrate/Nitrite	mg/l	*2*	**10**	--	--	--	--	--	--	--	--	--	--
Methane	ug/l	NS	NS	--	--	--	--	--	--	--	--	--	--
Ethane	ug/l	NS	NS	--	--	--	--	--	--	--	--	--	--
Ethene	ug/l	NS	NS	--	--	--	--	--	--	--	--	--	--
Total Organic Carbon	mg/l	NS	NS	--	--	--	--	--	--	--	--	--	--

INJECTION DEC. 2015

INJECTION DEC. 2015

Notes:
NS = No standard established
Bold value indicates exceedance of NR 140.10 or 140.12 Enforcement Standard
ITALICS value exceeds NR 140.10 or 140.12 PAL
*: Public Welfare Standard from Table 2, NR 140.12
**: Values beyond standard range of concentration, meter operation suspect

TABLE A.7
Groundwater Natural Attenuation
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID		NR 140 Preventive Action Limit	NR 140 Enforcement Standard	PZ-2						MW-1						
Sample Date				09/09/08	08/18/09	07/01/10	10/29/10	09/30/15	04/26/16	12/12/06	09/25/07	12/06/07	09/09/08	08/18/09	09/30/15	04/26/16
Groundwater Elevation				678.11	677.76	678.93	677.52	677.90	678.90	679.56	678.12	678.00	678.60	677.80	678.35	679.15
Notes																
FIELD PARAMETERS																
Temperature	C°	NS	NS	12.81	12.7	12.2	14.4	13.10	12.89	10.4	15.1	15.4	13.75	13.8	15.32	10.32
Specific Conductivity	mS/cm	NS	NS	NR	NR	NR	NR	2916	2307	NR	NR	NR	NR	NR	4114	2712
Dissolved Oxygen (field)	mg/l	NS	NS	1.21	0.49	3.14	5.30	9.28	8.11	0.40	0.50	0.20	0.82	0.34	4.60	6.48
pH		NS	NS	8.38	7	7	7	7.01	7.54	7	7	7	7.5	7.5	6.43	6.86
ORP	mV	NS	NS	-31.1	89.0	68.0	95.0	258.7	125.4	103.0	96.0	44.0	-151.6	40.0	100.5	147.4
LABORATORY PARAMETERS																
Dissolved Iron	mg/l	*0.15*	**0.3**	0.0	0.0	--	--	--	--	0.0	0.0	0.0	0.0	0.0	--	--
Dissolved Manganese	mg/l	*0.025*	**0.05**	--	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate	mg/l	*125*	**250**	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrate/Nitrite	mg/l	*2*	**10**	--	--	--	--	--	--	--	--	--	--	--	--	--
Methane	ug/l	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethane	ug/l	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethene	ug/l	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Organic Carbon	mg/l	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--

INJECTION DEC. 2015

INJECTION DEC. 2015

Notes:
NS = No standard established
Bold value indicates exceedance of NR 140.10 or 140.12 Enforcement Standard
ITALICS value exceeds NR 140.10 or 140.12 PAL
*: Public Welfare Standard from Table 2, NR 140.12
**: Values beyond standard range of concentration, meter operation suspect

TABLE A.7
Groundwater Natural Attenuation
Master Drycleaning, Inc.
6326 W. Bluemound Rd., Wauwatosa, WI 53213
BRRTS# 02-41-545142

Sample ID				MW-2									MW-3								
Sample Date		NR 140 Preventive Action Limit	NR 140 Enforcement Standard	12/12/06	09/25/07	12/06/07	09/09/08	08/18/09	01/10/12	09/30/15	INJECTION DEC. 2015	04/26/16	12/12/06	09/25/07	12/06/07	09/09/08	08/18/09	01/10/12	09/30/15	INJECTION DEC. 2015	04/26/16
Groundwater Elevation				680.26	679.21	679.09	679.67	678.61	679.10	679.34		679.66	681.48	679.93	679.74	679.92	679.49	680.27	681.06		681.02
Notes																					
FIELD PARAMETERS																					
Temperature	C°	NS	NS	10.5	17.5	16	16.23	16.2	13.7	16.76		11.23	10.2	16.7	16	14.5	14.3	14.0	17.55		10.96
Specific Conductivity	mS/cm	NS	NS	NR	NR	NR	NR	NR	NR	3595		3431	NR	NR	NR	NR	NR	NR	3900		4368
Dissolved Oxygen (field)	mg/l	NS	NS	0.44	0.95	0.77	0.71	0.72	1.00	5.81		3.67	0.39	0.43	0.23	0.62	0.16	0.65	3.94		0.58
pH		NS	NS	7	7	7	7.56	7.6	7.6	6.5		6.89	7	7	7	7.28	7.5	7.2	6.42		6.55
ORP	mV	NS	NS	105.0	156.0	95.0	-166.5	39.0	5.0	281.0		111.0	88.0	8.0	-53.0	-141.5	65.0	23.0	128.4		-89.6
LABORATORY PARAMETERS																					
Dissolved Iron	mg/l	*0.15*	**0.3**	0.0	0.0	--	0.0	0.5	0.0	--		--	0.8	1.0	3.2	0.0	1.0	0.6	--		--
Dissolved Manganese	mg/l	*0.025*	**0.05**	--	--	--	--	--	16.5	--		--	--	--	519.6	678.0	--	662	--		--
Sulfate	mg/l	*125*	**250**	--	--	--	--	--	38.6	--		--	--	--	49.8	49.8	--	59.4	--		--
Nitrate/Nitrite	mg/l	*2*	**10**	--	--	--	--	--	14.2	--		--	--	--	0.09	0.13 J	--	4.4	--		--
Methane	ug/l	NS	NS	--	--	--	--	--	--	--		--	--	--	14.0	5.0	--	--	--		--
Ethane	ug/l	NS	NS	--	--	--	--	--	--	--		--	--	--	13.0	6.5	--	--	--		--
Ethene	ug/l	NS	NS	--	--	--	--	--	--	--		--	--	--	<1	0.5	--	--	--		--
Total Organic Carbon	mg/l	NS	NS	--	--	--	--	--	--	--		--	--	--	--	--	--	--	--		--

Notes:
NS = No standard established
Bold value indicates exceedance of NR 140.10 or 140.12 Enforcement Standard
ITALICS value exceeds NR 140.10 or 140.12 PAL
*: Public Welfare Standard from Table 2, NR 140.12
**: Values beyond standard range of concentration, meter operation suspect

LEGEND

MW–14 MONITORING WELL / PIEZOMETER

GROUNDWATER FLOW DIRECTION

679.44 GROUNDWATER ELEVATION (FT/MSL)

678.90* NOT USED IN CONTOUR

532 64TH ST. HOUSE
GARAGE
GARAGE
SMW–13
679.00
679
SMW–12
679.04
524 64TH ST. HOUSE
GARAGE
(48' TO N.)
SMW–14
678.56
GRASS
SMW–11
679.44
518 64TH ST. HOUSE
MW–1
679.15
CONC
MILWAUKEE POLICE ASSOCIATION
6310 WEST BLUEMOUND ROAD
SMW–10
679.57
680
GARAGE
CB–STRM
64TH ST.
GRASS
SIDEWALK
GRASS
SMW–8
680.56
SMW–4
680.54
PZ–2
678.90*
ASPH
ASPH
MW–2
679.66
680.16*
PZ–1
MW–3
681.02
681
SMW–5
682.85
SUMP
SMW–9
680.35*
ASPH
CONC
SMW–3
679.68*
682
SMW–7
683.21
SMW–1
683.84
CONC
APPROXIMATE PROPERTY LINE
ASPH
684
683
SMW–6
682.43
CB–STRM
SMW–2
684.64
SIDEWALK
GRASS
CB–STRM
W. BLUEMOUND ROAD

N
W E
S

20 0 20
GRAPHIC SCALE IN FEET

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS
IOWA
WISCONSIN

MASTER DRYCLEANING INC.
6326 W. BLUEMOUND RD.
WAUWATOSA, WI 53213

DRWN: MKH DATE: 00/00/00 APPD: XXX

TITLE:
GROUNDWATER ELEVATION
APRIL 26, 2016

BRRTS: 02–41–545142
JOB NO.: 15–1209
PLOT DATE: 5/16/16

FIGURE: 1

G:\C3D\15\15–1209_Master_Clnr\Exhibits\BaseMap–Master–15 1209.dwg FIG 4A–GW ELEV 4.26.16

LEGEND

MW–1
MONITORING WELL

9/25/15	SAMPLE DATE
PCE	TETRACHLOROETHENE (ug/l)
TCE	TRICHLOROEHTENE (ug/l)
cis	cis-1,2,-DICHLOROETHENE (ug/l)
trans	trans-1,2,-DICHLOROETHENE (ug/l)
VC	VINYL CHLORIDE (ug/l)
11DCE	1,1-DICHLOROTHENE (ug/l)
12DCA	1,2-DICHLORETHANE (ug/L)
B	BENZENE (ug/l)
E	ETHYLBENZENE (ug/l)
X	XYLENES, TOTAL (ug/l)
N	NAPHTHTALENE (ug/l)
TMB	TRIMETHYLBENZENES, TOTAL (ug/l)
Fe	IRON, DISSOLVED (mg/L)
Mn	MANGANESE, DISSOLVED (mg/L)
As	ARSENIC, DISSOLVED (ug/L)
ITALICS+	EXCEEDS NR140 PREVENTIVE ACTION LIMIT
BOLD++	EXCEEDS NR140 ENFORCEMENT STANDART
ND	NO DETECT
DBS	DETECTIONS BELOW STANDARDS

532 64TH ST. HOUSE
GARAGE
GARAGE
SMW–13
VOC ND
524 64TH ST. HOUSE
SMW–12
VOC ND
GARAGE
SMW–14
(48' TO N.)
cis ***282++***
trans 14.9
VC ***22.3++***
GRASS
SMW–11
cis ***126++***
trans 7.1
VC ***19.1++***
518 64TH ST. HOUSE
MW–1
PCE *4.3+*
TCE ***6.6++***
cis 0.78
CONC
MILWAUKEE POLICE ASSOCIATION
6310 WEST BLUEMOUND ROAD
PCE *1.0+*
TCE ***75.7++***
cis ***162++***
SMW–10
VC ***2.9++***
E 19.2
T 67.0
X 336
TMB *226.7+*
Fe ***12++***
Mn ***0.578++***
As ***12.3++***
GARAGE
GRASS
64TH ST.
SMW–8
TCE *0.53+*
cis 2.3
ASPH
SMW–4
PCE ***21.9++***
TCE ***13.0++***
cis ***658++***
trans 14.4
VC ***15.3++***
E 2.8
X 8.1
PZ–2
PCE *4.7+*
cis *8.4+*
trans 0.87
ASPH
MW–2
TCE *0.59+*
SIDEWALK
GRASS
GRASS
PCE ***14,100++***
TCE ***1,710++***
cis ***47,000++***
trans ***180++***
VC ***2,110++***
1,1DCE ***352++***
E *179+*
Fe ***24.6++***
Mn 1.1++
As ***16.5++***
PCE *1.7+*
PZ–1
SMW–9
MW–3
TCE *4.4+*
cis ***436++***
trans 10.0
VC ***480++***
FRMR DCM
SMW–5
VOC ND
ASPH
CONC
SMW–7
E ***1,580++***
T 36.2
X ***6,970++***
N ***120++***
TMB ***1,000++***
SMW–3
PCE ***28.7++***
TCE ***56.2++***
cis ***105++***
trans 2.6
VC ***40.9++***
MC *1.9+*
12DCA *1.8+*
B ***24.2++***
E 31.9
T 10.0
X 6.7
TMB 17.5
SMW–1
E 20.1
X 1.9
TMB 0.68
FORMER 2,000 GAL GASOLINE UST
FORMER 3,000 GAL GASOLINE UST
CONC
ASPH
APPROXIMATE LOCATION OF FORMER DISPENSER
SMW–2
VOC ND
SMW–6
PCE *2.0+*
SIDEWALK
GRASS
W. BLUEMOUND ROAD

N
W E
S

20 0 20
GRAPHIC SCALE IN FEET

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS IOWA WISCONSIN

MASTER DRYCLEANING INC.
6326 BLUEMOUND RD.
WAUWATOSA, WI 53213

DRWN: MKH DATE: 10/1/15 APPD: XXX

TITLE:
GROUNDWATER CHEMISTRY
APRIL 25 & 26, 2016

BRRTS: 02–41–545142
JOB NO.: 15–1209
PLOT DATE: 6/8/16

FIGURE: 2

G:\C3D\15\15–1209_Master_Clnr\Exhibits\BaseMap–Master–15 1209.dwg GW_CHEM 4.26.16

LEGEND

VP–1
SUB–SLAB VAPOR SAMPLING POINT

PCE	TETRACHLOROETHENE (ug/m3)
TCE	TRICHLOROETHENE (ug/m3)
DBS	DETECTIONS BELOW STANDARDS
ITALICS+	EXCEEDS WDNR/WDHFS SMALL COMMERCIAL SUB-SLAB VAPOR STANDARDS

532 64TH ST. HOUSE
GARAGE
GARAGE
524 64TH ST. HOUSE
GARAGE
518 64TH ST. HOUSE
GARAGE
CONC
CB–STRM
MILWAUKEE POLICE ASSOCIATION
6310 WEST BLUEMOUND ROAD
GRASS
ASPH
ASPH
B–101
VP–2
PCE *63,100+*
TCE *545+*
SUMP
FRMR DCM
B–102
B–103
VP–1
CONC
ASPH
VOC DBS
64TH ST.
GRASS
SIDEWALK
GRASS
SAN
W
E
G
8" SAN
6" WATER
ABAN. 4" GAS
FORMER 2,000 GAL GASOLINE UST
FORMER 3,000 GAL GASOLINE UST
ASPH
APPROXIMATE LOCATION OF FORMER DISPENSER
APPROXIMATE PROPERTY LINE
CONC
CB–STRM
SIDEWALK
GRASS
CB–STRM
W. BLUEMOUND ROAD

N
W E
S

20 0 20
GRAPHIC SCALE IN FEET

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS
IOWA
WISCONSIN

MASTER DRYCLEANING INC.
6326 W. BLUEMOUND RD.
WAUWATOSA, WI 53213

DRWN: MKH DATE: 00/00/00 APPD: XXX

TITLE:
VAPOR CHEMISTRY
FEB 24, 2016

BRRTS: 02–41–545142
JOB NO.: 15–1209
PLOT DATE: 3/10/16

FIGURE: 3

G:\C3D\15\15–1209 Master Clnr\Exhibits\BaseMap–Master–15.1209.dwg, FIG 7 – VAP CHEM 2.24.16

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

March 10, 2016

Mr. Ken Ebbott
Fehr Graham
1237 Pilgrim Road
Plymouth, WI 53073

RE: Project: 15-1209 Master Dry Cleaning
Pace Project No.: 10339922

Dear Mr. Ebbott:
Enclosed are the analytical results for sample(s) received by the laboratory on February 26, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Carolynne Trout

Carolynne Trout
carolynne.trout@pacelabs.com
Project Manager

Enclosures

cc: Megan Hansen, Fehr Graham

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: 15-1209 Master Dry Cleaning
Pace Project No.: 10339922

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414
525 N 8th Street, Salina, KS 67401
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Alabama Certification #40770
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: 8TMS-L
Florida/NELAP Certification #: E87605
Guam Certification #:14-008r
Georgia Certification #: 959
Georgia EPD #: Pace
Idaho Certification #: MN00064
Hawaii Certification #MN00064
Illinois Certification #: 200011
Indiana Certification#C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky Dept of Envi. Protection - DW #90062
Kentucky Dept of Envi. Protection - WW #:90062
Louisiana DEQ Certification #: 3086
Louisiana DHH #: LA140001
Maine Certification #: 2013011
Maryland Certification #: 322
Michigan DEPH Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT0092
Nevada Certification #: MN_00064
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Carolina State Public Health #: 27700
North Dakota Certification #: R-036
Ohio EPA #: 4150
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Saipan (CNMI) #:MP0003
South Carolina #:74003001
Texas Certification #: T104704192
Tennessee Certification #: 02818
Utah Certification #: MN000642013-4
Virginia DGS Certification #: 251
Virginia/VELAP Certification #: Pace
Washington Certification #: C486
West Virginia Certification #: 382
West Virginia DHHR #:9952C
Wisconsin Certification #: 999407970

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: 15-1209 Master Dry Cleaning
Pace Project No.: 10339922

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10339922001	**VP-1**	Air	02/24/16 01:39	02/26/16 10:30
10339922002	**VP-2**	Air	02/24/16 02:00	02/26/16 10:30

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: 15-1209 Master Dry Cleaning
Pace Project No.: 10339922

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10339922001	**VP-1**	TO-15	DR1, MJL	61	PASI-M
10339922002	**VP-2**	TO-15	DR1, MJL	61	PASI-M

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 15-1209 Master Dry Cleaning
Pace Project No.: 10339922

