

From: Dillon Plamann <dplamann@fehrgraham.com>
Sent: Wednesday, November 23, 2022 12:27 PM
To: Schultz, Josie M - DNR
Cc: DonGallolaw@outlook.com; John Butz
Subject: BAY TOWEL - SOLVENT INVESTIGATION, BRRTS #02-05-237064
Attachments: 2022_1006 21-1121 Tbl A. 1. I VOC.pdf; 2022_1013_21-1121 Fig 1 GW Chem.pdf; 2021_0706 TBL A.1.ii GW PFAS.pdf; 40252312_frc.pdf

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Good afternoon Josie,

Please see attached table, figure and lab report with the most recent round of CVOC groundwater data from the Bay Towel site. Based on the results of the groundwater CVOC sampling, the DNR approved groundwater PFAS sampling locations are still suitable. I have also attached the previous PFAS groundwater data for reference.

Here are the wells that we had proposed to sample in the SIWP and the reasoning:

- SMW-1R: previously sampled, previous PFAS detects, and source area
- SMW-3R: previously sampled, previous PFAS detects, and source area
- MW-5R: previously sampled, previous PFAS detects, and downgradient water table well from source area
- MW-15: previously sampled, and highest groundwater CVOC concentrations
- PZ-1: previously sampled, and downgradient piezometer from source area
- MW-6: upgradient from source area to confirm PFAS contamination isn't coming from an upgradient off-site source
- MW-12: upgradient from source area to confirm PFAS contamination isn't coming from an upgradient off-site source

Please review at your convenience and let me know your thoughts if the proposed locations are still acceptable to sample. All of this information will be formally submitted to the DNR in a report as well once we finish the scope of work in the SIWP.

Thank you and have a nice Thanksgiving!

**DILLON PLAMANN, PG | Project Hydrogeologist
Fehr Graham | Engineering & Environmental**

909 North 8th Street, Suite 101
Sheboygan, WI 53081
C: 920.946.2407
fehrgraham.com

Table A.1.ii
 Groundwater Analytical Table - PFAS
 Bay Towel - Solvent Investigation
 501 Adams St., Green Bay, WI 54301
 BRRTS# 02-05-237064

