

October 29, 2015

RECEIVED

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

NOV 2 2015

Initial: _____

RE: Results of September 2015 Groundwater Sampling, Master Dry Cleaners DERF Site,
6326 W. Bluemound Road, Wauwatosa, WI, BRRTS # 02-41-545142

Dear Mr. Hnat:

Groundwater Sampling

A round of groundwater samples was obtained from the nineteen well monitoring network at the Master Drycleaner site in Wauwatosa. The samples were obtained on September 30, 2015, with water levels and field parameters measured on September 29th. The groundwater sampling was performed using new bailers at each well.

The sampling was performed as a monitor of the current chemistry, and to serve as a baseline prior to injection of Provect-IR reagent. The last round of groundwater samples was obtained in 2009 or 2012, depending on the location. Access permits were obtained from all private property well locations prior to sampling.

The samples were retained and submitted to Pace Laboratory, Green Bay, WI for analysis of VOCs. The laboratory analytical results are attached.

Results

The groundwater elevations were measured from the well PVC lip, and the previous surveyed elevations were used to determine the direction of groundwater flow. Results are shown on Table A.6 and mapped on Figure 2. The flow direction trends to the north, as observed previously. Vertical gradients are downward, as monitored at the two well nests, MW-9 / PZ-1, and MW-4 / PZ-2. The water elevations at wells SMW-3 and SMW-9 are slightly lower than expected based on values from nearby wells, as has been observed in previous readings, but the overall direction of groundwater flow across the site is to the north.

The groundwater chemistry continues to display elevated levels of drycleaning chemicals and some petroleum constituents (Table 1 and Figure 1).

Elevated levels of petroleum compounds, including benzene, ethylbenzene, naphthalene, xylenes, and trimethylbenzenes remain present on the property near the former underground storage tank excavation. Petroleum compounds extend off-site and are also present in groundwater from well MW-10, located on the adjacent parcel to the north

(518 N 64th St), while some petroleum compounds are also present in wells SMW-3 and off-site at well MW-3, east / northeast of the former UST excavation area.

Elevated levels of drycleaning chemicals are present at their highest concentrations adjacent to the building east (rear) door, where concentrations of the drycleaning solvent tetrachloroethene (PCE) are present at levels of 81,800 ug/l. Degradation products of PCE are also present at elevated levels, including trichloroethene, dichloroethene, and vinyl chloride. PCE in the groundwater extends across three off-site parcels to the north and northeast (518 and 524 N 64th St, 6310 W. Bluemound Rd), while degradation products are present in groundwater on those properties as well as in the 64th street right of way at well MW-14, and in well MW-12 at 523 N 63rd St.

Contaminant concentrations appear generally improved since the last sample event at most locations, but some degradation product concentrations have increased over time.

A letter presenting the results of the September 30, 2015 groundwater monitoring has been sent to all off-site property owners, and a copy of those letters has previously been provided for your files.

Recommendations

The WDNR-approved remediation strategy for this site includes treatment of the groundwater on the Master Cleaners property via injection of a solution of water and iron / carbon. Following injection, the groundwater chemistry will be monitored over time at the site monitoring well network. An injection permit has been requested from the WDNR to complete this work, anticipated to begin this fall. After treatment of the source area, we expect these concentrations in the groundwater to decrease over time.

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: Laboratory Analytical Report
Table 1 Groundwater Analytical Table
Table A.6 Water Level Elevations
Figure 1 Groundwater Chemistry Sept 30 2015
Figure 2 Groundwater Elevation and Flow 9/29/15

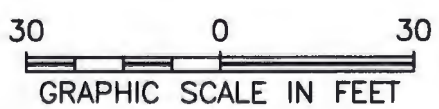
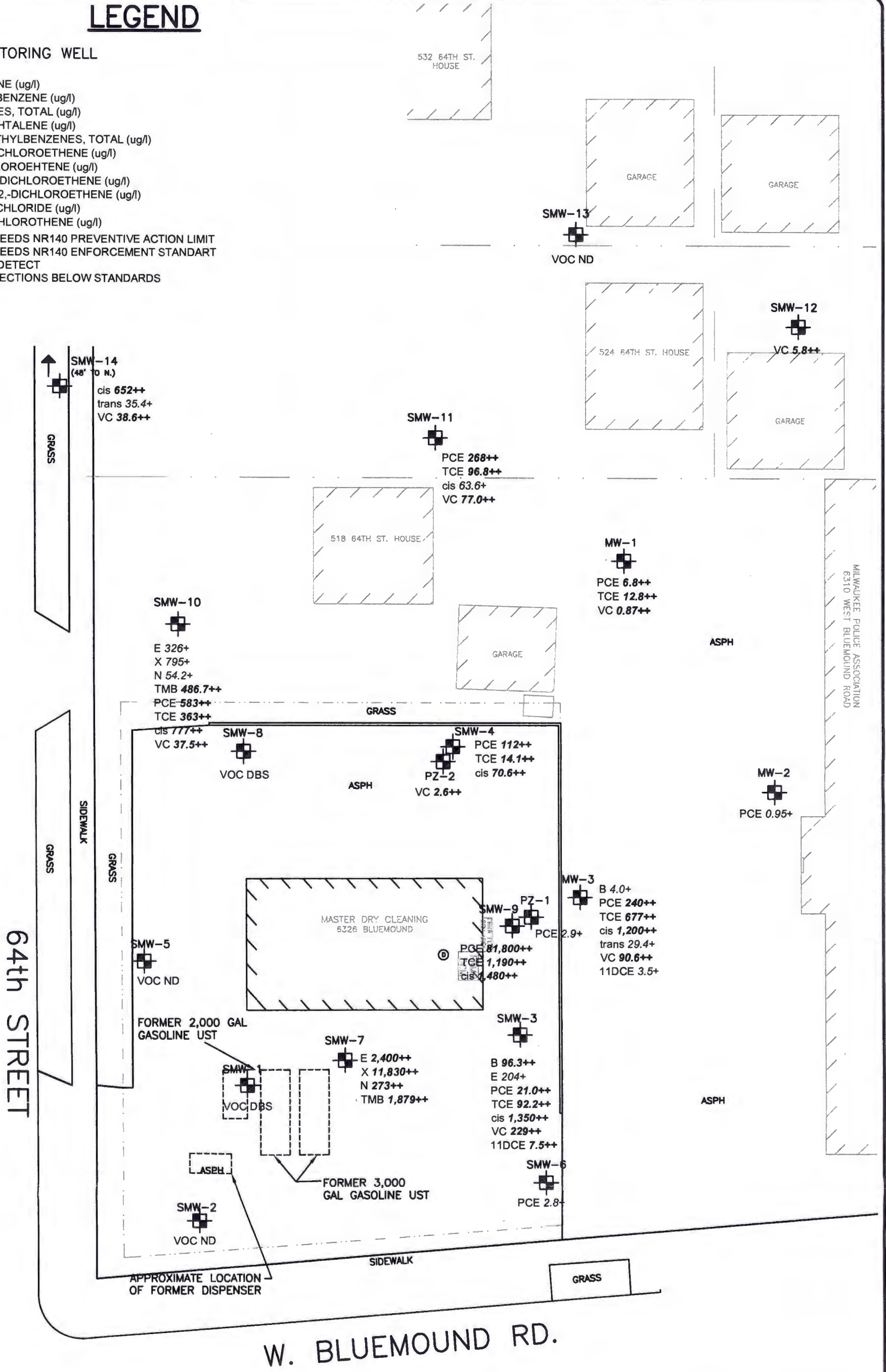
Cc: Mr. Harold Shipshock, Master Cleaners, c/o Mr. Tom Shipshock
Mr. Don Gallo, Whyte Hirschboeck, via email only

LEGEND

MW-1
 MONITORING WELL

- B BENZENE (ug/l)
- E ETHYLBENZENE (ug/l)
- X XYLENES, TOTAL (ug/l)
- N NAPHTHTALENE (ug/l)
- TMB TRIMETHYLBENZENES, TOTAL (ug/l)
- PCE TETRACHLOROETHENE (ug/l)
- TCE TRICHLOROETHENE (ug/l)
- cis cis-1,2,-DICHLOROETHENE (ug/l)
- trans trans-1,2,-DICHLOROETHENE (ug/l)
- VC VINYL CHLORIDE (ug/l)
- 11DEC 1,1-DICHLOROETHENE (ug/l)

ITALICS+ EXCEEDS NR140 PREVENTIVE ACTION LIMIT
BOLD++ EXCEEDS NR140 ENFORCEMENT STANDART
 ND NO DETECT
 DBS DETECTIONS BELOW STANDARDS



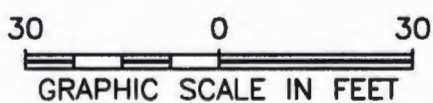
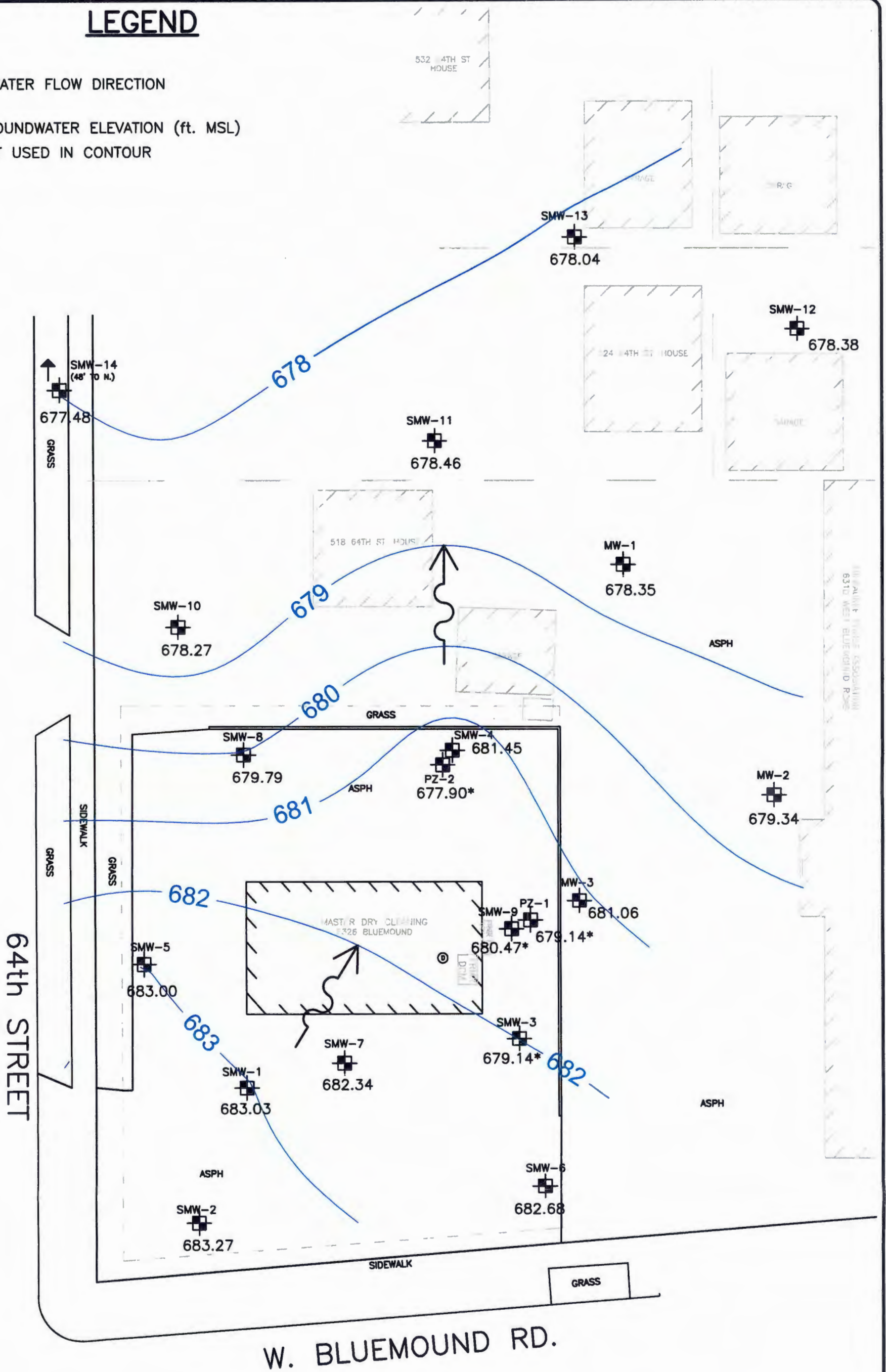
FEHR GRAHAM ENGINEERING & ENVIRONMENTAL ILLINOIS IOWA WISCONSIN	TITLE: GROUNDWATER CHEMISTRY 9/30/15
	MASTER DRYCLEANING INC. 6326 BLUEMOUND RD. WAUWATOSA, WI 53213
DRWN: MKH DATE: 10/1/15 APPD: XXX	BRRTS: 02-41-545142 FIGURE: 1 JOB NO.: 15-1209 PRINT DATE: 10/19/15

LEGEND

↑ GROUNDWATER FLOW DIRECTION

678.35 GROUNDWATER ELEVATION (ft. MSL)

677.90* NOT USED IN CONTOUR



FEHR GRAHAM ILLINOIS IOWA WISCONSIN
ENGINEERING & ENVIRONMENTAL

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

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

TITLE: GROUNDWATER ELEVATION & FLOW
9/30/15

BRRTS: 02-41-545142
JOB NO.: 15-1209
PRINT DATE: 00/00/00

FIGURE: 2

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	SMW-1					
Date	Groundwater Elevation			12/12/06	09/25/07	12/06/07	09/09/08	08/18/09	09/30/15
				682.46	682.06	680.92	682.05	681.43	683.03
Benzene	(ug/L)	0.5	5	<0.47	<i>0.51 J</i>	<0.47	<i>0.38 J</i>	<0.41	<0.50
Ethylbenzene	(ug/L)	140	700	<i>2.19</i>	<i>72</i>	<i>0.61 J</i>	<i>23.6</i>	<0.87	<i>23.9</i>
Toluene	(ug/L)	160	800	<0.59	<i>0.93 J</i>	<0.46	<i>0.62 J</i>	<0.51	<0.50
Xylenes (TOTAL)	(ug/L)	400	2,000	<i>7.05 J</i>	<i>16.45</i>	<0.99	<i>2.47 J</i>	<2.13	<i>2.3</i>
m&p-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	<i>2.3</i>
o-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	<0.50
Naphthalene	(ug/L)	10	100	<2.2	<i>3.8 J</i>	<1.8	<i>2.19 J</i>	<1.7	<2.5
MTBE	(ug/L)	12	60	<0.52	<0.52	<0.52	<0.7	<0.5	<0.17
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	<i>1.48</i>	<i>18.5</i>	<1.2	<i>0.83 J</i>	<1.1	<i>0.91 J</i>
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	<i>4.2</i>	<0.37	<0.37	<0.23	<1.5	<0.50
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	96	480	<i>5.68</i>	<i>18.5</i>	<1.57	<i>0.83</i>	<2.6	<i>0.91</i>
Tetrachloroethene (PCE)	(ug/L)	0.5	5	<0.52	<i>0.69 J</i>	<0.52	<i>0.60</i>	<0.42	<0.50
Trichloroethene (TCE)	(ug/L)	0.5	5	<0.44	<i>0.56 J</i>	<0.44	<0.47	<0.39	<0.33
cis-1,2-Dichloroethene	(ug/L)	7	70	<0.68	<0.68	<0.68	<0.44	<0.68	<0.26
trans-1,2-Dichloroethene	(ug/L)	20	100	<0.95	<0.95	<0.95	<0.61	<0.61	<0.26
Vinyl Chloride	(ug/L)	0.02	0.2	<0.17	<0.2	<0.2	<0.2	<0.2	<0.18
Methylene Chloride	(ug/L)	0.5	5	<0.69	<0.69	<0.69	<0.99	<1.5	<0.23
Bromobenzene	(ug/L)	NS	NS	<0.62	<0.36	<0.36	<0.44	<0.43	<0.23
Bromochloromethane	(ug/L)	NS	NS	NR	NR	NR	NR	NR	<0.34
Bromodichloromethane	(ug/L)	0.06	0.6	<0.82	<0.5	<0.5	<0.3	<0.41	<0.50
Bromoform	(ug/L)	0.44	4.4	<0.3	<0.38	<0.38	<0.7	<0.46	<0.50
Bromomethane	(ug/L)	1	10	NR	NR	NR	NR	NR	<2.4
n-Butylbenzene	(ug/L)	NS	NS	<1.1	<i>7.3</i>	<0.52	<i>1.06 J</i>	<1.5	<i>4.9</i>
sec-Butylbenzene	(ug/L)	NS	NS	<0.76	<i>8</i>	<i>0.59 J</i>	<i>1.64 J</i>	<i>0.86 J</i>	<i>7.2</i>
tert-Butylbenzene	(ug/L)	NS	NS	<0.6	<0.34	<0.34	<0.32	<0.46	<0.18
Carbon Tetrachloride	(ug/L)	0.5	5	<0.52	<0.46	<0.46	<0.3	<0.43	<0.50
Chlorobenzene	(ug/L)	NS	NS	<0.56	<0.31	<0.31	<0.39	<0.39	<0.50
Chloroethane	(ug/L)	80	400	<0.54	<0.47	<0.47	<0.97	<1.5	<0.37
Chloroform	(ug/L)	0.6	6	<0.61	<0.48	<0.48	<0.47	<0.48	<2.5
Chloromethane	(ug/L)	3	30	<1.0	<1	<1	<0.5	<0.5	<0.50
2-Chlorotoluene	(ug/L)	NS	NS	<1.1	<0.49	<0.49	<0.41	<0.37	<0.50
4-Chlorotoluene	(ug/L)	NS	NS	<0.62	<0.38	<0.38	<0.3	<0.63	<0.21
1,2-Dibromo-3-chloropropane	(ug/L)	0.02	0.2	<2.5	<1.4	<1.4	<1.7	<2	<2.2
Dibromochloromethane	(ug/L)	6	60	<0.65	<0.32	<0.32	<0.4	<0.76	<0.50
1,2-Dibromoethane (EDB)	(ug/L)	0.005	0.05	<0.49	<0.49	<0.49	<0.76	<0.52	<0.18
Dibromomethane	(ug/L)	NS	NS	NR	NR	NR	NR	NR	<0.43
1,2-Dichlorobenzene	(ug/L)	60	600	<0.69	<0.35	<0.35	<0.88	<0.66	<0.50
1,3-Dichlorobenzene	(ug/L)	120	600	<0.72	<0.3	<0.3	<0.67	<0.34	<0.50
1,4-Dichlorobenzene	(ug/L)	15	75	<0.68	<0.33	<0.33	<0.74	<0.77	<0.40
Dichlorodifluoromethane	(ug/L)	200	1,000	<0.5	<0.46	<0.46	<0.76	<0.45	<0.22
1,1-Dichloroethane	(ug/L)	85	850	<0.56	<0.56	<0.56	<0.59	<0.44	<0.24
1,2-Dichloroethane	(ug/L)	0.5	5	<0.72	<0.45	<0.45	<0.41	<0.43	<0.17
1,1-Dichloroethene	(ug/L)	0.7	7	<0.3	<0.64	<0.64	<0.5	<0.47	<0.41
1,2-Dichloropropane	(ug/L)	0.5	5	<0.47	<0.47	<0.47	<0.27	<0.26	<0.23
1,3-Dichloropropane	(ug/L)	NS	NS	<0.67	<0.39	<0.39	<0.4	<0.49	<0.50
2,2-Dichloropropane	(ug/L)	NS	NS	<1.2	<0.98	<0.98	<0.53	<0.89	<0.48
1,1-Dichloropropene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	<0.44
cis-1,3-Dichloropropene	(ug/L)	0.04	0.4	NR	NR	NR	NR	NR	<0.50
trans-1,3-Dichloropropene	(ug/L)	0.04	0.4	NR	NR	NR	NR	NR	<0.23
Diisopropyl ether	(ug/L)	NS	NS	<0.71	<1.3	<1.3	<0.37	<0.32	<0.50
Hexachloro-1,3-butadiene	(ug/L)	NS	NS	<2.1	<1.5	<1.5	<1.7	<1.5	<2.1
Isopropylbenzene	(ug/L)	NS	NS	<0.99	<i>35</i>	<i>1.3 J</i>	<i>14.6</i>	<i>1.79</i>	<i>25.8</i>
p-Isopropyltoluene	(ug/L)	NS	NS	<0.81	<i>1.58</i>	<0.35	<0.77	<0.57	<i>1.3</i>
n-Propylbenzene	(ug/L)	NS	NS	<0.61	<i>100</i>	<i>2.16</i>	<i>31.5</i>	<i>2.31</i>	<i>71.4</i>
Styrene	(ug/L)	10	100	NR	NR	NR	NR	NR	<0.50
1,1,1,2-Tetrachloroethane	(ug/L)	7	70	<0.65	<0.65	<0.65	<0.32	<0.54	<0.18
1,1,1,2,2-Tetrachloroethane	(ug/L)	0.02	0.2	<0.89	<0.75	<0.75	<0.5	<0.55	<0.25
1,2,3-Trichlorobenzene	(ug/L)	NS	NS	<1.4	<1.6	<1.6	<1.6	<1.6	<2.1
1,2,4-Trichlorobenzene	(ug/L)	14	70	<1.5	<1.5	<1.5	<1.1	<2.1	<2.2
1,1,1-Trichloroethane	(ug/L)	40	200	<0.5	<0.5	<0.5	<0.28	<0.46	<0.50
1,1,2-Trichloroethane	(ug/L)	0.5	5	<0.5	<0.5	<0.5	<0.39	<0.41	<0.20
Trichlorofluoromethane	(ug/L)	NS	NS	<0.61	<0.61	<0.61	<0.81	<0.72	<0.18
1,2,3-Trichloropropane	(ug/L)	12	60	NR	NR	NR	NR	NR	<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

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

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

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	
Groundwater Elevation	680.23			678.83	678.71	678.97	678.34	679.17	681.45	
Benzene	(ug/L)	0.5	5	<23.5	<9.4	<9.4	<12	<8.2	<i>1.28 J</i>	<0.50
Ethylbenzene	(ug/L)	140	700	<19	<7.6	<7.6	107	39 J	<0.98	<0.50
Toluene	(ug/L)	160	800	<29.5	<9.2	<9.2	254	88	<0.89	<0.50
Xylenes (TOTAL)	(ug/L)	400	2,000	<55	<19.4	<19.8	411	165	<i>2.06 J</i>	<1.5
m&p-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	<1.0
o-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	<0.50
Naphthalene	(ug/L)	10	100	<110	<36	<36	<90	<34	<2	<2.5
MTBE	(ug/L)	12	60	<26	<10.4	<10.4	<35	<10	<0.47	<0.17
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	<19.5	<24	<24	36 J	<22	<1.4	<0.50
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	<60	<7.4	<7.4	13.5 J	<30	<1.3	<0.50
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	96	480	<60	<31.4	<31.4	49.5	<52	<1.4	<1.0
Tetrachloroethene (PCE)	(ug/L)	0.5	5	670	610	560	560	460	--	112
Trichloroethene (TCE)	(ug/L)	0.5	5	340	540	430	400	330	--	14.1
cis-1,2-Dichloroethene	(ug/L)	7	70	1,460	1,730	1,900	5,600	2,530	--	70.6
trans-1,2-Dichloroethene	(ug/L)	20	100	84 J	105	89	123	77	--	4.6
Vinyl Chloride	(ug/L)	0.02	0.2	11.5 J	11.8 J	13.4	44	16	--	<0.18
Methylene Chloride	(ug/L)	0.5	5	<34.5	<13.8	<13.8	<49.5	<30	--	<0.23
Bromobenzene	(ug/L)	NS	NS	<31	<7.2	<7.2	<22	<8.6	--	<0.23
Bromochloromethane	(ug/L)	NS	NS	NR	NR	NR	NR	NR	--	<0.34
Bromodichloromethane	(ug/L)	0.06	0.6	<41	<10	<10	<15	<8.2	--	<0.50
Bromoform	(ug/L)	0.44	4.4	<15	<7.6	<7.6	<35	<9.2	--	<0.50
Bromomethane	(ug/L)	1	10	NR	NR	NR	NR	NR	--	<2.4
n-Butylbenzene	(ug/L)	NS	NS	<55	<10.4	<10.4	<27.5	<30	--	<0.50
sec-Butylbenzene	(ug/L)	NS	NS	<38	<7.2	<7.2	<36.5	<8.6	--	<2.2
tert-Butylbenzene	(ug/L)	NS	NS	<30	<6.8	<6.8	<16	<9.2	--	<0.18
Carbon Tetrachloride	(ug/L)	0.5	5	<26	<9.2	<9.2	<15	<8.6	--	<0.50
Chlorobenzene	(ug/L)	NS	NS	<28	<6.2	<6.2	<19.5	<7.8	--	<0.50
Chloroethane	(ug/L)	80	400	<27	<9.4	<9.4	<48.5	<30	--	<0.37
Chloroform	(ug/L)	0.6	6	<30.5	<9.6	<9.6	<23.5	<9.6	--	<2.5
Chloromethane	(ug/L)	3	30	<50	<20	<20	<25	<10	--	<0.50
2-Chlorotoluene	(ug/L)	NS	NS	<55	<9.8	<9.8	<20.5	<7.4	--	<0.50
4-Chlorotoluene	(ug/L)	NS	NS	<31	<7.6	<7.6	<15	<12.6	--	<0.21
1,2-Dibromo-3-chloropropane	(ug/L)	0.02	0.2	<125	<28	<28	<85	<40	--	<2.2
Dibromochloromethane	(ug/L)	6	60	<32.5	<6.4	<6.4	<20	<15.2	--	<0.50
1,2-Dibromoethane (EDB)	(ug/L)	0.005	0.05	<24.5	<9.8	<9.8	<38	<10.4	--	<0.18
Dibromomethane	(ug/L)	NS	NS	NR	NR	NR	NR	NR	--	<0.43
1,2-Dichlorobenzene	(ug/L)	60	600	<34.5	<7	<7	<44	<13.2	--	<0.50
1,3-Dichlorobenzene	(ug/L)	120	600	<36	<6	<6	<33.5	<6.8	--	<0.30
1,4-Dichlorobenzene	(ug/L)	15	75	<34	<6.6	<6.6	<37	<15.4	--	<0.50
Dichlorodifluoromethane	(ug/L)	200	1,000	<25	<9.2	<9.2	<38	<9	--	<0.22
1,1-Dichloroethane	(ug/L)	85	850	<28	<11.2	<11.2	<29.5	<8.8	--	<0.24
1,2-Dichloroethane	(ug/L)	0.5	5	<36	<9	<9	<20.5	<8.6	--	<0.17
1,1-Dichloroethene	(ug/L)	0.7	7	<15	<12.8	<12.8	<25	10 J	--	0.42 J
1,2-Dichloropropane	(ug/L)	0.5	5	<23.5	<9.4	<9.4	<13.5	<5.2	--	<0.23
1,3-Dichloropropane	(ug/L)	NS	NS	<33.5	<7.8	<7.8	<20	<9.8	--	<0.50
2,2-Dichloropropane	(ug/L)	NS	NS	<60	<19.6	<19.6	<26.5	<17.8	--	<0.48
1,1-Dichloropropene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	--	<0.44
cis-1,3-Dichloropropene	(ug/L)	0.04	0.4	NR	NR	NR	NR	NR	--	<0.50
trans-1,3-Dichloropropene	(ug/L)	0.04	0.4	NR	NR	NR	NR	NR	--	<0.23
Diisopropyl ether	(ug/L)	NS	NS	<35.5	<26	<26	<18.5	<6.4	--	<0.50
Hexachloro-1,3-butadiene	(ug/L)	NS	NS	<105	<30	<30	<85	<30	--	<2.1
Isopropylbenzene	(ug/L)	NS	NS	<49.5	<9.6	<9.6	<30	<7.8	--	<0.14
p-Isopropyltoluene	(ug/L)	NS	NS	<40.5	<7	<7	<38.5	<11.4	--	<0.50
n-Propylbenzene	(ug/L)	NS	NS	<30.5	<7.6	<7.6	<27	<6.6	--	<0.50
Styrene	(ug/L)	10	100	NR	NR	NR	NR	NR	--	<0.50
1,1,1,2-Tetrachloroethane	(ug/L)	7	70	<32.5	<13	<13	<16	<10.8	--	<0.18
1,1,2,2-Tetrachloroethane	(ug/L)	0.02	0.2	<44.5	<15	<15	<25	<11	--	<0.25
1,2,3-Trichlorobenzene	(ug/L)	NS	NS	<70	<32	<32	<80	<32	--	<2.1
1,2,4-Trichlorobenzene	(ug/L)	14	70	<75	<30	<30	<55	<42	--	<2.2
1,1,1-Trichloroethane	(ug/L)	40	200	<25	<10	<10	<14	<9.2	--	<0.50
1,1,2-Trichloroethane	(ug/L)	0.5	5	<25	<10	<10	<19.5	<8.2	--	<0.20
Trichlorofluoromethane	(ug/L)	NS	NS	<30.5	<12.2	<12.2	<40.5	<14.4	--	<0.18
1,2,3-Trichloropropane	(ug/L)	12	60	NR	NR	NR	NR	NR	--	<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

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

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

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	SMW-7							
				09/25/07	12/06/07	09/09/08	08/18/09	07/01/10	10/29/10	01/10/12	09/30/15
Date											
Groundwater Elevation				681.13	680.41	681.45	680.81	683.43	680.24	681.80	682.34
Benzene	(ug/L)	0.5	5	99	46 J	18 J	<20.5	<20	<20	<24.5	<20.0
Ethylbenzene	(ug/L)	140	700	2,750	2,070	3,500	2,960	2,490	2,570	2,760	2,400
Toluene	(ug/L)	160	800	1,460	1,800	860	610	400	420	234	70.3
Xylenes (TOTAL)	(ug/L)	400	2,000	14,300	9,800	15,900	12,800	11,800	11,500	12,400	11,830
m&p-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	NR	9,050
o-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	NR	2,780
Naphthalene	(ug/L)	10	100	188 J	109 J	400	340	390	360	410	273
MTBE	(ug/L)	12	60	<26	<26	<35	<25	<24.5	<24.5	<23.5	<7.0
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	1,370	810	2,090	1,360	1,400	1,420	1,730	1,530
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	310	234	550	304	380	380	510	349
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
Tetrachloroethene (PCE)	(ug/L)	0.5	5	<26	<26	<25	<21	--	--	--	<20.0
Trichloroethene (TCE)	(ug/L)	0.5	5	<22	<22	<23.5	<19.5	--	--	--	<13.2
cis-1,2-Dichloroethene	(ug/L)	7	70	<34	<34	<22	<34	--	--	--	<10.2
trans-1,2-Dichloroethene	(ug/L)	20	100	<47.5	<47.5	<30.5	<30.5	--	--	--	<10.3
Vinyl Chloride	(ug/L)	0.02	0.2	<10	<10	<10	<10	--	--	--	<7.0
Methylene Chloride	(ug/L)	0.5	5	<34.5	<34.5	<49.5	<75	--	--	--	<9.3
Bromobenzene	(ug/L)	NS	NS	<18	<18	<22	<21.5	--	--	--	<9.2
Bromochloromethane	(ug/L)	NS	NS	NR	NR	NR	NR	--	--	--	<13.6
Bromodichloromethane	(ug/L)	0.06	0.6	<25	<25	<15	<20.5	--	--	--	<20.0
Bromoform	(ug/L)	0.44	4.4	<19	<19	<35	<23	--	--	--	<20.0
Bromomethane	(ug/L)	1	10	NR	NR	NR	NR	--	--	--	<97.4
n-Butylbenzene	(ug/L)	NS	NS	<26	<26	53 J	<75	--	--	--	<20.0
sec-Butylbenzene	(ug/L)	NS	NS	<18	<18	<36.5	<21.5	--	--	--	<87.4
tert-Butylbenzene	(ug/L)	NS	NS	<17	<17	<16	<23	--	--	--	<7.2
Carbon Tetrachloride	(ug/L)	0.5	5	<23	<23	<15	<21	--	--	--	<20.0
Chlorobenzene	(ug/L)	NS	NS	<15.5	<15.5	<19.5	<19.5	--	--	--	<20.0
Chloroethane	(ug/L)	80	400	<23.5	<23.5	<48.5	<75	--	--	--	<15.0
Chloroform	(ug/L)	0.6	6	<24	<24	<23.5	<24	--	--	--	<100
Chloromethane	(ug/L)	3	30	<50	<50	<25	<25	--	--	--	<20.0
2-Chlorotoluene	(ug/L)	NS	NS	<24.5	<24.5	<20.5	<18.5	--	--	--	<20.0
4-Chlorotoluene	(ug/L)	NS	NS	<19	<19	<15	<31.5	--	--	--	<8.5
1,2-Dibromo-3-chloropropane	(ug/L)	0.02	0.2	<70	<70	<85	<100	--	--	--	<86.5
Dibromochloromethane	(ug/L)	6	60	<16	<16	<20	<38	--	--	--	<20.0
1,2-Dibromoethane (EDB)	(ug/L)	0.005	0.05	<24.5	<24.5	<38	<26	--	--	--	<7.1
Dibromomethane	(ug/L)	NS	NS	NR	NR	NR	NR	--	--	--	<17.1
1,2-Dichlorobenzene	(ug/L)	60	600	<17.5	<17.5	<44	<33	--	--	--	<20.0
1,3-Dichlorobenzene	(ug/L)	120	600	<15	<15	<33.5	<17	--	--	--	<20.0
1,4-Dichlorobenzene	(ug/L)	15	75	<16.5	<16.5	<37	<38.5	--	--	--	<20.0
Dichlorodifluoromethane	(ug/L)	200	1,000	<23	<23	<38	<22.5	--	--	--	<9.0
1,1-Dichloroethane	(ug/L)	85	850	<28	<28	<29.5	<22	--	--	--	<9.7
1,2-Dichloroethane	(ug/L)	0.5	5	<22.5	<22.5	<20.5	<21.5	--	--	--	<6.7
1,1-Dichloroethene	(ug/L)	0.7	7	<32	<32	<25	<23.5	--	--	--	<16.4
1,2-Dichloropropane	(ug/L)	0.5	5	<23.5	<23.5	<13.5	<13	--	--	--	<9.3
1,3-Dichloropropane	(ug/L)	NS	NS	<19.5	<19.5	<20	<24.5	--	--	--	<20.0
2,2-Dichloropropane	(ug/L)	NS	NS	<49	<49	<26.5	<44.5	--	--	--	<19.4
1,1-Dichloropropene	(ug/L)	NS	NS	NR	NR	NR	NR	--	--	--	<17.6
cis-1,3-Dichloropropene	(ug/L)	0.04	0.4	NR	NR	NR	NR	--	--	--	<20.0
trans-1,3-Dichloropropene	(ug/L)	0.04	0.4	NR	NR	NR	NR	--	--	--	<9.2
Diisopropyl ether	(ug/L)	NS	NS	<65	<65	<18.5	<16	--	--	--	<20.0
Hexachloro-1,3-butadiene	(ug/L)	NS	NS	<75	<75	<85	<75	--	--	--	<84.2
Isopropylbenzene	(ug/L)	NS	NS	57 J	48 J	108	75	--	--	--	49.7
p-Isopropyltoluene	(ug/L)	NS	NS	<17.5	<17.5	<38.5	<28.5	--	--	--	<20.0
n-Propylbenzene	(ug/L)	NS	NS	121	110	300	220	--	--	--	119
Styrene	(ug/L)	10	100	NR	NR	NR	NR	--	--	--	<20.0
1,1,1,2-Tetrachloroethane	(ug/L)	7	70	<32.5	<32.5	<16	<27	--	--	--	<7.2
1,1,1,2,2-Tetrachloroethane	(ug/L)	0.02	0.2	<37.5	<37.5	<25	<27.5	--	--	--	<10
1,2,3-Trichlorobenzene	(ug/L)	NS	NS	<80	<80	<80	<80	--	--	--	<85.3
1,2,4-Trichlorobenzene	(ug/L)	14	70	<75	<75	<55	<105	--	--	--	<88.4
1,1,1-Trichloroethane	(ug/L)	40	200	<25	<25	<14	<23	--	--	--	<20.0
1,1,2-Trichloroethane	(ug/L)	0.5	5	<25	<25	<19.5	<20.5	--	--	--	<7.9
Trichlorofluoromethane	(ug/L)	NS	NS	<30.5	<30.5	<40.5	<36	--	--	--	<7.4
1,2,3-Trichloropropane	(ug/L)	12	60	NR	NR	NR	NR	--	--	--	<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