Sample: VP-1 **Lab ID: 10339922001** Collected: 02/24/16 01:39 Received: 02/26/16 10:30 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**38.4**	ug/m3	9.4	1.3	1.55		03/04/16 22:40	67-64-1	
Benzene	**0.84**	ug/m3	0.50	0.19	1.55		03/04/16 22:40	71-43-2	
Benzyl chloride	**<0.26**	ug/m3	1.6	0.26	1.55		03/04/16 22:40	100-44-7	
Bromodichloromethane	**<0.30**	ug/m3	2.1	0.30	1.55		03/04/16 22:40	75-27-4	
Bromoform	**<1.4**	ug/m3	8.1	1.4	1.55		03/04/16 22:40	75-25-2	
Bromomethane	**0.77J**	ug/m3	1.2	0.48	1.55		03/04/16 22:40	74-83-9	
1,3-Butadiene	**<0.27**	ug/m3	0.70	0.27	1.55		03/04/16 22:40	106-99-0	
2-Butanone (MEK)	**2.9J**	ug/m3	4.6	0.35	1.55		03/04/16 22:40	78-93-3	
Carbon disulfide	**0.37J**	ug/m3	0.98	0.16	1.55		03/04/16 22:40	75-15-0	
Carbon tetrachloride	**<0.30**	ug/m3	0.99	0.30	1.55		03/04/16 22:40	56-23-5	
Chlorobenzene	**<0.21**	ug/m3	1.5	0.21	1.55		03/04/16 22:40	108-90-7	
Chloroethane	**<0.30**	ug/m3	0.84	0.30	1.55		03/04/16 22:40	75-00-3	
Chloroform	**<0.29**	ug/m3	0.77	0.29	1.55		03/04/16 22:40	67-66-3	
Chloromethane	**<0.17**	ug/m3	0.65	0.17	1.55		03/04/16 22:40	74-87-3	
Cyclohexane	**27.8**	ug/m3	1.1	0.49	1.55		03/04/16 22:40	110-82-7	
Dibromochloromethane	**<1.3**	ug/m3	2.7	1.3	1.55		03/04/16 22:40	124-48-1	
1,2-Dibromoethane (EDB)	**<1.2**	ug/m3	2.4	1.2	1.55		03/04/16 22:40	106-93-4	
1,2-Dichlorobenzene	**<0.79**	ug/m3	1.9	0.79	1.55		03/04/16 22:40	95-50-1	
1,3-Dichlorobenzene	**<0.82**	ug/m3	1.9	0.82	1.55		03/04/16 22:40	541-73-1	
1,4-Dichlorobenzene	**<0.77**	ug/m3	1.9	0.77	1.55		03/04/16 22:40	106-46-7	
Dichlorodifluoromethane	**3.2**	ug/m3	1.6	0.74	1.55		03/04/16 22:40	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/m3	1.3	0.24	1.55		03/04/16 22:40	75-34-3	
1,2-Dichloroethane	**<0.32**	ug/m3	0.64	0.32	1.55		03/04/16 22:40	107-06-2	
1,1-Dichloroethene	**<0.37**	ug/m3	1.3	0.37	1.55		03/04/16 22:40	75-35-4	
cis-1,2-Dichloroethene	**<0.38**	ug/m3	1.3	0.38	1.55		03/04/16 22:40	156-59-2	
trans-1,2-Dichloroethene	**<0.60**	ug/m3	1.3	0.60	1.55		03/04/16 22:40	156-60-5	
1,2-Dichloropropane	**<0.42**	ug/m3	1.5	0.42	1.55		03/04/16 22:40	78-87-5	
cis-1,3-Dichloropropene	**<0.57**	ug/m3	1.4	0.57	1.55		03/04/16 22:40	10061-01-5	
trans-1,3-Dichloropropene	**<0.40**	ug/m3	1.4	0.40	1.55		03/04/16 22:40	10061-02-6	
Dichlorotetrafluoroethane	**<0.48**	ug/m3	2.2	0.48	1.55		03/04/16 22:40	76-14-2	
Ethanol	**73.1**	ug/m3	1.5	0.41	1.55		03/04/16 22:40	64-17-5	
Ethyl acetate	**<0.54**	ug/m3	1.1	0.54	1.55		03/04/16 22:40	141-78-6	
Ethylbenzene	**2.6**	ug/m3	1.4	0.66	1.55		03/04/16 22:40	100-41-4	
4-Ethyltoluene	**3.3**	ug/m3	1.6	0.29	1.55		03/04/16 22:40	622-96-8	
n-Heptane	**20.4**	ug/m3	1.3	0.43	1.55		03/04/16 22:40	142-82-5	
Hexachloro-1,3-butadiene	**<1.0**	ug/m3	3.4	1.0	1.55		03/04/16 22:40	87-68-3	
n-Hexane	**55.3**	ug/m3	1.1	0.55	1.55		03/04/16 22:40	110-54-3	
2-Hexanone	**<0.64**	ug/m3	6.5	0.64	1.55		03/04/16 22:40	591-78-6	
Methylene Chloride	**0.95J**	ug/m3	5.5	0.84	1.55		03/04/16 22:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.34**	ug/m3	6.5	0.34	1.55		03/04/16 22:40	108-10-1	
Methyl-tert-butyl ether	**<0.47**	ug/m3	5.7	0.47	1.55		03/04/16 22:40	1634-04-4	
Naphthalene	**6.3**	ug/m3	4.1	0.47	1.55		03/04/16 22:40	91-20-3	
2-Propanol	**8.0**	ug/m3	3.9	0.37	1.55		03/04/16 22:40	67-63-0	
Propylene	**<0.21**	ug/m3	0.54	0.21	1.55		03/04/16 22:40	115-07-1	
Styrene	**0.37J**	ug/m3	1.3	0.30	1.55		03/04/16 22:40	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.51**	ug/m3	1.1	0.51	1.55		03/04/16 22:40	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 15-1209 Master Dry Cleaning
Pace Project No.: 10339922

Sample: VP-1 **Lab ID: 10339922001** Collected: 02/24/16 01:39 Received: 02/26/16 10:30 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Tetrachloroethene	**608**	ug/m3	10.7	4.3	15.5		03/07/16 16:25	127-18-4	
Tetrahydrofuran	**<0.18**	ug/m3	0.93	0.18	1.55		03/04/16 22:40	109-99-9	
Toluene	**15.3**	ug/m3	1.2	0.24	1.55		03/04/16 22:40	108-88-3	
1,2,4-Trichlorobenzene	**<1.4**	ug/m3	5.8	1.4	1.55		03/04/16 22:40	120-82-1	
1,1,1-Trichloroethane	**<0.38**	ug/m3	1.7	0.38	1.55		03/04/16 22:40	71-55-6	
1,1,2-Trichloroethane	**<0.38**	ug/m3	0.85	0.38	1.55		03/04/16 22:40	79-00-5	
Trichloroethene	**1.1**	ug/m3	0.85	0.43	1.55		03/04/16 22:40	79-01-6	
Trichlorofluoromethane	**1.2J**	ug/m3	1.8	0.20	1.55		03/04/16 22:40	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.47**	ug/m3	2.5	0.47	1.55		03/04/16 22:40	76-13-1	
1,2,4-Trimethylbenzene	**15.0**	ug/m3	1.5	0.19	1.55		03/04/16 22:40	95-63-6	
1,3,5-Trimethylbenzene	**2.9**	ug/m3	1.5	0.28	1.55		03/04/16 22:40	108-67-8	
Vinyl acetate	**<0.51**	ug/m3	1.1	0.51	1.55		03/04/16 22:40	108-05-4	
Vinyl chloride	**<0.30**	ug/m3	0.40	0.30	1.55		03/04/16 22:40	75-01-4	
m&p-Xylene	**8.9**	ug/m3	2.7	1.2	1.55		03/04/16 22:40	179601-23-1	
o-Xylene	**3.6**	ug/m3	1.4	0.54	1.55		03/04/16 22:40	95-47-6	

Sample: VP-2 **Lab ID: 10339922002** Collected: 02/24/16 02:00 Received: 02/26/16 10:30 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**227**	ug/m3	8.4	1.2	1.39		03/04/16 23:07	67-64-1	
Benzene	**6.8**	ug/m3	0.45	0.17	1.39		03/04/16 23:07	71-43-2	
Benzyl chloride	**<0.23**	ug/m3	1.5	0.23	1.39		03/04/16 23:07	100-44-7	
Bromodichloromethane	**<0.27**	ug/m3	1.9	0.27	1.39		03/04/16 23:07	75-27-4	
Bromoform	**<1.3**	ug/m3	7.3	1.3	1.39		03/04/16 23:07	75-25-2	
Bromomethane	**<0.43**	ug/m3	1.1	0.43	1.39		03/04/16 23:07	74-83-9	
1,3-Butadiene	**<0.24**	ug/m3	0.63	0.24	1.39		03/04/16 23:07	106-99-0	
2-Butanone (MEK)	**37.7**	ug/m3	4.2	0.32	1.39		03/04/16 23:07	78-93-3	
Carbon disulfide	**3.4**	ug/m3	0.88	0.14	1.39		03/04/16 23:07	75-15-0	
Carbon tetrachloride	**<0.27**	ug/m3	0.89	0.27	1.39		03/04/16 23:07	56-23-5	
Chlorobenzene	**<0.19**	ug/m3	1.3	0.19	1.39		03/04/16 23:07	108-90-7	
Chloroethane	**<0.27**	ug/m3	0.75	0.27	1.39		03/04/16 23:07	75-00-3	
Chloroform	**<0.26**	ug/m3	0.69	0.26	1.39		03/04/16 23:07	67-66-3	
Chloromethane	**<0.15**	ug/m3	0.58	0.15	1.39		03/04/16 23:07	74-87-3	
Cyclohexane	**86.9**	ug/m3	0.97	0.44	1.39		03/04/16 23:07	110-82-7	
Dibromochloromethane	**<1.2**	ug/m3	2.4	1.2	1.39		03/04/16 23:07	124-48-1	
1,2-Dibromoethane (EDB)	**<1.1**	ug/m3	2.2	1.1	1.39		03/04/16 23:07	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/m3	1.7	0.71	1.39		03/04/16 23:07	95-50-1	
1,3-Dichlorobenzene	**<0.74**	ug/m3	1.7	0.74	1.39		03/04/16 23:07	541-73-1	
1,4-Dichlorobenzene	**<0.69**	ug/m3	1.7	0.69	1.39		03/04/16 23:07	106-46-7	
Dichlorodifluoromethane	**3.5**	ug/m3	1.4	0.67	1.39		03/04/16 23:07	75-71-8	
1,1-Dichloroethane	**<0.22**	ug/m3	1.1	0.22	1.39		03/04/16 23:07	75-34-3	
1,2-Dichloroethane	**<0.28**	ug/m3	0.57	0.28	1.39		03/04/16 23:07	107-06-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 15-1209 Master Dry Cleaning
Pace Project No.: 10339922

Sample: VP-2 **Lab ID: 10339922002** Collected: 02/24/16 02:00 Received: 02/26/16 10:30 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
1,1-Dichloroethene	**<0.33**	ug/m3	1.1	0.33	1.39		03/04/16 23:07	75-35-4	
cis-1,2-Dichloroethene	**7.1**	ug/m3	1.1	0.34	1.39		03/04/16 23:07	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/m3	1.1	0.53	1.39		03/04/16 23:07	156-60-5	
1,2-Dichloropropane	**<0.38**	ug/m3	1.3	0.38	1.39		03/04/16 23:07	78-87-5	
cis-1,3-Dichloropropene	**<0.51**	ug/m3	1.3	0.51	1.39		03/04/16 23:07	10061-01-5	
trans-1,3-Dichloropropene	**<0.36**	ug/m3	1.3	0.36	1.39		03/04/16 23:07	10061-02-6	
Dichlorotetrafluoroethane	**<0.43**	ug/m3	2.0	0.43	1.39		03/04/16 23:07	76-14-2	
Ethanol	**96.5**	ug/m3	1.3	0.37	1.39		03/04/16 23:07	64-17-5	
Ethyl acetate	**<0.48**	ug/m3	1.0	0.48	1.39		03/04/16 23:07	141-78-6	
Ethylbenzene	**4.5**	ug/m3	1.2	0.59	1.39		03/04/16 23:07	100-41-4	
4-Ethyltoluene	**2.6**	ug/m3	1.4	0.26	1.39		03/04/16 23:07	622-96-8	
n-Heptane	**16.5**	ug/m3	1.2	0.39	1.39		03/04/16 23:07	142-82-5	
Hexachloro-1,3-butadiene	**<0.90**	ug/m3	3.1	0.90	1.39		03/04/16 23:07	87-68-3	
n-Hexane	**141**	ug/m3	1.0	0.50	1.39		03/04/16 23:07	110-54-3	
2-Hexanone	**<0.57**	ug/m3	5.8	0.57	1.39		03/04/16 23:07	591-78-6	
Methylene Chloride	**<0.75**	ug/m3	4.9	0.75	1.39		03/04/16 23:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.4J**	ug/m3	5.8	0.30	1.39		03/04/16 23:07	108-10-1	
Methyl-tert-butyl ether	**<0.42**	ug/m3	5.1	0.42	1.39		03/04/16 23:07	1634-04-4	
Naphthalene	**5.3**	ug/m3	3.7	0.42	1.39		03/04/16 23:07	91-20-3	
2-Propanol	**27.6**	ug/m3	3.5	0.33	1.39		03/04/16 23:07	67-63-0	
Propylene	**<0.19**	ug/m3	0.49	0.19	1.39		03/04/16 23:07	115-07-1	
Styrene	**0.56J**	ug/m3	1.2	0.27	1.39		03/04/16 23:07	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.46**	ug/m3	0.97	0.46	1.39		03/04/16 23:07	79-34-5	
Tetrachloroethene	**63100**	ug/m3	613	247	889.6		03/07/16 17:10	127-18-4	A3
Tetrahydrofuran	**<0.17**	ug/m3	0.83	0.17	1.39		03/04/16 23:07	109-99-9	
Toluene	**142**	ug/m3	1.1	0.21	1.39		03/04/16 23:07	108-88-3	
1,2,4-Trichlorobenzene	**<1.3**	ug/m3	5.2	1.3	1.39		03/04/16 23:07	120-82-1	
1,1,1-Trichloroethane	**<0.34**	ug/m3	1.5	0.34	1.39		03/04/16 23:07	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/m3	0.76	0.34	1.39		03/04/16 23:07	79-00-5	
Trichloroethene	**545**	ug/m3	489	246	889.6		03/07/16 17:10	79-01-6	A3
Trichlorofluoromethane	**1.0J**	ug/m3	1.6	0.18	1.39		03/04/16 23:07	75-69-4	
1,1,2-Trichlorotrifluoroethane	**0.82J**	ug/m3	2.2	0.42	1.39		03/04/16 23:07	76-13-1	
1,2,4-Trimethylbenzene	**9.2**	ug/m3	1.4	0.17	1.39		03/04/16 23:07	95-63-6	
1,3,5-Trimethylbenzene	**2.2**	ug/m3	1.4	0.25	1.39		03/04/16 23:07	108-67-8	
Vinyl acetate	**<0.46**	ug/m3	1.0	0.46	1.39		03/04/16 23:07	108-05-4	
Vinyl chloride	**<0.27**	ug/m3	0.36	0.27	1.39		03/04/16 23:07	75-01-4	
m&p-Xylene	**12.6**	ug/m3	2.5	1.1	1.39		03/04/16 23:07	179601-23-1	
o-Xylene	**5.0**	ug/m3	1.2	0.49	1.39		03/04/16 23:07	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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(612)607-1700

QUALITY CONTROL DATA

Project: 15-1209 Master Dry Cleaning
Pace Project No.: 10339922

QC Batch: AIR/25372 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10339922001, 10339922002

METHOD BLANK: 2204151 Matrix: Air
Associated Lab Samples: 10339922001, 10339922002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.25	1.1	03/04/16 17:58	
1,1,2,2-Tetrachloroethane	ug/m3	<0.33	0.70	03/04/16 17:58	
1,1,2-Trichloroethane	ug/m3	<0.25	0.55	03/04/16 17:58	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.30	1.6	03/04/16 17:58	
1,1-Dichloroethane	ug/m3	<0.16	0.82	03/04/16 17:58	
1,1-Dichloroethene	ug/m3	<0.24	0.81	03/04/16 17:58	
1,2,4-Trichlorobenzene	ug/m3	<0.91	3.8	03/04/16 17:58	
1,2,4-Trimethylbenzene	ug/m3	<0.12	1.0	03/04/16 17:58	
1,2-Dibromoethane (EDB)	ug/m3	<0.77	1.6	03/04/16 17:58	
1,2-Dichlorobenzene	ug/m3	<0.51	1.2	03/04/16 17:58	
1,2-Dichloroethane	ug/m3	<0.20	0.41	03/04/16 17:58	
1,2-Dichloropropane	ug/m3	<0.27	0.94	03/04/16 17:58	
1,3,5-Trimethylbenzene	ug/m3	<0.18	1.0	03/04/16 17:58	
1,3-Butadiene	ug/m3	<0.18	0.45	03/04/16 17:58	
1,3-Dichlorobenzene	ug/m3	<0.53	1.2	03/04/16 17:58	
1,4-Dichlorobenzene	ug/m3	<0.50	1.2	03/04/16 17:58	
2-Butanone (MEK)	ug/m3	<0.23	3.0	03/04/16 17:58	
2-Hexanone	ug/m3	<0.41	4.2	03/04/16 17:58	
2-Propanol	ug/m3	<0.24	2.5	03/04/16 17:58	
4-Ethyltoluene	ug/m3	<0.19	1.0	03/04/16 17:58	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.22	4.2	03/04/16 17:58	
Acetone	ug/m3	<0.83	6.0	03/04/16 17:58	
Benzene	ug/m3	<0.12	0.32	03/04/16 17:58	
Benzyl chloride	ug/m3	<0.17	1.0	03/04/16 17:58	
Bromodichloromethane	ug/m3	<0.19	1.4	03/04/16 17:58	
Bromoform	ug/m3	<0.90	5.3	03/04/16 17:58	
Bromomethane	ug/m3	<0.31	0.79	03/04/16 17:58	
Carbon disulfide	ug/m3	<0.10	0.63	03/04/16 17:58	
Carbon tetrachloride	ug/m3	<0.19	0.64	03/04/16 17:58	
Chlorobenzene	ug/m3	<0.13	0.94	03/04/16 17:58	
Chloroethane	ug/m3	<0.19	0.54	03/04/16 17:58	
Chloroform	ug/m3	<0.19	0.50	03/04/16 17:58	
Chloromethane	ug/m3	<0.11	0.42	03/04/16 17:58	
cis-1,2-Dichloroethene	ug/m3	<0.25	0.81	03/04/16 17:58	
cis-1,3-Dichloropropene	ug/m3	<0.37	0.92	03/04/16 17:58	
Cyclohexane	ug/m3	<0.32	0.70	03/04/16 17:58	
Dibromochloromethane	ug/m3	<0.86	1.7	03/04/16 17:58	
Dichlorodifluoromethane	ug/m3	<0.48	1.0	03/04/16 17:58	
Dichlorotetrafluoroethane	ug/m3	<0.31	1.4	03/04/16 17:58	
Ethanol	ug/m3	<0.26	0.96	03/04/16 17:58	
Ethyl acetate	ug/m3	<0.35	0.73	03/04/16 17:58	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 15-1209 Master Dry Cleaning
Pace Project No.: 10339922

METHOD BLANK: 2204151 Matrix: Air
Associated Lab Samples: 10339922001, 10339922002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/m3	<0.42	0.88	03/04/16 17:58	
Hexachloro-1,3-butadiene	ug/m3	<0.65	2.2	03/04/16 17:58	
m&p-Xylene	ug/m3	<0.79	1.8	03/04/16 17:58	
Methyl-tert-butyl ether	ug/m3	<0.30	3.7	03/04/16 17:58	
Methylene Chloride	ug/m3	<0.54	3.5	03/04/16 17:58	
n-Heptane	ug/m3	<0.28	0.83	03/04/16 17:58	
n-Hexane	ug/m3	<0.36	0.72	03/04/16 17:58	
Naphthalene	ug/m3	1.7J	2.7	03/04/16 17:58	
o-Xylene	ug/m3	<0.35	0.88	03/04/16 17:58	
Propylene	ug/m3	<0.14	0.35	03/04/16 17:58	
Styrene	ug/m3	<0.19	0.87	03/04/16 17:58	
Tetrachloroethene	ug/m3	<0.28	0.69	03/04/16 17:58	
Tetrahydrofuran	ug/m3	<0.12	0.60	03/04/16 17:58	
Toluene	ug/m3	<0.15	0.77	03/04/16 17:58	
trans-1,2-Dichloroethene	ug/m3	<0.38	0.81	03/04/16 17:58	
trans-1,3-Dichloropropene	ug/m3	<0.26	0.92	03/04/16 17:58	
Trichloroethene	ug/m3	<0.28	0.55	03/04/16 17:58	
Trichlorofluoromethane	ug/m3	<0.13	1.1	03/04/16 17:58	
Vinyl acetate	ug/m3	<0.33	0.72	03/04/16 17:58	
Vinyl chloride	ug/m3	<0.20	0.26	03/04/16 17:58	