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	SMW-1R	SMW-3R	MW-5R	MW-15	PZ-1	BLANK		
Date				6/4/21	6/4/21	6/4/21	6/4/21	6/4/21	6/4/21		
Groundwater Elevation				571.56	583.12	580.68	577.82	569.58	--		
Perfluorobutanoic Acid (PFBA)	(ng/L)	NS	NS	22	10	25.0	5.8	0.67 J	<0.63		
Perfluoropentanoic acid (PFPeA)	(ng/L)	NS	NS	8.1	5.3	7.8	5.0	1.8 J	<0.57		
Perfluorobutanesulfonic acid (PFBS)	(ng/L)	NS	NS	1.9 J	4.2	2.7 J	5.5	<0.37	<0.43		
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	(ng/L)	NS	NS	<0.91	<0.72	<0.80	<0.82	<0.77	<0.91		
Perfluorohexanoic acid (PFHxA)	(ng/L)	NS	NS	8.3	10	7.3	18	0.93 J	<0.72		
Perfluoropentanesulfonic acid (PFPeS)	(ng/L)	NS	NS	<0.62	2.5 J	<0.55	<0.55	<0.52	<0.62		
Hexafluoropropylene oxide dimer acid 1 (HFPO-DA)	(ng/L)	NS	NS	<2.2	<1.7	<1.9	<1.9	<1.8	<2.2		
Perfluoroheptanoic acid (PFHpA)	(ng/L)	NS	NS	3.1 J	6.3	2.6 J	1.2 J	<0.40	<0.47		
4,8-Dioxa-3H-perfluorononanoic acid 2 (ADONA)	(ng/L)	NS	NS	<0.50	<0.40	<0.44	<0.45	<0.43	<0.51		
Perfluorohexanesulfonic acid (PFHxS)	(ng/L)	NS	NS	0.74 J	6.0	<0.51	<0.51	<0.49	<0.58		
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	(ng/L)	NS	NS	<2.1	<1.7	38.0	<1.9	<1.8	<2.1		
Perfluorooctanoic acid (PFOA)*	(ng/L)	2	20	5.1	20.0	4.6	<0.77	<0.73	<0.87		
Perfluoroheptanesulfonic acid (PFHpS)	(ng/L)	NS	NS	<0.52	<0.41	<0.46	<0.47	<0.44	<0.52		
Perfluorononanoic acid (PFNA)	(ng/L)	NS	NS	<0.48	<0.38	<0.42	<0.43	<0.41	<0.48		
Perfluorooctane sulfonamide (PFOSA)	(ng/L)	NS	NS	<0.64	<0.51	<0.56	<0.57	<0.54	<0.64		
Perfluorooctanesulfonic acid (PFOS)*	(ng/L)	2	20	<2.1	2.9 J	<1.8	<1.9	<1.8	<2.1		
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid 3 (9CI-PF3ONS)	(ng/L)	NS	NS	<0.50	<0.40	<0.44	<0.45	<0.43	<0.50		
Perfluorodecanoic acid (PFDA)	(ng/L)	NS	NS	<0.55	<0.43	<0.48	<0.49	<0.46	<0.55		
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	(ng/L)	NS	NS	<1.7	<1.3	<1.5	<1.5	<1.4	<1.7		
Perfluorononanesulfonic acid (PFNS)	(ng/L)	NS	NS	<0.74	<0.59	<0.65	<0.66	<0.63	<0.74		
N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	(ng/L)	NS	NS	<0.97	<0.77	<0.86	<0.87	<0.82	<0.98		
N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	(ng/L)	NS	NS	<0.78	<0.62	<0.69	<0.70	<0.66	<0.78		
Perfluoroundecanoic acid (PFUnA)	(ng/L)	NS	NS	<0.65	<0.52	<0.58	<0.58	<0.55	<0.66		
Perfluorodecanesulfonic acid (PFDS)	(ng/L)	NS	NS	<0.81	<0.64	<0.71	<0.73	<0.69	<0.81		
11-chloroeicosfluoro-3-oxaundecane-1-sulfonic acid 4 (11CI-PF3OUdS)	(ng/L)	NS	NS	<0.69	<0.55	<0.61	<0.62	<0.59	<0.69		
Perfluorododecanoic acid (PFDoA)	(ng/L)	NS	NS	<0.49	<0.39	<0.43	<0.44	<0.42	<0.49		
N-Methyl perfluorooctane sulfonamide (MeFOSA)	(ng/L)	NS	NS	<1.3	<1.0	<1.2	<1.2	<1.1	<1.3		
Perfluorotridecanoic acid (PFTrDA)	(ng/L)	NS	NS	<0.55	<0.44	<0.49	<0.49	<0.47	<0.55		
Perfluorododecanesulfonic acid (PFDoS)	(ng/L)	NS	NS	<1.1	<0.87	<0.96	<0.98	<0.92	<1.1		
Perfluorotetradecanoic acid (PFTeDA)	(ng/L)	NS	NS	<0.62	<0.50	<0.55	<0.56	<0.53	<0.63		
N-Ethyl perfluorooctane sulfonamide (EtFOSA)	(ng/L)	NS	NS	<1.4	<1.1	<1.2	<1.3	<1.2	<1.4		
N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	(ng/L)	NS	NS	<1.3	<1.1	<1.2	1.8 J	<1.1	<1.3		
N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	(ng/L)	NS	NS	<0.99	<0.79	<0.88	<0.89	<0.84	<1.0		

Notes:

NS = No standard established

*State department of health services recommending a cumulative groundwater preventive action limit of 2 part per trillion (ppt) and enforcement standard of 20 parts per trillion (ppt) for PFOA and PFOS. The recommended standards will be enforceable once the rules are finalized.

ng/L (nanograms per liter) = PPT (parts per trillion)