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

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

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

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

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	SMW-10						SMW-11		
Date	09/09/08			08/18/09	07/01/10	10/29/10	01/10/12	09/30/15	09/09/08	08/18/09	09/30/15	
Groundwater Elevation	678.23			677.94	680.07	677.51	678.29	678.27	678.76	678.13	678.46	
Benzene	(ug/L)	0.5	5	24.5 J	<20.5	<4	6.1	3.6	<5.0	<4.8	<8.2	<0.50
Ethylbenzene	(ug/L)	140	700	2,470	105 J	12 J	296	390	326	<7	<17.4	<0.50
Toluene	(ug/L)	160	800	1,140	53 J	37	65	120	65.5	<7.8	<10.2	<0.50
Xylenes (TOTAL)	(ug/L)	400	2,000	8,730	699	90	770	1,237	795	<33.4	<42.6	<1.5
m&p-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	688	NR	NR	<1.0
o-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	107	NR	NR	<0.50
Naphthalene	(ug/L)	10	100	312	<85	<12	61	107	54.2	<36	<34	<2.5
MTBE	(ug/L)	12	60	<35	<25	<4.9	<0.49	<0.47	<1.7	<14	<10	<0.17
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	1,880	270	27.2	370	490	454	10.6 J	<22	<0.50
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	470	84 J	16.7 J	57	131	32.7	<4.6	<30	<0.50
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	96	480	2,350	354	43.9	427	621	486.7	10.6	<52	<1.0
Tetrachloroethene (PCE)	(ug/L)	0.5	5	7,700	440	--	--	--	583	266	205	268
Trichloroethene (TCE)	(ug/L)	0.5	5	139	<19.5	--	--	--	363	220	133	96.8
cis-1,2-Dichloroethene	(ug/L)	7	70	<22	<34	--	--	--	777	90	57	63.6
trans-1,2-Dichloroethene	(ug/L)	20	100	<30.5	<30.5	--	--	--	14.2	<12.2	<12.2	<0.26
Vinyl Chloride	(ug/L)	0.02	0.2	<10	<10	--	--	--	37.5	<4	<4	77.0
Methylene Chloride	(ug/L)	0.5	5	<49.5	<75	--	--	--	<2.3	<19.8	<30	<0.23
Bromobenzene	(ug/L)	NS	NS	<22	<21.5	--	--	--	<2.3	<8.8	<8.6	<0.23
Bromochloromethane	(ug/L)	NS	NS	NR	NR	--	--	--	<3.4	NR	NR	<0.34
Bromodichloromethane	(ug/L)	0.06	0.6	<15	<20.5	--	--	--	<5.0	<6	<8.2	<0.50
Bromoform	(ug/L)	0.44	4.4	<35	<23	--	--	--	<5.0	<14	<9.2	<0.50
Bromomethane	(ug/L)	1	10	NR	NR	--	--	--	<24.3	NR	NR	<2.4
n-Butylbenzene	(ug/L)	NS	NS	66 J	<75	--	--	--	6.1 J	<11	<30	<0.50
sec-Butylbenzene	(ug/L)	NS	NS	<36.5	<21.5	--	--	--	<21.9	<14.6	<8.6	<2.2
tert-Butylbenzene	(ug/L)	NS	NS	<16	<23	--	--	--	<1.8	<6.4	<9.2	<0.18
Carbon Tetrachloride	(ug/L)	0.5	5	<15	<21	--	--	--	<5.0	<6	<8.6	<0.50
Chlorobenzene	(ug/L)	NS	NS	<19.5	<19.5	--	--	--	<5.0	<7.8	<7.8	<0.50
Chloroethane	(ug/L)	80	400	<48.5	<75	--	--	--	<3.7	<19.4	<30	<0.37
Chloroform	(ug/L)	0.6	6	<23.5	<24	--	--	--	<25.0	<9.4	<9.6	<2.5
Chloromethane	(ug/L)	3	30	<25	<25	--	--	--	<5.0	<10	<10	<0.50
2-Chlorotoluene	(ug/L)	NS	NS	<20.5	<18.5	--	--	--	<5.0	<8.2	<7.4	<0.50
4-Chlorotoluene	(ug/L)	NS	NS	<15	<31.5	--	--	--	<2.1	<6	<12.6	<0.21
1,2-Dibromo-3-chloropropane	(ug/L)	0.02	0.2	<85	<100	--	--	--	<21.6	<34	<40	<2.2
Dibromochloromethane	(ug/L)	6	60	<20	<38	--	--	--	<5.0	<8	<15.2	<0.50
1,2-Dibromoethane (EDB)	(ug/L)	0.005	0.05	<38	<26	--	--	--	<1.8	<15.2	<10.4	<0.18
Dibromomethane	(ug/L)	NS	NS	NR	NR	--	--	--	<4.3	NR	NR	<0.43
1,2-Dichlorobenzene	(ug/L)	60	600	<44	<33	--	--	--	<0.50	<17.6	<13.2	<0.50
1,3-Dichlorobenzene	(ug/L)	120	600	<33.5	<17	--	--	--	<5.0	<13.4	<6.8	<0.50
1,4-Dichlorobenzene	(ug/L)	15	75	<37	<38.5	--	--	--	<5.0	<14.8	<15.4	<0.50
Dichlorodifluoromethane	(ug/L)	200	1,000	<38	<22.5	--	--	--	<2.2	<15.2	<9	<0.22
1,1-Dichloroethane	(ug/L)	85	850	<29.5	<22	--	--	--	<2.4	<11.8	<8.8	<0.24
1,2-Dichloroethane	(ug/L)	0.5	5	<20.5	<21.5	--	--	--	<1.7	<8.2	<8.6	<0.17
1,1-Dichloroethene	(ug/L)	0.7	7	<25	<23.5	--	--	--	<4.1	<10	<9.4	<0.41
1,2-Dichloropropane	(ug/L)	0.5	5	<13.5	<13	--	--	--	<2.3	<5.4	<5.2	<0.23
1,3-Dichloropropane	(ug/L)	NS	NS	<20	<24.5	--	--	--	<5.0	<8	<9.8	<0.50
2,2-Dichloropropane	(ug/L)	NS	NS	<26.5	<44.5	--	--	--	<4.8	<10.6	<17.8	<0.48
1,1-Dichloropropene	(ug/L)	NS	NS	NR	NR	--	--	--	<4.4	NR	NR	<0.44
cis-1,3-Dichloropropene	(ug/L)	0.04	0.4	NR	NR	--	--	--	<5.0	NR	NR	<0.50
trans-1,3-Dichloropropene	(ug/L)	0.04	0.4	NR	NR	--	--	--	<2.3	NR	NR	<0.23
Diisopropyl ether	(ug/L)	NS	NS	<18.5	<16	--	--	--	<5.0	<7.4	<6.4	<0.50
Hexachloro-1,3-butadiene	(ug/L)	NS	NS	<85	<75	--	--	--	<21.1	<34	<30	<2.1
Isopropylbenzene	(ug/L)	NS	NS	130	20 J	--	--	--	18.8	<12	<7.8	<0.14
p-Isopropyltoluene	(ug/L)	NS	NS	<38.5	<28.5	--	--	--	<5.0	<15.4	<11.4	<0.50
n-Propylbenzene	(ug/L)	NS	NS	360	40 J	--	--	--	40.9	<10.8	<6.6	<0.50
Styrene	(ug/L)	10	100	NR	NR	--	--	--	<5.0	NR	NR	<0.50
1,1,1,2-Tetrachloroethane	(ug/L)	7	70	<16	<27	--	--	--	<1.8	<6.4	<10.8	<0.18
1,1,2,2-Tetrachloroethane	(ug/L)	0.02	0.2	<25	<27.5	--	--	--	<2.5	<10	<11	<0.25
1,2,3-Trichlorobenzene	(ug/L)	NS	NS	<80	<80	--	--	--	<21.3	<32	<32	<2.1
1,2,4-Trichlorobenzene	(ug/L)	14	70	<55	<105	--	--	--	<22.1	<22	<42	<2.2
1,1,1-Trichloroethane	(ug/L)	40	200	<14	<23	--	--	--	<5.0	<5.6	<9.2	<0.50
1,1,2-Trichloroethane	(ug/L)	0.5	5	<19.5	<20.5	--	--	--	<2.0	<7.8	<8.2	<0.20
Trichlorofluoromethane	(ug/L)	NS	NS	<40.5	<36	--	--	--	<1.8	<16.2	<14.4	<0.18
1,2,3-Trichloropropane	(ug/L)	12	60	NR	NR	--	--	--	<5.0	NR	NR	<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

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	SMW-12			SMW-13			SMW-14	
Date	09/09/08			08/18/09	09/30/15	08/18/09	01/10/12	09/30/15	08/18/09	09/30/15	
Groundwater Elevation	678.64			677.78	678.38	677.63	678.08	678.04	677.27	677.48	
Benzene	(ug/L)	0.5	5	<0.24	<0.41	<0.50	<0.41	<0.5	<0.50	<2.05	<0.50
Ethylbenzene	(ug/L)	140	700	<0.35	<0.87	<0.50	<0.87	<0.78	<0.50	<4.35	<0.50
Toluene	(ug/L)	160	800	<0.39	<0.51	<0.50	<0.51	<0.53	<0.50	<2.55	<0.50
Xylenes (TOTAL)	(ug/L)	400	2,000	<1.67	<2.13	<1.5	<2.13	<1.1	<1.5	<10.65	<1.5
m&p-Xylene	(ug/L)	NS	NS	NR	NR	<1.0	NR	NR	<1.0	NR	<1.0
o-Xylene	(ug/L)	NS	NS	NR	NR	<0.50	NR	NR	<0.50	NR	<0.50
Naphthalene	(ug/L)	10	100	<1.8	<1.7	<2.5	<1.7	<2.1	<2.5	<8.5	<2.5
MTBE	(ug/L)	12	60	<0.7	<0.5	<0.17	<0.5	<0.8	<0.17	<2.5	<0.17
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	<0.51	<1.1	<0.50	<1.1	<0.8	<0.50	<5.5	<0.50
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	<0.23	<1.5	<0.50	<1.5	<0.74	<0.50	<7.5	<0.50
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	96	480	<0.74	<2.6	<1.0	<2.6	<0.8	<1.0	<13	<1.0
Tetrachloroethene (PCE)	(ug/L)	0.5	5	0.75 J	<0.42	<0.50	<0.42	<0.44	<0.50	<2.1	<0.50
Trichloroethene (TCE)	(ug/L)	0.5	5	<0.47	<0.39	<0.33	<0.39	<0.47	<0.33	<1.95	<0.33
cis-1,2-Dichloroethene	(ug/L)	7	70	<0.44	<0.68	1.9	<0.68	<0.74	<0.26	151	652
trans-1,2-Dichloroethene	(ug/L)	20	100	<0.61	<0.61	0.26	<0.61	<0.79	<0.26	15.5	35.4
Vinyl Chloride	(ug/L)	0.02	0.2	0.59 J	1.2	5.8	<0.2	<0.18	<0.18	32	38.6
Methylene Chloride	(ug/L)	0.5	5	<0.99	<1.5	<0.23	<1.5	<1.1	<0.23	<7.5	<0.23
Bromobenzene	(ug/L)	NS	NS	<0.44	<0.43	<0.23	<0.43	<0.74	<0.23	<2.15	<0.23
Bromochloromethane	(ug/L)	NS	NS	NR	NR	<0.34	NR	NR	<0.34	NR	<0.34
Bromodichloromethane	(ug/L)	0.06	0.6	<0.3	<0.41	<0.50	<0.41	<0.68	<0.50	<2.05	<0.50
Bromoform	(ug/L)	0.44	4.4	<0.7	<0.46	<0.50	<0.46	<0.43	<0.50	<2.3	<0.50
Bromomethane	(ug/L)	1	10	NR	NR	<2.4	NR	NR	<2.4	NR	<2.4
n-Butylbenzene	(ug/L)	NS	NS	<0.55	<1.5	<0.50	<1.5	<0.9	<0.50	<7.5	<0.50
sec-Butylbenzene	(ug/L)	NS	NS	<0.73	<0.43	<2.2	<0.43	<1	<2.2	<2.15	<2.2
tert-Butylbenzene	(ug/L)	NS	NS	<0.32	<0.46	<0.18	<0.46	<0.71	<0.18	<2.3	<0.18
Carbon Tetrachloride	(ug/L)	0.5	5	<0.3	<0.43	<0.50	<0.43	<0.47	<0.50	<2.15	<0.50
Chlorobenzene	(ug/L)	NS	NS	<0.39	<0.39	<0.50	<0.39	<0.51	<0.50	<1.95	<0.50
Chloroethane	(ug/L)	80	400	<0.97	<1.5	<0.37	<1.5	<1.4	<0.37	<7.5	<0.37
Chloroform	(ug/L)	0.6	6	<0.47	<0.48	<2.5	<0.48	<0.49	<2.5	<2.4	<2.5
Chloromethane	(ug/L)	3	30	<0.5	<0.5	<0.50	<0.5	<1.9	<0.50	<2.5	<0.50
2-Chlorotoluene	(ug/L)	NS	NS	<0.41	<0.37	<0.50	<0.37	<0.7	<0.50	<1.85	<0.50
4-Chlorotoluene	(ug/L)	NS	NS	<0.3	<0.63	<0.21	<0.63	<0.44	<0.21	<3.15	<0.21
1,2-Dibromo-3-chloropropane	(ug/L)	0.02	0.2	<1.7	<2	<2.2	<2	<2.8	<2.2	<10	<2.2
Dibromochloromethane	(ug/L)	6	60	<0.4	<0.76	<0.50	<0.76	<0.55	<0.50	<3.8	<0.50
1,2-Dibromoethane (EDB)	(ug/L)	0.005	0.05	<0.76	<0.52	<0.18	<0.52	<0.63	<0.18	<2.6	<0.18
Dibromomethane	(ug/L)	NS	NS	NR	NR	<0.43	NR	NR	<0.43	NR	<0.43
1,2-Dichlorobenzene	(ug/L)	60	600	<0.88	<0.66	<0.50	<0.66	<0.76	<0.50	<3.3	<0.50
1,3-Dichlorobenzene	(ug/L)	120	600	<0.67	<0.34	<0.50	<0.34	<0.87	<0.50	<1.7	<0.50
1,4-Dichlorobenzene	(ug/L)	15	75	<0.74	<0.77	<0.50	<0.77	<0.98	<0.50	<3.85	<0.50
Dichlorodifluoromethane	(ug/L)	200	1,000	<0.76	<0.45	<0.22	<0.45	<1.8	<0.22	<2.25	<0.22
1,1-Dichloroethane	(ug/L)	85	850	<0.59	<0.44	<0.24	<0.44	<0.98	<0.24	<2.2	<0.24
1,2-Dichloroethane	(ug/L)	0.5	5	<0.41	<0.43	<0.17	<0.43	<0.5	<0.17	<2.15	0.49 J
1,1-Dichloroethene	(ug/L)	0.7	7	<0.5	<0.47	<0.41	<0.47	<0.6	<0.41	<2.35	2.6
1,2-Dichloropropane	(ug/L)	0.5	5	<0.27	<0.26	<0.23	<0.26	<0.4	<0.23	<1.3	<0.23
1,3-Dichloropropane	(ug/L)	NS	NS	<0.4	<0.49	<0.50	<0.49	<0.71	<0.50	<2.45	<0.50
2,2-Dichloropropane	(ug/L)	NS	NS	<0.53	<0.89	<0.48	<0.89	<1.8	<0.48	<4.45	<0.48
1,1-Dichloropropene	(ug/L)	NS	NS	NR	NR	<0.44	NR	NR	<0.44	NR	<0.44
cis-1,3-Dichloropropene	(ug/L)	0.04	0.4	NR	NR	<0.50	NR	NR	<0.50	NR	<0.50
trans-1,3-Dichloropropene	(ug/L)	0.04	0.4	NR	NR	<0.23	NR	NR	<0.23	NR	<0.23
Diisopropyl ether	(ug/L)	NS	NS	<0.37	<0.32	<0.50	<0.32	<0.69	<0.50	<1.6	<0.50
Hexachloro-1,3-butadiene	(ug/L)	NS	NS	<1.7	<1.5	<2.1	<1.5	<2.2	<2.1	<7.5	<2.1
Isopropylbenzene	(ug/L)	NS	NS	<0.6	<0.39	<0.14	<0.39	<0.92	<0.14	<1.95	<0.14
p-Isopropyltoluene	(ug/L)	NS	NS	<0.77	<0.57	<0.50	<0.57	<0.92	<0.50	<2.85	<0.50
n-Propylbenzene	(ug/L)	NS	NS	<0.54	<0.33	<0.50	<0.33	<0.59	<0.50	<1.65	<0.50
Styrene	(ug/L)	10	100	NR	NR	<0.50	NR	NR	<0.50	NR	<0.50
1,1,1,2-Tetrachloroethane	(ug/L)	7	70	<0.32	<0.54	<0.18	<0.54	<1	<0.18	<2.7	<0.18
1,1,1,2,2-Tetrachloroethane	(ug/L)	0.02	0.2	<0.5	<0.55	<0.25	<0.55	<0.53	<0.25	<2.75	<0.25
1,2,3-Trichlorobenzene	(ug/L)	NS	NS	<1.6	<1.6	<2.1	<1.6	<1.3	<2.1	<8	<2.1
1,2,4-Trichlorobenzene	(ug/L)	14	70	<1.1	<2.1	<2.2	<2.1	<1.5	<2.2	<10.5	<2.2
1,1,1-Trichloroethane	(ug/L)	40	200	<0.28	<0.46	<0.50	<0.46	<0.85	<0.50	<2.3	<0.50
1,1,2-Trichloroethane	(ug/L)	0.5	5	<0.39	<0.41	<0.20	<0.41	<0.47	<0.20	<2.05	<0.20
Trichlorofluoromethane	(ug/L)	NS	NS	<0.81	<0.72	<0.18	<0.72	<1.7	<0.18	<3.6	<0.18
1,2,3-Trichloropropane	(ug/L)	12	60	NR	NR	<0.50	NR	NR	<0.50	NR	<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

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	PZ-1				PZ-2				
Date	12/06/07			09/09/08	08/18/09	09/30/15	09/09/08	08/18/09	07/01/10	10/29/10	09/30/15	
Groundwater Elevation	678.96			679.89	668.34	679.68	678.11	677.76	678.93	677.52	677.90	
Benzene	(ug/L)	0.5	5	<0.47	<0.24	<0.41	<0.50	2.56	<2.05	<0.4	<0.4	<0.50
Ethylbenzene	(ug/L)	140	700	<0.38	<0.35	<0.87	<0.50	<0.35	<4.35	<0.65	<0.65	<0.50
Toluene	(ug/L)	160	800	<0.46	<0.39	<0.51	<0.50	<0.39	<2.55	<0.86	<0.86	<0.50
Xylenes (TOTAL)	(ug/L)	400	2,000	<0.99	<1.67	<2.13	<1.5	<1.67	<10.65	<2.15	<2.15	<1.5
m&p-Xylene	(ug/L)	NS	NS	NR	NR	NR	<1.0	NR	NR	NR	NR	<1.0
o-Xylene	(ug/L)	NS	NS	NR	NR	NR	<0.50	NR	NR	NR	NR	<0.50
Naphthalene	(ug/L)	10	100	<1.8	<1.8	<1.7	<2.5	<1.8	<8.5	<1.2	<1.2	<2.5
MTBE	(ug/L)	12	60	<0.52	<0.7	<0.5	<0.17	<0.7	<2.5	<0.49	<0.49	<0.17
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	<1.2	<0.51	<1.1	<0.50	<0.51	<5.5	<0.76	<0.76	<0.50
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	<0.37	<0.23	<1.5	<0.50	<0.23	<7.5	<0.73	<0.73	<0.50
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	96	480	<1.57	<0.74	<2.6	<1.0	<0.74	<13	<1.49	<1.49	<1.0
Tetrachloroethene (PCE)	(ug/L)	0.5	5	1.12 J	37	4.3	2.9	<0.5	<2.1	--	--	<0.50
Trichloroethene (TCE)	(ug/L)	0.5	5	0.56 J	1.81	0.96 J	<0.33	<0.47	<1.95	--	--	<0.33
cis-1,2-Dichloroethene	(ug/L)	7	70	8.3	9.5	7.7	0.36 J	148	79	--	--	6.3
trans-1,2-Dichloroethene	(ug/L)	20	100	<0.95	<0.61	<0.61	<0.26	3.06	3.5 J	--	--	<0.26
Vinyl Chloride	(ug/L)	0.02	0.2	2.09	<0.2	<0.2	<0.18	116	15.5	--	--	2.6
Methylene Chloride	(ug/L)	0.5	5	<0.69	<0.99	<1.5	<0.23	<0.99	<7.5	--	--	<0.23
Bromobenzene	(ug/L)	NS	NS	<0.36	<0.44	<0.43	<0.23	<0.44	<2.15	--	--	<0.23
Bromochloromethane	(ug/L)	NS	NS	NR	NR	NR	<0.34	NR	NR	--	--	<0.34
Bromodichloromethane	(ug/L)	0.06	0.6	<0.5	<0.3	<0.41	<0.50	<0.3	<2.05	--	--	<0.50
Bromoform	(ug/L)	0.44	4.4	<0.38	<0.7	<0.46	<0.50	<0.7	<2.3	--	--	<0.50
Bromomethane	(ug/L)	1	10	NR	NR	NR	<2.4	NR	NR	--	--	<2.4
n-Butylbenzene	(ug/L)	NS	NS	<0.52	<0.55	<1.5	<0.50	<0.55	<7.5	--	--	<0.50
sec-Butylbenzene	(ug/L)	NS	NS	<0.36	<0.73	<0.43	<2.2	<0.73	<2.15	--	--	<2.2
tert-Butylbenzene	(ug/L)	NS	NS	<0.34	<0.32	<0.46	<0.18	<0.32	<2.3	--	--	<0.18
Carbon Tetrachloride	(ug/L)	0.5	5	<0.46	<0.3	<0.43	<0.50	<0.3	<2.15	--	--	<0.50
Chlorobenzene	(ug/L)	NS	NS	<0.31	<0.39	<0.39	<0.50	<0.39	<1.95	--	--	<0.50
Chloroethane	(ug/L)	80	400	<0.47	<0.97	<1.5	<0.37	<0.97	<7.5	--	--	<0.37
Chloroform	(ug/L)	0.6	6	<0.48	<0.47	<0.48	<2.5	<0.47	<2.4	--	--	<2.5
Chloromethane	(ug/L)	3	30	<1	<0.5	<0.5	<0.50	<0.5	<2.5	--	--	<0.50
2-Chlorotoluene	(ug/L)	NS	NS	<0.49	<0.41	<0.37	<0.50	<0.41	<1.85	--	--	<0.50
4-Chlorotoluene	(ug/L)	NS	NS	<0.38	<0.3	<0.63	<0.21	<0.3	<3.15	--	--	<0.21
1,2-Dibromo-3-chloropropane	(ug/L)	0.02	0.2	<1.4	<1.7	<2	<2.2	<1.7	<10	--	--	<2.2
Dibromochloromethane	(ug/L)	6	60	<0.32	<0.4	<0.76	<0.50	<0.4	<3.8	--	--	<0.50
1,2-Dibromoethane (EDB)	(ug/L)	0.005	0.05	<0.49	<0.76	<0.52	<0.18	<0.76	<2.6	--	--	<0.18
Dibromomethane	(ug/L)	NS	NS	NR	NR	NR	<0.43	NR	NR	--	--	<0.43
1,2-Dichlorobenzene	(ug/L)	60	600	<0.35	<0.88	<0.66	<0.50	<0.88	<3.3	--	--	<0.50
1,3-Dichlorobenzene	(ug/L)	120	600	<0.3	<0.67	<0.34	<0.50	<0.67	<1.7	--	--	<0.50
1,4-Dichlorobenzene	(ug/L)	15	75	<0.33	<0.74	<0.77	<0.50	<0.74	<3.85	--	--	<0.50
Dichlorodifluoromethane	(ug/L)	200	1,000	<0.46	<0.76	<0.45	<0.22	<0.76	<2.25	--	--	<0.22
1,1-Dichloroethane	(ug/L)	85	850	<0.56	<0.59	<0.44	<0.24	<0.59	<2.2	--	--	<0.24
1,2-Dichloroethane	(ug/L)	0.5	5	<0.45	<0.41	<0.43	<0.17	<0.41	<2.15	--	--	<0.17
1,1-Dichloroethene	(ug/L)	0.7	7	<0.64	<0.5	<0.47	<0.41	<0.5	<2.35	--	--	<0.41
1,2-Dichloropropane	(ug/L)	0.5	5	<0.47	<0.27	<0.26	<0.23	<0.27	<1.3	--	--	<0.23
1,3-Dichloropropane	(ug/L)	NS	NS	<0.39	<0.4	<0.49	<0.50	<0.4	<2.45	--	--	<0.50
2,2-Dichloropropane	(ug/L)	NS	NS	<0.98	<0.53	<0.89	<0.48	<0.53	<4.45	--	--	<0.48
1,1-Dichloropropene	(ug/L)	NS	NS	NR	NR	NR	<0.44	NR	NR	--	--	<0.44
cis-1,3-Dichloropropene	(ug/L)	0.04	0.4	NR	NR	NR	<0.50	NR	NR	--	--	<0.50
trans-1,3-Dichloropropene	(ug/L)	0.04	0.4	NR	NR	NR	<0.23	NR	NR	--	--	<0.23
Diisopropyl ether	(ug/L)	NS	NS	<1.3	<0.37	<0.32	<0.50	<0.37	<1.6	--	--	<0.50
Hexachloro-1,3-butadiene	(ug/L)	NS	NS	<1.5	<1.7	<1.5	<2.1	<1.7	<7.5	--	--	<2.1
Isopropylbenzene	(ug/L)	NS	NS	<0.48	<0.6	<0.39	<0.14	<0.6	<1.95	--	--	<0.14
p-Isopropyltoluene	(ug/L)	NS	NS	<0.35	<0.77	<0.57	<0.50	<0.77	<2.85	--	--	<0.50
n-Propylbenzene	(ug/L)	NS	NS	<0.38	0.55 J	<0.33	<0.50	<0.54	<1.65	--	--	<0.50
Styrene	(ug/L)	10	100	NR	NR	NR	<0.50	NR	NR	--	--	<0.50
1,1,1,2-Tetrachloroethane	(ug/L)	7	70	<0.65	<0.32	<0.54	<0.18	<0.32	<2.7	--	--	<0.18
1,1,2,2-Tetrachloroethane	(ug/L)	0.02	0.2	<0.75	<0.5	<0.55	<0.25	<0.5	<2.75	--	--	<0.25
1,2,3-Trichlorobenzene	(ug/L)	NS	NS	<1.6	<1.6	<1.6	<2.1	<1.6	<8	--	--	<2.1
1,2,4-Trichlorobenzene	(ug/L)	14	70	<1.5	<1.1	<2.1	<2.2	<1.1	<10.5	--	--	<2.2
1,1,1-Trichloroethane	(ug/L)	40	200	<0.5	<0.28	<0.46	<0.50	<0.28	<2.3	--	--	<0.50
1,1,2-Trichloroethane	(ug/L)	0.5	5	<0.5	<0.39	<0.41	<0.20	<0.39	<2.05	--	--	<0.20
Trichlorofluoromethane	(ug/L)	NS	NS	<0.61	<0.81	<0.72	<0.18	<0.81	<3.6	--	--	<0.18
1,2,3-Trichloropropane	(ug/L)	12	60	NR	NR	NR	<0.50	NR	NR	--	--	<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