LABORATORY CONTROL SAMPLE: 2204152

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	57.7	54.5	94	60-143	
1,1,2,2-Tetrachloroethane	ug/m3	74	80.9	109	49-150	
1,1,2-Trichloroethane	ug/m3	58.8	62.2	106	57-149	
1,1,2-Trichlorotrifluoroethane	ug/m3	81.8	84.5	103	66-131	
1,1-Dichloroethane	ug/m3	43.2	42.1	97	62-139	
1,1-Dichloroethene	ug/m3	42.3	40.9	97	62-135	
1,2,4-Trichlorobenzene	ug/m3	73.9	77.0	104	55-146	
1,2,4-Trimethylbenzene	ug/m3	51.5	62.8	122	57-143	
1,2-Dibromoethane (EDB)	ug/m3	82.8	90.1	109	63-150	
1,2-Dichlorobenzene	ug/m3	62.9	65.6	104	57-141	
1,2-Dichloroethane	ug/m3	43.6	40.1	92	61-144	
1,2-Dichloropropane	ug/m3	50.2	51.3	102	63-144	
1,3,5-Trimethylbenzene	ug/m3	51.5	60.2	117	54-147	
1,3-Butadiene	ug/m3	23.2	23.7	102	61-140	
1,3-Dichlorobenzene	ug/m3	63.6	63.9	101	51-150	
1,4-Dichlorobenzene	ug/m3	61.7	63.1	102	57-143	
2-Butanone (MEK)	ug/m3	32.1	33.0	103	66-144	
2-Hexanone	ug/m3	45	55.9	124	63-147	
2-Propanol	ug/m3	25.7	27.8	108	54-146	
4-Ethyltoluene	ug/m3	49.5	60.8	123	56-150	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 15-1209 Master Dry Cleaning
Pace Project No.: 10339922

LABORATORY CONTROL SAMPLE: 2204152

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	43.7	52.7	120	58-150	
Acetone	ug/m3	24.9	28.0	113	46-140	
Benzene	ug/m3	34.4	34.3	100	62-141	
Benzyl chloride	ug/m3	54.7	51.4	94	66-138	
Bromodichloromethane	ug/m3	71.5	74.1	104	58-149	
Bromoform	ug/m3	113	103	91	61-150	
Bromomethane	ug/m3	38.3	38.0	99	58-136	
Carbon disulfide	ug/m3	33.2	31.8	96	59-135	
Carbon tetrachloride	ug/m3	67.1	72.8	108	60-149	
Chlorobenzene	ug/m3	50.1	53.0	106	60-150	
Chloroethane	ug/m3	26	27.1	104	61-136	
Chloroform	ug/m3	51.6	49.6	96	65-138	
Chloromethane	ug/m3	21	20.7	98	62-133	
cis-1,2-Dichloroethene	ug/m3	43.5	42.6	98	65-139	
cis-1,3-Dichloropropene	ug/m3	51.7	52.5	102	61-149	
Cyclohexane	ug/m3	36.7	37.6	102	64-134	
Dibromochloromethane	ug/m3	97	109	112	59-150	
Dichlorodifluoromethane	ug/m3	50.3	49.7	99	63-134	
Dichlorotetrafluoroethane	ug/m3	69.6	70.0	100	62-134	
Ethanol	ug/m3	20.3	20.8	102	50-144	
Ethyl acetate	ug/m3	38.1	37.4	98	55-146	
Ethylbenzene	ug/m3	47.2	50.0	106	59-149	
Hexachloro-1,3-butadiene	ug/m3	108	105	96	42-150	
m&p-Xylene	ug/m3	47.7	53.1	111	59-146	
Methyl-tert-butyl ether	ug/m3	38.5	40.4	105	64-135	
Methylene Chloride	ug/m3	38.8	34.9	90	64-128	
n-Heptane	ug/m3	44.2	41.6	94	64-140	
n-Hexane	ug/m3	37.6	30.2	80	50-138	
Naphthalene	ug/m3	55.9	53.4	96	46-146	
o-Xylene	ug/m3	46.8	50.5	108	54-149	
Propylene	ug/m3	18.9	17.1	90	58-135	
Styrene	ug/m3	45.5	53.4	118	54-150	
Tetrachloroethene	ug/m3	72.4	78.4	108	60-142	
Tetrahydrofuran	ug/m3	32.7	29.3	90	56-143	
Toluene	ug/m3	41	38.7	94	61-138	
trans-1,2-Dichloroethene	ug/m3	41.1	43.9	107	67-137	
trans-1,3-Dichloropropene	ug/m3	51.7	57.2	111	59-145	
Trichloroethene	ug/m3	57.4	61.1	106	60-144	
Trichlorofluoromethane	ug/m3	58.2	53.8	92	59-134	
Vinyl acetate	ug/m3	39.7	37.9	95	55-143	
Vinyl chloride	ug/m3	26.5	27.0	102	63-135	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 15-1209 Master Dry Cleaning
Pace Project No.: 10339922

SAMPLE DUPLICATE: 2204878

Parameter	Units	10339696009 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	<0.40		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	<0.53		25	
1,1,2-Trichloroethane	ug/m3	ND	<0.40		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	<0.48		25	
1,1-Dichloroethane	ug/m3	ND	<0.25		25	
1,1-Dichloroethene	ug/m3	ND	<0.38		25	
1,2,4-Trichlorobenzene	ug/m3	ND	<1.5		25	
1,2,4-Trimethylbenzene	ug/m3	ND	0.94J		25	
1,2-Dibromoethane (EDB)	ug/m3	ND	<1.2		25	
1,2-Dichlorobenzene	ug/m3	ND	<0.82		25	
1,2-Dichloroethane	ug/m3	ND	<0.33		25	
1,2-Dichloropropane	ug/m3	ND	<0.43		25	
1,3,5-Trimethylbenzene	ug/m3	ND	<0.29		25	
1,3-Butadiene	ug/m3	ND	<0.28		25	
1,3-Dichlorobenzene	ug/m3	ND	<0.85		25	
1,4-Dichlorobenzene	ug/m3	ND	<0.80		25	
2-Butanone (MEK)	ug/m3	ND	2.2J		25	
2-Hexanone	ug/m3	ND	<0.66		25	
2-Propanol	ug/m3	ND	<0.39		25	
4-Ethyltoluene	ug/m3	ND	0.46J		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	<0.35		25	
Acetone	ug/m3	ND	9.0J		25	
Benzene	ug/m3	1.8	1.7	5	25	
Benzyl chloride	ug/m3	ND	<0.27		25	
Bromodichloromethane	ug/m3	ND	<0.31		25	
Bromoform	ug/m3	ND	<1.5		25	
Bromomethane	ug/m3	ND	<0.50		25	
Carbon disulfide	ug/m3	ND	<0.16		25	
Carbon tetrachloride	ug/m3	ND	<0.31		25	
Chlorobenzene	ug/m3	ND	<0.22		25	
Chloroethane	ug/m3	ND	<0.31		25	
Chloroform	ug/m3	ND	<0.31		25	
Chloromethane	ug/m3	2.2	2.2	0	25	
cis-1,2-Dichloroethene	ug/m3	ND	<0.40		25	
cis-1,3-Dichloropropene	ug/m3	ND	<0.59		25	
Cyclohexane	ug/m3	ND	<0.51		25	
Dibromochloromethane	ug/m3	ND	<1.4		25	
Dichlorodifluoromethane	ug/m3	2.6	2.7	4	25	
Dichlorotetrafluoroethane	ug/m3	ND	<0.50		25	
Ethanol	ug/m3	24.1	23.0	5	25	
Ethyl acetate	ug/m3	ND	<0.56		25	
Ethylbenzene	ug/m3	ND	0.74J		25	
Hexachloro-1,3-butadiene	ug/m3	ND	<1.0		25	
m&p-Xylene	ug/m3	ND	2.8J		25	
Methyl-tert-butyl ether	ug/m3	ND	<0.49		25	
Methylene Chloride	ug/m3	ND	1.2J		25	
n-Heptane	ug/m3	ND	0.48J		25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 15-1209 Master Dry Cleaning
Pace Project No.: 10339922

SAMPLE DUPLICATE: 2204878

Parameter	Units	10339696009 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	ND	0.86J		25	
Naphthalene	ug/m3	ND	2.5J		25	
o-Xylene	ug/m3	ND	0.86J		25	
Propylene	ug/m3	5.7	5.5	4	25	
Styrene	ug/m3	ND	<0.31		25	
Tetrachloroethene	ug/m3	ND	<0.53		25	
Tetrahydrofuran	ug/m3	ND	<0.19		25	
Toluene	ug/m3	6.2	5.9	5	25	
trans-1,2-Dichloroethene	ug/m3	ND	<0.62		25	
trans-1,3-Dichloropropene	ug/m3	ND	<0.42		25	
Trichloroethene	ug/m3	ND	<0.44		25	
Trichlorofluoromethane	ug/m3	ND	1.2J		25	
Vinyl acetate	ug/m3	1.9	2.1	9	25	
Vinyl chloride	ug/m3	ND	<0.31		25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: 15-1209 Master Dry Cleaning
Pace Project No.: 10339922

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 LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

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 at or above the adjusted LOD.

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-M	Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

A3	The sample was analyzed by serial dilution.

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 15-1209 Master Dry Cleaning
Pace Project No.: 10339922

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10339922001	**VP-1**	TO-15	AIR/25372		
10339922002	**VP-2**	TO-15	AIR/25372		

1033992

Pace Analytical®
www.pacelabs.com

AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

23898

Page: 1 of 1

Section A Required Client Information:

Company: Fehr Graham
Address: 1237 Pilgrim Rd.
Plymouth, WI 53073
Email To: Kebbott@fehr-graham.com
Phone: 920-892-2444 Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ken Ebbott
Copy To: Mark Gibeault
Purchase Order No.: 15-1209
Project Name: Master Dry Cleaning
Project Number: 15-1209

Section C Invoice Information:

Attention: Ken Ebbott
Company Name: c/o Fehr Graham
Address:
Pace Quote Reference:
Pace Project Manager/Sales Rep.: Carolynne Trout
Pace Profile #:

Program: UST ☐ Superfund ☐ Emissions ☐ Clean Air Act ☐ Voluntary Clean Up ☒ Dry Clean ☐ RCRA ☐ Other

Location of Sampling by State: WI

Reporting Units: ug/m³ ___ mg/m³ ___ PPBV ___ PPMV ___ Other ___

Report Level II.___ III.___ IV.___ Other___

'Section D Required Client Information

AIR SAMPLE ID
Sample IDs MUST BE UNIQUE

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

ITEM #	AIR SAMPLE ID	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	Canister Pressure (Initial Field - psig)	Canister Pressure (Final Field - psig)	Summa Can Number	Flow Control Number	Method: PM10	3C: Fixed Gas (%)	TO-3	TO-3M (Methane)	TO-4 (PCBs)	TO-13 (PAH)	TO-14	TO-15	TO15 Short List*	Pace Lab ID
1	VP-1	6LC	1	2/24/16	1:04	2/24/16	1:39	23	5	01471203	7							X			001
2	VP-2	6LC	4	2/24/16	1:25	2/24/16	2:00	29	4	04361203	1							X			002
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Comments :

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Mark R. Gibeault	2/25/16	9:15	[illegible]	2/25/16	1120
			Pace	22616	1030

SAMPLE CONDITIONS

Temp in °C	Received on Ice Y/N	Custody Sealed Cooler Y/N	Samples Intact Y/N
MB	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Mark R. Gibeault

SIGNATURE of SAMPLER: Mark R. Gibeault DATE Signed (MM/DD/YY): 02/24/16

ORIGINAL

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414 Air Technical Phone: 612.607.6386

Pace Analytical®	Document Name: Air Sample Condition Upon Receipt	Document Revised: 29June2015 Page 1 of 1
	Document No.: F-MN-A-106-rev.10	Issuing Authority: Pace Minnesota Quality Office

Air Sample Condition Upon Receipt

Client Name: Fehr Graham

Project #: WO# : 10339922

10339922

Courier: ☐ Fed Ex ☐ UPS ☐ Speedee ☐ Client ☐ Commercial ☐ Pace ☒ Other: waltco

Tracking Number:

Custody Seal on Cooler/Box Present? ☐ Yes ☑ No **Seals Intact?** ☐ Yes ☒ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ Foam ☐ None ☐ Tin Can ☐ Other: **Temp Blank rec:** ☐ Yes ☒ No

Temp. (TO17 and TO13 samples only) (°C): **Corrected Temp (°C):** **Thermom. Used:** ☐ B88A912167504 ☐ B88A9132521491 ☐ 72337080 ☐ 80512447

Temp should be above freezing to 6°C **Correction Factor:** 0 **Date & Initials of Person Examining Contents:** 2/22/16

Type of ice Received ☐ Blue ☐ Wet ☒ None

				Comments:
Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☒ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☒ Yes	☐ No	☐ N/A	3.
Sampler Name and/or Signature on COC?	☒ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☒ No	☐ N/A	6.
Rush Turn Around Time Requested?	☐ Yes	☒ No	☐ N/A	7.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	9.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	10.
Media: (Air Can) Airbag Filter TDT Passive				11.
Sample Labels Match COC?	☒ Yes	☐ No	☐ N/A	12.

Samples Received:

Canisters			Canisters		
Sample Number	Can ID	Flow Controller ID	Sample Number	Can ID	Flow Controller ID
VP-1	0147	0572			
VP-2	0436	0556			

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Date: 2/29/16

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

May 11, 2016

Ken Ebbott
Fehr Graham Engineering and Environmental
1237 Pilgrim Rd
Plymouth, WI 53073

RE: Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Dear Ken Ebbott:
Enclosed are the analytical results for sample(s) received by the laboratory on April 27, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Christopher Hyska

Christopher Hyska
christopher.hyska@pacelabs.com
Project Manager

Enclosures

cc: Megan Hansen, Fehr Graham Engineering and Environmental

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
Virginia VELAP ID: 460263
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Virginia VELAP Certification ID: 460263
Virginia VELAP ID: 460263
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40131442001	**SMW-1**	Water	04/25/16 16:25	04/27/16 14:20
40131442002	**SMW-2**	Water	04/25/16 16:00	04/27/16 14:20
40131442003	**SMW-3**	Water	04/25/16 08:50	04/27/16 14:20
40131442004	**SMW-4**	Water	04/26/16 07:35	04/27/16 14:20
40131442005	**SMW-5**	Water	04/25/16 16:15	04/27/16 14:20
40131442006	**SMW-6**	Water	04/26/16 06:35	04/27/16 14:20
40131442007	**SMW-7**	Water	04/26/16 08:25	04/27/16 14:20
40131442008	**SMW-8**	Water	04/25/16 16:40	04/27/16 14:20
40131442009	**SMW-9**	Water	04/26/16 09:05	04/27/16 14:20
40131442010	**SMW-10**	Water	04/26/16 08:10	04/27/16 14:20
40131442011	**SMW-11**	Water	04/26/16 07:50	04/27/16 14:20
40131442012	**SMW-12**	Water	04/26/16 07:15	04/27/16 14:20
40131442013	**SMW-13**	Water	04/25/16 16:50	04/27/16 14:20
40131442014	**SMW-14**	Water	04/26/16 08:00	04/27/16 14:20
40131442015	**MW-1**	Water	04/26/16 07:25	04/27/16 14:20
40131442016	**MW-2**	Water	04/25/16 17:20	04/27/16 14:20
40131442017	**MW-3**	Water	04/26/16 08:40	04/27/16 14:20
40131442018	**PZ-1**	Water	04/26/16 06:50	04/27/16 14:20
40131442019	**PZ-2**	Water	04/26/16 07:00	04/27/16 14:20

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SAMPLE ANALYTE COUNT

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40131442001	**SMW-1**	EPA 8260	HNW	64	PASI-G
40131442002	**SMW-2**	EPA 8260	HNW	64	PASI-G
40131442003	**SMW-3**	EPA 8260	HNW	64	PASI-G
40131442004	**SMW-4**	EPA 8260	HNW	64	PASI-G
40131442005	**SMW-5**	EPA 8260	HNW	64	PASI-G
40131442006	**SMW-6**	EPA 8260	HNW	64	PASI-G
40131442007	**SMW-7**	EPA 8260	HNW	64	PASI-G
40131442008	**SMW-8**	EPA 8260	HNW	64	PASI-G
40131442009	**SMW-9**	EPA 6010	DLB	9	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40131442010	**SMW-10**	EPA 6010	DLB	9	PASI-G
		EPA 7470	AJT	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40131442011	**SMW-11**	EPA 8260	HNW	64	PASI-G
40131442012	**SMW-12**	EPA 8260	HNW	64	PASI-G
40131442013	**SMW-13**	EPA 8260	HNW	64	PASI-G
40131442014	**SMW-14**	EPA 8260	HNW	64	PASI-G
40131442015	**MW-1**	EPA 8260	HNW	64	PASI-G
40131442016	**MW-2**	EPA 8260	HNW	64	PASI-G
40131442017	**MW-3**	EPA 8260	HNW	64	PASI-G
40131442018	**PZ-1**	EPA 8260	HNW	64	PASI-G
40131442019	**PZ-2**	EPA 8260	HNW	64	PASI-G