J = Between limit of detection & limit of quantification

ITALICS indicates exceedance of the Wisconsin Department of Health Services recommended NR 140.10 Preventive Action Limit

BOLD indicates exceedance of the Wisconsin Department of Health Services recommended NR 140.10 Enforcement Standard

* Standards according to NR 140.12

Table A.1.i
Groundwater Analytical Table - VOC
Bay Towel - Solvent Investigation
501 Adams St., Green Bay, WI 54301
BRRTS# 02-05-237064

Sample ID	MW-1																													
	Date	NR 140,10 Preventive Action Limit	NR 140,10 Enforcement Standard	AG-20	AG-21	AG-22	AG-26	AG-27	8/3/00	4/5/01	6/5/03	9/17/03	12/3/03	3/18/04	6/29/04	9/30/04	12/16/04	3/17/05	9/29/05	12/30/05	3/15/06	11/10/06	3/1/07	6/13/07	9/19/07	12/13/07	3/19/08	6/3/08	9/12/08	12/11/08
Groundwater Elevation	--	--	--	--	--	582.62	581.69	582.73	582.62	582.79	583.11	583.81	582.91	582.66	582.71	582.72	582.31	582.77	583.30	582.78	583.12	583.04	582.50	582.51	583.84	583.20	582.54			
Tetrachloroethene (PCE)	(ug/L)	0.5	5	34	<0.57	<0.57	<0.57	<0.57	81,000	100,000	89,000	80,000	39,000	24,000	54,000	33,000	<620	6,000	<1,000	<800	<800	<1,000	<1,000	<1,200	<1,200	<1,000	<2,000	<2,000	<1,200	
Trichloroethene (TCE)	(ug/L)	0.5	5	23	<0.89	<0.89	3.5	<0.89	19,000	25,000	26,000	41,000	44,000	38,000	18,000	16,000	<250	4,000	<400	2,100	1,200	380 J	<400	<500	<500	<400	2,600 J	<800	<500	
cis-1,2-Dichloroethene	(ug/L)	7	70	38	<0.73	<0.73	14	<0.73	37,000	38,000	41,000	48,000	80,000	120,000	66,000	83,000	200,000	140,000	130,000	150,000	150,000	160,000	190,000	170,000	110,000	110,000	180,000	230,000	210,000	180,000
trans-1,2-Dichloroethene	(ug/L)	20	100	1.3 J	<0.79	<0.79	<0.79	<0.79	2,400	3,500	2,800	3,700	5,200	7,400	2,300	4,000	8,900	3,800	6,200	7,100	8,500	3,500	4,700	4,600	4,100 J	3,800 J	<1,000	5,500 J	3,400 J	5,600
Vinyl Chloride	(ug/L)	0.02	0.2	0.39 J	<0.18	<0.18	<0.18	<0.18	2,200	3,100	2,100	4,100	4,600	7,300	1,600	1,000	18,000	9,600	77,000	69,000	38,000	76,000	81,000	78,000	130,000	150,000	140,000	110,000	96,000	200,000
Methylene Chloride	(ug/L)	0.5	5	<0.85	<0.85	<0.85	<0.85	<0.85	<360	<180	<500	<2,000	<2,000	<2,000	<2,000	<2,000	<1,200	<2,500	<2,000	<1,600	<1,600	<1,600	<2,000	<2,500	<2,000	<4,000	6,400 J	<4,000	<2,500	
Benzene	(ug/L)	0.5	5	<0.48	<0.48	<0.48	<0.48	<0.48	<290	<150	<120	<500	<400	<400	<500	<400	<250	<500	<400	<320	<320	<320	<400	<500	<500	<400	<800	<800	<500	
Ethylbenzene	(ug/L)	140	700	--	--	--	--	--	<570	<280	<250	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<620	<1,200	<1,000	<800	<800	<1,000	<1,200	<1,000	<2,000	<2,000	<1,200		
Toluene	(ug/L)	160	800	<0.47	<0.47	<0.47	<0.47	<0.47	<1,100	<65	<120	<500	<400	<400	<500	<400	<250	<500	<400	<320	<320	<400	<500	<500	<400	<2,000	<2,000	<1,200		
m&p-Xylene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
o-Xylene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
Xylenes (TOTAL)	(ug/L)	400	2,000	--	--	--	--	--	<250	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<620	<1,200	<1,000	<800	<800	<1,000	<1,200	<1,000	<2,000	<2,000	<1,200			
Naphthalene	(ug/L)	10	100	<0.59	<0.59	<0.59	<0.59	<0.59	<270	<140	<120	<500	<500	<620	<500	<310	<620	<500	<400	<400	<500	<620	<620	<500	<1,000	<1,000	<620			