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

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

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	MW-3								Trip Blank
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	9/30/15	
Groundwater Elevation	98.81			681.48	679.93	679.74	679.92	679.49	680.27	681.06	NA	
Benzene	(ug/L)	0.5	5	<52	<47	<47	<23.5	<12	<0.41	2.5	4.0	<0.50
Ethylbenzene	(ug/L)	140	700	<60	<38	<38	28.5 J	<17.5	<0.87	9.1	1.4	<0.50
Toluene	(ug/L)	160	800	<104	<59	<46	<23	<19.5	<0.51	2.22 J	0.60 J	<0.50
Xylenes (TOTAL)	(ug/L)	400	2,000	<234	<110	<99	<49.5	<83.5	<2.13	13.5 J	<1.5	<1.5
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	<170	<220	<180	<90	<90	<1.7	9.8	<2.5	<2.5
MTBE	(ug/L)	12	60	<72	<52	<52	<26	<35	<0.5	<0.47	<0.17	<0.17
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	<64	<39	<120	<60	<25.5	<1.1	5.8	<0.50	<0.50
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	<166	<120	<37	<18.5	<11.5	<1.5	1.95 J	<0.50	<0.50
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	<1.0
Tetrachloroethene (PCE)	(ug/L)	0.5	5	282	247	198	140	261	158	--	240	<0.50
Trichloroethene (TCE)	(ug/L)	0.5	5	1,770	1,730	2,150	1,720	1,030	690	--	677	<0.33
cis-1,2-Dichloroethene	(ug/L)	7	70	3,800	3,090	3,700	3,400	2,560	1,790	--	1,200	<0.26
trans-1,2-Dichloroethene	(ug/L)	20	100	170 J	<95	<95	74 J	69 J	117	--	29.4	<0.26
Vinyl Chloride	(ug/L)	0.02	0.2	102 J	98	320	152	117	55	--	90.6	<0.18
Methylene Chloride	(ug/L)	0.5	5	<110	<69	<69	<34.5	<49.5	<1.5	--	<0.23	<0.23
Bromobenzene	(ug/L)	NS	NS	<70	<62	<36	<18	<22	<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	<56	<82	<50	<25	<15	<0.41	--	<0.50	<0.50
Bromoform	(ug/L)	0.44	4.4	<80	<30	<38	<19	<35	<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	<122	<110	<52	<26	<27.5	<1.5	--	<0.50	<0.50
sec-Butylbenzene	(ug/L)	NS	NS	<50	<76	<36	<18	<36.5	<0.43	--	<2.2	<2.2
tert-Butylbenzene	(ug/L)	NS	NS	<68	<60	<34	<17	<16	<0.46	--	<0.18	<0.18
Carbon Tetrachloride	(ug/L)	0.5	5	<50	<52	<46	<23	<15	<0.43	--	<0.50	<0.50
Chlorobenzene	(ug/L)	NS	NS	<52	<56	<31	<15.5	<19.5	<0.39	--	<0.50	<0.50
Chloroethane	(ug/L)	80	400	<74	<54	<47	<23.5	<48.5	<1.5	--	<0.37	<0.37
Chloroform	(ug/L)	0.6	6	<156	<61	<48	<24	<23.5	<0.48	--	<2.5	<2.5
Chloromethane	(ug/L)	3	30	<220	<100	<100	<50	<25	<0.5	--	<0.50	<0.50
2-Chlorotoluene	(ug/L)	NS	NS	<84	<110	<49	<24.5	<20.5	<0.37	--	<0.50	<0.50
4-Chlorotoluene	(ug/L)	NS	NS	<48	<62	<38	<19	<15	<0.63	--	<0.21	<0.21
1,2-Dibromo-3-chloropropane	(ug/L)	0.02	0.2	<820	<250	<140	<70	<85	<2	--	<2.2	<2.2
Dibromochloromethane	(ug/L)	6	60	<148	<65	<32	<16	<20	<0.76	--	<0.50	<0.50
1,2-Dibromoethane (EDB)	(ug/L)	0.005	0.05	<116	<49	<49	<24.5	<38	<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	<172	<69	<35	<17.5	<44	<0.66	--	<0.50	<0.50
1,3-Dichlorobenzene	(ug/L)	120	600	<128	<72	<30	<15	<33.5	<0.34	--	<0.50	<0.50
1,4-Dichlorobenzene	(ug/L)	15	75	<138	<68	<33	<16.5	<37	<0.77	--	<0.50	<0.50
Dichlorodifluoromethane	(ug/L)	200	1,000	<40	<50	<46	<23	<38	<0.45	--	<0.22	<0.22
1,1-Dichloroethane	(ug/L)	85	850	<182	<56	<56	<28	<29.5	<0.44	--	<0.24	<0.24
1,2-Dichloroethane	(ug/L)	0.5	5	<50	<72	<45	<22.5	<20.5	<0.43	--	<0.17	<0.17
1,1-Dichloroethene	(ug/L)	0.7	7	<40	<30	<64	<32	<25	<0.47	--	3.5	<0.41
1,2-Dichloropropane	(ug/L)	0.5	5	<74	<47	<47	<23.5	<13.5	<0.26	--	<0.23	<0.23
1,3-Dichloropropane	(ug/L)	NS	NS	<80	<67	<39	<19.5	<20	<0.49	--	<0.50	<0.50
2,2-Dichloropropane	(ug/L)	NS	NS	<68	<120	<98	<49	<26.5	<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-1,3-Dichloropropene	(ug/L)	0.04	0.4	NR	NR	NR	NR	NR	NR	--	<0.23	<0.23
Diisopropyl ether	(ug/L)	NS	NS	<46	<71	<130	<65	<18.5	<0.32	--	<0.50	<0.50
Hexachloro-1,3-butadiene	(ug/L)	NS	NS	<320	<210	<150	<75	<85	<1.5	--	<2.1	<2.1
Isopropylbenzene	(ug/L)	NS	NS	<112	<99	<48	<24	<30	<0.39	--	2.2	<0.14
p-Isopropyltoluene	(ug/L)	NS	NS	<100	<81	<35	<17.5	<38.5	<0.57	--	<0.50	<0.50
n-Propylbenzene	(ug/L)	NS	NS	<112	<61	<38	<19	<27	<0.33	--	0.61 J	<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	<98	<65	<65	<32.5	<16	<0.54	--	<0.18	<0.18
1,1,1,2,2-Tetrachloroethane	(ug/L)	0.02	0.2	<58	<89	<75	<37.5	<25	<0.55	--	<0.25	<0.25
1,2,3-Trichlorobenzene	(ug/L)	NS	NS	<320	<140	<160	<80	<80	<1.6	--	<2.1	<2.1
1,2,4-Trichlorobenzene	(ug/L)	14	70	<220	<150	<150	<75	<55	<2.1	--	<2.2	<2.2
1,1,1-Trichloroethane	(ug/L)	40	200	<84	<50	<50	<25	<14	<0.46	--	<0.50	<0.50
1,1,2-Trichloroethane	(ug/L)	0.5	5	<70	<50	<50	<25	<19.5	<0.41	--	<0.20	<0.20
Trichlorofluoromethane	(ug/L)	NS	NS	<96	<61	<61	<30.5	<40.5	<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

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)							

Sample Date	SMW-1			SMW-2			SMW-3		
	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

Sample Date	SMW-4			SMW-5			SMW-6		
	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

Sample Date	SMW-7			SMW-8			SMW-9		
	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

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

Sample Date	SMW-10			SMW-11			SMW-12		
	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

Sample Date	SMW-13			SMW-14			PZ-1		
	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

Sample Date	PZ-2			MW-1			MW-2		
	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

Sample Date	MW-3		
	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

NA: Not Analyzed

ft msl: feet above mean sea level

** = 0.02 ft. Product thickness recorded

+ = Measurements taken by Key Environmental

October 06, 2015

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

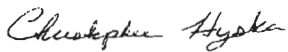
RE: Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Dear Ken Ebbott:

Enclosed are the analytical results for sample(s) received by the laboratory on October 01, 2015. 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@pacelabs.com
Project Manager

Enclosures

cc: Megan Hansen, Fehr Graham Engineering and
Environmental



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

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 ID: 460263
Virginia VELAP Certification ID: 460263
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40122052001	SMW-1	Water	09/30/15 14:50	10/01/15 15:15
40122052002	SMW-2	Water	09/30/15 11:00	10/01/15 15:15
40122052003	SMW-3	Water	09/30/15 16:00	10/01/15 15:15
40122052004	SMW-4	Water	09/30/15 16:50	10/01/15 15:15
40122052005	SMW-5	Water	09/30/15 11:20	10/01/15 15:15
40122052006	SMW-6	Water	09/30/15 12:50	10/01/15 15:15
40122052007	SMW-7	Water	09/30/15 17:25	10/01/15 15:15
40122052008	SMW-8	Water	09/30/15 15:10	10/01/15 15:15
40122052009	SMW-9	Water	09/30/15 17:50	10/01/15 15:15
40122052010	SMW-10	Water	09/30/15 17:05	10/01/15 15:15
40122052011	SMW-11	Water	09/30/15 12:25	10/01/15 15:15
40122052012	SMW-12	Water	09/30/15 13:20	10/01/15 15:15
40122052013	SMW-13	Water	09/30/15 11:40	10/01/15 15:15
40122052014	SMW-14	Water	09/30/15 12:00	10/01/15 15:15
40122052015	MW-1	Water	09/30/15 16:15	10/01/15 15:15
40122052016	MW-2	Water	09/30/15 13:40	10/01/15 15:15
40122052017	MW-3	Water	09/30/15 16:30	10/01/15 15:15
40122052018	PZ-1	Water	09/30/15 14:25	10/01/15 15:15
40122052019	PZ-2	Water	09/30/15 14:00	10/01/15 15:15
40122052020	TRIP BLANK	Water	09/30/15 00:00	10/01/15 15:15

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40122052001	SMW-1	EPA 8260	HNW	64	PASI-G
40122052002	SMW-2	EPA 8260	AJP	64	PASI-G
40122052003	SMW-3	EPA 8260	HNW	64	PASI-G
40122052004	SMW-4	EPA 8260	AJP	64	PASI-G
40122052005	SMW-5	EPA 8260	AJP	64	PASI-G
40122052006	SMW-6	EPA 8260	AJP	64	PASI-G
40122052007	SMW-7	EPA 8260	HNW	64	PASI-G
40122052008	SMW-8	EPA 8260	AJP	64	PASI-G
40122052009	SMW-9	EPA 8260	HNW	64	PASI-G
40122052010	SMW-10	EPA 8260	AJP, HNW	64	PASI-G
40122052011	SMW-11	EPA 8260	AJP	64	PASI-G
40122052012	SMW-12	EPA 8260	AJP, LAP	64	PASI-G
40122052013	SMW-13	EPA 8260	AJP	64	PASI-G
40122052014	SMW-14	EPA 8260	AJP, LAP	64	PASI-G
40122052015	MW-1	EPA 8260	AJP	64	PASI-G
40122052016	MW-2	EPA 8260	AJP	64	PASI-G
40122052017	MW-3	EPA 8260	AJP, LAP	64	PASI-G
40122052018	PZ-1	EPA 8260	AJP, LAP	64	PASI-G
40122052019	PZ-2	EPA 8260	AJP, LAP	64	PASI-G
40122052020	TRIP BLANK	EPA 8260	AJP	64	PASI-G

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS

Pace Project No.: 40122052

Sample: SMW-1 Lab ID: 40122052001 Collected: 09/30/15 14:50 Received: 10/01/15 15:15 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		10/06/15 07:11	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/06/15 07:11	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/06/15 07:11	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/06/15 07:11	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/06/15 07:11	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/06/15 07:11	74-83-9	
n-Butylbenzene	4.9	ug/L	1.0	0.50	1		10/06/15 07:11	104-51-8	
sec-Butylbenzene	7.2	ug/L	5.0	2.2	1		10/06/15 07:11	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/06/15 07:11	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/06/15 07:11	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/06/15 07:11	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/06/15 07:11	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/06/15 07:11	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/06/15 07:11	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/06/15 07:11	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/06/15 07:11	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/06/15 07:11	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/06/15 07:11	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/06/15 07:11	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/06/15 07:11	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/06/15 07:11	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/06/15 07:11	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/06/15 07:11	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/06/15 07:11	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/06/15 07:11	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/06/15 07:11	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/06/15 07:11	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/06/15 07:11	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/06/15 07:11	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/06/15 07:11	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/06/15 07:11	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/06/15 07:11	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/06/15 07:11	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/06/15 07:11	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/06/15 07:11	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/06/15 07:11	108-20-3	
Ethylbenzene	23.9	ug/L	1.0	0.50	1		10/06/15 07:11	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/06/15 07:11	87-68-3	
Isopropylbenzene (Cumene)	25.8	ug/L	1.0	0.14	1		10/06/15 07:11	98-82-8	
p-Isopropyltoluene	1.3	ug/L	1.0	0.50	1		10/06/15 07:11	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/06/15 07:11	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/06/15 07:11	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/06/15 07:11	91-20-3	
n-Propylbenzene	71.4	ug/L	1.0	0.50	1		10/06/15 07:11	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/06/15 07:11	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/06/15 07:11	630-20-6	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS

Pace Project No.: 40122052

Sample: SMW-1 Lab ID: 40122052001 Collected: 09/30/15 14:50 Received: 10/01/15 15:15 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		10/06/15 07:11	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		10/06/15 07:11	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/06/15 07:11	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/06/15 07:11	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/06/15 07:11	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/06/15 07:11	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/06/15 07:11	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		10/06/15 07:11	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/06/15 07:11	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/06/15 07:11	96-18-4	
1,2,4-Trimethylbenzene	0.91J	ug/L	1.0	0.50	1		10/06/15 07:11	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/06/15 07:11	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/06/15 07:11	75-01-4	
m&p-Xylene	2.3	ug/L	2.0	1.0	1		10/06/15 07:11	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/06/15 07:11	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		10/06/15 07:11	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		10/06/15 07:11	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		10/06/15 07:11	2037-26-5	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS

Pace Project No.: 40122052

Sample: SMW-2 Lab ID: 40122052002 Collected: 09/30/15 11:00 Received: 10/01/15 15:15 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		10/03/15 15:54	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/03/15 15:54	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/03/15 15:54	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 15:54	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/03/15 15:54	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/03/15 15:54	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:54	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 15:54	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/03/15 15:54	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/03/15 15:54	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:54	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/03/15 15:54	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/03/15 15:54	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 15:54	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:54	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/03/15 15:54	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/03/15 15:54	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 15:54	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/03/15 15:54	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/03/15 15:54	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:54	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:54	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:54	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/03/15 15:54	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/03/15 15:54	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/03/15 15:54	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/03/15 15:54	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/03/15 15:54	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/03/15 15:54	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/03/15 15:54	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 15:54	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/03/15 15:54	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/03/15 15:54	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:54	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/03/15 15:54	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/03/15 15:54	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:54	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/03/15 15:54	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/03/15 15:54	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:54	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/03/15 15:54	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/03/15 15:54	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/03/15 15:54	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:54	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:54	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/03/15 15:54	630-20-6	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: SMW-2 Lab ID: 40122052002 Collected: 09/30/15 11:00 Received: 10/01/15 15:15 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		10/03/15 15:54	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:54	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:54	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/03/15 15:54	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 15:54	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/03/15 15:54	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/03/15 15:54	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		10/03/15 15:54	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/03/15 15:54	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 15:54	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:54	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:54	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/03/15 15:54	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/03/15 15:54	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		10/03/15 15:54	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		10/03/15 15:54	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		10/03/15 15:54	2037-26-5	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: SMW-3 Lab ID: 40122052003 Collected: 09/30/15 16:00 Received: 10/01/15 15:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Benzene	96.3	ug/L	10.0	5.0	10		10/06/15 07:34	71-43-2	
Bromobenzene	<2.3	ug/L	10.0	2.3	10		10/06/15 07:34	108-86-1	
Bromochloromethane	<3.4	ug/L	10.0	3.4	10		10/06/15 07:34	74-97-5	
Bromodichloromethane	<5.0	ug/L	10.0	5.0	10		10/06/15 07:34	75-27-4	
Bromoform	<5.0	ug/L	10.0	5.0	10		10/06/15 07:34	75-25-2	
Bromomethane	<24.3	ug/L	50.0	24.3	10		10/06/15 07:34	74-83-9	
n-Butylbenzene	<5.0	ug/L	10.0	5.0	10		10/06/15 07:34	104-51-8	
sec-Butylbenzene	<21.9	ug/L	50.0	21.9	10		10/06/15 07:34	135-98-8	
tert-Butylbenzene	<1.8	ug/L	10.0	1.8	10		10/06/15 07:34	98-06-6	
Carbon tetrachloride	<5.0	ug/L	10.0	5.0	10		10/06/15 07:34	56-23-5	
Chlorobenzene	<5.0	ug/L	10.0	5.0	10		10/06/15 07:34	108-90-7	
Chloroethane	<3.7	ug/L	10.0	3.7	10		10/06/15 07:34	75-00-3	
Chloroform	<25.0	ug/L	50.0	25.0	10		10/06/15 07:34	67-66-3	
Chloromethane	<5.0	ug/L	10.0	5.0	10		10/06/15 07:34	74-87-3	
2-Chlorotoluene	<5.0	ug/L	10.0	5.0	10		10/06/15 07:34	95-49-8	
4-Chlorotoluene	<2.1	ug/L	10.0	2.1	10		10/06/15 07:34	106-43-4	
1,2-Dibromo-3-chloropropane	<21.6	ug/L	50.0	21.6	10		10/06/15 07:34	96-12-8	
Dibromochloromethane	<5.0	ug/L	10.0	5.0	10		10/06/15 07:34	124-48-1	
1,2-Dibromoethane (EDB)	<1.8	ug/L	10.0	1.8	10		10/06/15 07:34	106-93-4	
Dibromomethane	<4.3	ug/L	10.0	4.3	10		10/06/15 07:34	74-95-3	
1,2-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		10/06/15 07:34	95-50-1	
1,3-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		10/06/15 07:34	541-73-1	
1,4-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		10/06/15 07:34	106-46-7	
Dichlorodifluoromethane	<2.2	ug/L	10.0	2.2	10		10/06/15 07:34	75-71-8	
1,1-Dichloroethane	<2.4	ug/L	10.0	2.4	10		10/06/15 07:34	75-34-3	
1,2-Dichloroethane	<1.7	ug/L	10.0	1.7	10		10/06/15 07:34	107-06-2	
1,1-Dichloroethene	7.5J	ug/L	10.0	4.1	10		10/06/15 07:34	75-35-4	
cis-1,2-Dichloroethene	1350	ug/L	10.0	2.6	10		10/06/15 07:34	156-59-2	
trans-1,2-Dichloroethene	15.4	ug/L	10.0	2.6	10		10/06/15 07:34	156-60-5	
1,2-Dichloropropane	<2.3	ug/L	10.0	2.3	10		10/06/15 07:34	78-87-5	
1,3-Dichloropropane	<5.0	ug/L	10.0	5.0	10		10/06/15 07:34	142-28-9	
2,2-Dichloropropane	<4.8	ug/L	10.0	4.8	10		10/06/15 07:34	594-20-7	
1,1-Dichloropropene	<4.4	ug/L	10.0	4.4	10		10/06/15 07:34	563-58-6	
cis-1,3-Dichloropropene	<5.0	ug/L	10.0	5.0	10		10/06/15 07:34	10061-01-5	
trans-1,3-Dichloropropene	<2.3	ug/L	10.0	2.3	10		10/06/15 07:34	10061-02-6	
Diisopropyl ether	<5.0	ug/L	10.0	5.0	10		10/06/15 07:34	108-20-3	
Ethylbenzene	204	ug/L	10.0	5.0	10		10/06/15 07:34	100-41-4	
Hexachloro-1,3-butadiene	<21.1	ug/L	50.0	21.1	10		10/06/15 07:34	87-68-3	
Isopropylbenzene (Cumene)	20.7	ug/L	10.0	1.4	10		10/06/15 07:34	98-82-8	
p-Isopropyltoluene	<5.0	ug/L	10.0	5.0	10		10/06/15 07:34	99-87-6	
Methylene Chloride	<2.3	ug/L	10.0	2.3	10		10/06/15 07:34	75-09-2	
Methyl-tert-butyl ether	<1.7	ug/L	10.0	1.7	10		10/06/15 07:34	1634-04-4	
Naphthalene	<25.0	ug/L	50.0	25.0	10		10/06/15 07:34	91-20-3	
n-Propylbenzene	41.7	ug/L	10.0	5.0	10		10/06/15 07:34	103-65-1	
Styrene	<5.0	ug/L	10.0	5.0	10		10/06/15 07:34	100-42-5	
1,1,1,2-Tetrachloroethane	<1.8	ug/L	10.0	1.8	10		10/06/15 07:34	630-20-6	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: SMW-3 Lab ID: 40122052003 Collected: 09/30/15 16:00 Received: 10/01/15 15:15 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		10/06/15 07:34	79-34-5	
Tetrachloroethene	21.0	ug/L	10.0	5.0	10		10/06/15 07:34	127-18-4	
Toluene	31.0	ug/L	10.0	5.0	10		10/06/15 07:34	108-88-3	
1,2,3-Trichlorobenzene	<21.3	ug/L	50.0	21.3	10		10/06/15 07:34	87-61-6	
1,2,4-Trichlorobenzene	<22.1	ug/L	50.0	22.1	10		10/06/15 07:34	120-82-1	
1,1,1-Trichloroethane	<5.0	ug/L	10.0	5.0	10		10/06/15 07:34	71-55-6	
1,1,2-Trichloroethane	<2.0	ug/L	10.0	2.0	10		10/06/15 07:34	79-00-5	
Trichloroethene	92.2	ug/L	10.0	3.3	10		10/06/15 07:34	79-01-6	
Trichlorofluoromethane	<1.8	ug/L	10.0	1.8	10		10/06/15 07:34	75-69-4	
1,2,3-Trichloropropane	<5.0	ug/L	10.0	5.0	10		10/06/15 07:34	96-18-4	
1,2,4-Trimethylbenzene	14.0	ug/L	10.0	5.0	10		10/06/15 07:34	95-63-6	
1,3,5-Trimethylbenzene	<5.0	ug/L	10.0	5.0	10		10/06/15 07:34	108-67-8	
Vinyl chloride	229	ug/L	10.0	1.8	10		10/06/15 07:34	75-01-4	
m&p-Xylene	19.7J	ug/L	20.0	10.0	10		10/06/15 07:34	179601-23-1	
o-Xylene	11.9	ug/L	10.0	5.0	10		10/06/15 07:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		10		10/06/15 07:34	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		10		10/06/15 07:34	1868-53-7	
Toluene-d8 (S)	97	%	70-130		10		10/06/15 07:34	2037-26-5	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS

Pace Project No.: 40122052

Sample: SMW-4 Lab ID: 40122052004 Collected: 09/30/15 16:50 Received: 10/01/15 15:15 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		10/03/15 16:16	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/03/15 16:16	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/03/15 16:16	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:16	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/03/15 16:16	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/03/15 16:16	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:16	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 16:16	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/03/15 16:16	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/03/15 16:16	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:16	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/03/15 16:16	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/03/15 16:16	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:16	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:16	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/03/15 16:16	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/03/15 16:16	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:16	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/03/15 16:16	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/03/15 16:16	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:16	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:16	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:16	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/03/15 16:16	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/03/15 16:16	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/03/15 16:16	107-06-2	
1,1-Dichloroethene	0.42J	ug/L	1.0	0.41	1		10/03/15 16:16	75-35-4	
cis-1,2-Dichloroethene	70.6	ug/L	1.0	0.26	1		10/03/15 16:16	156-59-2	
trans-1,2-Dichloroethene	4.6	ug/L	1.0	0.26	1		10/03/15 16:16	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/03/15 16:16	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:16	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/03/15 16:16	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/03/15 16:16	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:16	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/03/15 16:16	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/03/15 16:16	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:16	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/03/15 16:16	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/03/15 16:16	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:16	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/03/15 16:16	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/03/15 16:16	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/03/15 16:16	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:16	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:16	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/03/15 16:16	630-20-6	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: **SMW-4** Lab ID: **40122052004** Collected: 09/30/15 16:50 Received: 10/01/15 15:15 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		10/03/15 16:16	79-34-5	
Tetrachloroethene	112	ug/L	1.0	0.50	1		10/03/15 16:16	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:16	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/03/15 16:16	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 16:16	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:16	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/03/15 16:16	79-00-5	
Trichloroethene	14.1	ug/L	1.0	0.33	1		10/03/15 16:16	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/03/15 16:16	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:16	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:16	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:16	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/03/15 16:16	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/03/15 16:16	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:16	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		10/03/15 16:16	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		10/03/15 16:16	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		10/03/15 16:16	2037-26-5	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS

Pace Project No.: 40122052

Sample: SMW-5 Lab ID: 40122052005 Collected: 09/30/15 11:20 Received: 10/01/15 15:15 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		10/03/15 12:54	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/03/15 12:54	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/03/15 12:54	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 12:54	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/03/15 12:54	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/03/15 12:54	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 12:54	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 12:54	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/03/15 12:54	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/03/15 12:54	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 12:54	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/03/15 12:54	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/03/15 12:54	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 12:54	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 12:54	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/03/15 12:54	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/03/15 12:54	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 12:54	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/03/15 12:54	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/03/15 12:54	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 12:54	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 12:54	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 12:54	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/03/15 12:54	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/03/15 12:54	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/03/15 12:54	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/03/15 12:54	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/03/15 12:54	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/03/15 12:54	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/03/15 12:54	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 12:54	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/03/15 12:54	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/03/15 12:54	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/03/15 12:54	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/03/15 12:54	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/03/15 12:54	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 12:54	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/03/15 12:54	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/03/15 12:54	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 12:54	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/03/15 12:54	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/03/15 12:54	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/03/15 12:54	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 12:54	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/03/15 12:54	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/03/15 12:54	630-20-6	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: **SMW-5** Lab ID: **40122052005** Collected: 09/30/15 11:20 Received: 10/01/15 15:15 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		10/03/15 12:54	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		10/03/15 12:54	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/03/15 12:54	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/03/15 12:54	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 12:54	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/03/15 12:54	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/03/15 12:54	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		10/03/15 12:54	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/03/15 12:54	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 12:54	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 12:54	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 12:54	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/03/15 12:54	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/03/15 12:54	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/03/15 12:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		10/03/15 12:54	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		10/03/15 12:54	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		10/03/15 12:54	2037-26-5	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS

Pace Project No.: 40122052

Sample: SMW-6 Lab ID: 40122052006 Collected: 09/30/15 12:50 Received: 10/01/15 15:15 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		10/03/15 16:38	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/03/15 16:38	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/03/15 16:38	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:38	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/03/15 16:38	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/03/15 16:38	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:38	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 16:38	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/03/15 16:38	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/03/15 16:38	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:38	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/03/15 16:38	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/03/15 16:38	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:38	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:38	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/03/15 16:38	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/03/15 16:38	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:38	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/03/15 16:38	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/03/15 16:38	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:38	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:38	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:38	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/03/15 16:38	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/03/15 16:38	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/03/15 16:38	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/03/15 16:38	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/03/15 16:38	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/03/15 16:38	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/03/15 16:38	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:38	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/03/15 16:38	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/03/15 16:38	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:38	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/03/15 16:38	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/03/15 16:38	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:38	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/03/15 16:38	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/03/15 16:38	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:38	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/03/15 16:38	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/03/15 16:38	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/03/15 16:38	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:38	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:38	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/03/15 16:38	630-20-6	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: SMW-6 Lab ID: 40122052006 Collected: 09/30/15 12:50 Received: 10/01/15 15:15 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		10/03/15 16:38	79-34-5	
Tetrachloroethene	2.8	ug/L	1.0	0.50	1		10/03/15 16:38	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:38	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/03/15 16:38	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 16:38	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:38	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/03/15 16:38	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		10/03/15 16:38	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/03/15 16:38	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:38	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:38	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:38	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/03/15 16:38	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/03/15 16:38	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		10/03/15 16:38	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		10/03/15 16:38	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		10/03/15 16:38	2037-26-5	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS