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-1 **Lab ID: 40131442001** Collected: 04/25/16 16:25 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:34	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/29/16 11:34	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/29/16 11:34	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:34	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:34	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/29/16 11:34	74-83-9	
n-Butylbenzene	**2.4**	ug/L	1.0	0.50	1		04/29/16 11:34	104-51-8	
sec-Butylbenzene	**7.1**	ug/L	5.0	2.2	1		04/29/16 11:34	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/29/16 11:34	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:34	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:34	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/29/16 11:34	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/29/16 11:34	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:34	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:34	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/29/16 11:34	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/29/16 11:34	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:34	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/29/16 11:34	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/29/16 11:34	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:34	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:34	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:34	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/29/16 11:34	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/29/16 11:34	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/29/16 11:34	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/29/16 11:34	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/29/16 11:34	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/29/16 11:34	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/29/16 11:34	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:34	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/29/16 11:34	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/29/16 11:34	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:34	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/29/16 11:34	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:34	108-20-3	
Ethylbenzene	**20.1**	ug/L	1.0	0.50	1		04/29/16 11:34	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/29/16 11:34	87-68-3	
Isopropylbenzene (Cumene)	**25.5**	ug/L	1.0	0.14	1		04/29/16 11:34	98-82-8	
p-Isopropyltoluene	**1.4**	ug/L	1.0	0.50	1		04/29/16 11:34	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/29/16 11:34	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/29/16 11:34	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/29/16 11:34	91-20-3	
n-Propylbenzene	**62.6**	ug/L	1.0	0.50	1		04/29/16 11:34	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:34	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/29/16 11:34	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-1 **Lab ID: 40131442001** Collected: 04/25/16 16:25 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		04/29/16 11:34	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:34	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:34	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/29/16 11:34	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/29/16 11:34	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:34	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/29/16 11:34	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/29/16 11:34	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/29/16 11:34	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:34	96-18-4	
1,2,4-Trimethylbenzene	**0.68J**	ug/L	1.0	0.50	1		04/29/16 11:34	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:34	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/29/16 11:34	75-01-4	
m&p-Xylene	**1.9J**	ug/L	2.0	1.0	1		04/29/16 11:34	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		04/29/16 11:34	460-00-4	
Dibromofluoromethane (S)	110	%	70-130		1		04/29/16 11:34	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		04/29/16 11:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-2 **Lab ID: 40131442002** Collected: 04/25/16 16:00 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:56	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/29/16 11:56	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/29/16 11:56	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:56	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:56	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/29/16 11:56	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:56	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/29/16 11:56	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/29/16 11:56	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:56	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:56	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/29/16 11:56	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/29/16 11:56	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:56	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:56	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/29/16 11:56	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/29/16 11:56	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:56	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/29/16 11:56	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/29/16 11:56	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:56	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:56	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:56	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/29/16 11:56	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/29/16 11:56	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/29/16 11:56	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/29/16 11:56	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/29/16 11:56	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/29/16 11:56	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/29/16 11:56	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:56	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/29/16 11:56	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/29/16 11:56	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:56	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/29/16 11:56	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:56	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:56	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/29/16 11:56	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/29/16 11:56	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:56	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/29/16 11:56	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/29/16 11:56	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/29/16 11:56	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:56	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:56	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/29/16 11:56	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-2 **Lab ID: 40131442002** Collected: 04/25/16 16:00 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		04/29/16 11:56	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:56	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:56	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/29/16 11:56	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/29/16 11:56	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:56	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/29/16 11:56	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/29/16 11:56	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/29/16 11:56	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:56	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:56	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:56	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/29/16 11:56	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		04/29/16 11:56	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 11:56	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		04/29/16 11:56	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		04/29/16 11:56	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		04/29/16 11:56	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-3 **Lab ID: 40131442003** Collected: 04/25/16 08:50 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**24.2**	ug/L	1.0	0.50	1		04/29/16 18:29	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/29/16 18:29	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/29/16 18:29	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:29	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:29	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/29/16 18:29	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:29	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/29/16 18:29	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/29/16 18:29	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:29	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:29	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/29/16 18:29	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/29/16 18:29	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:29	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:29	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/29/16 18:29	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/29/16 18:29	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:29	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/29/16 18:29	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/29/16 18:29	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:29	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:29	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:29	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/29/16 18:29	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/29/16 18:29	75-34-3	
1,2-Dichloroethane	**1.8**	ug/L	1.0	0.17	1		04/29/16 18:29	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/29/16 18:29	75-35-4	
cis-1,2-Dichloroethene	**105**	ug/L	1.0	0.26	1		04/29/16 18:29	156-59-2	
trans-1,2-Dichloroethene	**2.6**	ug/L	1.0	0.26	1		04/29/16 18:29	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/29/16 18:29	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:29	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/29/16 18:29	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/29/16 18:29	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:29	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/29/16 18:29	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:29	108-20-3	
Ethylbenzene	**31.9**	ug/L	1.0	0.50	1		04/29/16 18:29	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/29/16 18:29	87-68-3	
Isopropylbenzene (Cumene)	**7.2**	ug/L	1.0	0.14	1		04/29/16 18:29	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:29	99-87-6	
Methylene Chloride	**1.9**	ug/L	1.0	0.23	1		04/29/16 18:29	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/29/16 18:29	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/29/16 18:29	91-20-3	
n-Propylbenzene	**3.6**	ug/L	1.0	0.50	1		04/29/16 18:29	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:29	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/29/16 18:29	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-3 **Lab ID: 40131442003** Collected: 04/25/16 08:50 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		04/29/16 18:29	79-34-5	
Tetrachloroethene	**28.7**	ug/L	1.0	0.50	1		04/29/16 18:29	127-18-4	
Toluene	**10.0**	ug/L	1.0	0.50	1		04/29/16 18:29	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/29/16 18:29	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/29/16 18:29	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:29	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/29/16 18:29	79-00-5	
Trichloroethene	**56.2**	ug/L	1.0	0.33	1		04/29/16 18:29	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/29/16 18:29	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:29	96-18-4	
1,2,4-Trimethylbenzene	**14.8**	ug/L	1.0	0.50	1		04/29/16 18:29	95-63-6	
1,3,5-Trimethylbenzene	**2.7**	ug/L	1.0	0.50	1		04/29/16 18:29	108-67-8	
Vinyl chloride	**40.9**	ug/L	1.0	0.18	1		04/29/16 18:29	75-01-4	
m&p-Xylene	**15.0**	ug/L	2.0	1.0	1		04/29/16 18:29	179601-23-1	
o-Xylene	**6.7**	ug/L	1.0	0.50	1		04/29/16 18:29	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		04/29/16 18:29	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		04/29/16 18:29	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		04/29/16 18:29	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-4 **Lab ID: 40131442004** Collected: 04/26/16 07:35 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<2.5**	ug/L	5.0	2.5	5		04/29/16 19:12	71-43-2	
Bromobenzene	**<1.2**	ug/L	5.0	1.2	5		04/29/16 19:12	108-86-1	
Bromochloromethane	**<1.7**	ug/L	5.0	1.7	5		04/29/16 19:12	74-97-5	
Bromodichloromethane	**<2.5**	ug/L	5.0	2.5	5		04/29/16 19:12	75-27-4	
Bromoform	**<2.5**	ug/L	5.0	2.5	5		04/29/16 19:12	75-25-2	
Bromomethane	**<12.2**	ug/L	25.0	12.2	5		04/29/16 19:12	74-83-9	
n-Butylbenzene	**<2.5**	ug/L	5.0	2.5	5		04/29/16 19:12	104-51-8	
sec-Butylbenzene	**<10.9**	ug/L	25.0	10.9	5		04/29/16 19:12	135-98-8	
tert-Butylbenzene	**<0.90**	ug/L	5.0	0.90	5		04/29/16 19:12	98-06-6	
Carbon tetrachloride	**<2.5**	ug/L	5.0	2.5	5		04/29/16 19:12	56-23-5	
Chlorobenzene	**<2.5**	ug/L	5.0	2.5	5		04/29/16 19:12	108-90-7	
Chloroethane	**<1.9**	ug/L	5.0	1.9	5		04/29/16 19:12	75-00-3	
Chloroform	**<12.5**	ug/L	25.0	12.5	5		04/29/16 19:12	67-66-3	
Chloromethane	**<2.5**	ug/L	5.0	2.5	5		04/29/16 19:12	74-87-3	
2-Chlorotoluene	**<2.5**	ug/L	5.0	2.5	5		04/29/16 19:12	95-49-8	
4-Chlorotoluene	**<1.1**	ug/L	5.0	1.1	5		04/29/16 19:12	106-43-4	
1,2-Dibromo-3-chloropropane	**<10.8**	ug/L	25.0	10.8	5		04/29/16 19:12	96-12-8	
Dibromochloromethane	**<2.5**	ug/L	5.0	2.5	5		04/29/16 19:12	124-48-1	
1,2-Dibromoethane (EDB)	**<0.89**	ug/L	5.0	0.89	5		04/29/16 19:12	106-93-4	
Dibromomethane	**<2.1**	ug/L	5.0	2.1	5		04/29/16 19:12	74-95-3	
1,2-Dichlorobenzene	**<2.5**	ug/L	5.0	2.5	5		04/29/16 19:12	95-50-1	
1,3-Dichlorobenzene	**<2.5**	ug/L	5.0	2.5	5		04/29/16 19:12	541-73-1	
1,4-Dichlorobenzene	**<2.5**	ug/L	5.0	2.5	5		04/29/16 19:12	106-46-7	
Dichlorodifluoromethane	**<1.1**	ug/L	5.0	1.1	5		04/29/16 19:12	75-71-8	
1,1-Dichloroethane	**<1.2**	ug/L	5.0	1.2	5		04/29/16 19:12	75-34-3	
1,2-Dichloroethane	**<0.84**	ug/L	5.0	0.84	5		04/29/16 19:12	107-06-2	
1,1-Dichloroethene	**<2.1**	ug/L	5.0	2.1	5		04/29/16 19:12	75-35-4	
cis-1,2-Dichloroethene	**658**	ug/L	5.0	1.3	5		04/29/16 19:12	156-59-2	
trans-1,2-Dichloroethene	**14.4**	ug/L	5.0	1.3	5		04/29/16 19:12	156-60-5	
1,2-Dichloropropane	**<1.2**	ug/L	5.0	1.2	5		04/29/16 19:12	78-87-5	
1,3-Dichloropropane	**<2.5**	ug/L	5.0	2.5	5		04/29/16 19:12	142-28-9	
2,2-Dichloropropane	**<2.4**	ug/L	5.0	2.4	5		04/29/16 19:12	594-20-7	
1,1-Dichloropropene	**<2.2**	ug/L	5.0	2.2	5		04/29/16 19:12	563-58-6	
cis-1,3-Dichloropropene	**<2.5**	ug/L	5.0	2.5	5		04/29/16 19:12	10061-01-5	
trans-1,3-Dichloropropene	**<1.1**	ug/L	5.0	1.1	5		04/29/16 19:12	10061-02-6	
Diisopropyl ether	**<2.5**	ug/L	5.0	2.5	5		04/29/16 19:12	108-20-3	
Ethylbenzene	**2.8J**	ug/L	5.0	2.5	5		04/29/16 19:12	100-41-4	
Hexachloro-1,3-butadiene	**<10.5**	ug/L	25.0	10.5	5		04/29/16 19:12	87-68-3	
Isopropylbenzene (Cumene)	**<0.72**	ug/L	5.0	0.72	5		04/29/16 19:12	98-82-8	
p-Isopropyltoluene	**<2.5**	ug/L	5.0	2.5	5		04/29/16 19:12	99-87-6	
Methylene Chloride	**<1.2**	ug/L	5.0	1.2	5		04/29/16 19:12	75-09-2	
Methyl-tert-butyl ether	**<0.87**	ug/L	5.0	0.87	5		04/29/16 19:12	1634-04-4	
Naphthalene	**<12.5**	ug/L	25.0	12.5	5		04/29/16 19:12	91-20-3	
n-Propylbenzene	**<2.5**	ug/L	5.0	2.5	5		04/29/16 19:12	103-65-1	
Styrene	**<2.5**	ug/L	5.0	2.5	5		04/29/16 19:12	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.90**	ug/L	5.0	0.90	5		04/29/16 19:12	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-4 **Lab ID: 40131442004** Collected: 04/26/16 07:35 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<1.2**	ug/L	5.0	1.2	5		04/29/16 19:12	79-34-5	
Tetrachloroethene	**21.9**	ug/L	5.0	2.5	5		04/29/16 19:12	127-18-4	
Toluene	**<2.5**	ug/L	5.0	2.5	5		04/29/16 19:12	108-88-3	
1,2,3-Trichlorobenzene	**<10.7**	ug/L	25.0	10.7	5		04/29/16 19:12	87-61-6	
1,2,4-Trichlorobenzene	**<11.0**	ug/L	25.0	11.0	5		04/29/16 19:12	120-82-1	
1,1,1-Trichloroethane	**<2.5**	ug/L	5.0	2.5	5		04/29/16 19:12	71-55-6	
1,1,2-Trichloroethane	**<0.99**	ug/L	5.0	0.99	5		04/29/16 19:12	79-00-5	
Trichloroethene	**13.0**	ug/L	5.0	1.7	5		04/29/16 19:12	79-01-6	
Trichlorofluoromethane	**<0.92**	ug/L	5.0	0.92	5		04/29/16 19:12	75-69-4	
1,2,3-Trichloropropane	**<2.5**	ug/L	5.0	2.5	5		04/29/16 19:12	96-18-4	
1,2,4-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	5		04/29/16 19:12	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	5		04/29/16 19:12	108-67-8	
Vinyl chloride	**15.3**	ug/L	5.0	0.88	5		04/29/16 19:12	75-01-4	
m&p-Xylene	**8.1J**	ug/L	10.0	5.0	5		04/29/16 19:12	179601-23-1	
o-Xylene	**<2.5**	ug/L	5.0	2.5	5		04/29/16 19:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		5		04/29/16 19:12	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		5		04/29/16 19:12	1868-53-7	
Toluene-d8 (S)	97	%	70-130		5		04/29/16 19:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-5 **Lab ID: 40131442005** Collected: 04/25/16 16:15 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 08:45	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/29/16 08:45	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/29/16 08:45	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 08:45	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/29/16 08:45	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/29/16 08:45	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 08:45	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/29/16 08:45	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/29/16 08:45	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/29/16 08:45	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 08:45	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/29/16 08:45	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/29/16 08:45	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 08:45	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 08:45	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/29/16 08:45	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/29/16 08:45	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 08:45	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/29/16 08:45	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/29/16 08:45	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 08:45	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 08:45	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 08:45	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/29/16 08:45	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/29/16 08:45	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/29/16 08:45	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/29/16 08:45	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/29/16 08:45	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/29/16 08:45	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/29/16 08:45	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 08:45	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/29/16 08:45	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/29/16 08:45	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 08:45	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/29/16 08:45	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/29/16 08:45	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 08:45	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/29/16 08:45	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/29/16 08:45	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 08:45	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/29/16 08:45	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/29/16 08:45	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/29/16 08:45	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 08:45	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 08:45	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/29/16 08:45	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
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(920)469-2436

ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-5 **Lab ID: 40131442005** Collected: 04/25/16 16:15 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		04/29/16 08:45	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 08:45	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 08:45	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/29/16 08:45	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/29/16 08:45	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 08:45	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/29/16 08:45	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/29/16 08:45	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/29/16 08:45	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 08:45	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 08:45	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 08:45	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/29/16 08:45	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		04/29/16 08:45	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 08:45	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		04/29/16 08:45	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		04/29/16 08:45	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		04/29/16 08:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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(920)469-2436

ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-6 **Lab ID: 40131442006** Collected: 04/26/16 06:35 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:51	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/29/16 18:51	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/29/16 18:51	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:51	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:51	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/29/16 18:51	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:51	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/29/16 18:51	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/29/16 18:51	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:51	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:51	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/29/16 18:51	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/29/16 18:51	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:51	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:51	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/29/16 18:51	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/29/16 18:51	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:51	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/29/16 18:51	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/29/16 18:51	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:51	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:51	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:51	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/29/16 18:51	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/29/16 18:51	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/29/16 18:51	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/29/16 18:51	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/29/16 18:51	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/29/16 18:51	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/29/16 18:51	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:51	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/29/16 18:51	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/29/16 18:51	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:51	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/29/16 18:51	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:51	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:51	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/29/16 18:51	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/29/16 18:51	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:51	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/29/16 18:51	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/29/16 18:51	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/29/16 18:51	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:51	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:51	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/29/16 18:51	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-6 **Lab ID: 40131442006** Collected: 04/26/16 06:35 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		04/29/16 18:51	79-34-5	
Tetrachloroethene	**2.0**	ug/L	1.0	0.50	1		04/29/16 18:51	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:51	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/29/16 18:51	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/29/16 18:51	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:51	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/29/16 18:51	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/29/16 18:51	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/29/16 18:51	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:51	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:51	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:51	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/29/16 18:51	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		04/29/16 18:51	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 18:51	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		04/29/16 18:51	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		04/29/16 18:51	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		04/29/16 18:51	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-7 **Lab ID: 40131442007** Collected: 04/26/16 08:25 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<20.0**	ug/L	40.0	20.0	40		04/29/16 09:27	71-43-2	
Bromobenzene	**<9.2**	ug/L	40.0	9.2	40		04/29/16 09:27	108-86-1	
Bromochloromethane	**<13.6**	ug/L	40.0	13.6	40		04/29/16 09:27	74-97-5	
Bromodichloromethane	**<20.0**	ug/L	40.0	20.0	40		04/29/16 09:27	75-27-4	
Bromoform	**<20.0**	ug/L	40.0	20.0	40		04/29/16 09:27	75-25-2	
Bromomethane	**<97.4**	ug/L	200	97.4	40		04/29/16 09:27	74-83-9	
n-Butylbenzene	**<20.0**	ug/L	40.0	20.0	40		04/29/16 09:27	104-51-8	
sec-Butylbenzene	**<87.4**	ug/L	200	87.4	40		04/29/16 09:27	135-98-8	
tert-Butylbenzene	**<7.2**	ug/L	40.0	7.2	40		04/29/16 09:27	98-06-6	
Carbon tetrachloride	**<20.0**	ug/L	40.0	20.0	40		04/29/16 09:27	56-23-5	
Chlorobenzene	**<20.0**	ug/L	40.0	20.0	40		04/29/16 09:27	108-90-7	
Chloroethane	**<15.0**	ug/L	40.0	15.0	40		04/29/16 09:27	75-00-3	
Chloroform	**<100**	ug/L	200	100	40		04/29/16 09:27	67-66-3	
Chloromethane	**<20.0**	ug/L	40.0	20.0	40		04/29/16 09:27	74-87-3	
2-Chlorotoluene	**<20.0**	ug/L	40.0	20.0	40		04/29/16 09:27	95-49-8	
4-Chlorotoluene	**<8.5**	ug/L	40.0	8.5	40		04/29/16 09:27	106-43-4	
1,2-Dibromo-3-chloropropane	**<86.6**	ug/L	200	86.6	40		04/29/16 09:27	96-12-8	
Dibromochloromethane	**<20.0**	ug/L	40.0	20.0	40		04/29/16 09:27	124-48-1	
1,2-Dibromoethane (EDB)	**<7.1**	ug/L	40.0	7.1	40		04/29/16 09:27	106-93-4	
Dibromomethane	**<17.1**	ug/L	40.0	17.1	40		04/29/16 09:27	74-95-3	
1,2-Dichlorobenzene	**<20.0**	ug/L	40.0	20.0	40		04/29/16 09:27	95-50-1	
1,3-Dichlorobenzene	**<20.0**	ug/L	40.0	20.0	40		04/29/16 09:27	541-73-1	
1,4-Dichlorobenzene	**<20.0**	ug/L	40.0	20.0	40		04/29/16 09:27	106-46-7	
Dichlorodifluoromethane	**<9.0**	ug/L	40.0	9.0	40		04/29/16 09:27	75-71-8	
1,1-Dichloroethane	**<9.7**	ug/L	40.0	9.7	40		04/29/16 09:27	75-34-3	
1,2-Dichloroethane	**<6.7**	ug/L	40.0	6.7	40		04/29/16 09:27	107-06-2	
1,1-Dichloroethene	**<16.4**	ug/L	40.0	16.4	40		04/29/16 09:27	75-35-4	
cis-1,2-Dichloroethene	**<10.2**	ug/L	40.0	10.2	40		04/29/16 09:27	156-59-2	
trans-1,2-Dichloroethene	**<10.3**	ug/L	40.0	10.3	40		04/29/16 09:27	156-60-5	
1,2-Dichloropropane	**<9.3**	ug/L	40.0	9.3	40		04/29/16 09:27	78-87-5	
1,3-Dichloropropane	**<20.0**	ug/L	40.0	20.0	40		04/29/16 09:27	142-28-9	
2,2-Dichloropropane	**<19.4**	ug/L	40.0	19.4	40		04/29/16 09:27	594-20-7	
1,1-Dichloropropene	**<17.6**	ug/L	40.0	17.6	40		04/29/16 09:27	563-58-6	
cis-1,3-Dichloropropene	**<20.0**	ug/L	40.0	20.0	40		04/29/16 09:27	10061-01-5	
trans-1,3-Dichloropropene	**<9.2**	ug/L	40.0	9.2	40		04/29/16 09:27	10061-02-6	
Diisopropyl ether	**<20.0**	ug/L	40.0	20.0	40		04/29/16 09:27	108-20-3	
Ethylbenzene	**1580**	ug/L	40.0	20.0	40		04/29/16 09:27	100-41-4	
Hexachloro-1,3-butadiene	**<84.2**	ug/L	200	84.2	40		04/29/16 09:27	87-68-3	
Isopropylbenzene (Cumene)	**46.9**	ug/L	40.0	5.7	40		04/29/16 09:27	98-82-8	
p-Isopropyltoluene	**<20.0**	ug/L	40.0	20.0	40		04/29/16 09:27	99-87-6	
Methylene Chloride	**<9.3**	ug/L	40.0	9.3	40		04/29/16 09:27	75-09-2	
Methyl-tert-butyl ether	**<7.0**	ug/L	40.0	7.0	40		04/29/16 09:27	1634-04-4	
Naphthalene	**120J**	ug/L	200	100	40		04/29/16 09:27	91-20-3	
n-Propylbenzene	**105**	ug/L	40.0	20.0	40		04/29/16 09:27	103-65-1	
Styrene	**<20.0**	ug/L	40.0	20.0	40		04/29/16 09:27	100-42-5	
1,1,1,2-Tetrachloroethane	**<7.2**	ug/L	40.0	7.2	40		04/29/16 09:27	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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(920)469-2436

ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-7 **Lab ID: 40131442007** Collected: 04/26/16 08:25 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<10**	ug/L	40.0	10	40		04/29/16 09:27	79-34-5	
Tetrachloroethene	**<20.0**	ug/L	40.0	20.0	40		04/29/16 09:27	127-18-4	
Toluene	**36.2J**	ug/L	40.0	20.0	40		04/29/16 09:27	108-88-3	
1,2,3-Trichlorobenzene	**<85.3**	ug/L	200	85.3	40		04/29/16 09:27	87-61-6	
1,2,4-Trichlorobenzene	**<88.4**	ug/L	200	88.4	40		04/29/16 09:27	120-82-1	
1,1,1-Trichloroethane	**<20.0**	ug/L	40.0	20.0	40		04/29/16 09:27	71-55-6	
1,1,2-Trichloroethane	**<7.9**	ug/L	40.0	7.9	40		04/29/16 09:27	79-00-5	
Trichloroethene	**<13.2**	ug/L	40.0	13.2	40		04/29/16 09:27	79-01-6	
Trichlorofluoromethane	**<7.4**	ug/L	40.0	7.4	40		04/29/16 09:27	75-69-4	
1,2,3-Trichloropropane	**<20.0**	ug/L	40.0	20.0	40		04/29/16 09:27	96-18-4	
1,2,4-Trimethylbenzene	**808**	ug/L	40.0	20.0	40		04/29/16 09:27	95-63-6	
1,3,5-Trimethylbenzene	**192**	ug/L	40.0	20.0	40		04/29/16 09:27	108-67-8	
Vinyl chloride	**<7.0**	ug/L	40.0	7.0	40		04/29/16 09:27	75-01-4	
m&p-Xylene	**5340**	ug/L	80.0	40.0	40		04/29/16 09:27	179601-23-1	
o-Xylene	**1630**	ug/L	40.0	20.0	40		04/29/16 09:27	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		40		04/29/16 09:27	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		40		04/29/16 09:27	1868-53-7	
Toluene-d8 (S)	99	%	70-130		40		04/29/16 09:27	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-8 **Lab ID: 40131442008** Collected: 04/25/16 16:40 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:00	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/29/16 13:00	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/29/16 13:00	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:00	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:00	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/29/16 13:00	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:00	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/29/16 13:00	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/29/16 13:00	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:00	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:00	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/29/16 13:00	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/29/16 13:00	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:00	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:00	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/29/16 13:00	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/29/16 13:00	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:00	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/29/16 13:00	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/29/16 13:00	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:00	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:00	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:00	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/29/16 13:00	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/29/16 13:00	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/29/16 13:00	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/29/16 13:00	75-35-4	
cis-1,2-Dichloroethene	**2.3**	ug/L	1.0	0.26	1		04/29/16 13:00	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/29/16 13:00	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/29/16 13:00	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:00	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/29/16 13:00	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/29/16 13:00	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:00	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/29/16 13:00	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:00	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:00	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/29/16 13:00	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/29/16 13:00	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:00	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/29/16 13:00	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/29/16 13:00	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/29/16 13:00	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:00	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:00	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/29/16 13:00	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
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(920)469-2436

ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-8 **Lab ID: 40131442008** Collected: 04/25/16 16:40 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		04/29/16 13:00	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:00	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:00	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/29/16 13:00	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/29/16 13:00	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:00	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/29/16 13:00	79-00-5	
Trichloroethene	**0.53J**	ug/L	1.0	0.33	1		04/29/16 13:00	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/29/16 13:00	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:00	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:00	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:00	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/29/16 13:00	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		04/29/16 13:00	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:00	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		04/29/16 13:00	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		04/29/16 13:00	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		04/29/16 13:00	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-9 **Lab ID: 40131442009** Collected: 04/26/16 09:05 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Arsenic, Dissolved	**16.5J**	ug/L	20.0	7.2	1		04/28/16 22:11	7440-38-2	
Barium, Dissolved	**186**	ug/L	5.0	1.4	1		04/28/16 22:11	7440-39-3	
Cadmium, Dissolved	**<0.60**	ug/L	5.0	0.60	1		04/28/16 22:11	7440-43-9	
Chromium, Dissolved	**<2.1**	ug/L	10.0	2.1	1		04/28/16 22:11	7440-47-3	
Iron, Dissolved	**24600**	ug/L	100	12.9	1		04/28/16 22:11	7439-89-6	
Lead, Dissolved	**<3.0**	ug/L	12.0	3.0	1		04/28/16 22:11	7439-92-1	
Manganese, Dissolved	**1100**	ug/L	5.0	1.4	1		04/28/16 22:11	7439-96-5	
Selenium, Dissolved	**<6.7**	ug/L	20.0	6.7	1		04/28/16 22:11	7782-49-2	
Silver, Dissolved	**<2.7**	ug/L	10.0	2.7	1		04/28/16 22:11	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	**<0.18**	ug/L	0.60	0.18	1	05/10/16 10:20	05/11/16 10:27	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<100**	ug/L	200	100	200		04/29/16 09:48	71-43-2	
Bromobenzene	**<46.0**	ug/L	200	46.0	200		04/29/16 09:48	108-86-1	
Bromochloromethane	**<68.1**	ug/L	200	68.1	200		04/29/16 09:48	74-97-5	
Bromodichloromethane	**<100**	ug/L	200	100	200		04/29/16 09:48	75-27-4	
Bromoform	**<100**	ug/L	200	100	200		04/29/16 09:48	75-25-2	
Bromomethane	**<487**	ug/L	1000	487	200		04/29/16 09:48	74-83-9	
n-Butylbenzene	**<100**	ug/L	200	100	200		04/29/16 09:48	104-51-8	
sec-Butylbenzene	**<437**	ug/L	1000	437	200		04/29/16 09:48	135-98-8	
tert-Butylbenzene	**<36.1**	ug/L	200	36.1	200		04/29/16 09:48	98-06-6	
Carbon tetrachloride	**<100**	ug/L	200	100	200		04/29/16 09:48	56-23-5	
Chlorobenzene	**<100**	ug/L	200	100	200		04/29/16 09:48	108-90-7	
Chloroethane	**<74.9**	ug/L	200	74.9	200		04/29/16 09:48	75-00-3	
Chloroform	**<500**	ug/L	1000	500	200		04/29/16 09:48	67-66-3	
Chloromethane	**<100**	ug/L	200	100	200		04/29/16 09:48	74-87-3	
2-Chlorotoluene	**<100**	ug/L	200	100	200		04/29/16 09:48	95-49-8	
4-Chlorotoluene	**<42.7**	ug/L	200	42.7	200		04/29/16 09:48	106-43-4	
1,2-Dibromo-3-chloropropane	**<433**	ug/L	1000	433	200		04/29/16 09:48	96-12-8	
Dibromochloromethane	**<100**	ug/L	200	100	200		04/29/16 09:48	124-48-1	
1,2-Dibromoethane (EDB)	**<35.6**	ug/L	200	35.6	200		04/29/16 09:48	106-93-4	
Dibromomethane	**<85.3**	ug/L	200	85.3	200		04/29/16 09:48	74-95-3	
1,2-Dichlorobenzene	**<100**	ug/L	200	100	200		04/29/16 09:48	95-50-1	
1,3-Dichlorobenzene	**<100**	ug/L	200	100	200		04/29/16 09:48	541-73-1	
1,4-Dichlorobenzene	**<100**	ug/L	200	100	200		04/29/16 09:48	106-46-7	
Dichlorodifluoromethane	**<44.8**	ug/L	200	44.8	200		04/29/16 09:48	75-71-8	
1,1-Dichloroethane	**<48.3**	ug/L	200	48.3	200		04/29/16 09:48	75-34-3	
1,2-Dichloroethane	**<33.6**	ug/L	200	33.6	200		04/29/16 09:48	107-06-2	
1,1-Dichloroethene	**352**	ug/L	200	82.0	200		04/29/16 09:48	75-35-4	
cis-1,2-Dichloroethene	**47000**	ug/L	200	51.2	200		04/29/16 09:48	156-59-2	
trans-1,2-Dichloroethene	**180J**	ug/L	200	51.3	200		04/29/16 09:48	156-60-5	
1,2-Dichloropropane	**<46.6**	ug/L	200	46.6	200		04/29/16 09:48	78-87-5	
1,3-Dichloropropane	**<100**	ug/L	200	100	200		04/29/16 09:48	142-28-9	
2,2-Dichloropropane	**<96.8**	ug/L	200	96.8	200		04/29/16 09:48	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-9 **Lab ID: 40131442009** Collected: 04/26/16 09:05 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1-Dichloropropene	**<88.2**	ug/L	200	88.2	200		04/29/16 09:48	563-58-6	
cis-1,3-Dichloropropene	**<100**	ug/L	200	100	200		04/29/16 09:48	10061-01-5	
trans-1,3-Dichloropropene	**<45.9**	ug/L	200	45.9	200		04/29/16 09:48	10061-02-6	
Diisopropyl ether	**<100**	ug/L	200	100	200		04/29/16 09:48	108-20-3	
Ethylbenzene	**179J**	ug/L	200	100	200		04/29/16 09:48	100-41-4	
Hexachloro-1,3-butadiene	**<421**	ug/L	1000	421	200		04/29/16 09:48	87-68-3	
Isopropylbenzene (Cumene)	**<28.7**	ug/L	200	28.7	200		04/29/16 09:48	98-82-8	
p-Isopropyltoluene	**<100**	ug/L	200	100	200		04/29/16 09:48	99-87-6	
Methylene Chloride	**<46.5**	ug/L	200	46.5	200		04/29/16 09:48	75-09-2	
Methyl-tert-butyl ether	**<34.8**	ug/L	200	34.8	200		04/29/16 09:48	1634-04-4	
Naphthalene	**<500**	ug/L	1000	500	200		04/29/16 09:48	91-20-3	
n-Propylbenzene	**102J**	ug/L	200	100	200		04/29/16 09:48	103-65-1	
Styrene	**<100**	ug/L	200	100	200		04/29/16 09:48	100-42-5	
1,1,1,2-Tetrachloroethane	**<36.1**	ug/L	200	36.1	200		04/29/16 09:48	630-20-6	
1,1,2,2-Tetrachloroethane	**<49.9**	ug/L	200	49.9	200		04/29/16 09:48	79-34-5	
Tetrachloroethene	**14100**	ug/L	200	100	200		04/29/16 09:48	127-18-4	
Toluene	**<100**	ug/L	200	100	200		04/29/16 09:48	108-88-3	
1,2,3-Trichlorobenzene	**<427**	ug/L	1000	427	200		04/29/16 09:48	87-61-6	
1,2,4-Trichlorobenzene	**<442**	ug/L	1000	442	200		04/29/16 09:48	120-82-1	
1,1,1-Trichloroethane	**<100**	ug/L	200	100	200		04/29/16 09:48	71-55-6	
1,1,2-Trichloroethane	**<39.5**	ug/L	200	39.5	200		04/29/16 09:48	79-00-5	
Trichloroethene	**1710**	ug/L	200	66.1	200		04/29/16 09:48	79-01-6	
Trichlorofluoromethane	**<37.0**	ug/L	200	37.0	200		04/29/16 09:48	75-69-4	
1,2,3-Trichloropropane	**<100**	ug/L	200	100	200		04/29/16 09:48	96-18-4	
1,2,4-Trimethylbenzene	**<100**	ug/L	200	100	200		04/29/16 09:48	95-63-6	
1,3,5-Trimethylbenzene	**<100**	ug/L	200	100	200		04/29/16 09:48	108-67-8	
Vinyl chloride	**2110**	ug/L	200	35.1	200		04/29/16 09:48	75-01-4	
m&p-Xylene	**<200**	ug/L	400	200	200		04/29/16 09:48	179601-23-1	
o-Xylene	**<100**	ug/L	200	100	200		04/29/16 09:48	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		200		04/29/16 09:48	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		200		04/29/16 09:48	1868-53-7	
Toluene-d8 (S)	98	%	70-130		200		04/29/16 09:48	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**14.6J**	mg/L	20.0	10.0	5		05/09/16 11:27	14808-79-8	D3
5310C TOC	Analytical Method: SM 5310C								
Total Organic Carbon	**166**	mg/L	84.0	25.2	100		05/06/16 10:59	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-10 **Lab ID: 40131442010** Collected: 04/26/16 08:10 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Arsenic, Dissolved	**12.3J**	ug/L	20.0	7.2	1		04/28/16 22:14	7440-38-2	
Barium, Dissolved	**170**	ug/L	5.0	1.4	1		04/28/16 22:14	7440-39-3	
Cadmium, Dissolved	**<0.60**	ug/L	5.0	0.60	1		04/28/16 22:14	7440-43-9	
Chromium, Dissolved	**<2.1**	ug/L	10.0	2.1	1		04/28/16 22:14	7440-47-3	
Iron, Dissolved	**12000**	ug/L	100	12.9	1		04/28/16 22:14	7439-89-6	
Lead, Dissolved	**4.1J**	ug/L	12.0	3.0	1		04/28/16 22:14	7439-92-1	
Manganese, Dissolved	**578**	ug/L	5.0	1.4	1		04/28/16 22:14	7439-96-5	
Selenium, Dissolved	**<6.7**	ug/L	20.0	6.7	1		04/28/16 22:14	7782-49-2	
Silver, Dissolved	**<2.7**	ug/L	10.0	2.7	1		04/28/16 22:14	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	**<0.18**	ug/L	0.60	0.18	1	05/10/16 10:20	05/11/16 10:30	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:33	71-43-2	
Bromobenzene	**<0.46**	ug/L	2.0	0.46	2		04/29/16 19:33	108-86-1	
Bromochloromethane	**<0.68**	ug/L	2.0	0.68	2		04/29/16 19:33	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:33	75-27-4	
Bromoform	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:33	75-25-2	
Bromomethane	**<4.9**	ug/L	10.0	4.9	2		04/29/16 19:33	74-83-9	
n-Butylbenzene	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:33	104-51-8	
sec-Butylbenzene	**<4.4**	ug/L	10.0	4.4	2		04/29/16 19:33	135-98-8	
tert-Butylbenzene	**<0.36**	ug/L	2.0	0.36	2		04/29/16 19:33	98-06-6	
Carbon tetrachloride	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:33	56-23-5	
Chlorobenzene	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:33	108-90-7	
Chloroethane	**<0.75**	ug/L	2.0	0.75	2		04/29/16 19:33	75-00-3	
Chloroform	**<5.0**	ug/L	10.0	5.0	2		04/29/16 19:33	67-66-3	
Chloromethane	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:33	74-87-3	
2-Chlorotoluene	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:33	95-49-8	
4-Chlorotoluene	**<0.43**	ug/L	2.0	0.43	2		04/29/16 19:33	106-43-4	
1,2-Dibromo-3-chloropropane	**<4.3**	ug/L	10.0	4.3	2		04/29/16 19:33	96-12-8	
Dibromochloromethane	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:33	124-48-1	
1,2-Dibromoethane (EDB)	**<0.36**	ug/L	2.0	0.36	2		04/29/16 19:33	106-93-4	
Dibromomethane	**<0.85**	ug/L	2.0	0.85	2		04/29/16 19:33	74-95-3	
1,2-Dichlorobenzene	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:33	95-50-1	
1,3-Dichlorobenzene	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:33	541-73-1	
1,4-Dichlorobenzene	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:33	106-46-7	
Dichlorodifluoromethane	**<0.45**	ug/L	2.0	0.45	2		04/29/16 19:33	75-71-8	
1,1-Dichloroethane	**<0.48**	ug/L	2.0	0.48	2		04/29/16 19:33	75-34-3	
1,2-Dichloroethane	**<0.34**	ug/L	2.0	0.34	2		04/29/16 19:33	107-06-2	
1,1-Dichloroethene	**<0.82**	ug/L	2.0	0.82	2		04/29/16 19:33	75-35-4	
cis-1,2-Dichloroethene	**162**	ug/L	2.0	0.51	2		04/29/16 19:33	156-59-2	
trans-1,2-Dichloroethene	**<0.51**	ug/L	2.0	0.51	2		04/29/16 19:33	156-60-5	
1,2-Dichloropropane	**<0.47**	ug/L	2.0	0.47	2		04/29/16 19:33	78-87-5	
1,3-Dichloropropane	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:33	142-28-9	
2,2-Dichloropropane	**<0.97**	ug/L	2.0	0.97	2		04/29/16 19:33	594-20-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-10 **Lab ID: 40131442010** Collected: 04/26/16 08:10 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1-Dichloropropene	**<0.88**	ug/L	2.0	0.88	2		04/29/16 19:33	563-58-6	
cis-1,3-Dichloropropene	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:33	10061-01-5	
trans-1,3-Dichloropropene	**<0.46**	ug/L	2.0	0.46	2		04/29/16 19:33	10061-02-6	
Diisopropyl ether	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:33	108-20-3	
Ethylbenzene	**19.2**	ug/L	2.0	1.0	2		04/29/16 19:33	100-41-4	
Hexachloro-1,3-butadiene	**<4.2**	ug/L	10.0	4.2	2		04/29/16 19:33	87-68-3	
Isopropylbenzene (Cumene)	**1.5J**	ug/L	2.0	0.29	2		04/29/16 19:33	98-82-8	
p-Isopropyltoluene	**3.2**	ug/L	2.0	1.0	2		04/29/16 19:33	99-87-6	
Methylene Chloride	**<0.47**	ug/L	2.0	0.47	2		04/29/16 19:33	75-09-2	
Methyl-tert-butyl ether	**<0.35**	ug/L	2.0	0.35	2		04/29/16 19:33	1634-04-4	
Naphthalene	**<5.0**	ug/L	10.0	5.0	2		04/29/16 19:33	91-20-3	
n-Propylbenzene	**1.7J**	ug/L	2.0	1.0	2		04/29/16 19:33	103-65-1	
Styrene	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:33	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	2.0	0.36	2		04/29/16 19:33	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	2.0	0.50	2		04/29/16 19:33	79-34-5	
Tetrachloroethene	**1.0J**	ug/L	2.0	1.0	2		04/29/16 19:33	127-18-4	
Toluene	**67.0**	ug/L	2.0	1.0	2		04/29/16 19:33	108-88-3	
1,2,3-Trichlorobenzene	**<4.3**	ug/L	10.0	4.3	2		04/29/16 19:33	87-61-6	
1,2,4-Trichlorobenzene	**<4.4**	ug/L	10.0	4.4	2		04/29/16 19:33	120-82-1	
1,1,1-Trichloroethane	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:33	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	2.0	0.39	2		04/29/16 19:33	79-00-5	
Trichloroethene	**75.7**	ug/L	2.0	0.66	2		04/29/16 19:33	79-01-6	
Trichlorofluoromethane	**<0.37**	ug/L	2.0	0.37	2		04/29/16 19:33	75-69-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:33	96-18-4	
1,2,4-Trimethylbenzene	**175**	ug/L	2.0	1.0	2		04/29/16 19:33	95-63-6	
1,3,5-Trimethylbenzene	**51.7**	ug/L	2.0	1.0	2		04/29/16 19:33	108-67-8	
Vinyl chloride	**2.9**	ug/L	2.0	0.35	2		04/29/16 19:33	75-01-4	
m&p-Xylene	**216**	ug/L	4.0	2.0	2		04/29/16 19:33	179601-23-1	
o-Xylene	**120**	ug/L	2.0	1.0	2		04/29/16 19:33	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		2		04/29/16 19:33	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		2		04/29/16 19:33	1868-53-7	
Toluene-d8 (S)	96	%	70-130		2		04/29/16 19:33	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**40.3**	mg/L	20.0	10.0	5		05/09/16 11:39	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
Total Organic Carbon	**<1.5**	mg/L	5.0	1.5	6		05/06/16 11:56	7440-44-0	D3