MTBE	(ug/L)	12	60	<0.67	<0.67	<0.67	<0.67	<0.67	<200	<100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1,200		
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<620		
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<500		
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	96	480	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,120	
Bromobenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<500	
Bromoform	(ug/L)	0.06	0.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<500	
Bromomethane	(ug/L)	1	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1,200	
n-Butylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<500	
sec-Butylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<620	
tert-Butylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<500	
Carbon Tetrachloride	(ug/L)	0.5	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1,200	
Chlorobenzene	(ug/L)	NS	NS	<0.55	<0.55	<0.55	<0.55	<0.55	<190	<95	<120	<500	<400	<400	<500	<400	<250	<500	<400	<320	<320	<320	<400	<500	<500	<400	<800	<800	<500	
Chloroethane	(ug/L)	80	400	<0.57	<0.57	<0.57	<0.57	<0.57	<460	<230	<500	<2,000	<2,000	<2,000	<2,500	<2,000	<1,200	<2,500	<2,000	<1,600	<1,600	<2,000	<2,500	<2,500	<2,000	<4,000	<4,000	<4,000	<2,500	
Chloroform	(ug/L)	0.6	6	<0.75	<0.75	<0.75	<0.75	<0.75	<290	<150	<120	<500	<400	<400	<500	<400	<250	<500	<400	<320	<320	<400	<500	<500	<400	<800	<800	<500		
Chloromethane	(ug/L)	3	30	<0.62	<0.62	<0.62	<0.62	<0.62	<420	<210	<120	<500	<400	<400	<500	<400	<250	<500	<400	<320	<320	<400	<500	<500	<400	<1,200	<1,200	<750		
2-Chlorotoluene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1,200	
4-Chlorotoluene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<500	
1,2-Dibromo-3-chloropropane	(ug/L)	0.02	0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1,200	
Dibromochloromethane	(ug/L)	6	60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<500	
1,2-Dibromoethane (EDB)	(ug/L)	0.005	0.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<500	
Dibromomethane	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<500	
1,2-Dichlorobenzene	(ug/L)	60	600	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<500	
1,3-Dichlorobenzene	(ug/L)	120	600	<0.54	<0.54	<0.54	<0.54	<0.54	<120	<60	<120	<500	<400	<400	<500	<400	<250	<500	<400	<320	<320	<320	<400	<500	<500	<400	<800	<800	<500	
1,4-Dichlorobenzene	(ug/L)	15	75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1,200	
Dichlorodifluoromethane	(ug/L)	200	1,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1,200	
1,1-Dichloroethane	(ug/L)	85	850	<0.48	<0.48	1.6	<0.48	<0.48	<170	<85	<250	<1,000	<1,000	<1,000	<1,000	<1,000	<1,200	<1,000	<620	<1,200	<1,000	<800	<800	<800	<1,000	<1,200	<1,200	<1,000	<2,000	<2,000
1,2-Dichloroethane	(ug/L)	0.5	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1,200	
1,1-Dichloroethene	(ug/L)	0.7	7	<0.85	<0.85	1.1 J	<0.85	<0.85	<850	<430	<250	<1,000	<1,000	<1,000	<1,000	<1,000	<1,200	<1,000	<620	<1,200	<1,000	<800	<800	<800	<1,000	<1,200	<1,200	<1,000	<2,000	<2,000
1,2-Dichloropropene	(ug/L)	0.5	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1,200	
1,3-Dichloropropene	(ug/L)	NS	NS																											