Pace Project No.: 40122052

Sample: SMW-7 Lab ID: 40122052007 Collected: 09/30/15 17:25 Received: 10/01/15 15:15 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		10/06/15 07:56	71-43-2	
Bromobenzene	<9.2	ug/L	40.0	9.2	40		10/06/15 07:56	108-86-1	
Bromochloromethane	<13.6	ug/L	40.0	13.6	40		10/06/15 07:56	74-97-5	
Bromodichloromethane	<20.0	ug/L	40.0	20.0	40		10/06/15 07:56	75-27-4	
Bromoform	<20.0	ug/L	40.0	20.0	40		10/06/15 07:56	75-25-2	
Bromomethane	<97.4	ug/L	200	97.4	40		10/06/15 07:56	74-83-9	
n-Butylbenzene	<20.0	ug/L	40.0	20.0	40		10/06/15 07:56	104-51-8	
sec-Butylbenzene	<87.4	ug/L	200	87.4	40		10/06/15 07:56	135-98-8	
tert-Butylbenzene	<7.2	ug/L	40.0	7.2	40		10/06/15 07:56	98-06-6	
Carbon tetrachloride	<20.0	ug/L	40.0	20.0	40		10/06/15 07:56	56-23-5	
Chlorobenzene	<20.0	ug/L	40.0	20.0	40		10/06/15 07:56	108-90-7	
Chloroethane	<15.0	ug/L	40.0	15.0	40		10/06/15 07:56	75-00-3	
Chloroform	<100	ug/L	200	100	40		10/06/15 07:56	67-66-3	
Chloromethane	<20.0	ug/L	40.0	20.0	40		10/06/15 07:56	74-87-3	
2-Chlorotoluene	<20.0	ug/L	40.0	20.0	40		10/06/15 07:56	95-49-8	
4-Chlorotoluene	<8.5	ug/L	40.0	8.5	40		10/06/15 07:56	106-43-4	
1,2-Dibromo-3-chloropropane	<86.6	ug/L	200	86.6	40		10/06/15 07:56	96-12-8	
Dibromochloromethane	<20.0	ug/L	40.0	20.0	40		10/06/15 07:56	124-48-1	
1,2-Dibromoethane (EDB)	<7.1	ug/L	40.0	7.1	40		10/06/15 07:56	106-93-4	
Dibromomethane	<17.1	ug/L	40.0	17.1	40		10/06/15 07:56	74-95-3	
1,2-Dichlorobenzene	<20.0	ug/L	40.0	20.0	40		10/06/15 07:56	95-50-1	
1,3-Dichlorobenzene	<20.0	ug/L	40.0	20.0	40		10/06/15 07:56	541-73-1	
1,4-Dichlorobenzene	<20.0	ug/L	40.0	20.0	40		10/06/15 07:56	106-46-7	
Dichlorodifluoromethane	<9.0	ug/L	40.0	9.0	40		10/06/15 07:56	75-71-8	
1,1-Dichloroethane	<9.7	ug/L	40.0	9.7	40		10/06/15 07:56	75-34-3	
1,2-Dichloroethane	<6.7	ug/L	40.0	6.7	40		10/06/15 07:56	107-06-2	
1,1-Dichloroethene	<16.4	ug/L	40.0	16.4	40		10/06/15 07:56	75-35-4	
cis-1,2-Dichloroethene	<10.2	ug/L	40.0	10.2	40		10/06/15 07:56	156-59-2	
trans-1,2-Dichloroethene	<10.3	ug/L	40.0	10.3	40		10/06/15 07:56	156-60-5	
1,2-Dichloropropane	<9.3	ug/L	40.0	9.3	40		10/06/15 07:56	78-87-5	
1,3-Dichloropropane	<20.0	ug/L	40.0	20.0	40		10/06/15 07:56	142-28-9	
2,2-Dichloropropane	<19.4	ug/L	40.0	19.4	40		10/06/15 07:56	594-20-7	
1,1-Dichloropropene	<17.6	ug/L	40.0	17.6	40		10/06/15 07:56	563-58-6	
cis-1,3-Dichloropropene	<20.0	ug/L	40.0	20.0	40		10/06/15 07:56	10061-01-5	
trans-1,3-Dichloropropene	<9.2	ug/L	40.0	9.2	40		10/06/15 07:56	10061-02-6	
Diisopropyl ether	<20.0	ug/L	40.0	20.0	40		10/06/15 07:56	108-20-3	
Ethylbenzene	2400	ug/L	40.0	20.0	40		10/06/15 07:56	100-41-4	
Hexachloro-1,3-butadiene	<84.2	ug/L	200	84.2	40		10/06/15 07:56	87-68-3	
Isopropylbenzene (Cumene)	49.7	ug/L	40.0	5.7	40		10/06/15 07:56	98-82-8	
p-Isopropyltoluene	<20.0	ug/L	40.0	20.0	40		10/06/15 07:56	99-87-6	
Methylene Chloride	<9.3	ug/L	40.0	9.3	40		10/06/15 07:56	75-09-2	
Methyl-tert-butyl ether	<7.0	ug/L	40.0	7.0	40		10/06/15 07:56	1634-04-4	
Naphthalene	273	ug/L	200	100	40		10/06/15 07:56	91-20-3	
n-Propylbenzene	119	ug/L	40.0	20.0	40		10/06/15 07:56	103-65-1	
Styrene	<20.0	ug/L	40.0	20.0	40		10/06/15 07:56	100-42-5	
1,1,1,2-Tetrachloroethane	<7.2	ug/L	40.0	7.2	40		10/06/15 07:56	630-20-6	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: SMW-7 Lab ID: 40122052007 Collected: 09/30/15 17:25 Received: 10/01/15 15:15 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		10/06/15 07:56	79-34-5	
Tetrachloroethene	<20.0	ug/L	40.0	20.0	40		10/06/15 07:56	127-18-4	
Toluene	70.3	ug/L	40.0	20.0	40		10/06/15 07:56	108-88-3	
1,2,3-Trichlorobenzene	<85.3	ug/L	200	85.3	40		10/06/15 07:56	87-61-6	
1,2,4-Trichlorobenzene	<88.4	ug/L	200	88.4	40		10/06/15 07:56	120-82-1	
1,1,1-Trichloroethane	<20.0	ug/L	40.0	20.0	40		10/06/15 07:56	71-55-6	
1,1,2-Trichloroethane	<7.9	ug/L	40.0	7.9	40		10/06/15 07:56	79-00-5	
Trichloroethene	<13.2	ug/L	40.0	13.2	40		10/06/15 07:56	79-01-6	
Trichlorofluoromethane	<7.4	ug/L	40.0	7.4	40		10/06/15 07:56	75-69-4	
1,2,3-Trichloropropane	<20.0	ug/L	40.0	20.0	40		10/06/15 07:56	96-18-4	
1,2,4-Trimethylbenzene	1530	ug/L	40.0	20.0	40		10/06/15 07:56	95-63-6	
1,3,5-Trimethylbenzene	349	ug/L	40.0	20.0	40		10/06/15 07:56	108-67-8	
Vinyl chloride	<7.0	ug/L	40.0	7.0	40		10/06/15 07:56	75-01-4	
m&p-Xylene	9050	ug/L	80.0	40.0	40		10/06/15 07:56	179601-23-1	
o-Xylene	2780	ug/L	40.0	20.0	40		10/06/15 07:56	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		40		10/06/15 07:56	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		40		10/06/15 07:56	1868-53-7	
Toluene-d8 (S)	98	%	70-130		40		10/06/15 07:56	2037-26-5	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: SMW-8 Lab ID: 40122052008 Collected: 09/30/15 15:10 Received: 10/01/15 15:15 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		10/03/15 17:01	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/03/15 17:01	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/03/15 17:01	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:01	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/03/15 17:01	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/03/15 17:01	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:01	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 17:01	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/03/15 17:01	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/03/15 17:01	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:01	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/03/15 17:01	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/03/15 17:01	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:01	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:01	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/03/15 17:01	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/03/15 17:01	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:01	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/03/15 17:01	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/03/15 17:01	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:01	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:01	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:01	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/03/15 17:01	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/03/15 17:01	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/03/15 17:01	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/03/15 17:01	75-35-4	
cis-1,2-Dichloroethene	2.0	ug/L	1.0	0.26	1		10/03/15 17:01	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/03/15 17:01	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/03/15 17:01	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:01	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/03/15 17:01	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/03/15 17:01	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:01	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/03/15 17:01	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/03/15 17:01	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:01	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/03/15 17:01	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/03/15 17:01	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:01	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/03/15 17:01	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/03/15 17:01	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/03/15 17:01	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:01	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:01	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/03/15 17:01	630-20-6	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: SMW-8 Lab ID: 40122052008 Collected: 09/30/15 15:10 Received: 10/01/15 15:15 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		10/03/15 17:01	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:01	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:01	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/03/15 17:01	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 17:01	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:01	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/03/15 17:01	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		10/03/15 17:01	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/03/15 17:01	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:01	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:01	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:01	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/03/15 17:01	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/03/15 17:01	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:01	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		10/03/15 17:01	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		1		10/03/15 17:01	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		10/03/15 17:01	2037-26-5	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: SMW-9 Lab ID: 40122052009 Collected: 09/30/15 17:50 Received: 10/01/15 15:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Benzene	<500	ug/L	1000	500	1000		10/06/15 09:48	71-43-2	
Bromobenzene	<230	ug/L	1000	230	1000		10/06/15 09:48	108-86-1	
Bromochloromethane	<340	ug/L	1000	340	1000		10/06/15 09:48	74-97-5	
Bromodichloromethane	<500	ug/L	1000	500	1000		10/06/15 09:48	75-27-4	
Bromoform	<500	ug/L	1000	500	1000		10/06/15 09:48	75-25-2	
Bromomethane	<2430	ug/L	5000	2430	1000		10/06/15 09:48	74-83-9	
n-Butylbenzene	<500	ug/L	1000	500	1000		10/06/15 09:48	104-51-8	
sec-Butylbenzene	<2190	ug/L	5000	2190	1000		10/06/15 09:48	135-98-8	
tert-Butylbenzene	<180	ug/L	1000	180	1000		10/06/15 09:48	98-06-6	
Carbon tetrachloride	<500	ug/L	1000	500	1000		10/06/15 09:48	56-23-5	
Chlorobenzene	<500	ug/L	1000	500	1000		10/06/15 09:48	108-90-7	
Chloroethane	<375	ug/L	1000	375	1000		10/06/15 09:48	75-00-3	
Chloroform	<2500	ug/L	5000	2500	1000		10/06/15 09:48	67-66-3	
Chloromethane	<500	ug/L	1000	500	1000		10/06/15 09:48	74-87-3	
2-Chlorotoluene	<500	ug/L	1000	500	1000		10/06/15 09:48	95-49-8	
4-Chlorotoluene	<214	ug/L	1000	214	1000		10/06/15 09:48	106-43-4	
1,2-Dibromo-3-chloropropane	<2160	ug/L	5000	2160	1000		10/06/15 09:48	96-12-8	
Dibromochloromethane	<500	ug/L	1000	500	1000		10/06/15 09:48	124-48-1	
1,2-Dibromoethane (EDB)	<178	ug/L	1000	178	1000		10/06/15 09:48	106-93-4	
Dibromomethane	<427	ug/L	1000	427	1000		10/06/15 09:48	74-95-3	
1,2-Dichlorobenzene	<500	ug/L	1000	500	1000		10/06/15 09:48	95-50-1	
1,3-Dichlorobenzene	<500	ug/L	1000	500	1000		10/06/15 09:48	541-73-1	
1,4-Dichlorobenzene	<500	ug/L	1000	500	1000		10/06/15 09:48	106-46-7	
Dichlorodifluoromethane	<224	ug/L	1000	224	1000		10/06/15 09:48	75-71-8	
1,1-Dichloroethane	<242	ug/L	1000	242	1000		10/06/15 09:48	75-34-3	
1,2-Dichloroethane	<168	ug/L	1000	168	1000		10/06/15 09:48	107-06-2	
1,1-Dichloroethene	<410	ug/L	1000	410	1000		10/06/15 09:48	75-35-4	
cis-1,2-Dichloroethene	1480	ug/L	1000	256	1000		10/06/15 09:48	156-59-2	
trans-1,2-Dichloroethene	<257	ug/L	1000	257	1000		10/06/15 09:48	156-80-5	
1,2-Dichloropropane	<233	ug/L	1000	233	1000		10/06/15 09:48	78-87-5	
1,3-Dichloropropane	<500	ug/L	1000	500	1000		10/06/15 09:48	142-28-9	
2,2-Dichloropropane	<484	ug/L	1000	484	1000		10/06/15 09:48	594-20-7	
1,1-Dichloropropene	<441	ug/L	1000	441	1000		10/06/15 09:48	563-58-6	
cis-1,3-Dichloropropene	<500	ug/L	1000	500	1000		10/06/15 09:48	10061-01-5	
trans-1,3-Dichloropropene	<230	ug/L	1000	230	1000		10/06/15 09:48	10061-02-6	
Diisopropyl ether	<500	ug/L	1000	500	1000		10/06/15 09:48	108-20-3	
Ethylbenzene	<500	ug/L	1000	500	1000		10/06/15 09:48	100-41-4	
Hexachloro-1,3-butadiene	<2110	ug/L	5000	2110	1000		10/06/15 09:48	87-68-3	
Isopropylbenzene (Cumene)	<143	ug/L	1000	143	1000		10/06/15 09:48	98-82-8	
p-Isopropyltoluene	<500	ug/L	1000	500	1000		10/06/15 09:48	99-87-6	
Methylene Chloride	<233	ug/L	1000	233	1000		10/06/15 09:48	75-09-2	
Methyl-tert-butyl ether	<174	ug/L	1000	174	1000		10/06/15 09:48	1634-04-4	
Naphthalene	<2500	ug/L	5000	2500	1000		10/06/15 09:48	91-20-3	
n-Propylbenzene	<500	ug/L	1000	500	1000		10/06/15 09:48	103-65-1	
Styrene	<500	ug/L	1000	500	1000		10/06/15 09:48	100-42-5	
1,1,1,2-Tetrachloroethane	<181	ug/L	1000	181	1000		10/06/15 09:48	630-20-6	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: SMW-9 Lab ID: 40122052009 Collected: 09/30/15 17:50 Received: 10/01/15 15:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<249	ug/L	1000	249	1000		10/06/15 09:48	79-34-5	
Tetrachloroethene	81800	ug/L	1000	500	1000		10/06/15 09:48	127-18-4	
Toluene	<500	ug/L	1000	500	1000		10/06/15 09:48	108-88-3	
1,2,3-Trichlorobenzene	<2130	ug/L	5000	2130	1000		10/06/15 09:48	87-61-6	
1,2,4-Trichlorobenzene	<2210	ug/L	5000	2210	1000		10/06/15 09:48	120-82-1	
1,1,1-Trichloroethane	<500	ug/L	1000	500	1000		10/06/15 09:48	71-55-6	
1,1,2-Trichloroethane	<197	ug/L	1000	197	1000		10/06/15 09:48	79-00-5	
Trichloroethene	1190	ug/L	1000	331	1000		10/06/15 09:48	79-01-6	
Trichlorofluoromethane	<185	ug/L	1000	185	1000		10/06/15 09:48	75-69-4	
1,2,3-Trichloropropane	<500	ug/L	1000	500	1000		10/06/15 09:48	96-18-4	
1,2,4-Trimethylbenzene	<500	ug/L	1000	500	1000		10/06/15 09:48	95-63-6	
1,3,5-Trimethylbenzene	<500	ug/L	1000	500	1000		10/06/15 09:48	108-67-8	
Vinyl chloride	<176	ug/L	1000	176	1000		10/06/15 09:48	75-01-4	
m&p-Xylene	<1000	ug/L	2000	1000	1000		10/06/15 09:48	179601-23-1	
o-Xylene	<500	ug/L	1000	500	1000		10/06/15 09:48	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1000		10/06/15 09:48	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1000		10/06/15 09:48	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1000		10/06/15 09:48	2037-26-5	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: SMW-10 Lab ID: 40122052010 Collected: 09/30/15 17:05 Received: 10/01/15 15:15 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		10/05/15 20:48	71-43-2	
Bromobenzene	<2.3	ug/L	10.0	2.3	10		10/05/15 20:48	108-86-1	
Bromochloromethane	<3.4	ug/L	10.0	3.4	10		10/05/15 20:48	74-97-5	
Bromodichloromethane	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	75-27-4	
Bromoform	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	75-25-2	
Bromomethane	<24.3	ug/L	50.0	24.3	10		10/05/15 20:48	74-83-9	
n-Butylbenzene	6.1J	ug/L	10.0	5.0	10		10/05/15 20:48	104-51-8	
sec-Butylbenzene	<21.9	ug/L	50.0	21.9	10		10/05/15 20:48	135-98-8	
tert-Butylbenzene	<1.8	ug/L	10.0	1.8	10		10/05/15 20:48	98-06-6	
Carbon tetrachloride	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	56-23-5	
Chlorobenzene	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	108-90-7	
Chloroethane	<3.7	ug/L	10.0	3.7	10		10/05/15 20:48	75-00-3	
Chloroform	<25.0	ug/L	50.0	25.0	10		10/05/15 20:48	67-66-3	
Chloromethane	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	74-87-3	
2-Chlorotoluene	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	95-49-8	
4-Chlorotoluene	<2.1	ug/L	10.0	2.1	10		10/05/15 20:48	106-43-4	
1,2-Dibromo-3-chloropropane	<21.6	ug/L	50.0	21.6	10		10/05/15 20:48	96-12-8	
Dibromochloromethane	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	124-48-1	
1,2-Dibromoethane (EDB)	<1.8	ug/L	10.0	1.8	10		10/05/15 20:48	106-93-4	
Dibromomethane	<4.3	ug/L	10.0	4.3	10		10/05/15 20:48	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:46	95-50-1	
1,3-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	541-73-1	
1,4-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	106-46-7	
Dichlorodifluoromethane	<2.2	ug/L	10.0	2.2	10		10/05/15 20:48	75-71-8	
1,1-Dichloroethane	<2.4	ug/L	10.0	2.4	10		10/05/15 20:48	75-34-3	
1,2-Dichloroethane	<1.7	ug/L	10.0	1.7	10		10/05/15 20:48	107-06-2	
1,1-Dichloroethene	<4.1	ug/L	10.0	4.1	10		10/05/15 20:48	75-35-4	
cis-1,2-Dichloroethene	777	ug/L	10.0	2.6	10		10/05/15 20:48	156-59-2	
trans-1,2-Dichloroethene	14.2	ug/L	10.0	2.6	10		10/05/15 20:48	156-60-5	
1,2-Dichloropropane	<2.3	ug/L	10.0	2.3	10		10/05/15 20:48	78-87-5	
1,3-Dichloropropane	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	142-28-9	
2,2-Dichloropropane	<4.8	ug/L	10.0	4.8	10		10/05/15 20:48	594-20-7	
1,1-Dichloropropene	<4.4	ug/L	10.0	4.4	10		10/05/15 20:48	563-58-6	
cis-1,3-Dichloropropene	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	10061-01-5	
trans-1,3-Dichloropropene	<2.3	ug/L	10.0	2.3	10		10/05/15 20:48	10061-02-6	
Diisopropyl ether	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	108-20-3	
Ethylbenzene	326	ug/L	10.0	5.0	10		10/05/15 20:48	100-41-4	
Hexachloro-1,3-butadiene	<21.1	ug/L	50.0	21.1	10		10/05/15 20:48	87-68-3	
Isopropylbenzene (Cumene)	18.8	ug/L	10.0	1.4	10		10/05/15 20:48	98-82-8	
p-Isopropyltoluene	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	99-87-6	
Methylene Chloride	<2.3	ug/L	10.0	2.3	10		10/05/15 20:48	75-09-2	
Methyl-tert-butyl ether	<1.7	ug/L	10.0	1.7	10		10/05/15 20:48	1634-04-4	
Naphthalene	54.2	ug/L	50.0	25.0	10		10/05/15 20:48	91-20-3	
n-Propylbenzene	40.9	ug/L	10.0	5.0	10		10/05/15 20:48	103-65-1	
Styrene	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	100-42-5	
1,1,1,2-Tetrachloroethane	<1.8	ug/L	10.0	1.8	10		10/05/15 20:48	630-20-6	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: **SMW-10** Lab ID: **40122052010** Collected: 09/30/15 17:05 Received: 10/01/15 15:15 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		10/05/15 20:48	79-34-5	
Tetrachloroethene	583	ug/L	10.0	5.0	10		10/05/15 20:48	127-18-4	
Toluene	65.5	ug/L	10.0	5.0	10		10/05/15 20:48	108-88-3	
1,2,3-Trichlorobenzene	<21.3	ug/L	50.0	21.3	10		10/05/15 20:48	87-61-6	
1,2,4-Trichlorobenzene	<22.1	ug/L	50.0	22.1	10		10/05/15 20:48	120-82-1	
1,1,1-Trichloroethane	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	71-55-6	
1,1,2-Trichloroethane	<2.0	ug/L	10.0	2.0	10		10/05/15 20:48	79-00-5	
Trichloroethene	363	ug/L	10.0	3.3	10		10/05/15 20:48	79-01-6	
Trichlorofluoromethane	<1.8	ug/L	10.0	1.8	10		10/05/15 20:48	75-69-4	
1,2,3-Trichloropropane	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	96-18-4	
1,2,4-Trimethylbenzene	454	ug/L	10.0	5.0	10		10/05/15 20:48	95-63-6	
1,3,5-Trimethylbenzene	32.7	ug/L	10.0	5.0	10		10/05/15 20:48	108-67-8	
Vinyl chloride	37.5	ug/L	10.0	1.8	10		10/05/15 20:48	75-01-4	
m&p-Xylene	688	ug/L	20.0	10.0	10		10/05/15 20:48	179601-23-1	
o-Xylene	107	ug/L	10.0	5.0	10		10/05/15 20:48	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		10/03/15 17:46	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		10/03/15 17:46	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		10/03/15 17:46	2037-26-5	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS

Pace Project No.: 40122052

Sample: SMW-11 Lab ID: 40122052011 Collected: 09/30/15 12:25 Received: 10/01/15 15:15 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		10/03/15 15:47	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/03/15 15:47	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/03/15 15:47	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/03/15 15:47	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 15:47	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/03/15 15:47	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/03/15 15:47	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/03/15 15:47	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/03/15 15:47	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/03/15 15:47	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/03/15 15:47	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/03/15 15:47	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/03/15 15:47	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/03/15 15:47	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/03/15 15:47	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/03/15 15:47	75-35-4	
cis-1,2-Dichloroethene	63.6	ug/L	1.0	0.26	1		10/03/15 15:47	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/03/15 15:47	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/03/15 15:47	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/03/15 15:47	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/03/15 15:47	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/03/15 15:47	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/03/15 15:47	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/03/15 15:47	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/03/15 15:47	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/03/15 15:47	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/03/15 15:47	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/03/15 15:47	630-20-6	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: SMW-11 Lab ID: 40122062011 Collected: 09/30/15 12:25 Received: 10/01/15 15:15 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		10/03/15 15:47	79-34-5	
Tetrachloroethene	268	ug/L	1.0	0.50	1		10/03/15 15:47	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/03/15 15:47	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 15:47	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/03/15 15:47	79-00-5	
Trichloroethene	96.8	ug/L	1.0	0.33	1		10/03/15 15:47	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/03/15 15:47	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	108-67-8	
Vinyl chloride	77.0	ug/L	1.0	0.18	1		10/03/15 15:47	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/03/15 15:47	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		10/03/15 15:47	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		10/03/15 15:47	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		10/03/15 15:47	2037-26-5	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: SMW-12 Lab ID: 40122052012 Collected: 09/30/15 13:20 Received: 10/01/15 15:15 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		10/03/15 16:09	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/03/15 16:09	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/03/15 16:09	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/03/15 16:09	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 16:09	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/03/15 16:09	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/03/15 16:09	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/03/15 16:09	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/03/15 16:09	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/03/15 16:09	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/03/15 16:09	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/03/15 16:09	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/03/15 16:09	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/03/15 16:09	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/03/15 16:09	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/03/15 16:09	75-35-4	
cis-1,2-Dichloroethene	1.9	ug/L	1.0	0.26	1		10/03/15 16:09	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/03/15 16:09	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/03/15 16:09	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/03/15 16:09	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/03/15 16:09	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/03/15 16:09	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/03/15 16:09	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/03/15 16:09	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/03/15 16:09	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/03/15 16:09	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/03/15 16:09	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/03/15 16:09	630-20-6	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS

Pace Project No.: 40122052

Sample: SMW-12 Lab ID: 40122052012 Collected: 09/30/15 13:20 Received: 10/01/15 15:15 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		10/03/15 16:09	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		10/05/15 08:39	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/03/15 16:09	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 16:09	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/03/15 16:09	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		10/03/15 16:09	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/03/15 16:09	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	108-67-8	
Vinyl chloride	5.8	ug/L	1.0	0.18	1		10/03/15 16:09	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/03/15 16:09	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		10/05/15 08:39	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		10/05/15 08:39	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		10/05/15 08:39	2037-26-5	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS

Pace Project No.: 40122052

Sample: SMW-13 Lab ID: 40122052013 Collected: 09/30/15 11:40 Received: 10/01/15 15:15 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		10/03/15 16:30	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/03/15 16:30	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/03/15 16:30	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/03/15 16:30	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 16:30	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/03/15 16:30	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/03/15 16:30	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/03/15 16:30	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/03/15 16:30	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/03/15 16:30	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/03/15 16:30	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/03/15 16:30	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/03/15 16:30	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/03/15 16:30	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/03/15 16:30	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/03/15 16:30	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/03/15 16:30	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/03/15 16:30	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/03/15 16:30	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/03/15 16:30	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/03/15 16:30	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/03/15 16:30	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/03/15 16:30	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/03/15 16:30	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/03/15 16:30	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/03/15 16:30	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/03/15 16:30	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/03/15 16:30	630-20-6	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: SMW-13 Lab ID: 40122052013 Collected: 09/30/15 11:40 Received: 10/01/15 15:15 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		10/03/15 16:30	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/03/15 16:30	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 16:30	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/03/15 16:30	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		10/03/15 16:30	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/03/15 16:30	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/03/15 16:30	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/03/15 16:30	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		10/03/15 16:30	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		10/03/15 16:30	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		10/03/15 16:30	2037-26-5	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: SMW-14 Lab ID: 40122052014 Collected: 09/30/15 12:00 Received: 10/01/15 15:15 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		10/03/15 16:52	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/03/15 16:52	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/03/15 16:52	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:52	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/03/15 16:52	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/03/15 16:52	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:52	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 16:52	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/03/15 16:52	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/03/15 16:52	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:52	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/03/15 16:52	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/03/15 16:52	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:52	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:52	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/03/15 16:52	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/03/15 16:52	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:52	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/03/15 16:52	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/03/15 16:52	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:52	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:52	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:52	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/03/15 16:52	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/03/15 16:52	75-34-3	
1,2-Dichloroethane	0.49J	ug/L	1.0	0.17	1		10/03/15 16:52	107-06-2	
1,1-Dichloroethene	2.6	ug/L	1.0	0.41	1		10/03/15 16:52	75-35-4	
cis-1,2-Dichloroethene	652	ug/L	10.0	2.6	10		10/05/15 09:44	156-59-2	
trans-1,2-Dichloroethene	35.4	ug/L	1.0	0.26	1		10/03/15 16:52	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/03/15 16:52	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:52	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/03/15 16:52	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/03/15 16:52	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:52	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/03/15 16:52	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/03/15 16:52	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:52	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/03/15 16:52	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/03/15 16:52	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:52	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/03/15 16:52	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/03/15 16:52	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/03/15 16:52	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:52	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:52	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/03/15 16:52	630-20-6	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: SMW-14 Lab ID: 40122052014 Collected: 09/30/15 12:00 Received: 10/01/15 15:15 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		10/03/15 16:52	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:52	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:52	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/03/15 16:52	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 16:52	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:52	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/03/15 16:52	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		10/03/15 16:52	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/03/15 16:52	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:52	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:52	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:52	108-67-8	
Vinyl chloride	38.6	ug/L	1.0	0.18	1		10/03/15 16:52	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/03/15 16:52	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:52	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		10/03/15 16:52	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		10/03/15 16:52	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		10/03/15 16:52	2037-26-5	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS

Pace Project No.: 40122052

Sample: MW-1 Lab ID: 40122052015 Collected: 09/30/15 16:15 Received: 10/01/15 15:15 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		10/03/15 17:14	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/03/15 17:14	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/03/15 17:14	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/03/15 17:14	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 17:14	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/03/15 17:14	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/03/15 17:14	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/03/15 17:14	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/03/15 17:14	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/03/15 17:14	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/03/15 17:14	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/03/15 17:14	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/03/15 17:14	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/03/15 17:14	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/03/15 17:14	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/03/15 17:14	75-35-4	
cis-1,2-Dichloroethene	6.0	ug/L	1.0	0.26	1		10/03/15 17:14	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/03/15 17:14	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/03/15 17:14	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/03/15 17:14	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/03/15 17:14	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/03/15 17:14	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/03/15 17:14	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/03/15 17:14	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/03/15 17:14	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/03/15 17:14	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/03/15 17:14	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/03/15 17:14	630-20-6	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: MW-1 Lab ID: 40122052015 Collected: 09/30/15 16:15 Received: 10/01/15 15:15 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		10/03/15 17:14	79-34-5	
Tetrachloroethene	6.8	ug/L	1.0	0.50	1		10/03/15 17:14	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/03/15 17:14	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 17:14	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/03/15 17:14	79-00-5	
Trichloroethene	12.8	ug/L	1.0	0.33	1		10/03/15 17:14	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/03/15 17:14	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	108-67-8	
Vinyl chloride	0.87J	ug/L	1.0	0.18	1		10/03/15 17:14	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/03/15 17:14	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		10/03/15 17:14	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		10/03/15 17:14	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		10/03/15 17:14	2037-26-5	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS

Pace Project No.: 40122052

Sample: MW-2 Lab ID: 40122052016 Collected: 09/30/15 13:40 Received: 10/01/15 15:15 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		10/03/15 17:36	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/03/15 17:36	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/03/15 17:36	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/03/15 17:36	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 17:36	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/03/15 17:36	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/03/15 17:36	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/03/15 17:36	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/03/15 17:36	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/03/15 17:36	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/03/15 17:36	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/03/15 17:36	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/03/15 17:36	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/03/15 17:36	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/03/15 17:36	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/03/15 17:36	75-35-4	
cis-1,2-Dichloroethene	0.26J	ug/L	1.0	0.26	1		10/03/15 17:36	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/03/15 17:36	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/03/15 17:36	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/03/15 17:36	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/03/15 17:36	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/03/15 17:36	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/03/15 17:36	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/03/15 17:36	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/03/15 17:36	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/03/15 17:36	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/03/15 17:36	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/03/15 17:36	630-20-6	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: MW-2 Lab ID: 40122052016 Collected: 09/30/15 13:40 Received: 10/01/15 15:15 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		10/03/15 17:36	79-34-5	
Tetrachloroethene	0.95J	ug/L	1.0	0.50	1		10/03/15 17:36	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/03/15 17:36	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 17:36	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/03/15 17:36	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		10/03/15 17:36	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/03/15 17:36	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/03/15 17:36	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/03/15 17:36	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	110	%	70-130		1		10/03/15 17:36	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		10/03/15 17:36	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		10/03/15 17:36	2037-26-5	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS

Pace Project No.: 40122052

Sample: MW-3 Lab ID: 40122052017 Collected: 09/30/15 16:30 Received: 10/01/15 15:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Benzene	4.0	ug/L	1.0	0.50	1		10/03/15 17:58	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/03/15 17:58	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/03/15 17:58	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/03/15 17:58	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 17:58	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/03/15 17:58	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/03/15 17:58	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/03/15 17:58	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/03/15 17:58	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/03/15 17:58	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/03/15 17:58	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/03/15 17:58	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/03/15 17:58	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/03/15 17:58	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/03/15 17:58	107-06-2	
1,1-Dichloroethene	3.5	ug/L	1.0	0.41	1		10/03/15 17:58	75-35-4	
cis-1,2-Dichloroethene	1200	ug/L	10.0	2.6	10		10/05/15 10:06	156-59-2	
trans-1,2-Dichloroethene	29.4	ug/L	1.0	0.26	1		10/03/15 17:58	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/03/15 17:58	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/03/15 17:58	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/03/15 17:58	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/03/15 17:58	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	108-20-3	
Ethylbenzene	1.4	ug/L	1.0	0.50	1		10/03/15 17:58	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/03/15 17:58	87-68-3	
Isopropylbenzene (Cumene)	2.2	ug/L	1.0	0.14	1		10/03/15 17:58	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/03/15 17:58	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/03/15 17:58	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/03/15 17:58	91-20-3	
n-Propylbenzene	0.61J	ug/L	1.0	0.50	1		10/03/15 17:58	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/03/15 17:58	630-20-6	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: MW-3 Lab ID: 40122052017 Collected: 09/30/15 16:30 Received: 10/01/15 15:15 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		10/03/15 17:58	79-34-5	
Tetrachloroethene	240	ug/L	1.0	0.50	1		10/03/15 17:58	127-18-4	
Toluene	0.60J	ug/L	1.0	0.50	1		10/03/15 17:58	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/03/15 17:58	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 17:58	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/03/15 17:58	79-00-5	
Trichloroethene	677	ug/L	10.0	3.3	10		10/05/15 10:06	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/03/15 17:58	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	108-67-8	
Vinyl chloride	90.6	ug/L	1.0	0.18	1		10/03/15 17:58	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/03/15 17:58	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		10/03/15 17:58	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		10/03/15 17:58	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		10/03/15 17:58	2037-26-5	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: PZ-1 Lab ID: 40122052018 Collected: 09/30/15 14:25 Received: 10/01/15 15:15 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		10/03/15 18:20	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/03/15 18:20	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/03/15 18:20	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 18:20	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/03/15 18:20	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/03/15 18:20	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:20	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 18:20	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/03/15 18:20	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/03/15 18:20	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:20	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/03/15 18:20	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/03/15 18:20	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 18:20	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:20	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/03/15 18:20	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/03/15 18:20	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 18:20	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/03/15 18:20	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/03/15 18:20	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:20	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:20	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:20	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/03/15 18:20	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/03/15 18:20	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/03/15 18:20	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/03/15 18:20	75-35-4	
cis-1,2-Dichloroethene	0.36J	ug/L	1.0	0.26	1		10/05/15 09:01	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/03/15 18:20	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/03/15 18:20	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 18:20	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/03/15 18:20	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/03/15 18:20	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:20	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/03/15 18:20	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/03/15 18:20	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:20	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/03/15 18:20	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/03/15 18:20	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:20	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/03/15 18:20	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/03/15 18:20	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/03/15 18:20	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:20	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:20	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/03/15 18:20	630-20-6	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS

Pace Project No.: 40122052

Sample: PZ-1 Lab ID: 40122052018 Collected: 09/30/15 14:25 Received: 10/01/15 15:15 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		10/03/15 18:20	79-34-5	
Tetrachloroethene	2.9	ug/L	1.0	0.50	1		10/05/15 09:01	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:20	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/03/15 18:20	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 18:20	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/03/15 18:20	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/03/15 18:20	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		10/05/15 09:01	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/03/15 18:20	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 18:20	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:20	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:20	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/03/15 18:20	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/03/15 18:20	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:20	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		10/05/15 09:01	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		10/05/15 09:01	1868-53-7	
Toluene-d8 (S)	110	%	70-130		1		10/05/15 09:01	2037-26-5	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: PZ-2 Lab ID: 40122052019 Collected: 09/30/15 14:00 Received: 10/01/15 15:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Analytical Method: EPA 8260									
8260 MSV									
Benzene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:42	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/03/15 18:42	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/03/15 18:42	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 18:42	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/03/15 18:42	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/03/15 18:42	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:42	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 18:42	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/03/15 18:42	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/03/15 18:42	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:42	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/03/15 18:42	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/03/15 18:42	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 18:42	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:42	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/03/15 18:42	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/03/15 18:42	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 18:42	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/03/15 18:42	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/03/15 18:42	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:42	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:42	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:42	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/03/15 18:42	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/03/15 18:42	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/03/15 18:42	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/03/15 18:42	75-35-4	
cis-1,2-Dichloroethene	6.3	ug/L	1.0	0.26	1		10/05/15 09:23	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/03/15 18:42	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/03/15 18:42	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 18:42	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/03/15 18:42	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/03/15 18:42	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:42	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/03/15 18:42	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/03/15 18:42	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:42	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/03/15 18:42	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/03/15 18:42	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:42	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/03/15 18:42	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/03/15 18:42	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/03/15 18:42	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:42	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:42	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/03/15 18:42	630-20-6	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS

Pace Project No.: 40122052

Sample: PZ-2 Lab ID: 40122052019 Collected: 09/30/15 14:00 Received: 10/01/15 15:15 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		10/03/15 18:42	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		10/05/15 09:23	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:42	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/03/15 18:42	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 18:42	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/03/15 18:42	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/03/15 18:42	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		10/05/15 09:23	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/03/15 18:42	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 18:42	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:42	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:42	108-67-8	
Vinyl chloride	2.6	ug/L	1.0	0.18	1		10/03/15 18:42	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/03/15 18:42	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/03/15 18:42	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		10/05/15 09:23	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		10/05/15 09:23	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		10/05/15 09:23	2037-26-5	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS

Pace Project No.: 40122052

Sample: TRIP BLANK Lab ID: 40122052020 Collected: 09/30/15 00:00 Received: 10/01/15 15:15 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		10/03/15 14:41	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/03/15 14:41	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/03/15 14:41	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 14:41	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/03/15 14:41	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/03/15 14:41	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 14:41	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 14:41	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/03/15 14:41	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/03/15 14:41	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 14:41	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/03/15 14:41	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/03/15 14:41	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 14:41	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 14:41	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/03/15 14:41	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/03/15 14:41	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 14:41	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/03/15 14:41	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/03/15 14:41	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 14:41	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 14:41	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 14:41	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/03/15 14:41	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/03/15 14:41	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/03/15 14:41	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/03/15 14:41	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/03/15 14:41	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/03/15 14:41	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/03/15 14:41	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 14:41	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/03/15 14:41	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/03/15 14:41	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/03/15 14:41	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/03/15 14:41	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/03/15 14:41	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 14:41	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/03/15 14:41	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/03/15 14:41	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 14:41	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/03/15 14:41	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/03/15 14:41	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/03/15 14:41	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 14:41	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/03/15 14:41	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/03/15 14:41	630-20-6	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS

Pace Project No.: 40122052

Sample: TRIP BLANK Lab ID: 40122052020 Collected: 09/30/15 00:00 Received: 10/01/15 15:15 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		10/03/15 14:41	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		10/03/15 14:41	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/03/15 14:41	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/03/15 14:41	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 14:41	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/03/15 14:41	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/03/15 14:41	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		10/03/15 14:41	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/03/15 14:41	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 14:41	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 14:41	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 14:41	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/03/15 14:41	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/03/15 14:41	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/03/15 14:41	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		10/03/15 14:41	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		10/03/15 14:41	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		10/03/15 14:41	2037-26-5	

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QUALITY CONTROL DATA

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

QC Batch: MSV/30455 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40122052001, 40122052002, 40122052003, 40122052004, 40122052005, 40122052006, 40122052007, 40122052008, 40122052009, 40122052010

METHOD BLANK: 1231796 Matrix: Water
Associated Lab Samples: 40122052001, 40122052002, 40122052003, 40122052004, 40122052005, 40122052006, 40122052007, 40122052008, 40122052009, 40122052010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	10/03/15 11:02	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	10/03/15 11:02	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	10/03/15 11:02	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	10/03/15 11:02	
1,1-Dichloroethane	ug/L	<0.24	1.0	10/03/15 11:02	
1,1-Dichloroethene	ug/L	<0.41	1.0	10/03/15 11:02	
1,1-Dichloropropene	ug/L	<0.44	1.0	10/03/15 11:02	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	10/03/15 11:02	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	10/03/15 11:02	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	10/03/15 11:02	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	10/03/15 11:02	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	10/03/15 11:02	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	10/03/15 11:02	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	10/03/15 11:02	
1,2-Dichloroethane	ug/L	<0.17	1.0	10/03/15 11:02	
1,2-Dichloropropane	ug/L	<0.23	1.0	10/03/15 11:02	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	10/03/15 11:02	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	10/03/15 11:02	
1,3-Dichloropropane	ug/L	<0.50	1.0	10/03/15 11:02	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	10/03/15 11:02	
2,2-Dichloropropane	ug/L	<0.48	1.0	10/03/15 11:02	
2-Chlorotoluene	ug/L	<0.50	1.0	10/03/15 11:02	
4-Chlorotoluene	ug/L	<0.21	1.0	10/03/15 11:02	
Benzene	ug/L	<0.50	1.0	10/03/15 11:02	
Bromobenzene	ug/L	<0.23	1.0	10/03/15 11:02	
Bromochloromethane	ug/L	<0.34	1.0	10/03/15 11:02	
Bromodichloromethane	ug/L	<0.50	1.0	10/03/15 11:02	
Bromoform	ug/L	<0.50	1.0	10/03/15 11:02	
Bromomethane	ug/L	<2.4	5.0	10/03/15 11:02	
Carbon tetrachloride	ug/L	<0.50	1.0	10/03/15 11:02	
Chlorobenzene	ug/L	<0.50	1.0	10/03/15 11:02	
Chloroethane	ug/L	<0.37	1.0	10/03/15 11:02	
Chloroform	ug/L	<2.5	5.0	10/03/15 11:02	
Chloromethane	ug/L	<0.50	1.0	10/03/15 11:02	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	10/03/15 11:02	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	10/03/15 11:02	
Dibromochloromethane	ug/L	<0.50	1.0	10/03/15 11:02	
Dibromomethane	ug/L	<0.43	1.0	10/03/15 11:02	
Dichlorodifluoromethane	ug/L	<0.22	1.0	10/03/15 11:02	
Diisopropyl ether	ug/L	<0.50	1.0	10/03/15 11:02	