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-11 **Lab ID: 40131442011** Collected: 04/26/16 07:50 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<1.2**	ug/L	2.5	1.2	2.5		04/29/16 10:31	71-43-2	
Bromobenzene	**<0.58**	ug/L	2.5	0.58	2.5		04/29/16 10:31	108-86-1	
Bromochloromethane	**<0.85**	ug/L	2.5	0.85	2.5		04/29/16 10:31	74-97-5	
Bromodichloromethane	**<1.2**	ug/L	2.5	1.2	2.5		04/29/16 10:31	75-27-4	
Bromoform	**<1.2**	ug/L	2.5	1.2	2.5		04/29/16 10:31	75-25-2	
Bromomethane	**<6.1**	ug/L	12.5	6.1	2.5		04/29/16 10:31	74-83-9	
n-Butylbenzene	**<1.2**	ug/L	2.5	1.2	2.5		04/29/16 10:31	104-51-8	
sec-Butylbenzene	**<5.5**	ug/L	12.5	5.5	2.5		04/29/16 10:31	135-98-8	
tert-Butylbenzene	**<0.45**	ug/L	2.5	0.45	2.5		04/29/16 10:31	98-06-6	
Carbon tetrachloride	**<1.2**	ug/L	2.5	1.2	2.5		04/29/16 10:31	56-23-5	
Chlorobenzene	**<1.2**	ug/L	2.5	1.2	2.5		04/29/16 10:31	108-90-7	
Chloroethane	**<0.94**	ug/L	2.5	0.94	2.5		04/29/16 10:31	75-00-3	
Chloroform	**<6.2**	ug/L	12.5	6.2	2.5		04/29/16 10:31	67-66-3	
Chloromethane	**<1.2**	ug/L	2.5	1.2	2.5		04/29/16 10:31	74-87-3	
2-Chlorotoluene	**<1.2**	ug/L	2.5	1.2	2.5		04/29/16 10:31	95-49-8	
4-Chlorotoluene	**<0.53**	ug/L	2.5	0.53	2.5		04/29/16 10:31	106-43-4	
1,2-Dibromo-3-chloropropane	**<5.4**	ug/L	12.5	5.4	2.5		04/29/16 10:31	96-12-8	
Dibromochloromethane	**<1.2**	ug/L	2.5	1.2	2.5		04/29/16 10:31	124-48-1	
1,2-Dibromoethane (EDB)	**<0.44**	ug/L	2.5	0.44	2.5		04/29/16 10:31	106-93-4	
Dibromomethane	**<1.1**	ug/L	2.5	1.1	2.5		04/29/16 10:31	74-95-3	
1,2-Dichlorobenzene	**<1.2**	ug/L	2.5	1.2	2.5		04/29/16 10:31	95-50-1	
1,3-Dichlorobenzene	**<1.2**	ug/L	2.5	1.2	2.5		04/29/16 10:31	541-73-1	
1,4-Dichlorobenzene	**<1.2**	ug/L	2.5	1.2	2.5		04/29/16 10:31	106-46-7	
Dichlorodifluoromethane	**<0.56**	ug/L	2.5	0.56	2.5		04/29/16 10:31	75-71-8	
1,1-Dichloroethane	**<0.60**	ug/L	2.5	0.60	2.5		04/29/16 10:31	75-34-3	
1,2-Dichloroethane	**<0.42**	ug/L	2.5	0.42	2.5		04/29/16 10:31	107-06-2	
1,1-Dichloroethene	**<1.0**	ug/L	2.5	1.0	2.5		04/29/16 10:31	75-35-4	
cis-1,2-Dichloroethene	**126**	ug/L	2.5	0.64	2.5		04/29/16 10:31	156-59-2	
trans-1,2-Dichloroethene	**7.1**	ug/L	2.5	0.64	2.5		04/29/16 10:31	156-60-5	
1,2-Dichloropropane	**<0.58**	ug/L	2.5	0.58	2.5		04/29/16 10:31	78-87-5	
1,3-Dichloropropane	**<1.2**	ug/L	2.5	1.2	2.5		04/29/16 10:31	142-28-9	
2,2-Dichloropropane	**<1.2**	ug/L	2.5	1.2	2.5		04/29/16 10:31	594-20-7	
1,1-Dichloropropene	**<1.1**	ug/L	2.5	1.1	2.5		04/29/16 10:31	563-58-6	
cis-1,3-Dichloropropene	**<1.2**	ug/L	2.5	1.2	2.5		04/29/16 10:31	10061-01-5	
trans-1,3-Dichloropropene	**<0.57**	ug/L	2.5	0.57	2.5		04/29/16 10:31	10061-02-6	
Diisopropyl ether	**<1.2**	ug/L	2.5	1.2	2.5		04/29/16 10:31	108-20-3	
Ethylbenzene	**<1.2**	ug/L	2.5	1.2	2.5		04/29/16 10:31	100-41-4	
Hexachloro-1,3-butadiene	**<5.3**	ug/L	12.5	5.3	2.5		04/29/16 10:31	87-68-3	
Isopropylbenzene (Cumene)	**<0.36**	ug/L	2.5	0.36	2.5		04/29/16 10:31	98-82-8	
p-Isopropyltoluene	**<1.2**	ug/L	2.5	1.2	2.5		04/29/16 10:31	99-87-6	
Methylene Chloride	**<0.58**	ug/L	2.5	0.58	2.5		04/29/16 10:31	75-09-2	
Methyl-tert-butyl ether	**<0.44**	ug/L	2.5	0.44	2.5		04/29/16 10:31	1634-04-4	
Naphthalene	**<6.2**	ug/L	12.5	6.2	2.5		04/29/16 10:31	91-20-3	
n-Propylbenzene	**<1.2**	ug/L	2.5	1.2	2.5		04/29/16 10:31	103-65-1	
Styrene	**<1.2**	ug/L	2.5	1.2	2.5		04/29/16 10:31	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	2.5	0.45	2.5		04/29/16 10:31	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-11 **Lab ID: 40131442011** Collected: 04/26/16 07:50 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.62**	ug/L	2.5	0.62	2.5		04/29/16 10:31	79-34-5	
Tetrachloroethene	**<1.2**	ug/L	2.5	1.2	2.5		04/29/16 10:31	127-18-4	
Toluene	**<1.2**	ug/L	2.5	1.2	2.5		04/29/16 10:31	108-88-3	
1,2,3-Trichlorobenzene	**<5.3**	ug/L	12.5	5.3	2.5		04/29/16 10:31	87-61-6	
1,2,4-Trichlorobenzene	**<5.5**	ug/L	12.5	5.5	2.5		04/29/16 10:31	120-82-1	
1,1,1-Trichloroethane	**<1.2**	ug/L	2.5	1.2	2.5		04/29/16 10:31	71-55-6	
1,1,2-Trichloroethane	**<0.49**	ug/L	2.5	0.49	2.5		04/29/16 10:31	79-00-5	
Trichloroethene	**<0.83**	ug/L	2.5	0.83	2.5		04/29/16 10:31	79-01-6	
Trichlorofluoromethane	**<0.46**	ug/L	2.5	0.46	2.5		04/29/16 10:31	75-69-4	
1,2,3-Trichloropropane	**<1.2**	ug/L	2.5	1.2	2.5		04/29/16 10:31	96-18-4	
1,2,4-Trimethylbenzene	**<1.2**	ug/L	2.5	1.2	2.5		04/29/16 10:31	95-63-6	
1,3,5-Trimethylbenzene	**<1.2**	ug/L	2.5	1.2	2.5		04/29/16 10:31	108-67-8	
Vinyl chloride	**19.1**	ug/L	2.5	0.44	2.5		04/29/16 10:31	75-01-4	
m&p-Xylene	**<2.5**	ug/L	5.0	2.5	2.5		04/29/16 10:31	179601-23-1	
o-Xylene	**<1.2**	ug/L	2.5	1.2	2.5		04/29/16 10:31	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		2.5		04/29/16 10:31	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		2.5		04/29/16 10:31	1868-53-7	
Toluene-d8 (S)	98	%	70-130		2.5		04/29/16 10:31	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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(920)469-2436

ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-12 **Lab ID: 40131442012** Collected: 04/26/16 07:15 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:21	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/29/16 13:21	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/29/16 13:21	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:21	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:21	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/29/16 13:21	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:21	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/29/16 13:21	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/29/16 13:21	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:21	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:21	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/29/16 13:21	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/29/16 13:21	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:21	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:21	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/29/16 13:21	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/29/16 13:21	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:21	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/29/16 13:21	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/29/16 13:21	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:21	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:21	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:21	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/29/16 13:21	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/29/16 13:21	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/29/16 13:21	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/29/16 13:21	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/29/16 13:21	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/29/16 13:21	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/29/16 13:21	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:21	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/29/16 13:21	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/29/16 13:21	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:21	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/29/16 13:21	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:21	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:21	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/29/16 13:21	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/29/16 13:21	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:21	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/29/16 13:21	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/29/16 13:21	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/29/16 13:21	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:21	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:21	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/29/16 13:21	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
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(920)469-2436

ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-12 **Lab ID: 40131442012** Collected: 04/26/16 07:15 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		04/29/16 13:21	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:21	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:21	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/29/16 13:21	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/29/16 13:21	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:21	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/29/16 13:21	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/29/16 13:21	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/29/16 13:21	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:21	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:21	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:21	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/29/16 13:21	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		04/29/16 13:21	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:21	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		04/29/16 13:21	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		04/29/16 13:21	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		04/29/16 13:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-13 **Lab ID: 40131442013** Collected: 04/25/16 16:50 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:42	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/29/16 13:42	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/29/16 13:42	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:42	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:42	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/29/16 13:42	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:42	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/29/16 13:42	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/29/16 13:42	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:42	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:42	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/29/16 13:42	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/29/16 13:42	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:42	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:42	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/29/16 13:42	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/29/16 13:42	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:42	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/29/16 13:42	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/29/16 13:42	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:42	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:42	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:42	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/29/16 13:42	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/29/16 13:42	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/29/16 13:42	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/29/16 13:42	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/29/16 13:42	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/29/16 13:42	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/29/16 13:42	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:42	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/29/16 13:42	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/29/16 13:42	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:42	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/29/16 13:42	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:42	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:42	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/29/16 13:42	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/29/16 13:42	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:42	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/29/16 13:42	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/29/16 13:42	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/29/16 13:42	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:42	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:42	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/29/16 13:42	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-13 **Lab ID: 40131442013** Collected: 04/25/16 16:50 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		04/29/16 13:42	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:42	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:42	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/29/16 13:42	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/29/16 13:42	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:42	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/29/16 13:42	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/29/16 13:42	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/29/16 13:42	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:42	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:42	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:42	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/29/16 13:42	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		04/29/16 13:42	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 13:42	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		04/29/16 13:42	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		04/29/16 13:42	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		04/29/16 13:42	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-14 **Lab ID: 40131442014** Collected: 04/26/16 08:00 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:54	71-43-2	
Bromobenzene	**<0.46**	ug/L	2.0	0.46	2		04/29/16 19:54	108-86-1	
Bromochloromethane	**<0.68**	ug/L	2.0	0.68	2		04/29/16 19:54	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:54	75-27-4	
Bromoform	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:54	75-25-2	
Bromomethane	**<4.9**	ug/L	10.0	4.9	2		04/29/16 19:54	74-83-9	
n-Butylbenzene	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:54	104-51-8	
sec-Butylbenzene	**<4.4**	ug/L	10.0	4.4	2		04/29/16 19:54	135-98-8	
tert-Butylbenzene	**<0.36**	ug/L	2.0	0.36	2		04/29/16 19:54	98-06-6	
Carbon tetrachloride	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:54	56-23-5	
Chlorobenzene	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:54	108-90-7	
Chloroethane	**<0.75**	ug/L	2.0	0.75	2		04/29/16 19:54	75-00-3	
Chloroform	**<5.0**	ug/L	10.0	5.0	2		04/29/16 19:54	67-66-3	
Chloromethane	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:54	74-87-3	
2-Chlorotoluene	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:54	95-49-8	
4-Chlorotoluene	**<0.43**	ug/L	2.0	0.43	2		04/29/16 19:54	106-43-4	
1,2-Dibromo-3-chloropropane	**<4.3**	ug/L	10.0	4.3	2		04/29/16 19:54	96-12-8	
Dibromochloromethane	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:54	124-48-1	
1,2-Dibromoethane (EDB)	**<0.36**	ug/L	2.0	0.36	2		04/29/16 19:54	106-93-4	
Dibromomethane	**<0.85**	ug/L	2.0	0.85	2		04/29/16 19:54	74-95-3	
1,2-Dichlorobenzene	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:54	95-50-1	
1,3-Dichlorobenzene	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:54	541-73-1	
1,4-Dichlorobenzene	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:54	106-46-7	
Dichlorodifluoromethane	**<0.45**	ug/L	2.0	0.45	2		04/29/16 19:54	75-71-8	
1,1-Dichloroethane	**<0.48**	ug/L	2.0	0.48	2		04/29/16 19:54	75-34-3	
1,2-Dichloroethane	**<0.34**	ug/L	2.0	0.34	2		04/29/16 19:54	107-06-2	
1,1-Dichloroethene	**<0.82**	ug/L	2.0	0.82	2		04/29/16 19:54	75-35-4	
cis-1,2-Dichloroethene	**282**	ug/L	2.0	0.51	2		04/29/16 19:54	156-59-2	
trans-1,2-Dichloroethene	**14.9**	ug/L	2.0	0.51	2		04/29/16 19:54	156-60-5	
1,2-Dichloropropane	**<0.47**	ug/L	2.0	0.47	2		04/29/16 19:54	78-87-5	
1,3-Dichloropropane	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:54	142-28-9	
2,2-Dichloropropane	**<0.97**	ug/L	2.0	0.97	2		04/29/16 19:54	594-20-7	
1,1-Dichloropropene	**<0.88**	ug/L	2.0	0.88	2		04/29/16 19:54	563-58-6	
cis-1,3-Dichloropropene	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:54	10061-01-5	
trans-1,3-Dichloropropene	**<0.46**	ug/L	2.0	0.46	2		04/29/16 19:54	10061-02-6	
Diisopropyl ether	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:54	108-20-3	
Ethylbenzene	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:54	100-41-4	
Hexachloro-1,3-butadiene	**<4.2**	ug/L	10.0	4.2	2		04/29/16 19:54	87-68-3	
Isopropylbenzene (Cumene)	**<0.29**	ug/L	2.0	0.29	2		04/29/16 19:54	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:54	99-87-6	
Methylene Chloride	**<0.47**	ug/L	2.0	0.47	2		04/29/16 19:54	75-09-2	
Methyl-tert-butyl ether	**<0.35**	ug/L	2.0	0.35	2		04/29/16 19:54	1634-04-4	
Naphthalene	**<5.0**	ug/L	10.0	5.0	2		04/29/16 19:54	91-20-3	
n-Propylbenzene	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:54	103-65-1	
Styrene	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:54	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	2.0	0.36	2		04/29/16 19:54	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: SMW-14 **Lab ID: 40131442014** Collected: 04/26/16 08:00 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	2.0	0.50	2		04/29/16 19:54	79-34-5	
Tetrachloroethene	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:54	127-18-4	
Toluene	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:54	108-88-3	
1,2,3-Trichlorobenzene	**<4.3**	ug/L	10.0	4.3	2		04/29/16 19:54	87-61-6	
1,2,4-Trichlorobenzene	**<4.4**	ug/L	10.0	4.4	2		04/29/16 19:54	120-82-1	
1,1,1-Trichloroethane	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:54	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	2.0	0.39	2		04/29/16 19:54	79-00-5	
Trichloroethene	**<0.66**	ug/L	2.0	0.66	2		04/29/16 19:54	79-01-6	
Trichlorofluoromethane	**<0.37**	ug/L	2.0	0.37	2		04/29/16 19:54	75-69-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:54	96-18-4	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:54	95-63-6	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:54	108-67-8	
Vinyl chloride	**22.3**	ug/L	2.0	0.35	2		04/29/16 19:54	75-01-4	
m&p-Xylene	**<2.0**	ug/L	4.0	2.0	2		04/29/16 19:54	179601-23-1	
o-Xylene	**<1.0**	ug/L	2.0	1.0	2		04/29/16 19:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		2		04/29/16 19:54	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		2		04/29/16 19:54	1868-53-7	
Toluene-d8 (S)	96	%	70-130		2		04/29/16 19:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: MW-1 **Lab ID: 40131442015** Collected: 04/26/16 07:25 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 16:43	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/29/16 16:43	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/29/16 16:43	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 16:43	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/29/16 16:43	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/29/16 16:43	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 16:43	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/29/16 16:43	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/29/16 16:43	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/29/16 16:43	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 16:43	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/29/16 16:43	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/29/16 16:43	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 16:43	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 16:43	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/29/16 16:43	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/29/16 16:43	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 16:43	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/29/16 16:43	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/29/16 16:43	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 16:43	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 16:43	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 16:43	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/29/16 16:43	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/29/16 16:43	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/29/16 16:43	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/29/16 16:43	75-35-4	
cis-1,2-Dichloroethene	**0.78J**	ug/L	1.0	0.26	1		04/29/16 16:43	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/29/16 16:43	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/29/16 16:43	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 16:43	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/29/16 16:43	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/29/16 16:43	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 16:43	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/29/16 16:43	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/29/16 16:43	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 16:43	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/29/16 16:43	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/29/16 16:43	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 16:43	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/29/16 16:43	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/29/16 16:43	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/29/16 16:43	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 16:43	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 16:43	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/29/16 16:43	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: MW-1 **Lab ID: 40131442015** Collected: 04/26/16 07:25 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		04/29/16 16:43	79-34-5	
Tetrachloroethene	**4.3**	ug/L	1.0	0.50	1		04/29/16 16:43	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 16:43	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/29/16 16:43	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/29/16 16:43	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 16:43	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/29/16 16:43	79-00-5	
Trichloroethene	**6.6**	ug/L	1.0	0.33	1		04/29/16 16:43	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/29/16 16:43	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 16:43	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 16:43	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 16:43	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/29/16 16:43	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		04/29/16 16:43	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 16:43	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		04/29/16 16:43	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		04/29/16 16:43	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		04/29/16 16:43	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: MW-2 **Lab ID: 40131442016** Collected: 04/25/16 17:20 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:04	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/29/16 17:04	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/29/16 17:04	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:04	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:04	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/29/16 17:04	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:04	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/29/16 17:04	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/29/16 17:04	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:04	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:04	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/29/16 17:04	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/29/16 17:04	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:04	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:04	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/29/16 17:04	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/29/16 17:04	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:04	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/29/16 17:04	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/29/16 17:04	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:04	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:04	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:04	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/29/16 17:04	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/29/16 17:04	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/29/16 17:04	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/29/16 17:04	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/29/16 17:04	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/29/16 17:04	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/29/16 17:04	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:04	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/29/16 17:04	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/29/16 17:04	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:04	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/29/16 17:04	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:04	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:04	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/29/16 17:04	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/29/16 17:04	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:04	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/29/16 17:04	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/29/16 17:04	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/29/16 17:04	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:04	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:04	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/29/16 17:04	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: MW-2 **Lab ID: 40131442016** Collected: 04/25/16 17:20 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		04/29/16 17:04	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:04	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:04	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/29/16 17:04	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/29/16 17:04	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:04	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/29/16 17:04	79-00-5	
Trichloroethene	**0.59J**	ug/L	1.0	0.33	1		04/29/16 17:04	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/29/16 17:04	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:04	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:04	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:04	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/29/16 17:04	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		04/29/16 17:04	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		04/29/16 17:04	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		04/29/16 17:04	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		04/29/16 17:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: MW-3 **Lab ID: 40131442017** Collected: 04/26/16 08:40 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<5.0**	ug/L	10.0	5.0	10		04/29/16 11:13	71-43-2	
Bromobenzene	**<2.3**	ug/L	10.0	2.3	10		04/29/16 11:13	108-86-1	
Bromochloromethane	**<3.4**	ug/L	10.0	3.4	10		04/29/16 11:13	74-97-5	
Bromodichloromethane	**<5.0**	ug/L	10.0	5.0	10		04/29/16 11:13	75-27-4	
Bromoform	**<5.0**	ug/L	10.0	5.0	10		04/29/16 11:13	75-25-2	
Bromomethane	**<24.3**	ug/L	50.0	24.3	10		04/29/16 11:13	74-83-9	
n-Butylbenzene	**<5.0**	ug/L	10.0	5.0	10		04/29/16 11:13	104-51-8	
sec-Butylbenzene	**<21.9**	ug/L	50.0	21.9	10		04/29/16 11:13	135-98-8	
tert-Butylbenzene	**<1.8**	ug/L	10.0	1.8	10		04/29/16 11:13	98-06-6	
Carbon tetrachloride	**<5.0**	ug/L	10.0	5.0	10		04/29/16 11:13	56-23-5	
Chlorobenzene	**<5.0**	ug/L	10.0	5.0	10		04/29/16 11:13	108-90-7	
Chloroethane	**<3.7**	ug/L	10.0	3.7	10		04/29/16 11:13	75-00-3	
Chloroform	**<25.0**	ug/L	50.0	25.0	10		04/29/16 11:13	67-66-3	
Chloromethane	**<5.0**	ug/L	10.0	5.0	10		04/29/16 11:13	74-87-3	
2-Chlorotoluene	**<5.0**	ug/L	10.0	5.0	10		04/29/16 11:13	95-49-8	
4-Chlorotoluene	**<2.1**	ug/L	10.0	2.1	10		04/29/16 11:13	106-43-4	
1,2-Dibromo-3-chloropropane	**<21.6**	ug/L	50.0	21.6	10		04/29/16 11:13	96-12-8	
Dibromochloromethane	**<5.0**	ug/L	10.0	5.0	10		04/29/16 11:13	124-48-1	
1,2-Dibromoethane (EDB)	**<1.8**	ug/L	10.0	1.8	10		04/29/16 11:13	106-93-4	
Dibromomethane	**<4.3**	ug/L	10.0	4.3	10		04/29/16 11:13	74-95-3	
1,2-Dichlorobenzene	**<5.0**	ug/L	10.0	5.0	10		04/29/16 11:13	95-50-1	
1,3-Dichlorobenzene	**<5.0**	ug/L	10.0	5.0	10		04/29/16 11:13	541-73-1	
1,4-Dichlorobenzene	**<5.0**	ug/L	10.0	5.0	10		04/29/16 11:13	106-46-7	
Dichlorodifluoromethane	**<2.2**	ug/L	10.0	2.2	10		04/29/16 11:13	75-71-8	
1,1-Dichloroethane	**<2.4**	ug/L	10.0	2.4	10		04/29/16 11:13	75-34-3	
1,2-Dichloroethane	**<1.7**	ug/L	10.0	1.7	10		04/29/16 11:13	107-06-2	
1,1-Dichloroethene	**<4.1**	ug/L	10.0	4.1	10		04/29/16 11:13	75-35-4	
cis-1,2-Dichloroethene	**436**	ug/L	10.0	2.6	10		04/29/16 11:13	156-59-2	
trans-1,2-Dichloroethene	**10.0**	ug/L	10.0	2.6	10		04/29/16 11:13	156-60-5	
1,2-Dichloropropane	**<2.3**	ug/L	10.0	2.3	10		04/29/16 11:13	78-87-5	
1,3-Dichloropropane	**<5.0**	ug/L	10.0	5.0	10		04/29/16 11:13	142-28-9	
2,2-Dichloropropane	**<4.8**	ug/L	10.0	4.8	10		04/29/16 11:13	594-20-7	
1,1-Dichloropropene	**<4.4**	ug/L	10.0	4.4	10		04/29/16 11:13	563-58-6	
cis-1,3-Dichloropropene	**<5.0**	ug/L	10.0	5.0	10		04/29/16 11:13	10061-01-5	
trans-1,3-Dichloropropene	**<2.3**	ug/L	10.0	2.3	10		04/29/16 11:13	10061-02-6	
Diisopropyl ether	**<5.0**	ug/L	10.0	5.0	10		04/29/16 11:13	108-20-3	
Ethylbenzene	**<5.0**	ug/L	10.0	5.0	10		04/29/16 11:13	100-41-4	
Hexachloro-1,3-butadiene	**<21.1**	ug/L	50.0	21.1	10		04/29/16 11:13	87-68-3	
Isopropylbenzene (Cumene)	**2.5J**	ug/L	10.0	1.4	10		04/29/16 11:13	98-82-8	
p-Isopropyltoluene	**<5.0**	ug/L	10.0	5.0	10		04/29/16 11:13	99-87-6	
Methylene Chloride	**<2.3**	ug/L	10.0	2.3	10		04/29/16 11:13	75-09-2	
Methyl-tert-butyl ether	**<1.7**	ug/L	10.0	1.7	10		04/29/16 11:13	1634-04-4	
Naphthalene	**<25.0**	ug/L	50.0	25.0	10		04/29/16 11:13	91-20-3	
n-Propylbenzene	**<5.0**	ug/L	10.0	5.0	10		04/29/16 11:13	103-65-1	
Styrene	**<5.0**	ug/L	10.0	5.0	10		04/29/16 11:13	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.8**	ug/L	10.0	1.8	10		04/29/16 11:13	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: MW-3 **Lab ID: 40131442017** Collected: 04/26/16 08:40 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<2.5**	ug/L	10.0	2.5	10		04/29/16 11:13	79-34-5	
Tetrachloroethene	**<5.0**	ug/L	10.0	5.0	10		04/29/16 11:13	127-18-4	
Toluene	**<5.0**	ug/L	10.0	5.0	10		04/29/16 11:13	108-88-3	
1,2,3-Trichlorobenzene	**<21.3**	ug/L	50.0	21.3	10		04/29/16 11:13	87-61-6	
1,2,4-Trichlorobenzene	**<22.1**	ug/L	50.0	22.1	10		04/29/16 11:13	120-82-1	
1,1,1-Trichloroethane	**<5.0**	ug/L	10.0	5.0	10		04/29/16 11:13	71-55-6	
1,1,2-Trichloroethane	**<2.0**	ug/L	10.0	2.0	10		04/29/16 11:13	79-00-5	
Trichloroethene	**4.4J**	ug/L	10.0	3.3	10		04/29/16 11:13	79-01-6	
Trichlorofluoromethane	**<1.8**	ug/L	10.0	1.8	10		04/29/16 11:13	75-69-4	
1,2,3-Trichloropropane	**<5.0**	ug/L	10.0	5.0	10		04/29/16 11:13	96-18-4	
1,2,4-Trimethylbenzene	**<5.0**	ug/L	10.0	5.0	10		04/29/16 11:13	95-63-6	
1,3,5-Trimethylbenzene	**<5.0**	ug/L	10.0	5.0	10		04/29/16 11:13	108-67-8	
Vinyl chloride	**480**	ug/L	10.0	1.8	10		04/29/16 11:13	75-01-4	
m&p-Xylene	**<10.0**	ug/L	20.0	10.0	10		04/29/16 11:13	179601-23-1	
o-Xylene	**<5.0**	ug/L	10.0	5.0	10		04/29/16 11:13	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		10		04/29/16 11:13	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		10		04/29/16 11:13	1868-53-7	
Toluene-d8 (S)	97	%	70-130		10		04/29/16 11:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: PZ-1 **Lab ID: 40131442018** Collected: 04/26/16 06:50 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:25	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/29/16 17:25	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/29/16 17:25	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:25	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:25	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/29/16 17:25	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:25	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/29/16 17:25	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/29/16 17:25	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:25	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:25	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/29/16 17:25	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/29/16 17:25	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:25	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:25	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/29/16 17:25	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/29/16 17:25	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:25	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/29/16 17:25	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/29/16 17:25	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:25	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:25	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:25	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/29/16 17:25	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/29/16 17:25	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/29/16 17:25	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/29/16 17:25	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/29/16 17:25	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/29/16 17:25	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/29/16 17:25	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:25	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/29/16 17:25	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/29/16 17:25	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:25	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/29/16 17:25	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:25	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:25	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/29/16 17:25	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/29/16 17:25	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:25	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/29/16 17:25	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/29/16 17:25	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/29/16 17:25	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:25	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:25	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/29/16 17:25	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: PZ-1 **Lab ID: 40131442018** Collected: 04/26/16 06:50 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		04/29/16 17:25	79-34-5	
Tetrachloroethene	**1.7**	ug/L	1.0	0.50	1		04/29/16 17:25	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:25	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/29/16 17:25	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/29/16 17:25	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:25	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/29/16 17:25	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/29/16 17:25	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/29/16 17:25	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:25	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:25	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:25	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/29/16 17:25	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		04/29/16 17:25	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:25	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		04/29/16 17:25	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		04/29/16 17:25	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		04/29/16 17:25	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: PZ-2 **Lab ID: 40131442019** Collected: 04/26/16 07:00 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:47	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/29/16 17:47	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/29/16 17:47	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:47	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:47	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/29/16 17:47	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:47	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/29/16 17:47	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/29/16 17:47	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:47	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:47	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/29/16 17:47	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/29/16 17:47	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:47	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:47	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/29/16 17:47	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/29/16 17:47	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:47	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/29/16 17:47	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/29/16 17:47	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:47	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:47	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:47	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/29/16 17:47	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/29/16 17:47	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/29/16 17:47	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/29/16 17:47	75-35-4	
cis-1,2-Dichloroethene	**8.4**	ug/L	1.0	0.26	1		04/29/16 17:47	156-59-2	
trans-1,2-Dichloroethene	**0.87J**	ug/L	1.0	0.26	1		04/29/16 17:47	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/29/16 17:47	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:47	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/29/16 17:47	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/29/16 17:47	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:47	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/29/16 17:47	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:47	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:47	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/29/16 17:47	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/29/16 17:47	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:47	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/29/16 17:47	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/29/16 17:47	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/29/16 17:47	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:47	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:47	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/29/16 17:47	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
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(920)469-2436

ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Sample: PZ-2 **Lab ID: 40131442019** Collected: 04/26/16 07:00 Received: 04/27/16 14:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		04/29/16 17:47	79-34-5	
Tetrachloroethene	**4.7**	ug/L	1.0	0.50	1		04/29/16 17:47	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:47	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/29/16 17:47	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/29/16 17:47	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:47	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/29/16 17:47	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/29/16 17:47	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/29/16 17:47	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:47	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:47	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:47	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/29/16 17:47	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		04/29/16 17:47	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		04/29/16 17:47	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		04/29/16 17:47	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		04/29/16 17:47	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		04/29/16 17:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

QC Batch: ICP/12153
QC Batch Method: EPA 6010
Analysis Method: EPA 6010
Analysis Description: ICP Metals, Trace, Dissolved
Associated Lab Samples: 40131442009, 40131442010

METHOD BLANK: 1327368
Matrix: Water
Associated Lab Samples: 40131442009, 40131442010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	<7.2	20.0	04/28/16 21:16	
Barium, Dissolved	ug/L	<1.4	5.0	04/28/16 21:16	
Cadmium, Dissolved	ug/L	<0.60	5.0	04/28/16 21:16	
Chromium, Dissolved	ug/L	<2.1	10.0	04/28/16 21:16	
Iron, Dissolved	ug/L	34.2J	100	04/28/16 21:16	
Lead, Dissolved	ug/L	<3.0	12.0	04/28/16 21:16	
Manganese, Dissolved	ug/L	<1.4	5.0	04/28/16 21:16	
Selenium, Dissolved	ug/L	<6.7	20.0	04/28/16 21:16	
Silver, Dissolved	ug/L	<2.7	10.0	04/28/16 21:16	

LABORATORY CONTROL SAMPLE: 1327369

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	500	454	91	80-120	
Barium, Dissolved	ug/L	500	468	94	80-120	
Cadmium, Dissolved	ug/L	500	467	93	80-120	
Chromium, Dissolved	ug/L	500	475	95	80-120	
Iron, Dissolved	ug/L	5000	4930	99	80-120	
Lead, Dissolved	ug/L	500	464	93	80-120	
Manganese, Dissolved	ug/L	500	463	93	80-120	
Selenium, Dissolved	ug/L	500	459	92	80-120	
Silver, Dissolved	ug/L	250	229	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1327370 1327371

Parameter	Units	40131313001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic, Dissolved	ug/L	14.8J	500	500	500	488	97	95	75-125	3	20	
Barium, Dissolved	ug/L	97.2	500	500	567	562	94	93	75-125	1	20	
Cadmium, Dissolved	ug/L	<0.60	500	500	482	475	96	95	75-125	2	20	
Chromium, Dissolved	ug/L	<2.1	500	500	472	464	94	93	75-125	2	20	
Iron, Dissolved	ug/L	342	5000	5000	5200	5170	97	97	75-125	1	20	
Lead, Dissolved	ug/L	<3.0	500	500	461	456	92	91	75-125	1	20	
Manganese, Dissolved	ug/L	264	500	500	722	714	92	90	75-125	1	20	
Selenium, Dissolved	ug/L	<6.7	500	500	443	443	87	87	75-125	0	20	
Silver, Dissolved	ug/L	<2.7	250	250	188	183	75	73	75-125	3	20	M0

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

QC Batch: MERP/5739 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury Dissolved
Associated Lab Samples: 40131442009, 40131442010

METHOD BLANK: 1332586 Matrix: Water
Associated Lab Samples: 40131442009, 40131442010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	<0.18	0.60	05/11/16 10:00	

LABORATORY CONTROL SAMPLE: 1332587

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	5.2	103	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1332588 1332589

Parameter	Units	40131432001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	<0.18	5	5	5.3	5.5	106	111	85-115	4	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

QC Batch: MSV/33200 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40131442001, 40131442002, 40131442003, 40131442004, 40131442005, 40131442006, 40131442007, 40131442008, 40131442009, 40131442010, 40131442011, 40131442012, 40131442013, 40131442014, 40131442015, 40131442016, 40131442017, 40131442018, 40131442019