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QUALITY CONTROL DATA

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

METHOD BLANK: 1231796 Matrix: Water
Associated Lab Samples: 40122052001, 40122052002, 40122052003, 40122052004, 40122052005, 40122052006, 40122052007, 40122052008, 40122052009, 40122052010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.50	1.0	10/03/15 11:02	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	10/03/15 11:02	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	10/03/15 11:02	
m&p-Xylene	ug/L	<1.0	2.0	10/03/15 11:02	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	10/03/15 11:02	
Methylene Chloride	ug/L	<0.23	1.0	10/03/15 11:02	
n-Butylbenzene	ug/L	<0.50	1.0	10/03/15 11:02	
n-Propylbenzene	ug/L	<0.50	1.0	10/03/15 11:02	
Naphthalene	ug/L	<2.5	5.0	10/03/15 11:02	
o-Xylene	ug/L	<0.50	1.0	10/03/15 11:02	
p-Isopropyltoluene	ug/L	<0.50	1.0	10/03/15 11:02	
sec-Butylbenzene	ug/L	<2.2	5.0	10/03/15 11:02	
Styrene	ug/L	<0.50	1.0	10/03/15 11:02	
tert-Butylbenzene	ug/L	<0.18	1.0	10/03/15 11:02	
Tetrachloroethene	ug/L	<0.50	1.0	10/03/15 11:02	
Toluene	ug/L	<0.50	1.0	10/03/15 11:02	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	10/03/15 11:02	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	10/03/15 11:02	
Trichloroethene	ug/L	<0.33	1.0	10/03/15 11:02	
Trichlorofluoromethane	ug/L	<0.18	1.0	10/03/15 11:02	
Vinyl chloride	ug/L	<0.18	1.0	10/03/15 11:02	
4-Bromofluorobenzene (S)	%	94	70-130	10/03/15 11:02	
Dibromofluoromethane (S)	%	100	70-130	10/03/15 11:02	
Toluene-d8 (S)	%	98	70-130	10/03/15 11:02	

LABORATORY CONTROL SAMPLE: 1231797

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	60.1	120	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	54.1	108	70-130	
1,1,2-Trichloroethane	ug/L	50	55.7	111	70-130	
1,1-Dichloroethane	ug/L	50	56.6	113	70-130	
1,1-Dichloroethene	ug/L	50	54.8	110	70-130	
1,2,4-Trichlorobenzene	ug/L	50	55.4	111	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	47.6	95	50-150	
1,2-Dibromoethane (EDB)	ug/L	50	57.2	114	70-130	
1,2-Dichlorobenzene	ug/L	50	53.5	107	70-130	
1,2-Dichloroethane	ug/L	50	59.4	119	70-131	
1,2-Dichloropropane	ug/L	50	55.2	110	70-130	
1,3-Dichlorobenzene	ug/L	50	52.9	106	70-130	
1,4-Dichlorobenzene	ug/L	50	52.0	104	70-130	
Benzene	ug/L	50	60.6	121	70-130	
Bromodichloromethane	ug/L	50	56.1	112	70-130	

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QUALITY CONTROL DATA

Project: 15-1209 MASTER CLEANERS

Pace Project No.: 40122052

LABORATORY CONTROL SAMPLE: 1231797

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	55.5	111	68-130	
Bromomethane	ug/L	50	46.4	93	38-137	
Carbon tetrachloride	ug/L	50	56.9	114	70-130	
Chlorobenzene	ug/L	50	56.1	112	70-130	
Chloroethane	ug/L	50	50.8	102	70-136	
Chloroform	ug/L	50	57.8	116	70-130	
Chloromethane	ug/L	50	55.8	112	48-144	
cis-1,2-Dichloroethene	ug/L	50	54.9	110	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.6	99	70-130	
Dibromochloromethane	ug/L	50	56.5	113	70-130	
Dichlorodifluoromethane	ug/L	50	49.6	99	33-157	
Ethylbenzene	ug/L	50	58.3	117	70-132	
Isopropylbenzene (Cumene)	ug/L	50	59.1	118	70-130	
m&p-Xylene	ug/L	100	117	117	70-131	
Methyl-tert-butyl ether	ug/L	50	55.2	110	48-141	
Methylene Chloride	ug/L	50	55.6	111	70-130	
o-Xylene	ug/L	50	57.8	116	70-131	
Styrene	ug/L	50	54.6	109	70-130	
Tetrachloroethene	ug/L	50	56.9	114	70-130	
Toluene	ug/L	50	57.0	114	70-130	
trans-1,2-Dichloroethene	ug/L	50	54.9	110	70-130	
trans-1,3-Dichloropropene	ug/L	50	49.7	99	70-130	
Trichloroethene	ug/L	50	56.8	114	70-130	
Trichlorofluoromethane	ug/L	50	57.1	114	50-150	
Vinyl chloride	ug/L	50	55.8	112	65-142	
4-Bromofluorobenzene (S)	%			101	70-130	
Dibromofluoromethane (S)	%			105	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1231941 1231942

Parameter	Units	40122052005 Result	MS Spike Conc.	MSD Spike Conc.	1231941		1231942		% Rec Limits	Max RPD	Qual
					MS Result	MSD Result	MS % Rec	MSD % Rec			
1,1,1-Trichloroethane	ug/L	<0.50	50	50	58.3	58.9	117	118	70-130	1	20
1,1,1,2-Tetrachloroethane	ug/L	<0.25	50	50	53.8	53.2	108	106	70-130	1	20
1,1,2-Trichloroethane	ug/L	<0.20	50	50	54.9	55.0	110	110	70-130	0	20
1,1-Dichloroethane	ug/L	<0.24	50	50	55.2	55.5	110	111	70-134	1	20
1,1-Dichloroethene	ug/L	<0.41	50	50	53.7	54.2	107	108	70-139	1	20
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	52.7	53.3	105	107	70-130	1	20
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	48.9	49.4	98	99	50-150	1	20
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	55.8	55.8	112	112	70-130	0	20
1,2-Dichlorobenzene	ug/L	<0.50	50	50	51.8	52.8	104	106	70-130	2	20
1,2-Dichloroethane	ug/L	<0.17	50	50	57.7	57.8	115	116	70-132	0	20
1,2-Dichloropropane	ug/L	<0.23	50	50	54.6	55.5	109	111	70-130	2	20

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QUALITY CONTROL DATA

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		1231941		1231942		% Rec	% Rec	% Rec	% Rec	Limits	Max RPD	Qual
		40122052005	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result								
1,3-Dichlorobenzene	ug/L	<0.50	50	50	51.2	51.5	102	103	70-130	1	20			
1,4-Dichlorobenzene	ug/L	<0.50	50	50	50.5	51.2	101	102	70-130	1	20			
Benzene	ug/L	<0.50	50	50	58.9	59.0	118	118	70-130	0	20			
Bromodichloromethane	ug/L	<0.50	50	50	54.4	55.4	109	111	70-132	2	20			
Bromoform	ug/L	<0.50	50	50	55.1	55.7	110	111	68-130	1	20			
Bromomethane	ug/L	<2.4	50	50	49.2	51.5	98	103	38-141	5	20			
Carbon tetrachloride	ug/L	<0.50	50	50	62.7	55.5	125	111	70-130	12	20			
Chlorobenzene	ug/L	<0.50	50	50	54.2	55.1	108	110	70-130	2	20			
Chloroethane	ug/L	<0.37	50	50	49.2	49.0	98	98	66-152	0	20			
Chloroform	ug/L	<2.5	50	50	56.5	56.8	113	114	70-130	1	20			
Chloromethane	ug/L	<0.50	50	50	54.6	54.0	109	108	44-151	1	20			
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	52.3	53.2	105	106	70-130	2	20			
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	48.5	49.4	97	99	70-130	2	20			
Dibromochloromethane	ug/L	<0.50	50	50	55.1	55.6	110	111	70-130	1	20			
Dichlorodifluoromethane	ug/L	<0.22	50	50	48.1	47.8	96	96	29-160	1	20			
Ethylbenzene	ug/L	<0.50	50	50	56.2	57.3	112	115	70-132	2	20			
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	56.6	57.7	113	115	70-130	2	20			
m&p-Xylene	ug/L	<1.0	100	100	112	114	112	114	70-131	2	20			
Methyl-tert-butyl ether	ug/L	<0.17	50	50	54.0	53.6	108	107	48-143	1	20			
Methylene Chloride	ug/L	<0.23	50	50	54.0	54.5	108	109	70-130	1	20			
o-Xylene	ug/L	<0.50	50	50	55.6	56.7	111	113	70-131	2	20			
Styrene	ug/L	<0.50	50	50	52.6	53.4	105	107	70-130	2	20			
Tetrachloroethene	ug/L	<0.50	50	50	55.0	55.8	110	111	70-130	1	20			
Toluene	ug/L	<0.50	50	50	55.4	56.1	111	112	70-130	1	20			
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	54.0	54.3	108	109	70-132	1	20			
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	48.8	49.3	98	99	70-130	1	20			
Trichloroethene	ug/L	<0.33	50	50	54.9	55.9	110	112	70-130	2	20			
Trichlorofluoromethane	ug/L	<0.18	50	50	55.7	56.1	111	112	50-153	1	20			
Vinyl chloride	ug/L	<0.18	50	50	55.3	55.1	111	110	60-155	0	20			
4-Bromofluorobenzene (S)	%						99	101	70-130					
Dibromofluoromethane (S)	%						105	102	70-130					
Toluene-d8 (S)	%						99	99	70-130					

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QUALITY CONTROL DATA

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

QC Batch:	MSV/30456	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
Associated Lab Samples:	40122052011, 40122052012, 40122052013, 40122052014, 40122052015, 40122052016, 40122052017, 40122052018, 40122052019, 40122052020		

METHOD BLANK: 1231798 Matrix: Water
Associated Lab Samples: 40122052011, 40122052012, 40122052013, 40122052014, 40122052015, 40122052016, 40122052017, 40122052018, 40122052019, 40122052020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	10/03/15 11:47	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	10/03/15 11:47	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	10/03/15 11:47	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	10/03/15 11:47	
1,1-Dichloroethane	ug/L	<0.24	1.0	10/03/15 11:47	
1,1-Dichloroethene	ug/L	<0.41	1.0	10/03/15 11:47	
1,1-Dichloropropene	ug/L	<0.44	1.0	10/03/15 11:47	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	10/03/15 11:47	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	10/03/15 11:47	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	10/03/15 11:47	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	10/03/15 11:47	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	10/03/15 11:47	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	10/03/15 11:47	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	10/03/15 11:47	
1,2-Dichloroethane	ug/L	<0.17	1.0	10/03/15 11:47	
1,2-Dichloropropane	ug/L	<0.23	1.0	10/03/15 11:47	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	10/03/15 11:47	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	10/03/15 11:47	
1,3-Dichloropropane	ug/L	<0.50	1.0	10/03/15 11:47	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	10/03/15 11:47	
2,2-Dichloropropane	ug/L	<0.48	1.0	10/03/15 11:47	
2-Chlorotoluene	ug/L	<0.50	1.0	10/03/15 11:47	
4-Chlorotoluene	ug/L	<0.21	1.0	10/03/15 11:47	
Benzene	ug/L	<0.50	1.0	10/03/15 11:47	
Bromobenzene	ug/L	<0.23	1.0	10/03/15 11:47	
Bromochloromethane	ug/L	<0.34	1.0	10/03/15 11:47	
Bromodichloromethane	ug/L	<0.50	1.0	10/03/15 11:47	
Bromoform	ug/L	<0.50	1.0	10/03/15 11:47	
Bromomethane	ug/L	<2.4	5.0	10/03/15 11:47	
Carbon tetrachloride	ug/L	<0.50	1.0	10/03/15 11:47	
Chlorobenzene	ug/L	<0.50	1.0	10/03/15 11:47	
Chloroethane	ug/L	<0.37	1.0	10/03/15 11:47	
Chloroform	ug/L	<2.5	5.0	10/03/15 11:47	
Chloromethane	ug/L	<0.50	1.0	10/03/15 11:47	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	10/03/15 11:47	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	10/03/15 11:47	
Dibromochloromethane	ug/L	<0.50	1.0	10/03/15 11:47	
Dibromomethane	ug/L	<0.43	1.0	10/03/15 11:47	
Dichlorodifluoromethane	ug/L	<0.22	1.0	10/03/15 11:47	
Diisopropyl ether	ug/L	<0.50	1.0	10/03/15 11:47	

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QUALITY CONTROL DATA

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

METHOD BLANK: 1231798 Matrix: Water
Associated Lab Samples: 40122052011, 40122052012, 40122052013, 40122052014, 40122052015, 40122052016, 40122052017, 40122052018, 40122052019, 40122052020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.50	1.0	10/03/15 11:47	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	10/03/15 11:47	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	10/03/15 11:47	
m&p-Xylene	ug/L	<1.0	2.0	10/03/15 11:47	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	10/03/15 11:47	
Methylene Chloride	ug/L	<0.23	1.0	10/03/15 11:47	
n-Butylbenzene	ug/L	<0.50	1.0	10/03/15 11:47	
n-Propylbenzene	ug/L	<0.50	1.0	10/03/15 11:47	
Naphthalene	ug/L	<2.5	5.0	10/03/15 11:47	
o-Xylene	ug/L	<0.50	1.0	10/03/15 11:47	
p-Isopropyltoluene	ug/L	<0.50	1.0	10/03/15 11:47	
sec-Butylbenzene	ug/L	<2.2	5.0	10/03/15 11:47	
Styrene	ug/L	<0.50	1.0	10/03/15 11:47	
tert-Butylbenzene	ug/L	<0.18	1.0	10/03/15 11:47	
Tetrachloroethene	ug/L	<0.50	1.0	10/03/15 11:47	
Toluene	ug/L	<0.50	1.0	10/03/15 11:47	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	10/03/15 11:47	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	10/03/15 11:47	
Trichloroethene	ug/L	<0.33	1.0	10/03/15 11:47	
Trichlorofluoromethane	ug/L	<0.18	1.0	10/03/15 11:47	
Vinyl chloride	ug/L	<0.18	1.0	10/03/15 11:47	
4-Bromofluorobenzene (S)	%	105	70-130	10/03/15 11:47	
Dibromofluoromethane (S)	%	102	70-130	10/03/15 11:47	
Toluene-d8 (S)	%	105	70-130	10/03/15 11:47	

LABORATORY CONTROL SAMPLE: 1231799

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.6	109	70-130	
1,1,1,2-Tetrachloroethane	ug/L	50	50.3	101	70-130	
1,1,2-Trichloroethane	ug/L	50	55.2	110	70-130	
1,1-Dichloroethane	ug/L	50	54.0	108	70-130	
1,1-Dichloroethene	ug/L	50	48.1	96	70-130	
1,2,4-Trichlorobenzene	ug/L	50	46.2	92	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	49.1	98	50-150	
1,2-Dibromoethane (EDB)	ug/L	50	50.3	101	70-130	
1,2-Dichlorobenzene	ug/L	50	45.0	90	70-130	
1,2-Dichloroethane	ug/L	50	63.0	126	70-131	
1,2-Dichloropropane	ug/L	50	51.1	102	70-130	
1,3-Dichlorobenzene	ug/L	50	48.0	96	70-130	
1,4-Dichlorobenzene	ug/L	50	45.9	92	70-130	
Benzene	ug/L	50	50.1	100	70-130	
Bromodichloromethane	ug/L	50	55.6	111	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.: 40122052

LABORATORY CONTROL SAMPLE: 1231799

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	47.4	95	68-130	
Bromomethane	ug/L	50	36.5	73	38-137	
Carbon tetrachloride	ug/L	50	52.2	104	70-130	
Chlorobenzene	ug/L	50	47.8	96	70-130	
Chloroethane	ug/L	50	51.2	102	70-136	
Chloroform	ug/L	50	57.2	114	70-130	
Chloromethane	ug/L	50	40.6	81	48-144	
cis-1,2-Dichloroethene	ug/L	50	48.2	96	70-130	
cis-1,3-Dichloropropene	ug/L	50	51.5	103	70-130	
Dibromochloromethane	ug/L	50	49.1	98	70-130	
Dichlorodifluoromethane	ug/L	50	41.3	83	33-157	
Ethylbenzene	ug/L	50	55.2	110	70-132	
Isopropylbenzene (Cumene)	ug/L	50	54.6	109	70-130	
m&p-Xylene	ug/L	100	102	102	70-131	
Methyl-tert-butyl ether	ug/L	50	48.6	97	48-141	
Methylene Chloride	ug/L	50	50.9	102	70-130	
o-Xylene	ug/L	50	48.8	98	70-131	
Styrene	ug/L	50	53.2	106	70-130	
Tetrachloroethene	ug/L	50	50.4	101	70-130	
Toluene	ug/L	50	52.7	105	70-130	
trans-1,2-Dichloroethene	ug/L	50	50.0	100	70-130	
trans-1,3-Dichloropropene	ug/L	50	52.7	105	70-130	
Trichloroethene	ug/L	50	53.8	108	70-130	
Trichlorofluoromethane	ug/L	50	59.0	118	50-150	
Vinyl chloride	ug/L	50	43.5	87	65-142	
4-Bromofluorobenzene (S)	%			112	70-130	
Dibromofluoromethane (S)	%			107	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1231950 1231951

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40122095003	Result	Spike Conc.	Spike Conc.							
1,1,1-Trichloroethane	ug/L	<0.50	50	50	59.5	58.7	119	117	70-130	1	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	54.3	52.7	109	105	70-130	3	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	57.2	57.3	114	115	70-130	0	20	
1,1-Dichloroethane	ug/L	0.97J	50	50	57.2	56.3	112	111	70-134	2	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	49.5	48.8	99	98	70-139	1	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	49.5	47.0	99	94	70-130	5	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	52.0	48.2	104	96	50-150	8	20	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	54.1	53.1	108	106	70-130	2	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	47.4	47.1	95	94	70-130	1	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	66.7	66.9	133	134	70-132	0	20	M1
1,2-Dichloropropane	ug/L	<0.23	50	50	55.0	53.5	110	107	70-130	3	20	

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QUALITY CONTROL DATA

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Parameter	Units	40122095003		1231950		1231951		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
1,3-Dichlorobenzene	ug/L	<0.50	50	50	50.0	48.0	100	96	70-130	4	20			
1,4-Dichlorobenzene	ug/L	<0.50	50	50	48.5	48.3	97	97	70-130	0	20			
Benzene	ug/L	<0.50	50	50	52.7	53.1	105	106	70-130	1	20			
Bromodichloromethane	ug/L	<0.50	50	50	60.6	58.9	121	118	70-132	3	20			
Bromoform	ug/L	<0.50	50	50	49.3	48.4	99	97	68-130	2	20			
Bromomethane	ug/L	<2.4	50	50	41.8	43.4	84	87	38-141	4	20			
Carbon tetrachloride	ug/L	<0.50	50	50	55.1	55.9	110	112	70-130	1	20			
Chlorobenzene	ug/L	<0.50	50	50	50.6	49.5	101	99	70-130	2	20			
Chloroethane	ug/L	<0.37	50	50	55.7	51.9	111	104	66-152	7	20			
Chloroform	ug/L	<2.5	50	50	59.9	60.5	120	121	70-130	1	20			
Chloromethane	ug/L	<0.50	50	50	41.1	41.5	82	83	44-151	1	20			
cis-1,2-Dichloroethene	ug/L	15.3	50	50	66.7	65.3	103	100	70-130	2	20			
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	54.8	52.4	110	105	70-130	4	20			
Dibromochloromethane	ug/L	<0.50	50	50	53.4	53.2	107	106	70-130	0	20			
Dichlorodifluoromethane	ug/L	1.6	50	50	43.1	41.1	83	79	29-160	5	20			
Ethylbenzene	ug/L	<0.50	50	50	57.2	58.0	114	116	70-132	1	20			
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	55.9	55.3	112	111	70-130	1	20			
m&p-Xylene	ug/L	<1.0	100	100	104	103	104	103	70-131	1	20			
Methyl-tert-butyl ether	ug/L	<0.17	50	50	50.4	51.1	101	102	48-143	1	20			
Methylene Chloride	ug/L	<0.23	50	50	54.5	55.0	109	110	70-130	1	20			
o-Xylene	ug/L	<0.50	50	50	52.5	49.9	105	100	70-131	5	20			
Styrene	ug/L	<0.50	50	50	54.2	53.9	108	108	70-130	0	20			
Tetrachloroethene	ug/L	1.4	50	50	53.5	52.1	104	101	70-130	3	20			
Toluene	ug/L	<0.50	50	50	56.7	54.3	113	109	70-130	4	20			
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	50.9	53.1	102	106	70-132	4	20			
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	56.4	56.0	113	112	70-130	1	20			
Trichloroethene	ug/L	1.4	50	50	60.2	58.1	117	113	70-130	3	20			
Trichlorofluoromethane	ug/L	0.45J	50	50	60.3	57.4	120	114	50-153	5	20			
Vinyl chloride	ug/L	<0.18	50	50	42.4	44.4	85	89	60-155	5	20			
4-Bromofluorobenzene (S)	%						111	112	70-130					
Dibromofluoromethane (S)	%						108	110	70-130					
Toluene-d8 (S)	%						103	104	70-130					

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

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

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40122052001	SMW-1	EPA 8260	MSV/30455		
40122052002	SMW-2	EPA 8260	MSV/30455		
40122052003	SMW-3	EPA 8260	MSV/30455		
40122052004	SMW-4	EPA 8260	MSV/30455		
40122052005	SMW-5	EPA 8260	MSV/30455		
40122052006	SMW-6	EPA 8260	MSV/30455		
40122052007	SMW-7	EPA 8260	MSV/30455		
40122052008	SMW-8	EPA 8260	MSV/30455		
40122052009	SMW-9	EPA 8260	MSV/30455		
40122052010	SMW-10	EPA 8260	MSV/30455		
40122052011	SMW-11	EPA 8260	MSV/30456		
40122052012	SMW-12	EPA 8260	MSV/30456		
40122052013	SMW-13	EPA 8260	MSV/30456		
40122052014	SMW-14	EPA 8260	MSV/30456		
40122052015	MW-1	EPA 8260	MSV/30456		
40122052016	MW-2	EPA 8260	MSV/30456		
40122052017	MW-3	EPA 8260	MSV/30456		
40122052018	PZ-1	EPA 8260	MSV/30456		
40122052019	PZ-2	EPA 8260	MSV/30456		
40122052020	TRIP BLANK	EPA 8260	MSV/30456		

REPORT OF LABORATORY ANALYSIS

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(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: _____



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

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
 Sl = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Y/N	Pik Letter	Filtered?	Preservation Code
		DATE	TIME					
001	SMW-1	9/30	1450	6W	N	B		
002	SMW-2		1100					
003	SMW-3		1600					
004	SMW-4		1650					
005	SMW-5		1120					
006	SMW-6		1250					
007	SMW-7		1725					
008	SMW-8		1510					
009	SMW-9		1750					
010	SMW-10		1705					
011	SMW-11		1225					
012	SMW-12		1320					
013	SMW-13		1140					

Quote #: _____
Mail To Contact: **Ken Ebbott**
Mail To Company: **Fehr-Graham**
Mail To Address: **1237 Pilgrim Rd
 Plymouth, WI 53073**
Invoice To Contact: _____
Invoice To Company: _____
Invoice To Address: **70 FG
 Derf Pricing
 \$50/sample**
CLIENT COMMENTS: _____
LAB COMMENTS (Lab Use Only): **3-40mIVB**
Profile #: _____

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: <i>[Signature]</i>	Date/Time: 9/30/15	Received By: <i>[Signature]</i>	Date/Time: 10/15 1340
Relinquished By: <i>[Signature]</i>	Date/Time: 10/11/15 1515	Received By: <i>[Signature]</i>	Date/Time: 10/11/15 1515
Relinquished By: _____	Date/Time: _____	Received By: _____	Date/Time: _____
Relinquished By: _____	Date/Time: _____	Received By: _____	Date/Time: _____

PACE Project No.
40122052

Receipt Temp = **ROT** °C

Sample Receipt pH
 OK / Adjusted

Cooler Custody Seal
 Present / NOT Present
 Intact / Not Intact

(Please Print Clearly)



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

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 Schueneman
Sampled By (Sign): *Justin Schueneman*
PO #:
Regulatory Program:

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
 Sl = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Analysis Requested
		DATE	TIME		
014	SMW-14	9/30	1200	GW	NOC'S X
015	MW-1		1615		
016	MW-2		1340		
017	MW-3		1630		
018	PZ-1		1425		
019	PZ-2		1400		
020	① Trip Blank				

Quote #:

Mail To Contact: Ken Ebbott

Mail To Company: Fehr - Graham

Mail To Address: 1237. Pilgrim Rd
Plymouth, WI 53023

Invoice To Contact:

Invoice To Company:

Invoice To Address: C/O FG

Invoice To Phone:

CLIENT COMMENTS

LAB COMMENTS (Lab Use Only)

Profile #

3-40-1V B

2-40-1V B

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: *Justin Schueneman* **Date/Time:** 9/30/15

Relinquished By: *Melissa Venema* **Date/Time:** 10/1/15 1515

Relinquished By:

Relinquished By:

Relinquished By:

Received By: *Melissa Venema* **Date/Time:** 10-1-15 1340

Received By: *Carly Peet* **Date/Time:** 10/1/15 1515

Received By:

Received By:

Received By:

PACE Project No.
40122052

Receipt Temp = ROF °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present (Not Present)
Intact / Not Intact

① Trip Blank



Sample Condition Upon Receipt

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

Client Name: Fehr Graham

Project #: WO#: 40122052



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 N/A Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: /Corr: ROI Biological Tissue is Frozen: yes

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: 10/1/15
Initials: CB

Table with 15 rows of custody and sample condition checks. Includes items like Chain of Custody Present, Samples Arrived within Hold Time, and Sample Labels match COC. Includes handwritten notes like '002 x 1 vial no time, date, ID' and '80315-3CLL'.

Client Notification/ Resolution:
Person Contacted: _____ Date/Time: _____
Comments/ Resolution: _____

Project Manager Review: _____ Date: 10-2-15

FEHR GRAHAM

ENGINEERING & ENVIRONMENTAL

October 28, 2015

Sent by Mail and Email if Available

RE: Results of September 2015 Groundwater Sample from Your Property, Master Dry Cleaners DERF Site, 6326 W. Bluemound Road, Wauwatosa, WI, BRRTS # 02-41-545142

Dear Property Owner:

Fehr Graham, 1237 Pilgrim Road, Plymouth, WI (Sheboygan County) has been hired by Master Dry Cleaners (Mr. Harold Shipshock) to complete additional environmental investigation and remediation activities at the Master Dry Cleaners property referenced above.

This work includes a need to obtain groundwater samples from the existing site monitoring wells. A round of samples was obtained from all site monitoring wells in late September 2015.

The groundwater chemistry laboratory analytical report showing the result of the testing from your property is attached. Also attached is a table showing the historic results on the groundwater from your well, and a map showing the well locations for this project.

As noted previously, a release of the drycleaning solvent, tetrachloroethene (PCE) has been documented from the Master Cleaners property. Further action will be performed to address remaining PCE at the site.

The WDNR-approved remediation strategy includes treatment of the groundwater on the Master Cleaners property, followed by monitoring of the groundwater over time from the site monitoring well network. A permit has been requested from the WDNR to complete this work, anticipated to begin this fall. This round of sampling of groundwater was obtained to get current concentrations, which will serve as a baseline for comparison for the effectiveness of the treatment.

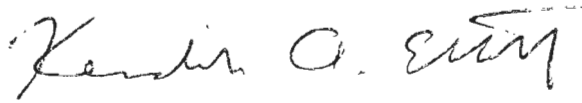
The results from your property indicate concentration of PCE and / or related breakdown products are present in the groundwater on your property above levels of concern. As shown on the table, comparison to the enforcement standards of NR 140 are shown by bold type for the various tested compounds. Several of the tested locations display one or more drycleaning related compounds in the groundwater at concentrations above the standards.

After treatment of the source area, we expect these concentrations in the groundwater to decrease over time. When the groundwater from the site and your property displays stable or declining concentrations of contaminants in groundwater over time, WDNR closure for the project can be pursued.

Thanks for your help on this project. You may see us around when the treatment is performed at the Master Drycleaner property, hopefully in the next month or two. The next round of groundwater samples to evaluate effectiveness will take place approximately three to six months after the treatment has been performed at the Master Cleaners property. When we get the next round of results from your property, another update displaying the findings will be provided.

In the meantime, if you have any questions, please give me a call.

Sincerely,

A handwritten signature in black ink that reads "Kendrick A. Ebbott". The signature is written in a cursive style with a large initial "K".

Kendrick A. Ebbott, P.G.
Branch Manager

Attachment: Laboratory Report
Table of Groundwater Results
WDNR Form 4400-249
Figure 1: Well Locations

October 06, 2015

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

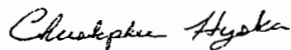
RE: Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Dear Ken Ebbott:

Enclosed are the analytical results for sample(s) received by the laboratory on October 01, 2015. 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@pacelabs.com
Project Manager

Enclosures

cc: Megan Hansen, Fehr Graham Engineering and
Environmental



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 15-1209 MASTER CLEANERS

Pace Project No.: 40122052

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 ID: 460263
Virginia VELAP Certification ID: 460263
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: SMW-10 Lab ID: 40122052010 Collected: 09/30/15 17:05 Received: 10/01/15 15:15 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		10/05/15 20:48	71-43-2	
Bromobenzene	<2.3	ug/L	10.0	2.3	10		10/05/15 20:48	108-86-1	
Bromochloromethane	<3.4	ug/L	10.0	3.4	10		10/05/15 20:48	74-97-5	
Bromodichloromethane	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	75-27-4	
Bromoform	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	75-25-2	
Bromomethane	<24.3	ug/L	50.0	24.3	10		10/05/15 20:48	74-83-9	
n-Butylbenzene	6.1J	ug/L	10.0	5.0	10		10/05/15 20:48	104-51-8	
sec-Butylbenzene	<21.9	ug/L	50.0	21.9	10		10/05/15 20:48	135-98-8	
tert-Butylbenzene	<1.8	ug/L	10.0	1.8	10		10/05/15 20:48	98-06-6	
Carbon tetrachloride	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	56-23-5	
Chlorobenzene	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	108-90-7	
Chloroethane	<3.7	ug/L	10.0	3.7	10		10/05/15 20:48	75-00-3	
Chloroform	<25.0	ug/L	50.0	25.0	10		10/05/15 20:48	67-66-3	
Chloromethane	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	74-87-3	
2-Chlorotoluene	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	95-49-8	
4-Chlorotoluene	<2.1	ug/L	10.0	2.1	10		10/05/15 20:48	106-43-4	
1,2-Dibromo-3-chloropropane	<21.6	ug/L	50.0	21.6	10		10/05/15 20:48	96-12-8	
Dibromochloromethane	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	124-48-1	
1,2-Dibromoethane (EDB)	<1.8	ug/L	10.0	1.8	10		10/05/15 20:48	106-93-4	
Dibromomethane	<4.3	ug/L	10.0	4.3	10		10/05/15 20:48	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:46	95-50-1	
1,3-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	541-73-1	
1,4-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	106-46-7	
Dichlorodifluoromethane	<2.2	ug/L	10.0	2.2	10		10/05/15 20:48	75-71-8	
1,1-Dichloroethane	<2.4	ug/L	10.0	2.4	10		10/05/15 20:48	75-34-3	
1,2-Dichloroethane	<1.7	ug/L	10.0	1.7	10		10/05/15 20:48	107-06-2	
1,1-Dichloroethene	<4.1	ug/L	10.0	4.1	10		10/05/15 20:48	75-35-4	
cis-1,2-Dichloroethene	777	ug/L	10.0	2.6	10		10/05/15 20:48	156-59-2	
trans-1,2-Dichloroethene	14.2	ug/L	10.0	2.6	10		10/05/15 20:48	156-60-5	
1,2-Dichloropropane	<2.3	ug/L	10.0	2.3	10		10/05/15 20:48	78-87-5	
1,3-Dichloropropane	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	142-28-9	
2,2-Dichloropropane	<4.8	ug/L	10.0	4.8	10		10/05/15 20:48	594-20-7	
1,1-Dichloropropene	<4.4	ug/L	10.0	4.4	10		10/05/15 20:48	563-58-6	
cis-1,3-Dichloropropene	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	10061-01-5	
trans-1,3-Dichloropropene	<2.3	ug/L	10.0	2.3	10		10/05/15 20:48	10061-02-6	
Diisopropyl ether	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	108-20-3	
Ethylbenzene	326	ug/L	10.0	5.0	10		10/05/15 20:48	100-41-4	
Hexachloro-1,3-butadiene	<21.1	ug/L	50.0	21.1	10		10/05/15 20:48	87-68-3	
Isopropylbenzene (Cumene)	18.8	ug/L	10.0	1.4	10		10/05/15 20:48	98-82-8	
p-Isopropyltoluene	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	99-87-6	
Methylene Chloride	<2.3	ug/L	10.0	2.3	10		10/05/15 20:48	75-09-2	
Methyl-tert-butyl ether	<1.7	ug/L	10.0	1.7	10		10/05/15 20:48	1634-04-4	
Naphthalene	54.2	ug/L	50.0	25.0	10		10/05/15 20:48	91-20-3	
n-Propylbenzene	40.9	ug/L	10.0	5.0	10		10/05/15 20:48	103-65-1	
Styrene	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	100-42-5	
1,1,1,2-Tetrachloroethane	<1.8	ug/L	10.0	1.8	10		10/05/15 20:48	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS

Pace Project No.: 40122052

Sample: **SMW-10** Lab ID: **40122052010** Collected: 09/30/15 17:05 Received: 10/01/15 15:15 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		10/05/15 20:48	79-34-5	
Tetrachloroethene	583	ug/L	10.0	5.0	10		10/05/15 20:48	127-18-4	
Toluene	65.5	ug/L	10.0	5.0	10		10/05/15 20:48	108-88-3	
1,2,3-Trichlorobenzene	<21.3	ug/L	50.0	21.3	10		10/05/15 20:48	87-61-6	
1,2,4-Trichlorobenzene	<22.1	ug/L	50.0	22.1	10		10/05/15 20:48	120-82-1	
1,1,1-Trichloroethane	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	71-55-6	
1,1,2-Trichloroethane	<2.0	ug/L	10.0	2.0	10		10/05/15 20:48	79-00-5	
Trichloroethene	363	ug/L	10.0	3.3	10		10/05/15 20:48	79-01-6	
Trichlorofluoromethane	<1.8	ug/L	10.0	1.8	10		10/05/15 20:48	75-69-4	
1,2,3-Trichloropropane	<5.0	ug/L	10.0	5.0	10		10/05/15 20:48	96-18-4	
1,2,4-Trimethylbenzene	454	ug/L	10.0	5.0	10		10/05/15 20:48	95-63-6	
1,3,5-Trimethylbenzene	32.7	ug/L	10.0	5.0	10		10/05/15 20:48	108-67-8	
Vinyl chloride	37.5	ug/L	10.0	1.8	10		10/05/15 20:48	75-01-4	
m&p-Xylene	688	ug/L	20.0	10.0	10		10/05/15 20:48	179601-23-1	
o-Xylene	107	ug/L	10.0	5.0	10		10/05/15 20:48	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		10/03/15 17:46	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		10/03/15 17:46	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		10/03/15 17:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Table 1
 Groundwater Analytical Table - VOC (518 64th St.)
 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					
				09/09/08	08/18/09	07/01/10	10/29/10	01/10/12	09/29/12
Date				678.23	677.94	680.07	677.51	678.29	678.29
Groundwater Elevation									
Benzene	(ug/L)	0.5	5	24.5 J	<20.5	<4	6.1	3.6	<5.1
Ethylbenzene	(ug/L)	140	700	2,470	105 J	12 J	296	390	326
Toluene	(ug/L)	160	800	1,140	53 J	37	65	120	65.1
Xylenes (TOTAL)	(ug/L)	400	2,000	8,730	699	90	770	1,237	795
m&p-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	688
o-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	107
Naphthalene	(ug/L)	10	100	312	<85	<12	61	107	54.1
MTBE	(ug/L)	12	60	<35	<25	<4.9	<0.49	<0.47	<1.1
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	1,880	270	27.2	370	490	45.1
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	470	84 J	16.7 J	57	131	32.1
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	96	480	2,350	354	43.9	427	621	486.1
Tetrachloroethene (PCE)	(ug/L)	0.5	5	7,700	440	--	--	--	58.1
Trichloroethene (TCE)	(ug/L)	0.5	5	139	<19.5	--	--	--	36.1
cis-1,2-Dichloroethene	(ug/L)	7	70	<22	<34	--	--	--	77.1
trans-1,2-Dichloroethene	(ug/L)	20	100	<30.5	<30.5	--	--	--	14.1
Vinyl Chloride	(ug/L)	0.02	0.2	<10	<10	--	--	--	37.1
Methylene Chloride	(ug/L)	0.5	5	<49.5	<75	--	--	--	<2.1
Bromobenzene	(ug/L)	NS	NS	<22	<21.5	--	--	--	<2.1
Bromochloromethane	(ug/L)	NS	NS	NR	NR	--	--	--	<3.1
Bromodichloromethane	(ug/L)	0.06	0.6	<15	<20.5	--	--	--	<5.1
Bromoform	(ug/L)	0.44	4.4	<35	<23	--	--	--	<5.1
Bromomethane	(ug/L)	1	10	NR	NR	--	--	--	<24.1
n-Butylbenzene	(ug/L)	NS	NS	66 J	<75	--	--	--	6.1
sec-Butylbenzene	(ug/L)	NS	NS	<36.5	<21.5	--	--	--	<21.1
tert-Butylbenzene	(ug/L)	NS	NS	<16	<23	--	--	--	<1.1
Carbon Tetrachloride	(ug/L)	0.5	5	<15	<21	--	--	--	<5.1
Chlorobenzene	(ug/L)	NS	NS	<19.5	<19.5	--	--	--	<5.1
Chloroethane	(ug/L)	80	400	<48.5	<75	--	--	--	<3.1
Chloroform	(ug/L)	0.6	6	<23.5	<24	--	--	--	<25.1
Chloromethane	(ug/L)	3	30	<25	<25	--	--	--	<5.1
2-Chlorotoluene	(ug/L)	NS	NS	<20.5	<18.5	--	--	--	<5.1
4-Chlorotoluene	(ug/L)	NS	NS	<15	<31.5	--	--	--	<2.1
1,2-Dibromo-3-chloropropane	(ug/L)	0.02	0.2	<85	<100	--	--	--	<21.1
Dibromochloromethane	(ug/L)	6	60	<20	<38	--	--	--	<5.1
1,2-Dibromoethane (EDB)	(ug/L)	0.005	0.05	<38	<26	--	--	--	<1.1
Dibromomethane	(ug/L)	NS	NS	NR	NR	--	--	--	<4.1
1,2-Dichlorobenzene	(ug/L)	60	600	<44	<33	--	--	--	<0.1
1,3-Dichlorobenzene	(ug/L)	120	600	<33.5	<17	--	--	--	<5.1
1,4-Dichlorobenzene	(ug/L)	15	75	<37	<38.5	--	--	--	<5.1
Dichlorodifluoromethane	(ug/L)	200	1,000	<38	<22.5	--	--	--	<2.1
1,1-Dichloroethane	(ug/L)	85	850	<29.5	<22	--	--	--	<2.1
1,2-Dichloroethane	(ug/L)	0.5	5	<20.5	<21.5	--	--	--	<1.1
1,1-Dichloroethene	(ug/L)	0.7	7	<25	<23.5	--	--	--	<4.1
1,2-Dichloropropane	(ug/L)	0.5	5	<13.5	<13	--	--	--	<2.1
1,3-Dichloropropane	(ug/L)	NS	NS	<20	<24.5	--	--	--	<5.1

Notice: This form may be used to comply with the requirements of s. NR 716.14 (2), Wis. Adm. Code; however, use of this form is not required. An alternate format may be used. The rule requires that notification be provided to 1) property owners when someone else is conducting the sampling, 2) to occupants of property belonging to the responsible person, and 3) to owners and occupants of property that does not belong to the responsible person but has been affected by contamination arising on his or her property. Notification is required within 10 business days of receiving the sample results. Personal information collected will be used for program administration and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

NOTE: Under s. NR 716.14, Wis. Adm. Code, the responsible party must also submit sample results and other required information to the DNR. We recommend that copies of the sample results notifications be included with that submittal, along with all attachments. Using the same format used for data presentation for a closure request may be helpful to all parties. See s. NR 716.14, Wis. Adm. Code for the full list of information to be submitted to the DNR.

Notification of Property Owners and Occupants:

This notification form has been provided to you in order to provide the results of environmental sampling that has been conducted on property that you own or occupy. Samples were collected in accordance with the methods identified in the site investigation work plan, in accordance with s. NR. 716.09 and 716.13, Wis. Adm. Code. This sampling was conducted as a result of contamination originating at the following location.

Site Information			
Site Name		DNR ID # (BRRTS #)	
Master Drycleaning Inc		02-41-545142	
Address	City	State	ZIP Code
6326 Bluemound Road	Wauwatosa	WI	53213

Responsible Party

The person(s) responsible for completing this environmental investigation is:

Property Owner

Master Drycleaning Inc.

Address	City	State	ZIP Code
6326 Bluemound Road	Wauwatosa	WI	53213

Contact Person	Phone Number (include area code)
Mr. Harold Shipshock / Tom Shipshock son	(414) 313-9168

Person or company that collected samples

Fehr-Graham Inc.

Sample Results (Results Attached)

Reason for Sampling: Routine Other (define) Pre-Treatment Baseline Monitoring

The contaminants that have been identified at this time on property that you own or occupy include:

Contaminant	In Soil?		In Groundwater?	
	Yes	No	Yes	No
Gasoline	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Diesel or Fuel Oil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Solvents	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Heavy Metals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pesticides	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

This sampling event included sampling of a drinking water well.

Yes No

If yes, the sampled drinking water well had detectable contaminants.

Yes No

	Contaminants in Vapor	
	Yes	No
Indoor Air	<input type="radio"/>	<input type="radio"/>
Sub-slab	<input type="radio"/>	<input type="radio"/>
Exterior Soil Gas	<input type="radio"/>	<input type="radio"/>

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

Page 2 of 2

Attached are:

- A map that shows the locations from which samples were collected. (The map needs to meet the requirements of s. NR 716.15 (4), Wis. Adm. Code.)
- A data table with specific contaminant levels at each sample location and whether or not the sample results exceed state standards.
- A copy of the laboratory results.

You are not identified as the person that is responsible for this contamination. However, your cooperation is important. Property owners may become legally responsible for contamination if they do not allow access to the person that is responsible so that person may complete the environmental investigation and clean up activities.

Option for written exemption: You have the option of requesting a written liability exemption from the DNR for contamination that originated on another property, or on property that you lease. To do this, you must present an adequate environmental assessment of your property and pay a \$700 fee for review of this information. If you are interested in this option, please see DNR publication # RR 589, "When Contamination Crosses a Property Line - Rights and Responsibilities of Property Owners", available at: dnr.wi.gov/files/PDF/pubs/rr/rr589.pdf.

Contact Information

Please address questions regarding this notification, or requests for additional information to the contact person listed above, or to one of the following contacts:

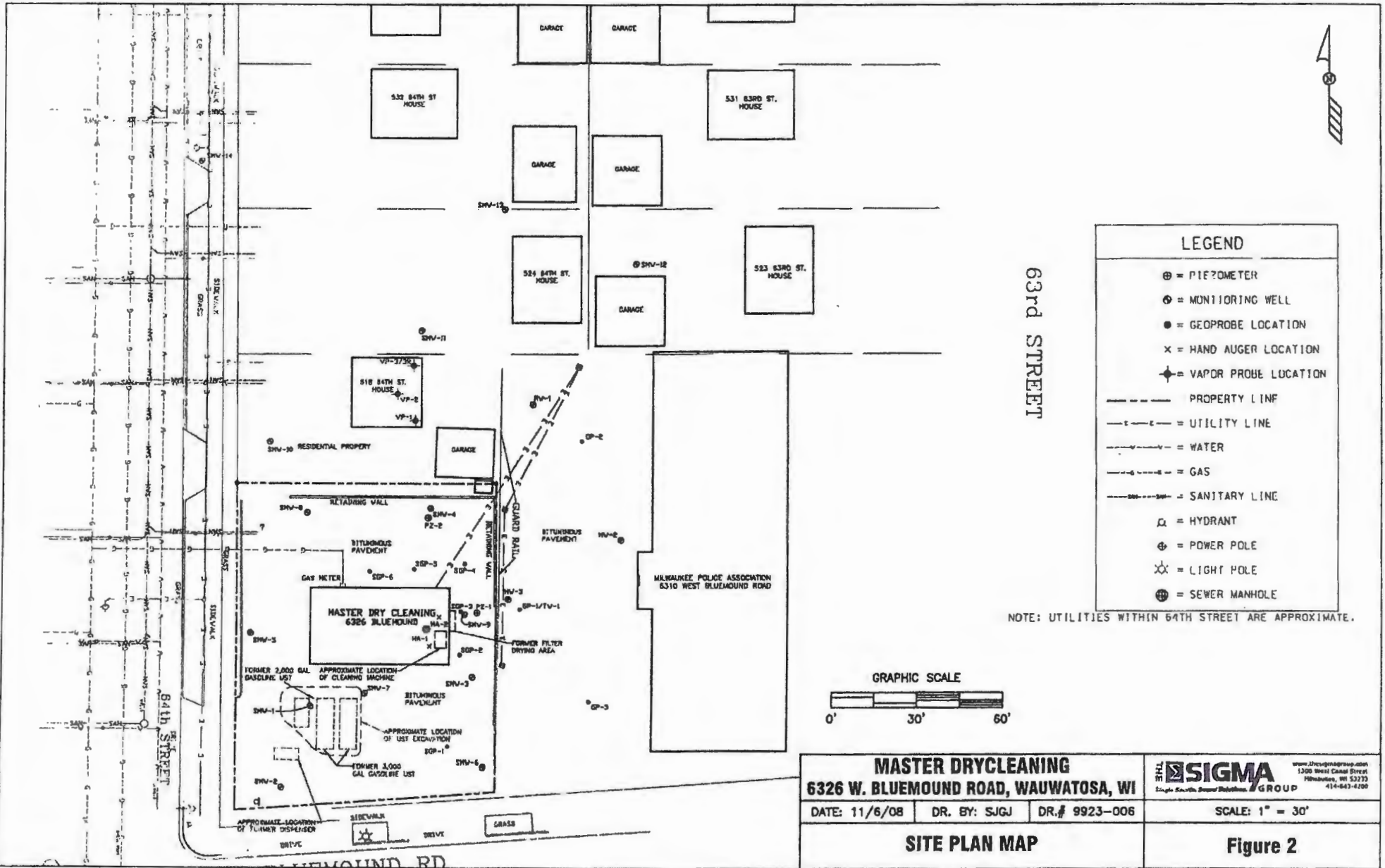
Environmental Consultant

Company Name		Contact Person Last Name	First Name	
Fehr-Graham Inc.		Ebbott	Kendrick	
Address		City	State	ZIP Code
1237 Pilgrim Road		Plymouth	WI	53073
Phone # (inc. area code)	Email			
(920) 892-2444	Kebott@fehr-graham.com			

Select which agency: Natural Resources Agriculture, Trade and Consumer Protection

State of Wisconsin Department of Natural Resources

Contact Person Last Name		First Name	Phone # (inc. area code)	
Hnat		John	(414) 263-8644	
Address		City	State	ZIP Code
2300 N. Dr. Martin Luther King Jr. Drive		Milwaukee	WI	53212
Email				
John.Hnat@Wisconsin.gov				

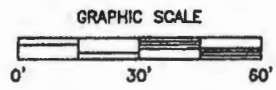


63rd STREET

LEGEND

- ⊕ = PIEZOMETER
- ⊙ = MONITORING WELL
- = GEOPROBE LOCATION
- x = HAND AUGER LOCATION
- ⊛ = VAPOR PROBE LOCATION
- = PROPERTY LINE
- - - = UTILITY LINE
- |—|— = WATER
- |—|— = GAS
- |—|— = SANITARY LINE
- ⊕ = HYDRANT
- ⊕ = POWER POLE
- ⊙ = LIGHT POLE
- ⊕ = SEWER MANHOLE

NOTE: UTILITIES WITHIN 64TH STREET ARE APPROXIMATE.



MASTER DRYCLEANING				www.thesigmagroup.com 1300 West Canal Street Milwaukee, WI 53233 414-643-4200
6326 W. BLUEMOUND ROAD, WAUWATOSA, WI				
DATE: 11/6/08	DR. BY: SJGJ	DR.# 9923-006	SCALE: 1" = 30'	
SITE PLAN MAP			Figure 2	

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL

October 28, 2015

Sent by Mail and Email if Available

RE: Results of September 2015 Groundwater Sample from Your Property, Master Dry Cleaners DERF Site, 6326 W. Bluemound Road, Wauwatosa, WI, BRRTS # 02-41-545142

Dear Property Owner:

Fehr Graham, 1237 Pilgrim Road, Plymouth, WI (Sheboygan County) has been hired by Master Dry Cleaners (Mr. Harold Shipshock) to complete additional environmental investigation and remediation activities at the Master Dry Cleaners property referenced above.

This work includes a need to obtain groundwater samples from the existing site monitoring wells. A round of samples was obtained from all site monitoring wells in late September 2015.

The groundwater chemistry laboratory analytical report showing the result of the testing from your property is attached. Also attached is a table showing the historic results on the groundwater from your well, and a map showing the well locations for this project.

As noted previously, a release of the drycleaning solvent, tetrachloroethene (PCE) has been documented from the Master Cleaners property. Further action will be performed to address remaining PCE at the site.

The WDNR-approved remediation strategy includes treatment of the groundwater on the Master Cleaners property, followed by monitoring of the groundwater over time from the site monitoring well network. A permit has been requested from the WDNR to complete this work, anticipated to begin this fall. This round of sampling of groundwater was obtained to get current concentrations, which will serve as a baseline for comparison for the effectiveness of the treatment.

The results from your property indicate concentration of PCE and / or related breakdown products are present in the groundwater on your property above levels of concern. As shown on the table, comparison to the enforcement standards of NR 140 are shown by bold type for the various tested compounds. Several of the tested locations display one or more drycleaning related compounds in the groundwater at concentrations above the standards.

After treatment of the source area, we expect these concentrations in the groundwater to decrease over time. When the groundwater from the site and your property displays stable or declining concentrations of contaminants in groundwater over time, WDNR closure for the project can be pursued.

Thanks for your help on this project. You may see us around when the treatment is performed at the Master Drycleaner property, hopefully in the next month or two. The next round of groundwater samples to evaluate effectiveness will take place approximately three to six months after the treatment has been performed at the Master Cleaners property. When we get the next round of results from your property, another update displaying the findings will be provided.

In the meantime, if you have any questions, please give me a call.

Sincerely,



Kendrick A. Ebbott, P.G.
Branch Manager

Attachment: Laboratory Report
Table of Groundwater Results
WDNR Form 4400-249
Figure 1: Well Locations

Table 1
Groundwater Analytical Table - VOC (523 63rd St.)
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-12		
Date	09/09/08			08/18/09	09/29/15	
Groundwater Elevation				678.64	677.78	678.38
Benzene	(ug/L)	0.5	5	<0.24	<0.41	<0.50
Ethylbenzene	(ug/L)	140	700	<0.35	<0.87	<0.50
Toluene	(ug/L)	160	800	<0.39	<0.51	<0.50
Xylenes (TOTAL)	(ug/L)	400	2,000	<1.67	<2.13	<1.5
m&p-Xylene	(ug/L)	NS	NS	NR	NR	<1.0
o-Xylene	(ug/L)	NS	NS	NR	NR	<0.50
Naphthalene	(ug/L)	10	100	<1.8	<1.7	<2.5
MTBE	(ug/L)	12	60	<0.7	<0.5	<0.17
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	<0.51	<1.1	<0.50
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	<0.23	<1.5	<0.50
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	96	480	<0.74	<2.6	<1.0
Tetrachloroethene (PCE)	(ug/L)	0.5	5	0.75 J	<0.42	<0.50
Trichloroethene (TCE)	(ug/L)	0.5	5	<0.47	<0.39	<0.33
cis-1,2-Dichloroethene	(ug/L)	7	70	<0.44	<0.68	1.9
trans-1,2-Dichloroethene	(ug/L)	20	100	<0.61	<0.61	<0.26
Vinyl Chloride	(ug/L)	0.02	0.2	0.59 J	1.2	5.8
Methylene Chloride	(ug/L)	0.5	5	<0.99	<1.5	<0.23
Bromobenzene	(ug/L)	NS	NS	<0.44	<0.43	<0.23
Bromochloromethane	(ug/L)	NS	NS	NR	NR	<0.34
Bromodichloromethane	(ug/L)	0.06	0.6	<0.3	<0.41	<0.50
Bromoform	(ug/L)	0.44	4.4	<0.7	<0.46	<0.50
Bromomethane	(ug/L)	1	10	NR	NR	<2.4
n-Butylbenzene	(ug/L)	NS	NS	<0.55	<1.5	<0.50
sec-Butylbenzene	(ug/L)	NS	NS	<0.73	<0.43	<2.2
tert-Butylbenzene	(ug/L)	NS	NS	<0.32	<0.46	<0.18
Carbon Tetrachloride	(ug/L)	0.5	5	<0.3	<0.43	<0.50
Chlorobenzene	(ug/L)	NS	NS	<0.39	<0.39	<0.50
Chloroethane	(ug/L)	80	400	<0.97	<1.5	<0.37
Chloroform	(ug/L)	0.6	6	<0.47	<0.48	<2.5
Chloromethane	(ug/L)	3	30	<0.5	<0.5	<0.50
2-Chlorotoluene	(ug/L)	NS	NS	<0.41	<0.37	<0.50
4-Chlorotoluene	(ug/L)	NS	NS	<0.3	<0.63	<0.21
1,2-Dibromo-3-chloropropane	(ug/L)	0.02	0.2	<1.7	<2	<2.2
Dibromochloromethane	(ug/L)	6	60	<0.4	<0.76	<0.50
1,2-Dibromoethane (EDB)	(ug/L)	0.005	0.05	<0.76	<0.52	<0.18
Dibromomethane	(ug/L)	NS	NS	NR	NR	<0.43
1,2-Dichlorobenzene	(ug/L)	60	600	<0.88	<0.66	<0.50
1,3-Dichlorobenzene	(ug/L)	120	600	<0.67	<0.34	<0.50
1,4-Dichlorobenzene	(ug/L)	15	75	<0.74	<0.77	<0.50
Dichlorodifluoromethane	(ug/L)	200	1,000	<0.76	<0.45	<0.22
1,1-Dichloroethane	(ug/L)	85	850	<0.59	<0.44	<0.24
1,2-Dichloroethane	(ug/L)	0.5	5	<0.41	<0.43	<0.17
1,1-Dichloroethene	(ug/L)	0.7	7	<0.5	<0.47	<0.41
1,2-Dichloropropane	(ug/L)	0.5	5	<0.27	<0.26	<0.23
1,3-Dichloropropane	(ug/L)	NS	NS	<0.4	<0.40	<0.50

October 06, 2015

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

RE: Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Dear Ken Ebbott:

Enclosed are the analytical results for sample(s) received by the laboratory on October 01, 2015. 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@pacelabs.com
Project Manager

Enclosures

cc: Megan Hansen, Fehr Graham Engineering and
Environmental



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

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 ID: 460263
Virginia VELAP Certification ID: 460263
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS

Pace Project No.: 40122052

Sample: SMW-12 Lab ID: 40122052012 Collected: 09/30/15 13:20 Received: 10/01/15 15:15 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		10/03/15 16:09	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/03/15 16:09	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/03/15 16:09	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/03/15 16:09	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 16:09	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/03/15 16:09	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/03/15 16:09	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/03/15 16:09	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/03/15 16:09	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/03/15 16:09	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/03/15 16:09	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/03/15 16:09	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/03/15 16:09	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/03/15 16:09	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/03/15 16:09	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/03/15 16:09	75-35-4	
cis-1,2-Dichloroethene	1.9	ug/L	1.0	0.26	1		10/03/15 16:09	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/03/15 16:09	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/03/15 16:09	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/03/15 16:09	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/03/15 16:09	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/03/15 16:09	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/03/15 16:09	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/03/15 16:09	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/03/15 16:09	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/03/15 16:09	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/03/15 16:09	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/03/15 16:09	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: SMW-12 Lab ID: 40122052012 Collected: 09/30/15 13:20 Received: 10/01/15 15:15 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		10/03/15 16:09	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		10/05/15 08:39	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/03/15 16:09	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 16:09	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/03/15 16:09	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		10/03/15 16:09	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/03/15 16:09	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	108-67-8	
Vinyl chloride	5.8	ug/L	1.0	0.18	1		10/03/15 16:09	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/03/15 16:09	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:09	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		10/05/15 08:39	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		10/05/15 08:39	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		10/05/15 08:39	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Notice: This form may be used to comply with the requirements of s. NR 716.14 (2), Wis. Adm. Code; however, use of this form is not required. An alternate format may be used. The rule requires that notification be provided to 1) property owners when someone else is conducting the sampling, 2) to occupants of property belonging to the responsible person, and 3) to owners and occupants of property that does not belong to the responsible person but has been affected by contamination arising on his or her property. Notification is required within 10 business days of receiving the sample results. Personal information collected will be used for program administration and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

NOTE: Under s. NR 716.14, Wis. Adm. Code, the responsible party must also submit sample results and other required information to the DNR. We recommend that copies of the sample results notifications be included with that submittal, along with all attachments. Using the same format used for data presentation for a closure request may be helpful to all parties. See s. NR 716.14, Wis. Adm. Code for the full list of information to be submitted to the DNR.

Notification of Property Owners and Occupants:

This notification form has been provided to you in order to provide the results of environmental sampling that has been conducted on property that you own or occupy. Samples were collected in accordance with the methods identified in the site investigation work plan, in accordance with s. NR. 716.09 and 716.13, Wis. Adm. Code. This sampling was conducted as a result of contamination originating at the following location.

Site Information			
Site Name		DNR ID # (DRRTO #)	
Master Drycleaning Inc		02-41-545142	
Address	City	State	ZIP Code
6326 Bluemound Road	Wauwatosa	WI	53213

Responsible Party

The person(s) responsible for completing this environmental investigation is:

Property Owner			
Master Drycleaning Inc.			
Address	City	State	ZIP Code
6326 Bluemound Road	Wauwatosa	WI	53213
Contact Person	Phone Number (include area code)		
Mr. Harold Shipshock / Tom Shipshock son	(414) 313-9168		

Person or company that collected samples

Fehr-Graham Inc.

Sample Results (Results Attached)

Reason for Sampling: Routine Other (define) Pre-Treatment Baseline Monitoring

The contaminants that have been identified at this time on property that you own or occupy include:

Contaminant	In Soil?		In Groundwater?	
	Yes	No	Yes	No
Gasoline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Diesel or Fuel Oil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Solvents	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Heavy Metals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pesticides	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

This sampling event included sampling of a drinking water well.

Yes No

If yes, the sampled drinking water well had detectable contaminants.

Yes No

	Contaminants in Vapor	
	Yes	No
Indoor Air	<input type="radio"/>	<input type="radio"/>
Sub-slab	<input type="radio"/>	<input type="radio"/>
Exterior Soil Gas	<input type="radio"/>	<input type="radio"/>

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

Page 2 of 2

Attached are:

- A map that shows the locations from which samples were collected. (The map needs to meet the requirements of s. NR 716.15 (4), Wis. Adm. Code.)
- A data table with specific contaminant levels at each sample location and whether or not the sample results exceed state standards.
- A copy of the laboratory results.

You are not identified as the person that is responsible for this contamination. However, your cooperation is important. Property owners may become legally responsible for contamination if they do not allow access to the person that is responsible so that person may complete the environmental investigation and clean up activities.

Option for written exemption: You have the option of requesting a written liability exemption from the DNR for contamination that originated on another property, or on property that you lease. To do this, you must present an adequate environmental assessment of your property and pay a \$700 fee for review of this information. If you are interested in this option, please see DNR publication # RR 589, "When Contamination Crosses a Property Line - Rights and Responsibilities of Property Owners", available at: dnr.wi.gov/files/PDF/pubs/rr/rr589.pdf.

Contact Information

Please address questions regarding this notification, or requests for additional information to the contact person listed above, or to one of the following contacts:

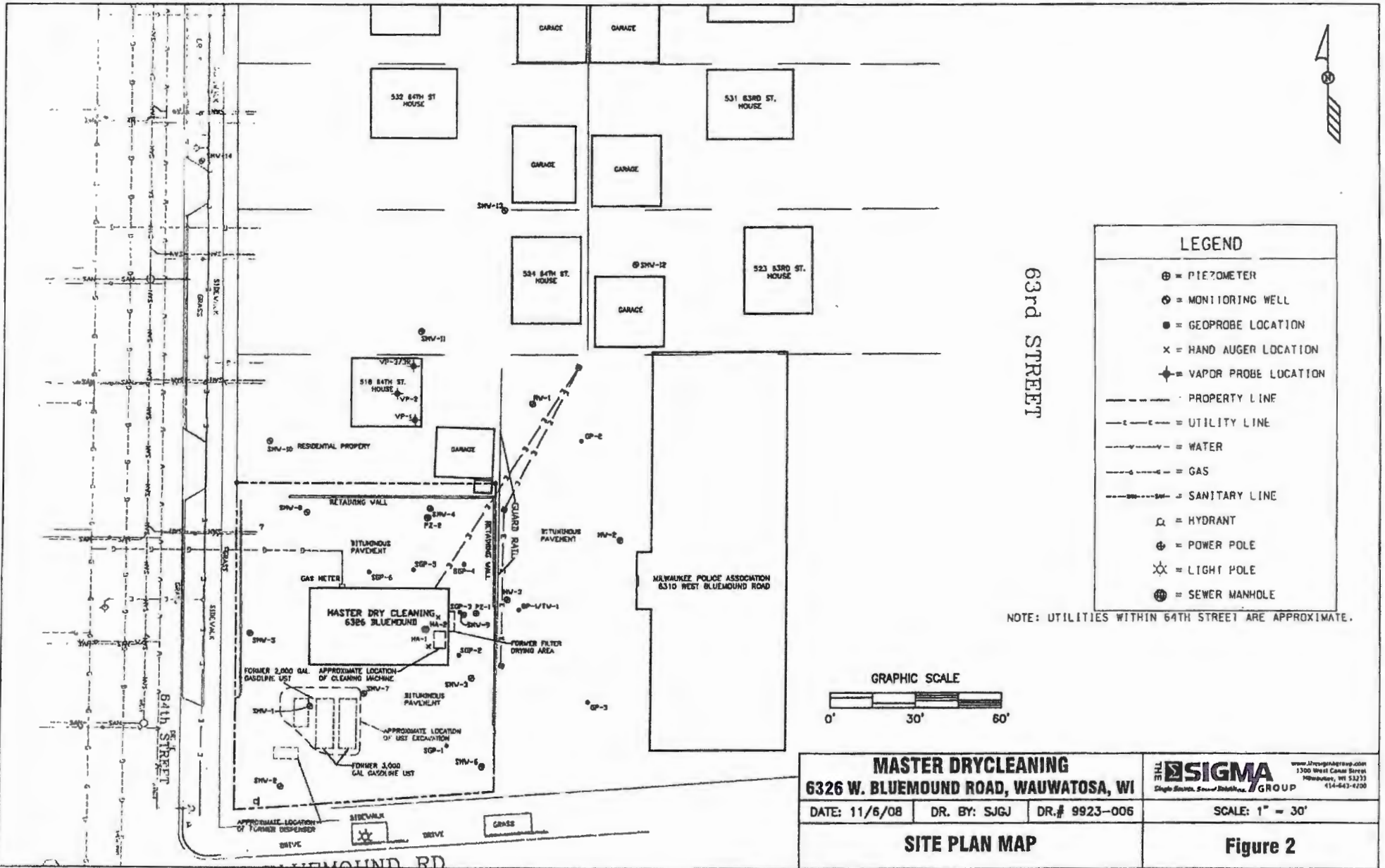
Environmental Consultant

Company Name		Contact Person Last Name	First Name	
Fehr-Graham Inc.		Ebbott	Kendrick	
Address		City	State	ZIP Code
1237 Pilgrim Road		Plymouth	WI	53073
Phone # (inc. area code)	Email			
(920) 892-2444	Kebbott@fehr-graham.com			

Select which agency: Natural Resources Agriculture, Trade and Consumer Protection

State of Wisconsin Department of Natural Resources

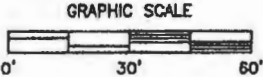
Contact Person Last Name	First Name	Phone # (inc. area code)	
Hnat	John	(414) 263-8644	
Address	City	State	ZIP Code
2300 N. Dr. Martin Luther King Jr. Drive	Milwaukee	WI	53212
Email			
John.Hnat@Wisconsin.gov			



LEGEND

- ⊕ = PIEZOMETER
- ⊙ = MONITORING WELL
- = GEOPROBE LOCATION
- × = HAND AUGER LOCATION
- ⚡ = VAPOR PROBE LOCATION
- = PROPERTY LINE
- - - = UTILITY LINE
- = WATER
- - - = GAS
- - - = SANITARY LINE
- ⊕ = HYDRANT
- ⊕ = POWER POLE
- ⊕ = LIGHT POLE
- ⊕ = SEWER MANHOLE

NOTE: UTILITIES WITHIN 64TH STREET ARE APPROXIMATE.