METHOD BLANK: 1327176 Matrix: Water
Associated Lab Samples: 40131442001, 40131442002, 40131442003, 40131442004, 40131442005, 40131442006, 40131442007, 40131442008, 40131442009, 40131442010, 40131442011, 40131442012, 40131442013, 40131442014, 40131442015, 40131442016, 40131442017, 40131442018, 40131442019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	04/29/16 06:36	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	04/29/16 06:36	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	04/29/16 06:36	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	04/29/16 06:36	
1,1-Dichloroethane	ug/L	<0.24	1.0	04/29/16 06:36	
1,1-Dichloroethene	ug/L	<0.41	1.0	04/29/16 06:36	
1,1-Dichloropropene	ug/L	<0.44	1.0	04/29/16 06:36	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	04/29/16 06:36	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	04/29/16 06:36	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	04/29/16 06:36	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	04/29/16 06:36	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	04/29/16 06:36	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	04/29/16 06:36	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	04/29/16 06:36	
1,2-Dichloroethane	ug/L	<0.17	1.0	04/29/16 06:36	
1,2-Dichloropropane	ug/L	<0.23	1.0	04/29/16 06:36	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	04/29/16 06:36	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	04/29/16 06:36	
1,3-Dichloropropane	ug/L	<0.50	1.0	04/29/16 06:36	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	04/29/16 06:36	
2,2-Dichloropropane	ug/L	<0.48	1.0	04/29/16 06:36	
2-Chlorotoluene	ug/L	<0.50	1.0	04/29/16 06:36	
4-Chlorotoluene	ug/L	<0.21	1.0	04/29/16 06:36	
Benzene	ug/L	<0.50	1.0	04/29/16 06:36	
Bromobenzene	ug/L	<0.23	1.0	04/29/16 06:36	
Bromochloromethane	ug/L	<0.34	1.0	04/29/16 06:36	
Bromodichloromethane	ug/L	<0.50	1.0	04/29/16 06:36	
Bromoform	ug/L	<0.50	1.0	04/29/16 06:36	
Bromomethane	ug/L	<2.4	5.0	04/29/16 06:36	
Carbon tetrachloride	ug/L	<0.50	1.0	04/29/16 06:36	
Chlorobenzene	ug/L	<0.50	1.0	04/29/16 06:36	
Chloroethane	ug/L	<0.37	1.0	04/29/16 06:36	
Chloroform	ug/L	<2.5	5.0	04/29/16 06:36	
Chloromethane	ug/L	<0.50	1.0	04/29/16 06:36	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	04/29/16 06:36	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	04/29/16 06:36	
Dibromochloromethane	ug/L	<0.50	1.0	04/29/16 06:36	
Dibromomethane	ug/L	<0.43	1.0	04/29/16 06:36	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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(920)469-2436

QUALITY CONTROL DATA

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

METHOD BLANK: 1327176 Matrix: Water

Associated Lab Samples: 40131442001, 40131442002, 40131442003, 40131442004, 40131442005, 40131442006, 40131442007, 40131442008, 40131442009, 40131442010, 40131442011, 40131442012, 40131442013, 40131442014, 40131442015, 40131442016, 40131442017, 40131442018, 40131442019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	<0.22	1.0	04/29/16 06:36	
Diisopropyl ether	ug/L	<0.50	1.0	04/29/16 06:36	
Ethylbenzene	ug/L	<0.50	1.0	04/29/16 06:36	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	04/29/16 06:36	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	04/29/16 06:36	
m&p-Xylene	ug/L	<1.0	2.0	04/29/16 06:36	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	04/29/16 06:36	
Methylene Chloride	ug/L	<0.23	1.0	04/29/16 06:36	
n-Butylbenzene	ug/L	<0.50	1.0	04/29/16 06:36	
n-Propylbenzene	ug/L	<0.50	1.0	04/29/16 06:36	
Naphthalene	ug/L	<2.5	5.0	04/29/16 06:36	
o-Xylene	ug/L	<0.50	1.0	04/29/16 06:36	
p-Isopropyltoluene	ug/L	<0.50	1.0	04/29/16 06:36	
sec-Butylbenzene	ug/L	<2.2	5.0	04/29/16 06:36	
Styrene	ug/L	<0.50	1.0	04/29/16 06:36	
tert-Butylbenzene	ug/L	<0.18	1.0	04/29/16 06:36	
Tetrachloroethene	ug/L	<0.50	1.0	04/29/16 06:36	
Toluene	ug/L	<0.50	1.0	04/29/16 06:36	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	04/29/16 06:36	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	04/29/16 06:36	
Trichloroethene	ug/L	<0.33	1.0	04/29/16 06:36	
Trichlorofluoromethane	ug/L	<0.18	1.0	04/29/16 06:36	
Vinyl chloride	ug/L	<0.18	1.0	04/29/16 06:36	
4-Bromofluorobenzene (S)	%	94	70-130	04/29/16 06:36	
Dibromofluoromethane (S)	%	102	70-130	04/29/16 06:36	
Toluene-d8 (S)	%	99	70-130	04/29/16 06:36	

LABORATORY CONTROL SAMPLE: 1327177

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	57.5	115	70-131	
1,1,2,2-Tetrachloroethane	ug/L	50	46.6	93	67-130	
1,1,2-Trichloroethane	ug/L	50	45.9	92	70-130	
1,1-Dichloroethane	ug/L	50	49.3	99	70-133	
1,1-Dichloroethene	ug/L	50	50.0	100	70-130	
1,2,4-Trichlorobenzene	ug/L	50	38.1	76	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	42.4	85	50-150	
1,2-Dibromoethane (EDB)	ug/L	50	49.5	99	70-130	
1,2-Dichlorobenzene	ug/L	50	48.9	98	70-130	
1,2-Dichloroethane	ug/L	50	53.1	106	70-130	
1,2-Dichloropropane	ug/L	50	47.6	95	70-130	
1,3-Dichlorobenzene	ug/L	50	50.2	100	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

LABORATORY CONTROL SAMPLE: 1327177

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	49.1	98	70-130	
Benzene	ug/L	50	50.7	101	60-135	
Bromodichloromethane	ug/L	50	52.1	104	70-130	
Bromoform	ug/L	50	47.2	94	70-130	
Bromomethane	ug/L	50	38.8	78	33-130	
Carbon tetrachloride	ug/L	50	57.9	116	70-138	
Chlorobenzene	ug/L	50	49.0	98	70-130	
Chloroethane	ug/L	50	46.7	93	51-130	
Chloroform	ug/L	50	52.8	106	70-130	
Chloromethane	ug/L	50	45.7	91	25-132	
cis-1,2-Dichloroethene	ug/L	50	50.2	100	69-130	
cis-1,3-Dichloropropene	ug/L	50	50.1	100	70-130	
Dibromochloromethane	ug/L	50	50.5	101	70-130	
Dichlorodifluoromethane	ug/L	50	49.7	99	23-130	
Ethylbenzene	ug/L	50	50.4	101	70-136	
Isopropylbenzene (Cumene)	ug/L	50	53.3	107	70-140	
m&p-Xylene	ug/L	100	101	101	70-138	
Methyl-tert-butyl ether	ug/L	50	50.4	101	66-138	
Methylene Chloride	ug/L	50	46.4	93	70-130	
o-Xylene	ug/L	50	49.8	100	70-134	
Styrene	ug/L	50	51.5	103	70-133	
Tetrachloroethene	ug/L	50	47.0	94	70-138	
Toluene	ug/L	50	50.3	101	70-130	
trans-1,2-Dichloroethene	ug/L	50	51.5	103	70-131	
trans-1,3-Dichloropropene	ug/L	50	45.3	91	69-130	
Trichloroethene	ug/L	50	52.9	106	70-130	
Trichlorofluoromethane	ug/L	50	59.3	119	50-150	
Vinyl chloride	ug/L	50	51.2	102	49-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Dibromofluoromethane (S)	%			104	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1327539 1327540

Parameter	Units	40131442005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.50	50	50	58.4	59.8	117	120	70-134	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	45.0	47.1	90	94	67-130	5	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	46.5	47.7	93	95	70-130	2	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	50.6	51.2	101	102	70-134	1	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	49.6	51.7	99	103	68-136	4	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	38.2	40.8	76	82	62-139	7	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	42.4	47.9	85	96	50-150	12	20	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	48.1	48.8	96	98	70-130	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1327539 1327540

Parameter	Units	40131442005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichlorobenzene	ug/L	<0.50	50	50	48.4	50.6	97	101	70-130	4	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	53.4	54.4	107	109	70-130	2	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	49.0	49.7	98	99	70-130	2	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	50.0	51.6	100	103	70-131	3	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	48.7	50.2	97	100	70-130	3	20	
Benzene	ug/L	<0.50	50	50	51.9	51.9	104	104	57-138	0	20	
Bromodichloromethane	ug/L	<0.50	50	50	52.1	54.2	104	108	70-130	4	20	
Bromoform	ug/L	<0.50	50	50	47.6	48.1	95	96	70-130	1	20	
Bromomethane	ug/L	<2.4	50	50	40.6	42.9	81	86	33-130	6	27	
Carbon tetrachloride	ug/L	<0.50	50	50	59.7	60.6	119	121	70-138	2	20	
Chlorobenzene	ug/L	<0.50	50	50	48.5	49.8	97	100	70-130	3	20	
Chloroethane	ug/L	<0.37	50	50	47.3	49.0	95	98	51-130	3	20	
Chloroform	ug/L	<2.5	50	50	52.7	54.5	105	109	70-130	3	20	
Chloromethane	ug/L	<0.50	50	50	46.4	47.2	93	94	25-132	2	20	
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	51.7	52.0	103	104	61-140	1	20	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	49.6	51.0	99	102	70-130	3	20	
Dibromochloromethane	ug/L	<0.50	50	50	51.0	51.8	102	104	70-130	2	20	
Dichlorodifluoromethane	ug/L	<0.22	50	50	48.2	48.7	96	97	23-130	1	20	
Ethylbenzene	ug/L	<0.50	50	50	51.0	52.0	102	104	70-138	2	20	
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	52.7	54.8	105	110	70-152	4	20	
m&p-Xylene	ug/L	<1.0	100	100	102	104	102	104	70-140	2	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	50.9	51.1	102	102	66-139	0	20	
Methylene Chloride	ug/L	<0.23	50	50	46.6	47.4	93	95	70-130	2	20	
o-Xylene	ug/L	<0.50	50	50	50.5	51.4	101	103	70-134	2	20	
Styrene	ug/L	<0.50	50	50	50.8	53.0	102	106	70-138	4	20	
Tetrachloroethene	ug/L	<0.50	50	50	47.4	49.0	95	98	70-148	3	20	
Toluene	ug/L	<0.50	50	50	49.7	51.1	99	102	70-130	3	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	52.2	51.7	104	103	70-133	1	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	45.5	47.2	91	94	69-130	3	20	
Trichloroethene	ug/L	<0.33	50	50	52.8	54.2	106	108	70-131	3	20	
Trichlorofluoromethane	ug/L	<0.18	50	50	60.6	61.7	121	123	50-150	2	20	
Vinyl chloride	ug/L	<0.18	50	50	51.9	51.9	104	104	49-133	0	20	
4-Bromofluorobenzene (S)	%						98	98	70-130			
Dibromofluoromethane (S)	%						107	107	70-130			
Toluene-d8 (S)	%						99	97	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

QC Batch: WETA/33491 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 40131442009, 40131442010

METHOD BLANK: 1330099 Matrix: Water
Associated Lab Samples: 40131442009, 40131442010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<2.0	4.0	05/09/16 09:51	

LABORATORY CONTROL SAMPLE: 1330100

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	18.5	93	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1330101 1330102

Parameter	Units	40131705001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	389	400	400	797	808	102	105	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1330103 1330104

Parameter	Units	40131478006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	24.2	100	100	116	116	91	92	90-110	0	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

QC Batch: WETA/33508 Analysis Method: SM 5310C
QC Batch Method: SM 5310C Analysis Description: 5310C Total Organic Carbon
Associated Lab Samples: 40131442009, 40131442010

METHOD BLANK: 1330378 Matrix: Water
Associated Lab Samples: 40131442009, 40131442010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.25	0.84	05/06/16 10:22	

LABORATORY CONTROL SAMPLE: 1330379

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	2.5	2.6	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1330380 1330381

Parameter	Units	40131442009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	166	100	100	268	265	102	99	80-120	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1330382 1330383

Parameter	Units	40131493001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	1080000 ug/L	300	300	1380	1330	101	85	80-120	4	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

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 LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

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 at or above the adjusted LOD.

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40131442

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40131442009	**SMW-9**	EPA 6010	ICP/12153		
40131442010	**SMW-10**	EPA 6010	ICP/12153		
40131442009	**SMW-9**	EPA 7470	MERP/5739	EPA 7470	MERC/8097
40131442010	**SMW-10**	EPA 7470	MERP/5739	EPA 7470	MERC/8097
40131442001	**SMW-1**	EPA 8260	MSV/33200		
40131442002	**SMW-2**	EPA 8260	MSV/33200		
40131442003	**SMW-3**	EPA 8260	MSV/33200		
40131442004	**SMW-4**	EPA 8260	MSV/33200		
40131442005	**SMW-5**	EPA 8260	MSV/33200		
40131442006	**SMW-6**	EPA 8260	MSV/33200		
40131442007	**SMW-7**	EPA 8260	MSV/33200		
40131442008	**SMW-8**	EPA 8260	MSV/33200		
40131442009	**SMW-9**	EPA 8260	MSV/33200		
40131442010	**SMW-10**	EPA 8260	MSV/33200		
40131442011	**SMW-11**	EPA 8260	MSV/33200		
40131442012	**SMW-12**	EPA 8260	MSV/33200		
40131442013	**SMW-13**	EPA 8260	MSV/33200		
40131442014	**SMW-14**	EPA 8260	MSV/33200		
40131442015	**MW-1**	EPA 8260	MSV/33200		
40131442016	**MW-2**	EPA 8260	MSV/33200		
40131442017	**MW-3**	EPA 8260	MSV/33200		
40131442018	**PZ-1**	EPA 8260	MSV/33200		
40131442019	**PZ-2**	EPA 8260	MSV/33200		
40131442009	**SMW-9**	EPA 300.0	WETA/33491		
40131442010	**SMW-10**	EPA 300.0	WETA/33491		
40131442009	**SMW-9**	SM 5310C	WETA/33508		
40131442010	**SMW-10**	SM 5310C	WETA/33508		

CHAIN OF COUSTODY

Pace Analytical® www.pacelabs.com BV

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

4013142

(Please Print Clearly)

Company Name:	Fehr-Graham
Branch/Location:	Plymouth, WI
Project Contact:	Ken Ebbott
Phone:	(920) 892-2444
Project Number:	15-1209
Project Name:	Master Cleaners
Project State:	WI
Sampled By (Print):	Justin Schuenemann
Sampled By (Sign):	[signature]
PO #:	
Regulatory Program:	

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	
Mail To Contact:	Ken Ebbott
Mail To Company:	Fehr-Graham
Mail To Address:	
Invoice To Contact:	a/a
Invoice To Company:	
Invoice To Address:	Derf Pricing
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, Sl = Sludge
W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

				FILTERED? (YES/NO)	N	N	N	Y	Y						
				PRESERVATION (CODE)*	B	C	A	D	D						
PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	VOC	TOC	Sulfate	RCRA Metals	Dissolved Fe, Mn				CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	SMW-1	①4/25/16	1625	GW	X									3-40mLv B	
002	SMW-2	↓	1600												
003	SMW-3		850												
004	SMW-4	4/26/16	735												
005	SMW-5	4/25/16	1615												
006	SMW-6	4/26/16	635												
007	SMW-7	↓	825												
008	SMW-8	4/25/16	1640												
009	SMW-9	4/26/16	905			X	X	X①	X	1-250mLp D		1-250mLp A		1-125mLag C	
010	SMW-10		810			X	X	X	X	↓		↓		↓	
011	SMW-11		750												
012	SMW-12	↓	715											① Per MK.	
013	SMW-13	4/25/16	1650											4/28/16	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	4/26/16	Melissa Venama Pace	4-27-16 1200
Melissa Venama Pace	4-27-16 1420	Katie Schram Pace	4/27/16 1420

PACE Project No. 4013142

Receipt Temp = ROI °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

C019a(27Jun2006) ① filled in by lab per sample labels KS 4/27/16

Version 6.0 06/14/06

ORIGINAL

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

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CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	Fehr Graham
Branch/Location:	Plymouth, WI
Project Contact:	Ken Ebbott
Phone:	(920) 892-2444
Project Number:	15-1209
Project Name:	Master Cleaners
Project State:	WI
Sampled By (Print):	Justin Schuenemann
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	Ken Ebbott
Mail To Company:	Fehr-Graham
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	9/A
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, W = Water, B = Biota, DW = Drinking Water, C = Charcoal, GW = Ground Water, O = Oil, SW = Surface Water, S = Soil, WW = Waste Water, SI = Sludge, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
014	SMW-14	4/26/16	800	GW	N	B	VOC		3-40mlVB	
015	MW-1	↓	725						↓	
016	MW-2	4/25/16	720							
017	MW-3	4/26/16	840							
018	PZ-1		650							
019	PZ-2	↓	700							
	Trip Blank									

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):
Email #1:
Email #2:
Telephone:
Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
	4/26/16	Melissa Vinnemann Pace	4-27-16 1200
Melissa Vinnemann Pace	4-27-16 1420	Katie Schuenemann Pace	4/27/16 1420

PACE Project No.: 40131442

Receipt Temp = RO1 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal: Present / Not Present; Intact / Not Intact

C019a(27Jun2006) ① filled in by lab per samples labels kd 4/27/16

Version 6.0 06/14/06

ORIGINAL

Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Client Name: Fehr Graham

Project #

WO#: 40131442

40131442

Courier: ☐ Fed Ex ☐ UPS ☐ Client ☑ Pace Other: _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other

Thermometer Used NA **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: /Corr: R01 **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

Person examining contents:
Date: 4/27/16
Initials: KJS

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☐Yes ☑No ☐N/A	2. (1) metals tests not requested KJS 4/27/16
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3. no 1st relinquish time BH 4/27/16
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☐Yes ☑No ☐N/A	8. no trip blank sent KJS 4/27/16
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	(☑Yes) ☐No ~~☐N/A~~ KJS 4/27/16	11.
Sample Labels match COC:	☐Yes ☑No ☐N/A	12. 001 1 vial no date, 003 3 vials no date KJS 4/27/16
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	(☑Yes) ☐No ~~☐N/A~~	13. ☑ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	KJS 4/27/16 (☑Yes) ☐No ~~☐N/A~~	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☑Yes ☐No	Initial when completed / Lab Std #ID of preservative / Date/ Time:
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	14.
Trip Blank Present:	☐Yes ☑No ☐N/A	15.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:
Person Contacted: Megan Hansen Date/Time: 4-28-16
If checked, see attached form for additional comments ☐
Comments/ Resolution: Add metals analysis for SMW-9 and SMW-10. Proceed without Trip Blanks. 4/28/16 cam

Project Manager Review: CA **Date:** 4-28-16