MASTER DRYCLEANING			www.jhrovingrad.com 1300 West Canal Street Milwaukee, WI 53233 (414) 643-4200
6326 W. BLUEMOUND ROAD, WAUWATOSA, WI			
DATE: 11/6/08	DR. BY: SJGJ	DR.# 9923-006	SCALE: 1" = 30'
SITE PLAN MAP			Figure 2

FEHR GRAHAM

ENGINEERING & ENVIRONMENTAL

October 28, 2015

Sent by Mail and Email if Available

RE: Results of September 2015 Groundwater Sample from Your Property, Master Dry Cleaners DERF Site, 6326 W. Bluemound Road, Wauwatosa, WI, BRRTS # 02-41-545142

Dear Property Owner:

Fehr Graham, 1237 Pilgrim Road, Plymouth, WI (Sheboygan County) has been hired by Master Dry Cleaners (Mr. Harold Shipshock) to complete additional environmental investigation and remediation activities at the Master Dry Cleaners property referenced above.

This work includes a need to obtain groundwater samples from the existing site monitoring wells. A round of samples was obtained from all site monitoring wells in late September 2015.

The groundwater chemistry laboratory analytical report showing the result of the testing from your property is attached. Also attached is a table showing the historic results on the groundwater from your well, and a map showing the well locations for this project.

As noted previously, a release of the drycleaning solvent, tetrachloroethene (PCE) has been documented from the Master Cleaners property. Further action will be performed to address remaining PCE at the site.

The WDNR-approved remediation strategy includes treatment of the groundwater on the Master Cleaners property, followed by monitoring of the groundwater over time from the site monitoring well network. A permit has been requested from the WDNR to complete this work, anticipated to begin this fall. This round of sampling of groundwater was obtained to get current concentrations, which will serve as a baseline for comparison for the effectiveness of the treatment.

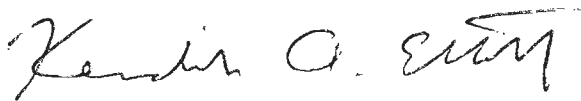
The results from your property indicate concentration of PCE and / or related breakdown products are present in the groundwater on your property above levels of concern. As shown on the table, comparison to the enforcement standards of NR 140 are shown by bold type for the various tested compounds. Several of the tested locations display one or more drycleaning related compounds in the groundwater at concentrations above the standards.

After treatment of the source area, we expect these concentrations in the groundwater to decrease over time. When the groundwater from the site and your property displays stable or declining concentrations of contaminants in groundwater over time, WDNR closure for the project can be pursued.

Thanks for your help on this project. You may see us around when the treatment is performed at the Master Drycleaner property, hopefully in the next month or two. The next round of groundwater samples to evaluate effectiveness will take place approximately three to six months after the treatment has been performed at the Master Cleaners property. When we get the next round of results from your property, another update displaying the findings will be provided.

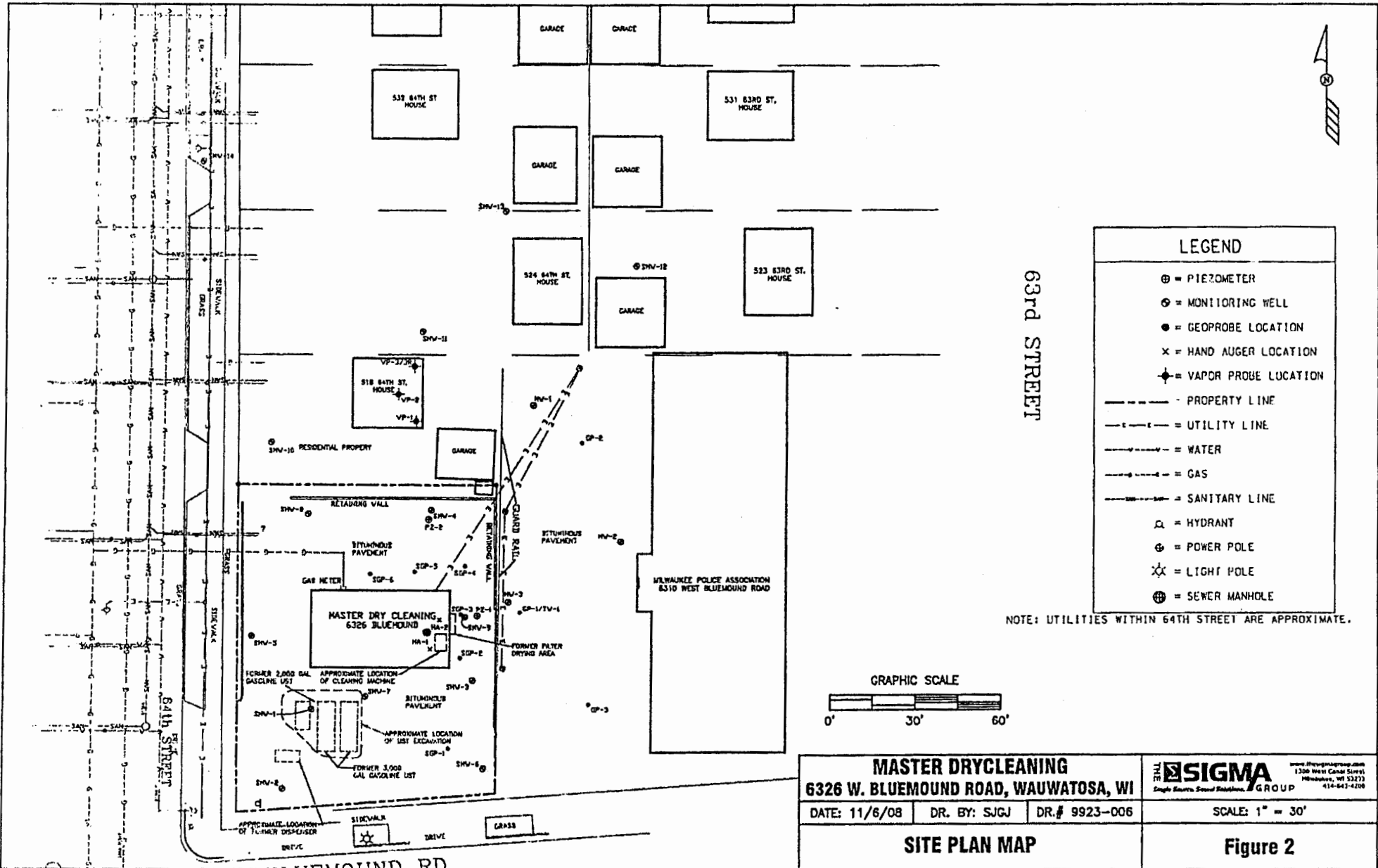
In the meantime, if you have any questions, please give me a call.

Sincerely,



Kendrick A. Ebbott, P.G.
Branch Manager

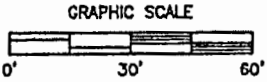
Attachment: Laboratory Report
Table of Groundwater Results
WDNR Form 4400-249
Figure 1: Well Locations



LEGEND

- ⊕ = PIEZOMETER
- ⊙ = MONITORING WELL
- = GEOPROBE LOCATION
- × = HAND AUGER LOCATION
- ⊕ = VAPOR PROBE LOCATION
- = PROPERTY LINE
- - - = UTILITY LINE
- = WATER
- - - = GAS
- = SANITARY LINE
- ⊕ = HYDRANT
- ⊕ = POWER POLE
- ⊕ = LIGHT POLE
- ⊕ = SEWER MANHOLE

NOTE: UTILITIES WITHIN 64TH STREET ARE APPROXIMATE.



MASTER DRYCLEANING			<p style="font-size: small;">www.sigmagroup.com 1300 West Canal Street Milwaukee, WI 53233 Single Source, Sound Solutions, G GROUP 414-647-4200</p>
6326 W. BLUEMOUND ROAD, WAUWATOSA, WI			
DATE: 11/6/08	DR. BY: SJGJ	DR.# 9923-006	SCALE: 1" = 30'
SITE PLAN MAP			Figure 2

Table 1

Groundwater Analytical Table - VOC (524 64th St.)

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		
Date				09/09/08	08/18/09	09/29/15
Groundwater Elevation				678.76	678.13	678.46
Benzene	(ug/L)	0.5	5	<4.8	<8.2	<0.50
Ethylbenzene	(ug/L)	140	700	<7	<17.4	<0.50
Toluene	(ug/L)	160	800	<7.8	<10.2	<0.50
Xylenes (TOTAL)	(ug/L)	400	2,000	<33.4	<42.6	<1.5
m&p-Xylene	(ug/L)	NS	NS	NR	NR	<1.0
o-Xylene	(ug/L)	NS	NS	NR	NR	<0.50
Naphthalene	(ug/L)	10	100	<36	<34	<2.5
MTBE	(ug/L)	12	60	<14	<10	<0.17
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	10.6 J	<22	<0.50
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	<4.6	<30	<0.50
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	96	480	10.6	<52	<1.0
Tetrachloroethene (PCE)	(ug/L)	0.5	5	266	205	268
Trichloroethene (TCE)	(ug/L)	0.5	5	220	133	96.8
cis-1,2-Dichloroethene	(ug/L)	7	70	90	57	63.6
trans-1,2-Dichloroethene	(ug/L)	20	100	<12.2	<12.2	<0.26
Vinyl Chloride	(ug/L)	0.02	0.2	<4	<4	77.0
Methylene Chloride	(ug/L)	0.5	5	<19.8	<30	<0.23
Bromobenzene	(ug/L)	NS	NS	<8.8	<8.6	<0.23
Bromochloromethane	(ug/L)	NS	NS	NR	NR	<0.34
Bromodichloromethane	(ug/L)	0.06	0.6	<6	<8.2	<0.50
Bromoform	(ug/L)	0.44	4.4	<14	<9.2	<0.50
Bromomethane	(ug/L)	1	10	NR	NR	<2.4
n-Butylbenzene	(ug/L)	NS	NS	<11	<30	<0.50
sec-Butylbenzene	(ug/L)	NS	NS	<14.6	<8.6	<2.2
tert-Butylbenzene	(ug/L)	NS	NS	<6.4	<9.2	<0.18
Carbon Tetrachloride	(ug/L)	0.5	5	<6	<8.6	<0.50
Chlorobenzene	(ug/L)	NS	NS	<7.8	<7.8	<0.50
Chloroethane	(ug/L)	80	400	<19.4	<30	<0.37
Chloroform	(ug/L)	0.6	6	<9.4	<9.6	<2.5
Chloromethane	(ug/L)	3	30	<10	<10	<0.50
2-Chlorotoluene	(ug/L)	NS	NS	<8.2	<7.4	<0.50
4-Chlorotoluene	(ug/L)	NS	NS	<6	<12.6	<0.21
1,2-Dibromo-3-chloropropane	(ug/L)	0.02	0.2	<34	<40	<2.2
Dibromochloromethane	(ug/L)	6	60	<8	<15.2	<0.50
1,2-Dibromoethane (EDB)	(ug/L)	0.005	0.05	<15.2	<10.4	<0.18
Dibromomethane	(ug/L)	NS	NS	NR	NR	<0.43
1,2-Dichlorobenzene	(ug/L)	60	600	<17.6	<13.2	<0.50
1,3-Dichlorobenzene	(ug/L)	120	600	<13.4	<6.8	<0.50
1,4-Dichlorobenzene	(ug/L)	15	75	<14.8	<15.4	<0.50
Dichlorodifluoromethane	(ug/L)	200	1,000	<15.2	<9	<0.22
1,1-Dichloroethane	(ug/L)	85	850	<11.8	<8.8	<0.24
1,2-Dichloroethane	(ug/L)	0.5	5	<8.2	<8.6	<0.17
1,1-Dichloroethene	(ug/L)	0.7	7	<10	<9.4	<0.41
1,2-Dichloropropane	(ug/L)	0.5	5	<5.4	<5.2	<0.23
1,3-Dichloropropane	(ug/L)	NS	NS	<8	<8	<0.50

October 06, 2015

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

RE: Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Dear Ken Ebbott:

Enclosed are the analytical results for sample(s) received by the laboratory on October 01, 2015. 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@pacelabs.com
Project Manager

Enclosures

cc: Megan Hansen, Fehr Graham Engineering and
Environmental



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

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 ID: 460263
Virginia VELAP Certification ID: 460263
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: SMW-11 Lab ID: 40122052011 Collected: 09/30/15 12:25 Received: 10/01/15 15:15 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		10/03/15 15:47	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/03/15 15:47	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/03/15 15:47	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/03/15 15:47	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 15:47	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/03/15 15:47	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/03/15 15:47	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/03/15 15:47	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/03/15 15:47	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/03/15 15:47	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/03/15 15:47	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/03/15 15:47	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/03/15 15:47	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/03/15 15:47	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/03/15 15:47	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/03/15 15:47	75-35-4	
cis-1,2-Dichloroethene	63.6	ug/L	1.0	0.26	1		10/03/15 15:47	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/03/15 15:47	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/03/15 15:47	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/03/15 15:47	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/03/15 15:47	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/03/15 15:47	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/03/15 15:47	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/03/15 15:47	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/03/15 15:47	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/03/15 15:47	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/03/15 15:47	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/03/15 15:47	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS

Pace Project No.: 40122052

Sample: **SMW-11** Lab ID: **40122052011** Collected: 09/30/15 12:25 Received: 10/01/15 15:15 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		10/03/15 15:47	79-34-5	
Tetrachloroethene	268	ug/L	1.0	0.50	1		10/03/15 15:47	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/03/15 15:47	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 15:47	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/03/15 15:47	79-00-5	
Trichloroethene	96.8	ug/L	1.0	0.33	1		10/03/15 15:47	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/03/15 15:47	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	108-67-8	
Vinyl chloride	77.0	ug/L	1.0	0.18	1		10/03/15 15:47	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/03/15 15:47	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/03/15 15:47	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		10/03/15 15:47	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		10/03/15 15:47	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		10/03/15 15:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Notice: This form may be used to comply with the requirements of s. NR 716.14 (2), Wis. Adm. Code; however, use of this form is not required. An alternate format may be used. The rule requires that notification be provided to 1) property owners when someone else is conducting the sampling, 2) to occupants of property belonging to the responsible person, and 3) to owners and occupants of property that does not belong to the responsible person but has been affected by contamination arising on his or her property. Notification is required within 10 business days of receiving the sample results. Personal information collected will be used for program administration and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

NOTE: Under s. NR 716.14, Wis. Adm. Code, the responsible party must also submit sample results and other required information to the DNR. We recommend that copies of the sample results notifications be included with that submittal, along with all attachments. Using the same format used for data presentation for a closure request may be helpful to all parties. See s. NR 716.14, Wis. Adm. Code for the full list of information to be submitted to the DNR.

Notification of Property Owners and Occupants:

This notification form has been provided to you in order to provide the results of environmental sampling that has been conducted on property that you own or occupy. Samples were collected in accordance with the methods identified in the site investigation work plan, in accordance with s. NR. 716.09 and 716.13, Wis. Adm. Code. This sampling was conducted as a result of contamination originating at the following location.

Site Information			
Site Name		DNR ID # (BRRTS #)	
Master Drycleaning Inc		02-41-545142	
Address	City	State	ZIP Code
6326 Bluemound Road	Wauwatosa	WI	53213

Responsible Party

The person(s) responsible for completing this environmental investigation is:

Property Owner			
Master Drycleaning Inc.			
Address	City	State	ZIP Code
6326 Bluemound Road	Wauwatosa	WI	53213
Contact Person	Phone Number (include area code)		
Mr. Harold Shipshock / Tom Shipshock son	(414) 313-9168		
Person or company that collected samples			
Fehr-Graham Inc.			

Sample Results (Results Attached)

Reason for Sampling: Routine Other (define) Pre-Treatment Baseline Monitoring

The contaminants that have been identified at this time on property that you own or occupy include:

Contaminant	In Soil?		In Groundwater?	
	Yes	No	Yes	No
Gasoline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Diesel or Fuel Oil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Solvents	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Heavy Metals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pesticides	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

This sampling event included sampling of a drinking water well.

Yes No

If yes, the sampled drinking water well had detectable contaminants.

Yes No

	Contaminants in Vapor	
	Yes	No
Indoor Air	<input type="radio"/>	<input type="radio"/>
Sub-slab	<input type="radio"/>	<input type="radio"/>
Exterior Soil Gas	<input type="radio"/>	<input type="radio"/>

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

Page 2 of 2

Attached are:

- A map that shows the locations from which samples were collected. (The map needs to meet the requirements of s. NR 716.15 (4), Wis. Adm. Code.)
- A data table with specific contaminant levels at each sample location and whether or not the sample results exceed state standards.
- A copy of the laboratory results.

You are not identified as the person that is responsible for this contamination. However, your cooperation is important. Property owners may become legally responsible for contamination if they do not allow access to the person that is responsible so that person may complete the environmental investigation and clean up activities.

Option for written exemption: You have the option of requesting a written liability exemption from the DNR for contamination that originated on another property, or on property that you lease. To do this, you must present an adequate environmental assessment of your property and pay a \$700 fee for review of this information. If you are interested in this option, please see DNR publication # RR 589, "When Contamination Crosses a Property Line - Rights and Responsibilities of Property Owners", available at: dnr.wi.gov/files/PDF/pubs/rr/rr589.pdf.

Contact Information

Please address questions regarding this notification, or requests for additional information to the contact person listed above, or to one of the following contacts:

Environmental Consultant

Company Name		Contact Person Last Name	First Name	
Fehr-Graham Inc.		Ebbott	Kendrick	
Address		City	State	ZIP Code
1237 Pilgrim Road		Plymouth	WI	53073
Phone # (inc. area code)	Email			
(920) 892-2444	Kebott@fehr-graham.com			

Select which agency: Natural Resources Agriculture, Trade and Consumer Protection

State of Wisconsin Department of Natural Resources

Contact Person Last Name		First Name	Phone # (inc. area code)	
Hnat		John	(414) 263-8644	
Address		City	State	ZIP Code
2300 N. Dr. Martin Luther King Jr. Drive		Milwaukee	WI	53212
Email				
John.Hnat@Wisconsin.gov				

FEHR GRAHAM

ENGINEERING & ENVIRONMENTAL

October 28, 2015

Sent by Mail and Email if Available

RE: Results of September 2015 Groundwater Sample from Your Property, Master Dry Cleaners DERF Site, 6326 W. Bluemound Road, Wauwatosa, WI, BRRTS # 02-41-545142

Dear Property Owner:

Fehr Graham, 1237 Pilgrim Road, Plymouth, WI (Sheboygan County) has been hired by Master Dry Cleaners (Mr. Harold Shipshock) to complete additional environmental investigation and remediation activities at the Master Dry Cleaners property referenced above.

This work includes a need to obtain groundwater samples from the existing site monitoring wells. A round of samples was obtained from all site monitoring wells in late September 2015.

The groundwater chemistry laboratory analytical report showing the result of the testing from your property is attached. Also attached is a table showing the historic results on the groundwater from your well, and a map showing the well locations for this project.

As noted previously, a release of the drycleaning solvent, tetrachloroethene (PCE) has been documented from the Master Cleaners property. Further action will be performed to address remaining PCE at the site.

The WDNR-approved remediation strategy includes treatment of the groundwater on the Master Cleaners property, followed by monitoring of the groundwater over time from the site monitoring well network. A permit has been requested from the WDNR to complete this work, anticipated to begin this fall. This round of sampling of groundwater was obtained to get current concentrations, which will serve as a baseline for comparison for the effectiveness of the treatment.

The results from your property indicate concentration of PCE and / or related breakdown products are present in the groundwater on your property above levels of concern. As shown on the table, comparison to the enforcement standards of NR 140 are shown by bold type for the various tested compounds. Several of the tested locations display one or more drycleaning related compounds in the groundwater at concentrations above the standards.

After treatment of the source area, we expect these concentrations in the groundwater to decrease over time. When the groundwater from the site and your property displays stable or declining concentrations of contaminants in groundwater over time, WDNR closure for the project can be pursued.

Thanks for your help on this project. You may see us around when the treatment is performed at the Master Drycleaner property, hopefully in the next month or two. The next round of groundwater samples to evaluate effectiveness will take place approximately three to six months after the treatment has been performed at the Master Cleaners property. When we get the next round of results from your property, another update displaying the findings will be provided.

In the meantime, if you have any questions, please give me a call.

Sincerely,



Kendrick A. Ebbott, P.G.
Branch Manager

Attachment: Laboratory Report
Table of Groundwater Results
WDNR Form 4400-249
Figure 1: Well Locations

Table 1
 Groundwater Analytical Table - VOC (532 64th St.)
 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		
Date				08/18/09	01/10/12	09/29/15
Groundwater Elevation				677.63	678.08	678.04
Benzene	(ug/L)	0.5	5	<0.41	<0.5	<0.50
Ethylbenzene	(ug/L)	140	700	<0.87	<0.78	<0.50
Toluene	(ug/L)	160	800	<0.51	<0.53	<0.50
Xylenes (TOTAL)	(ug/L)	400	2,000	<2.13	<1.1	<1.5
m&p-Xylene	(ug/L)	NS	NS	NR	NR	<1.0
o-Xylene	(ug/L)	NS	NS	NR	NR	<0.50
Naphthalene	(ug/L)	10	100	<1.7	<2.1	<2.5
MTBE	(ug/L)	12	60	<0.5	<0.8	<0.17
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	<1.1	<0.8	<0.50
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	<1.5	<0.74	<0.50
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	96	480	<2.6	<0.8	<1.0
Tetrachloroethene (PCE)	(ug/L)	0.5	5	<0.42	<0.44	<0.50
Trichloroethene (TCE)	(ug/L)	0.5	5	<0.39	<0.47	<0.33
cis-1,2-Dichloroethene	(ug/L)	7	70	<0.68	<0.74	<0.26
trans-1,2-Dichloroethene	(ug/L)	20	100	<0.61	<0.79	<0.26
Vinyl Chloride	(ug/L)	0.02	0.2	<0.2	<0.18	<0.18
Methylene Chloride	(ug/L)	0.5	5	<1.5	<1.1	<0.23
Bromobenzene	(ug/L)	NS	NS	<0.43	<0.74	<0.23
Bromochloromethane	(ug/L)	NS	NS	NR	NR	<0.34
Bromodichloromethane	(ug/L)	0.06	0.6	<0.41	<0.68	<0.50
Bromoform	(ug/L)	0.44	4.4	<0.46	<0.43	<0.50
Bromomethane	(ug/L)	1	10	NR	NR	<2.4
n-Butylbenzene	(ug/L)	NS	NS	<1.5	<0.9	<0.50
sec-Butylbenzene	(ug/L)	NS	NS	<0.43	<1	<2.2
tert-Butylbenzene	(ug/L)	NS	NS	<0.46	<0.71	<0.18
Carbon Tetrachloride	(ug/L)	0.5	5	<0.43	<0.47	<0.50
Chlorobenzene	(ug/L)	NS	NS	<0.39	<0.51	<0.50
Chloroethane	(ug/L)	80	400	<1.5	<1.4	<0.37
Chloroform	(ug/L)	0.6	6	<0.48	<0.49	<2.5
Chloromethane	(ug/L)	3	30	<0.5	<1.9	<0.50
2-Chlorotoluene	(ug/L)	NS	NS	<0.37	<0.7	<0.50
4-Chlorotoluene	(ug/L)	NS	NS	<0.63	<0.44	<0.21
1,2-Dibromo-3-chloropropane	(ug/L)	0.02	0.2	<2	<2.8	<2.2
Dibromochloromethane	(ug/L)	6	60	<0.76	<0.55	<0.50
1,2-Dibromoethane (EDB)	(ug/L)	0.005	0.05	<0.52	<0.63	<0.18
Dibromomethane	(ug/L)	NS	NS	NR	NR	<0.43
1,2-Dichlorobenzene	(ug/L)	60	600	<0.66	<0.76	<0.50
1,3-Dichlorobenzene	(ug/L)	120	600	<0.34	<0.87	<0.50
1,4-Dichlorobenzene	(ug/L)	15	75	<0.77	<0.98	<0.50
Dichlorodifluoromethane	(ug/L)	200	1,000	<0.45	<1.8	<0.22
1,1-Dichloroethane	(ug/L)	85	850	<0.44	<0.98	<0.24
1,2-Dichloroethane	(ug/L)	0.5	5	<0.43	<0.5	<0.17
1,1-Dichloroethene	(ug/L)	0.7	7	<0.47	<0.6	<0.41
1,2-Dichloropropane	(ug/L)	0.5	5	<0.26	<0.4	<0.23
1,3-Dichloropropane	(ug/L)	NS	NS	<0.49	<0.71	<0.50
2,2-Dichloropropane	(ug/L)	NS	NS	<0.89	<1.8	<0.48
1,1-Dichloropropene	(ug/L)	NS	NS	NR	NR	<0.44
cis-1,3-Dichloropropene	(ug/L)	0.04	0.4	NR	NR	<0.50
trans-1,3Dichloropropene	(ug/L)	0.04	0.4	NR	NR	<0.23
Diisopropyl ether	(ug/L)	NS	NS	<0.32	<0.69	<0.50

October 06, 2015

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

RE: Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Dear Ken Ebbott:

Enclosed are the analytical results for sample(s) received by the laboratory on October 01, 2015. 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@pacelabs.com
Project Manager

Enclosures

cc: Megan Hansen, Fehr Graham Engineering and
Environmental



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

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 ID: 460263
Virginia VELAP Certification ID: 460263
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS

Pace Project No.: 40122052

Sample: SMW-13 Lab ID: 40122052013 Collected: 09/30/15 11:40 Received: 10/01/15 15:15 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		10/03/15 16:30	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/03/15 16:30	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/03/15 16:30	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/03/15 16:30	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 16:30	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/03/15 16:30	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/03/15 16:30	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/03/15 16:30	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/03/15 16:30	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/03/15 16:30	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/03/15 16:30	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/03/15 16:30	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/03/15 16:30	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/03/15 16:30	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/03/15 16:30	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/03/15 16:30	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/03/15 16:30	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/03/15 16:30	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/03/15 16:30	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/03/15 16:30	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/03/15 16:30	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/03/15 16:30	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/03/15 16:30	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/03/15 16:30	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/03/15 16:30	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/03/15 16:30	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/03/15 16:30	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/03/15 16:30	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: SMW-13 Lab ID: 40122052013 Collected: 09/30/15 11:40 Received: 10/01/15 15:15 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		10/03/15 16:30	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/03/15 16:30	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 16:30	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/03/15 16:30	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		10/03/15 16:30	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/03/15 16:30	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/03/15 16:30	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/03/15 16:30	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/03/15 16:30	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		10/03/15 16:30	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		10/03/15 16:30	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		10/03/15 16:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Notice: This form may be used to comply with the requirements of s. NR 716.14 (2), Wis. Adm. Code; however, use of this form is not required. An alternate format may be used. The rule requires that notification be provided to 1) property owners when someone else is conducting the sampling, 2) to occupants of property belonging to the responsible person, and 3) to owners and occupants of property that does not belong to the responsible person but has been affected by contamination arising on his or her property. Notification is required within 10 business days of receiving the sample results. Personal information collected will be used for program administration and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

NOTE: Under s. NR 716.14, Wis. Adm. Code, the responsible party must also submit sample results and other required information to the DNR. We recommend that copies of the sample results notifications be included with that submittal, along with all attachments. Using the same format used for data presentation for a closure request may be helpful to all parties. See s. NR 716.14, Wis. Adm. Code for the full list of information to be submitted to the DNR.

Notification of Property Owners and Occupants:

This notification form has been provided to you in order to provide the results of environmental sampling that has been conducted on property that you own or occupy. Samples were collected in accordance with the methods identified in the site investigation work plan, in accordance with s. NR. 716.09 and 716.13, Wis. Adm. Code. This sampling was conducted as a result of contamination originating at the following location.

Site Information

Site Name		DNR ID # (BRRTS #)	
Master Drycleaning Inc		02-41-545142	
Address	City	State	ZIP Code
6326 Bluemound Road	Wauwatosa	WI	53213

Responsible Party

The person(s) responsible for completing this environmental investigation is:

Property Owner

Master Drycleaning Inc.			
Address	City	State	ZIP Code
6326 Bluemound Road	Wauwatosa	WI	53213

Contact Person	Phone Number (include area code)
Mr. Harold Shipshock / Tom Shipshock son	(414) 313-9168

Person or company that collected samples

Fehr-Graham Inc.

Sample Results (Results Attached)

Reason for Sampling: Routine Other (define) Pre-Treatment Baseline Monitoring

The contaminants that have been identified at this time on property that you own or occupy include:

Contaminant	In Soil?		In Groundwater?	
	Yes	No	Yes	No
Gasoline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Diesel or Fuel Oil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Solvents	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Heavy Metals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pesticides	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

This sampling event included sampling of a drinking water well. <input type="radio"/> Yes <input checked="" type="radio"/> No
If yes, the sampled drinking water well had detectable contaminants. <input type="radio"/> Yes <input type="radio"/> No

Contaminants in Vapor

	Yes	No
	Indoor Air	<input type="radio"/>
Sub-slab	<input type="radio"/>	<input type="radio"/>
Exterior Soil Gas	<input type="radio"/>	<input type="radio"/>

Attached are:

- A map that shows the locations from which samples were collected. (The map needs to meet the requirements of s. NR 716.15 (4), Wis. Adm. Code.)
- A data table with specific contaminant levels at each sample location and whether or not the sample results exceed state standards.
- A copy of the laboratory results.

You are not identified as the person that is responsible for this contamination. However, your cooperation is important. Property owners may become legally responsible for contamination if they do not allow access to the person that is responsible so that person may complete the environmental investigation and clean up activities.

Option for written exemption: You have the option of requesting a written liability exemption from the DNR for contamination that originated on another property, or on property that you lease. To do this, you must present an adequate environmental assessment of your property and pay a \$700 fee for review of this information. If you are interested in this option, please see DNR publication # RR 589, "When Contamination Crosses a Property Line - Rights and Responsibilities of Property Owners", available at: dnr.wi.gov/files/PDF/pubs/rr/rr589.pdf.

Contact Information

Please address questions regarding this notification, or requests for additional information to the contact person listed above, or to one of the following contacts:

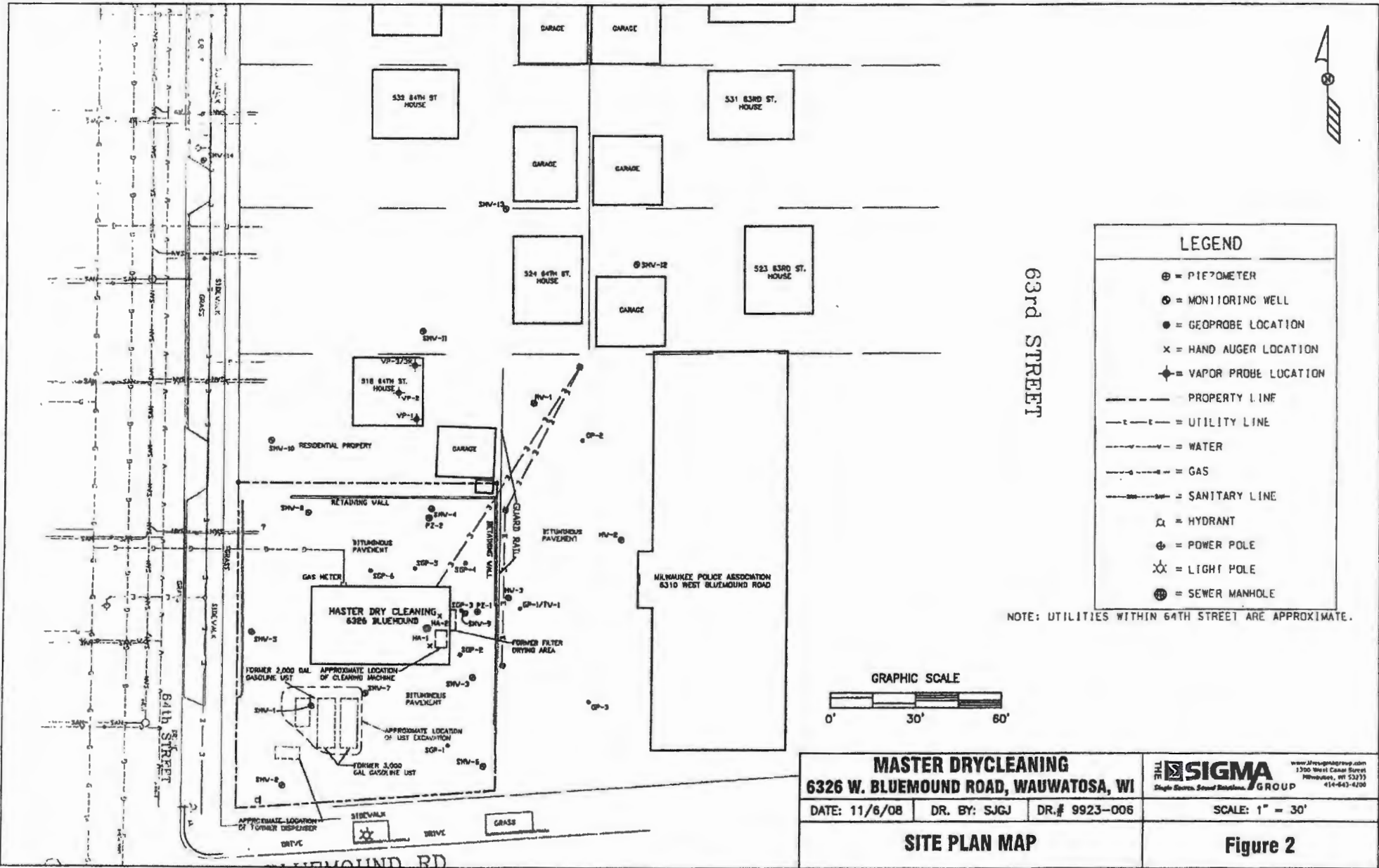
Environmental Consultant

Company Name		Contact Person Last Name	First Name	
Fehr-Graham Inc.		Ebbott	Kendrick	
Address		City	State	ZIP Code
1237 Pilgrim Road		Plymouth	WI	53073
Phone # (inc. area code)	Email			
(920) 892-2444	Kebbot@fehr-graham.com			

Select which agency: Natural Resources Agriculture, Trade and Consumer Protection

State of Wisconsin Department of Natural Resources

Contact Person Last Name	First Name	Phone # (inc. area code)	
Hnat	John	(414) 263-8644	
Address		City	State ZIP Code
2300 N. Dr. Martin Luther King Jr. Drive		Milwaukee	WI 53212
Email			
John.Hnat@Wisconsin.gov			

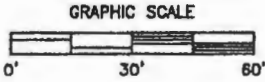


LEGEND

- ⊕ = PIEZOMETER
- ⊙ = MONITORING WELL
- = GEOPROBE LOCATION
- x = HAND AUGER LOCATION
- ⬠ = VAPOR PROBE LOCATION
- — — = PROPERTY LINE
- - - - = UTILITY LINE
- - - - = WATER
- - - - = GAS
- - - - = SANITARY LINE
- ⊕ = HYDRANT
- ⊕ = POWER POLE
- ⊕ = LIGHT POLE
- ⊕ = SEWER MANHOLE

63rd STREET

NOTE: UTILITIES WITHIN 64TH STREET ARE APPROXIMATE.



MASTER DRYCLEANING
6326 W. BLUEMOUND ROAD, WAUWATOSA, WI

www.sigmagroup.com
 1200 West Center Street
 Milwaukee, WI 53217
 414-643-6200

DATE: 11/6/08 DR. BY: SJJ DR.# 9923-005

SCALE: 1" = 30'

SITE PLAN MAP

Figure 2

FEHR GRAHAM

ENGINEERING & ENVIRONMENTAL

October 28, 2015

Sent by Mail and Email if Available

RE: Results of September 2015 Groundwater Sample from Your Property, Master Dry Cleaners DERF Site, 6326 W. Bluemound Road, Wauwatosa, WI, BRRTS # 02-41-545142

Dear Property Owner:

Fehr Graham, 1237 Pilgrim Road, Plymouth, WI (Sheboygan County) has been hired by Master Dry Cleaners (Mr. Harold Shipshock) to complete additional environmental investigation and remediation activities at the Master Dry Cleaners property referenced above.

This work includes a need to obtain groundwater samples from the existing site monitoring wells. A round of samples was obtained from all site monitoring wells in late September 2015.

The groundwater chemistry laboratory analytical report showing the result of the testing from your property is attached. Also attached is a table showing the historic results on the groundwater from your well, and a map showing the well locations for this project.

As noted previously, a release of the drycleaning solvent, tetrachloroethene (PCE) has been documented from the Master Cleaners property. Further action will be performed to address remaining PCE at the site.

The WDNR-approved remediation strategy includes treatment of the groundwater on the Master Cleaners property, followed by monitoring of the groundwater over time from the site monitoring well network. A permit has been requested from the WDNR to complete this work, anticipated to begin this fall. This round of sampling of groundwater was obtained to get current concentrations, which will serve as a baseline for comparison for the effectiveness of the treatment.

The results from your property indicate concentration of PCE and / or related breakdown products are present in the groundwater on your property above levels of concern. As shown on the table, comparison to the enforcement standards of NR 140 are shown by bold type for the various tested compounds. Several of the tested locations display one or more drycleaning related compounds in the groundwater at concentrations above the standards.

After treatment of the source area, we expect these concentrations in the groundwater to decrease over time. When the groundwater from the site and your property displays stable or declining concentrations of contaminants in groundwater over time, WDNR closure for the project can be pursued.

October 28, 2015
Fehr Graham
Page 2

Thanks for your help on this project. You may see us around when the treatment is performed at the Master Drycleaner property, hopefully in the next month or two. The next round of groundwater samples to evaluate effectiveness will take place approximately three to six months after the treatment has been performed at the Master Cleaners property. When we get the next round of results from your property, another update displaying the findings will be provided.

In the meantime, if you have any questions, please give me a call.

Sincerely,

A handwritten signature in black ink that reads "Kendrick A. Ebbott". The signature is written in a cursive style with a horizontal line through the middle of the letters.

Kendrick A. Ebbott, P.G.
Branch Manager

Attachment: Laboratory Report
Table of Groundwater Results
WDNR Form 4400-249
Figure 1: Well Locations

o:\master drycleaning\15-1209\reports and correspondence\results letters to neighbors 10 2015\generic results cover letter.docx

October 06, 2015

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

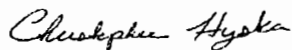
RE: Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Dear Ken Ebbott:

Enclosed are the analytical results for sample(s) received by the laboratory on October 01, 2015. 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@pacelabs.com
Project Manager

Enclosures

cc: Megan Hansen, Fehr Graham Engineering and
Environmental



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

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 ID: 460263
Virginia VELAP Certification ID: 460263
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS

Pace Project No.: 40122052

Sample: MW-1 Lab ID: 40122052015 Collected: 09/30/15 16:15 Received: 10/01/15 15:15 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		10/03/15 17:14	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/03/15 17:14	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/03/15 17:14	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/03/15 17:14	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 17:14	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/03/15 17:14	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/03/15 17:14	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/03/15 17:14	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/03/15 17:14	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/03/15 17:14	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/03/15 17:14	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/03/15 17:14	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/03/15 17:14	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/03/15 17:14	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/03/15 17:14	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/03/15 17:14	75-35-4	
cis-1,2-Dichloroethene	6.0	ug/L	1.0	0.26	1		10/03/15 17:14	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/03/15 17:14	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/03/15 17:14	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/03/15 17:14	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/03/15 17:14	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/03/15 17:14	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/03/15 17:14	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/03/15 17:14	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/03/15 17:14	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/03/15 17:14	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/03/15 17:14	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/03/15 17:14	630-20-6	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: MW-1 Lab ID: 40122052015 Collected: 09/30/15 16:15 Received: 10/01/15 15:15 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		10/03/15 17:14	79-34-5	
Tetrachloroethene	6.8	ug/L	1.0	0.50	1		10/03/15 17:14	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/03/15 17:14	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 17:14	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/03/15 17:14	79-00-5	
Trichloroethene	12.8	ug/L	1.0	0.33	1		10/03/15 17:14	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/03/15 17:14	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	108-67-8	
Vinyl chloride	0.87J	ug/L	1.0	0.18	1		10/03/15 17:14	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/03/15 17:14	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:14	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		10/03/15 17:14	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		10/03/15 17:14	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		10/03/15 17:14	2037-26-5	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS

Pace Project No.: 40122052

Sample: MW-2 Lab ID: 40122052016 Collected: 09/30/15 13:40 Received: 10/01/15 15:15 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		10/03/15 17:36	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/03/15 17:36	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/03/15 17:36	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/03/15 17:36	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 17:36	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/03/15 17:36	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/03/15 17:36	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/03/15 17:36	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/03/15 17:36	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/03/15 17:36	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/03/15 17:36	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/03/15 17:36	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/03/15 17:36	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/03/15 17:36	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/03/15 17:36	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		10/03/15 17:36	75-35-4	
cis-1,2-Dichloroethene	0.26J	ug/L	1.0	0.26	1		10/03/15 17:36	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		10/03/15 17:36	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/03/15 17:36	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/03/15 17:36	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/03/15 17:36	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/03/15 17:36	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/03/15 17:36	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		10/03/15 17:36	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/03/15 17:36	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/03/15 17:36	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/03/15 17:36	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/03/15 17:36	630-20-6	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: MW-2 Lab ID: 40122052016 Collected: 09/30/15 13:40 Received: 10/01/15 15:15 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		10/03/15 17:36	79-34-5	
Tetrachloroethene	0.95J	ug/L	1.0	0.50	1		10/03/15 17:36	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/03/15 17:36	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 17:36	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/03/15 17:36	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		10/03/15 17:36	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/03/15 17:36	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/03/15 17:36	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/03/15 17:36	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:36	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	110	%	70-130		1		10/03/15 17:36	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		10/03/15 17:36	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		10/03/15 17:36	2037-26-5	

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS

Pace Project No.: 40122052

Sample: MW-3 Lab ID: 40122052017 Collected: 09/30/15 16:30 Received: 10/01/15 15:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Benzene	4.0	ug/L	1.0	0.50	1		10/03/15 17:58	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		10/03/15 17:58	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		10/03/15 17:58	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		10/03/15 17:58	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 17:58	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		10/03/15 17:58	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		10/03/15 17:58	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		10/03/15 17:58	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		10/03/15 17:58	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		10/03/15 17:58	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		10/03/15 17:58	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		10/03/15 17:58	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		10/03/15 17:58	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		10/03/15 17:58	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		10/03/15 17:58	107-06-2	
1,1-Dichloroethene	3.5	ug/L	1.0	0.41	1		10/03/15 17:58	75-35-4	
cis-1,2-Dichloroethene	1200	ug/L	10.0	2.6	10		10/05/15 10:06	156-59-2	
trans-1,2-Dichloroethene	29.4	ug/L	1.0	0.26	1		10/03/15 17:58	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		10/03/15 17:58	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		10/03/15 17:58	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		10/03/15 17:58	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		10/03/15 17:58	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	108-20-3	
Ethylbenzene	1.4	ug/L	1.0	0.50	1		10/03/15 17:58	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		10/03/15 17:58	87-68-3	
Isopropylbenzene (Cumene)	2.2	ug/L	1.0	0.14	1		10/03/15 17:58	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		10/03/15 17:58	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		10/03/15 17:58	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		10/03/15 17:58	91-20-3	
n-Propylbenzene	0.61J	ug/L	1.0	0.50	1		10/03/15 17:58	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		10/03/15 17:58	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15-1209 MASTER CLEANERS
Pace Project No.: 40122052

Sample: MW-3 Lab ID: 40122052017 Collected: 09/30/15 16:30 Received: 10/01/15 15:15 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		10/03/15 17:58	79-34-5	
Tetrachloroethene	240	ug/L	1.0	0.50	1		10/03/15 17:58	127-18-4	
Toluene	0.60J	ug/L	1.0	0.50	1		10/03/15 17:58	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		10/03/15 17:58	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		10/03/15 17:58	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		10/03/15 17:58	79-00-5	
Trichloroethene	677	ug/L	10.0	3.3	10		10/05/15 10:06	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		10/03/15 17:58	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	108-67-8	
Vinyl chloride	90.6	ug/L	1.0	0.18	1		10/03/15 17:58	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		10/03/15 17:58	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		10/03/15 17:58	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		10/03/15 17:58	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		10/03/15 17:58	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		10/03/15 17:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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A.1.1

Groundwater Analytical Table - VOC

Master Drycleaning, Inc.

6326 W. Bluemound Rd., Wauwatosa, WI 53213

BRRTS# 02-41-545142

Sample ID		Date	Groundwater Elevation	NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	MW-3						
						02/20/06	12/12/06	09/25/07	12/06/07	09/09/08	08/18/09	01/10/10
						98.81	681.48	679.93	679.74	679.92	679.49	680.2
Benzene	(ug/L)			0.5	5	<52	<47	<47	<23.5	<12	<0.41	2.5
Ethylbenzene	(ug/L)			140	700	<60	<38	<38	28.5 J	<17.5	<0.87	9.1
Toluene	(ug/L)			160	800	<104	<59	<46	<23	<19.5	<0.51	2.22
Xylenes (TOTAL)	(ug/L)			400	2,000	<234	<110	<99	<49.5	<83.5	<2.13	13.5
m&p-Xylene	(ug/L)			NS	NS	NR	NR	NR	NR	NR	NR	NR
o-Xylene	(ug/L)			NS	NS	NR	NR	NR	NR	NR	NR	NR
Naphthalene	(ug/L)			10	100	<170	<220	<180	<90	<90	<1.7	9.8
MTBE	(ug/L)			12	60	<72	<52	<52	<26	<35	<0.5	<0.4
1,2,4-Trimethylbenzene	(ug/L)			NS	NS	<64	<39	<120	<60	<25.5	<1.1	5.8
1,3,5-Trimethylbenzene	(ug/L)			NS	NS	<166	<120	<37	<18.5	<11.5	<1.5	1.95
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)			96	480	<230	<120	<157	<78.5	<36.5	<2.6	7.75
Tetrachloroethene (PCE)	(ug/L)			0.5	5	282	247	198	140	261	158	--
Trichloroethene (TCE)	(ug/L)			0.5	5	1,770	1,730	2,150	1,720	1,030	690	--
cis-1,2-Dichloroethene	(ug/L)			7	70	3,800	3,090	3,700	3,400	2,560	1,790	--
trans-1,2-Dichloroethene	(ug/L)			20	100	170 J	<95	<95	74 J	69 J	117	--
Vinyl Chloride	(ug/L)			0.02	0.2	102 J	98	320	152	117	55	--
Methylene Chloride	(ug/L)			0.5	5	<110	<69	<69	<34.5	<49.5	<1.5	--
Bromobenzene	(ug/L)			NS	NS	<70	<62	<36	<18	<22	<0.43	--
Bromochloromethane	(ug/L)			NS	NS	NR	NR	NR	NR	NR	NR	--
Bromodichloromethane	(ug/L)			0.06	0.6	<56	<82	<50	<25	<15	<0.41	--
Bromoform	(ug/L)			0.44	4.4	<80	<30	<38	<19	<35	<0.46	--
Bromomethane	(ug/L)			1	10	NR	NR	NR	NR	NR	NR	--
n-Butylbenzene	(ug/L)			NS	NS	<122	<110	<52	<26	<27.5	<1.5	--
sec-Butylbenzene	(ug/L)			NS	NS	<50	<76	<36	<18	<36.5	<0.43	--
tert-Butylbenzene	(ug/L)			NS	NS	<68	<60	<34	<17	<16	<0.46	--
Carbon Tetrachloride	(ug/L)			0.5	5	<50	<52	<46	<23	<15	<0.43	--
Chlorobenzene	(ug/L)			NS	NS	<52	<56	<31	<15.5	<19.5	<0.39	--
Chloroethane	(ug/L)			80	400	<74	<54	<47	<23.5	<48.5	<1.5	--
Chloroform	(ug/L)			0.6	6	<156	<61	<48	<24	<23.5	<0.48	--
Chloromethane	(ug/L)			3	30	<220	<100	<100	<50	<25	<0.5	--
2-Chlorotoluene	(ug/L)			NS	NS	<84	<110	<49	<24.5	<20.5	<0.37	--
4-Chlorotoluene	(ug/L)			NS	NS	<48	<62	<38	<19	<15	<0.63	--
1,2-Dibromo-3-chloropropane	(ug/L)			0.02	0.2	<820	<250	<140	<70	<85	<2	--
Dibromochloromethane	(ug/L)			6	60	<148	<65	<32	<16	<20	<0.76	--
1,2-Dibromoethane (EDB)	(ug/L)			0.005	0.05	<116	<49	<49	<24.5	<38	<0.52	--
Dibromomethane	(ug/L)			NS	NS	NR	NR	NR	NR	NR	NR	--
1,2-Dichlorobenzene	(ug/L)			60	600	<172	<69	<35	<17.5	<44	<0.66	--
1,3-Dichlorobenzene	(ug/L)			120	600	<128	<72	<30	<15	<33.5	<0.34	--
1,4-Dichlorobenzene	(ug/L)			15	75	<138	<68	<33	<16.5	<37	<0.77	--
Dichlorodifluoromethane	(ug/L)			200	1,000	<40	<50	<46	<23	<38	<0.45	--
1,1-Dichloroethane	(ug/L)			85	850	<182	<56	<56	<28	<29.5	<0.44	--
1,2-Dichloroethane	(ug/L)			0.5	5	<50	<72	<45	<22.5	<20.5	<0.43	--
1,1-Dichloroethene	(ug/L)			0.7	7	<40	<30	<64	<32	<25	<0.47	--
1,2-Dichloropropane	(ug/L)			0.5	5	<74	<47	<47	<23.5	<13.5	<0.26	--
1,3-Dichloropropane	(ug/L)			NS	NS	<80	<67	<39	<19.5	<20	<0.49	--
2,2-Dichloropropane	(ug/L)			NS	NS	<68	<120	<98	<49	<26.5	<0.89	--
1,1-Dichloropropene	(ug/L)			NS	NS	NR	NR	NR	NR	NR	NR	--
cis-1,3-Dichloropropene	(ug/L)			0.04	0.4	NR	NR	NR	NR	NR	NR	--
trans-1,3Dichloropropene	(ug/L)			0.04	0.4	NR	NR	NR	NR	NR	NR	--
Diisopropyl ether	(ug/L)			NS	NS	<46	<71	<130	<65	<18.5	<0.32	--

A.1.1
 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	09/29/09
Groundwater Elevation				98.34	680.26	679.21	679.09	679.67	678.61	679.3
Benzene	(ug/L)	0.5	5	<0.26	<0.47	<0.47	<0.47	<0.24	<0.41	<0.51
Ethylbenzene	(ug/L)	140	700	<0.3	<0.38	<0.38	<0.38	<0.35	<0.87	<0.51
Toluene	(ug/L)	160	800	<0.52	<0.59	<0.46	<0.46	<0.39	<0.51	<0.51
Xylenes (TOTAL)	(ug/L)	400	2,000	<1.17	<1.1	<0.99	<0.99	<1.67	<2.13	<1.5
m&p-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	<1.0
o-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	<0.51
Naphthalene	(ug/L)	10	100	<0.85	<2.2	<1.8	<1.8	<1.8	<1.7	<2.5
MTBE	(ug/L)	12	60	<0.36	<0.52	<0.52	<0.52	<0.7	<0.5	<0.1
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	<0.32	<0.39	<1.2	<1.2	<0.51	<1.1	<0.51
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	<0.83	<1.2	<0.37	<0.37	<0.23	<1.5	<0.51
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
Tetrachloroethene (PCE)	(ug/L)	0.5	5	<0.45	3.5	1.38 J	2.75	15.1	2.03	0.95
Trichloroethene (TCE)	(ug/L)	0.5	5	<0.37	1.38 J	0.45 J	1.71	1.62	1.58	<0.3
cis-1,2-Dichloroethene	(ug/L)	7	70	<0.27	<0.68	<0.68	<0.68	0.46 J	<0.68	0.26
trans-1,2-Dichloroethene	(ug/L)	20	100	<0.4	<0.95	<0.95	<0.95	<0.61	<0.61	<0.2
Vinyl Chloride	(ug/L)	0.02	0.2	<0.16	<0.17	<0.2	<0.2	<0.2	<0.2	<0.1
Methylene Chloride	(ug/L)	0.5	5	<0.55	<0.69	<0.69	<0.69	<0.99	<1.5	<0.2
Bromobenzene	(ug/L)	NS	NS	<0.35	<0.62	<0.36	<0.36	<0.44	<0.43	<0.2
Bromochloromethane	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	<0.3
Bromodichloromethane	(ug/L)	0.06	0.6	<0.28	<0.82	<0.5	<0.5	<0.3	<0.41	<0.5
Bromoform	(ug/L)	0.44	4.4	<0.4	<0.3	<0.38	<0.38	<0.7	<0.46	<0.5
Bromomethane	(ug/L)	1	10	NR	NR	NR	NR	NR	NR	<2.4
n-Butylbenzene	(ug/L)	NS	NS	<0.61	<1.1	<0.52	<0.52	<0.55	<1.5	<0.5
sec-Butylbenzene	(ug/L)	NS	NS	<0.25	<0.76	<0.36	<0.36	<0.73	<0.43	<2.7
tert-Butylbenzene	(ug/L)	NS	NS	<0.34	<0.6	<0.34	<0.34	<0.32	<0.46	<0.1
Carbon Tetrachloride	(ug/L)	0.5	5	<0.25	<0.52	<0.46	<0.46	<0.3	<0.43	<0.5
Chlorobenzene	(ug/L)	NS	NS	<0.26	<0.56	<0.31	<0.31	<0.39	<0.39	<0.5
Chloroethane	(ug/L)	80	400	<0.37	<0.54	<0.47	<0.47	<0.97	<1.5	<0.3
Chloroform	(ug/L)	0.6	6	<0.78	<0.61	<0.48	<0.48	<0.47	<0.48	<2.5
Chloromethane	(ug/L)	3	30	<1.1	<1.0	<1	<1	<0.5	<0.5	<0.5
2-Chlorotoluene	(ug/L)	NS	NS	<0.42	<1.1	<0.49	<0.49	<0.41	<0.37	<0.5
4-Chlorotoluene	(ug/L)	NS	NS	<0.24	<0.62	<0.38	<0.38	<0.3	<0.63	<0.2
1,2-Dibromo-3-chloropropane	(ug/L)	0.02	0.2	<4.1	<2.5	<1.4	<1.4	<1.7	<2	<2.7
Dibromochloromethane	(ug/L)	6	60	<0.74	<0.65	<0.32	<0.32	<0.4	<0.76	<0.5
1,2-Dibromoethane (EDB)	(ug/L)	0.005	0.05	<0.58	<0.49	<0.49	<0.49	<0.76	<0.52	<0.1
Dibromomethane	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	<0.4
1,2-Dichlorobenzene	(ug/L)	60	600	<0.86	<0.69	<0.35	<0.35	<0.88	<0.66	<0.5
1,3-Dichlorobenzene	(ug/L)	120	600	<0.64	<0.72	<0.3	<0.3	<0.67	<0.34	<0.5
1,4-Dichlorobenzene	(ug/L)	15	75	<0.69	<0.68	<0.33	<0.33	<0.74	<0.77	<0.5
Dichlorodifluoromethane	(ug/L)	200	1,000	<0.2	<0.5	<0.46	<0.46	<0.76	<0.45	<0.2
1,1-Dichloroethane	(ug/L)	85	850	<0.91	<0.56	<0.56	<0.56	<0.59	<0.44	<0.2
1,2-Dichloroethane	(ug/L)	0.5	5	<0.25	<0.72	<0.45	<0.45	<0.41	<0.43	<0.1
1,1-Dichloroethene	(ug/L)	0.7	7	<0.2	<0.3	<0.64	<0.64	<0.5	<0.47	<0.4
1,2-Dichloropropane	(ug/L)	0.5	5	<0.37	<0.47	<0.47	<0.47	<0.27	<0.26	<0.2
1,3-Dichloropropane	(ug/L)	NS	NS	<0.4	<0.67	<0.39	<0.39	<0.4	<0.49	<0.5
2,2-Dichloropropane	(ug/L)	NS	NS	<0.34	<1.2	<0.98	<0.98	<0.53	<0.89	<0.4
1,1-Dichloropropene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	<0.4
cis-1,3-Dichloropropene	(ug/L)	0.04	0.4	NR	NR	NR	NR	NR	NR	<0.5
trans-1,3-Dichloropropene	(ug/L)	0.04	0.4	NR	NR	NR	NR	NR	NR	<0.2
Diisopropyl ether	(ug/L)	NS	NS	<0.23	<0.71	<1.3	<1.3	<0.37	<0.32	<0.5

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						
				02/20/06	12/12/06	09/25/07	12/06/07	09/09/08	08/18/09	09/29/09
Date				97.64	679.56	678.12	678.00	678.60	677.80	678.3
Groundwater Elevation										
Benzene	(ug/L)	0.5	5	<0.26	<2.35	<0.47	<0.47	<0.24	<0.41	<0.50
Ethylbenzene	(ug/L)	140	700	<0.3	<1.9	<0.38	<0.38	<0.35	<0.87	<0.50
Toluene	(ug/L)	160	800	<0.52	<2.95	<0.46	<0.46	<0.39	<0.51	<0.50
Xylenes (TOTAL)	(ug/L)	400	2,000	<1.17	<5.5	<0.99	<0.99	<1.67	<2.13	<1.5
m&p-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	<1.0
o-Xylene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	<0.50
Naphthalene	(ug/L)	10	100	<0.85	<11	<1.8	<1.8	<1.8	<1.7	<2.5
MTBE	(ug/L)	12	60	<0.36	<2.6	<0.52	<0.52	<0.7	<0.5	<0.17
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	<0.32	<1.95	<1.2	<1.2	<0.51	<1.1	<0.50
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	<0.83	<6.0	<0.37	<0.37	<0.23	<1.5	<0.50
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
Tetrachloroethene (PCE)	(ug/L)	0.5	5	81	48	43	27.2	22.1	5	6.8
Trichloroethene (TCE)	(ug/L)	0.5	5	38	36	52	32	9.8	5.3	12.8
cis-1,2-Dichloroethene	(ug/L)	7	70	7.8	9.0 J	9.7	8.2	2.08	0.77 J	6.0
trans-1,2-Dichloroethene	(ug/L)	20	100	0.77 J	<4.75	<0.95	<0.95	<0.61	<0.61	<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
Methylene Chloride	(ug/L)	0.5	5	<0.55	<3.45	<0.69	<0.69	<0.99	<1.5	<0.23
Bromobenzene	(ug/L)	NS	NS	<0.35	<3.1	<0.36	<0.36	<0.44	<0.43	<0.23
Bromochloromethane	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	<0.34
Bromodichloromethane	(ug/L)	0.06	0.6	<0.28	<4.1	<0.5	<0.5	<0.3	<0.41	<0.50
Bromoform	(ug/L)	0.44	4.4	<0.4	<1.5	<0.38	<0.38	<0.7	<0.46	<0.50
Bromomethane	(ug/L)	1	10	NR	NR	NR	NR	NR	NR	<2.4
n-Butylbenzene	(ug/L)	NS	NS	<0.61	<5.5	<0.52	<0.52	<0.55	<1.5	<0.50
sec-Butylbenzene	(ug/L)	NS	NS	<0.25	<3.8	<0.36	<0.36	<0.73	<0.43	<2.2
tert-Butylbenzene	(ug/L)	NS	NS	<0.34	<3.0	<0.34	<0.34	<0.32	<0.46	<0.18
Carbon Tetrachloride	(ug/L)	0.5	5	<0.25	<2.6	<0.46	<0.46	<0.3	<0.43	<0.50
Chlorobenzene	(ug/L)	NS	NS	<0.26	<2.8	<0.31	<0.31	<0.39	<0.39	<0.50
Chloroethane	(ug/L)	80	400	<0.37	<2.7	<0.47	<0.47	<0.97	<1.5	<0.37
Chloroform	(ug/L)	0.6	6	<0.78	<3.05	<0.48	<0.48	<0.47	<0.48	<2.5
Chloromethane	(ug/L)	3	30	<1.1	<5.0	<1	<1	<0.5	<0.5	<0.50
2-Chlorotoluene	(ug/L)	NS	NS	<0.42	<5.5	<0.49	<0.49	<0.41	<0.37	<0.50
4-Chlorotoluene	(ug/L)	NS	NS	<0.24	<3.1	<0.38	<0.38	<0.3	<0.63	<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
Dibromochloromethane	(ug/L)	6	60	<0.74	<3.25	<0.32	<0.32	<0.4	<0.76	<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
Dibromomethane	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	<0.43
1,2-Dichlorobenzene	(ug/L)	60	600	<0.86	<3.45	<0.35	<0.35	<0.88	<0.66	<0.50
1,3-Dichlorobenzene	(ug/L)	120	600	<0.64	<3.6	<0.3	<0.3	<0.67	<0.34	<0.50
1,4-Dichlorobenzene	(ug/L)	15	75	<0.69	<3.4	<0.33	<0.33	<0.74	<0.77	<0.50
Dichlorodifluoromethane	(ug/L)	200	1,000	<0.2	<2.5	<0.46	<0.46	<0.76	<0.45	<0.22
1,1-Dichloroethane	(ug/L)	85	850	<0.91	<2.8	<0.56	<0.56	<0.59	<0.44	<0.24
1,2-Dichloroethane	(ug/L)	0.5	5	<0.25	<3.6	<0.45	<0.45	<0.41	<0.43	<0.17
1,1-Dichloroethene	(ug/L)	0.7	7	<0.2	<1.5	<0.64	<0.64	<0.5	<0.47	<0.41
1,2-Dichloropropane	(ug/L)	0.5	5	<0.37	<2.35	<0.47	<0.47	<0.27	<0.26	<0.23
1,3-Dichloropropane	(ug/L)	NS	NS	<0.4	<3.35	<0.39	<0.39	<0.4	<0.49	<0.50
2,2-Dichloropropane	(ug/L)	NS	NS	<0.34	<6.0	<0.98	<0.98	<0.53	<0.89	<0.48
1,1-Dichloropropene	(ug/L)	NS	NS	NR	NR	NR	NR	NR	NR	<0.44
cis-1,3-Dichloropropene	(ug/L)	0.04	0.4	NR	NR	NR	NR	NR	NR	<0.50
trans-1,3-Dichloropropene	(ug/L)	0.04	0.4	NR	NR	NR	NR	NR	NR	<0.23
Diisopropyl ether	(ug/L)	NS	NS	<0.23	<3.55	<1.3	<1.3	<0.37	<0.32	<0.50

Notice: This form may be used to comply with the requirements of s. NR 716.14 (2), Wis. Adm. Code; however, use of this form is not required. An alternate format may be used. The rule requires that notification be provided to 1) property owners when someone else is conducting the sampling, 2) to occupants of property belonging to the responsible person, and 3) to owners and occupants of property that does not belong to the responsible person but has been affected by contamination arising on his or her property. Notification is required within 10 business days of receiving the sample results. Personal information collected will be used for program administration and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

NOTE: Under s. NR 716.14, Wis. Adm. Code, the responsible party must also submit sample results and other required information to the DNR. We recommend that copies of the sample results notifications be included with that submittal, along with all attachments. Using the same format used for data presentation for a closure request may be helpful to all parties. See s. NR 716.14, Wis. Adm. Code for the full list of information to be submitted to the DNR.

Notification of Property Owners and Occupants:

This notification form has been provided to you in order to provide the results of environmental sampling that has been conducted on property that you own or occupy. Samples were collected in accordance with the methods identified in the site investigation work plan, in accordance with s. NR. 716.09 and 716.13, Wis. Adm. Code. This sampling was conducted as a result of contamination originating at the following location.

Site Information			
Site Name		DNR ID # (BRRTS #)	
Master Drycleaning Inc		02-41-545142	
Address	City	State	ZIP Code
6326 Blucmound Road	Wauwatosa	WI	53213

Responsible Party

The person(s) responsible for completing this environmental investigation is:

Property Owner

Master Drycleaning Inc.

Address	City	State	ZIP Code
6326 Blucmound Road	Wauwatosa	WI	53213

Contact Person	Phone Number (include area code)
Mr. Harold Shipshock / Tom Shipshock son	(414) 313-9168

Person or company that collected samples

Fehr-Graham Inc.

Sample Results (Results Attached)

Reason for Sampling: Routine Other (define) Pre-Treatment Baseline Monitoring

The contaminants that have been identified at this time on property that you own or occupy include:

Contaminant	In Soil?		In Groundwater?	
	Yes	No	Yes	No
Gasoline	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Diesel or Fuel Oil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Solvents	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Heavy Metals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pesticides	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

This sampling event included sampling of a drinking water well. <div style="text-align: center;"> <input type="radio"/> Yes <input checked="" type="radio"/> No </div>

If yes, the sampled drinking water well had detectable contaminants. <div style="text-align: center;"> <input type="radio"/> Yes <input type="radio"/> No </div>

Contaminants in Vapor

	Yes	No
Indoor Air	<input type="radio"/>	<input type="radio"/>
Sub-slab	<input type="radio"/>	<input type="radio"/>
Exterior Soil Gas	<input type="radio"/>	<input type="radio"/>

Site Investigation Sample Results Notification

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Attached are:

- A map that shows the locations from which samples were collected. (The map needs to meet the requirements of s. NR 716.15 (4), Wis. Adm. Code.)
- A data table with specific contaminant levels at each sample location and whether or not the sample results exceed state standards.
- A copy of the laboratory results.

You are not identified as the person that is responsible for this contamination. However, your cooperation is important. Property owners may become legally responsible for contamination if they do not allow access to the person that is responsible so that person may complete the environmental investigation and clean up activities.

Option for written exemption: You have the option of requesting a written liability exemption from the DNR for contamination that originated on another property, or on property that you lease. To do this, you must present an adequate environmental assessment of your property and pay a \$700 fee for review of this information. If you are interested in this option, please see DNR publication # RR 589, "When Contamination Crosses a Property Line - Rights and Responsibilities of Property Owners", available at: dnr.wi.gov/files/PDF/pubs/rr/rr589.pdf.

Contact Information

Please address questions regarding this notification, or requests for additional information to the contact person listed above, or to one of the following contacts:

Environmental Consultant

Company Name		Contact Person Last Name	First Name	
Fehr-Graham Inc.		Ebbott	Kendrick	
Address		City	State	ZIP Code
1237 Pilgrim Road		Plymouth	WI	53073
Phone # (inc. area code)	Email			
(920) 892-2444	Kcbbott@fchr-graham.com			

Select which agency: Natural Resources Agriculture, Trade and Consumer Protection

State of Wisconsin Department of Natural Resources

Contact Person Last Name		First Name	Phone # (inc. area code)	
Hnat		John	(414) 263-8644	
Address		City	State	ZIP Code
2300 N. Dr. Martin Luther King Jr. Drive		Milwaukee	WI	53212
Email				
John.Hnat@Wisconsin.gov				