Notes

NS = No standard established

-- = Not analyzed or Reported for parameter

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
SQLD indicates exceedance of NR 140.10 E-Source Standard

BOLD indicates exceedance of NR 140.10 Enforcement Standard

J = Between Limit of detection & limit of quantification amount

* = Lab contaminant

- Lab contaminant

Table A.1.i
Groundwater Analytical Table - VOC
 Bay Towel - Solvent Investigation
 501 Adams St., Green Bay, WI 54301
 BRRTS# 02-05-237064

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	MW-1 (Cont'd)								SMW-1					SMW-1R					PZ-1										
Date	Groundwater Elevation			3/23/10	7/1/10	8/10/11	4/9/13	1/14/14	5/8/14	6/19/15		5/5/17	8/10/17	11/15/17	1/23/19	6/28/19	4/23/20	2/26/21	5/28/21	10/12/21	9/29/22	5/5/17	8/10/17	11/15/17	1/23/19	6/28/19	4/23/20	2/26/21	5/28/21	10/12/21	9/29/22	
				582.44	583.42	--	--	--	--	--		587.05	584.19	582.97	582.47	586.78	585.71	569.35	571.56	579.52	584.12	575.49	573.18	570.29	577.55	574.37	578.06	577.65	569.58	574.23	583.06	
Tetrachloroethene (PCE)	(ug/L)	0.5	5	<2,000	<1,300	<1,300	340	12 J	91,000	1,300		<0.50	<0.50	<0.50	<0.33	<0.33	<0.33	120	81.0	56.4	17.9	<0.50	<0.50	<0.50	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41		
Trichloroethene (TCE)	(ug/L)	0.5	5	<800	<500	<500	330	10	9,100	1,600		<0.33	<0.33	<0.33	<0.26	<0.26	<0.26	9.1	5.6	7.7	5.6	<0.33	<0.33	<0.33	<0.26	<0.26	<0.26	<0.32	<0.32	<0.32		
cis-1,2-Dichloroethene	(ug/L)	7	70	11,000	43,000	78,000	31,000	18,000	76,000	190,000		0.66 J	<0.26	<0.26	<0.27	<0.27	<0.27	9.9	10.2	18.8	44.5	<0.26	<0.26	<0.26	<0.27	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene	(ug/L)	20	100	<2,000	1,500 J	<1,300	1,300	1,000	490	2,100		<0.26	<0.26	<1.1	<0.26	<0.46	<0.53	0.55 J	1.0	<0.26	<0.26	<1.1	<1.1	<0.46	<0.46	<0.53	<0.53	<0.53	<0.53			
Vinyl Chloride	(ug/L)	0.02	0.2	230,000	220,000	200,000	220,000	290,000	40,000	160,000		3.9	0.72 J	0.25 J	0.43 J	<0.17	<0.17	1.6	<0.17	2.4	<0.18	<0.18	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17		
Methylene Chloride	(ug/L)	0.5	5	<4,000	<2,500	<2,500	<140	<14	<34	<34		<0.23	<0.23	<0.58	<0.58	<0.58	--	--	--	<0.23	<0.23	<0.23	<0.58	<0.58	<0.58	<0.58	--	--	--			
Benzene	(ug/L)	0.5	5	<800	<500	<500	<15	<1.5	<3.7	<3.7		<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	--	--	--	<0.50	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	--	--	--		
Ethylbenzene	(ug/L)	140	700	<2,000	<1,300	<1,300	<26	<2.6	<6.5	<6.5		<0.50	<0.50	<0.22	<0.22	<0.32	<0.32	--	--	--	<0.50	<0.50	<0.50	<0.22	<0.22	<0.32	--	--	--			
Toluene	(ug/L)	160	800	<2,000	<1,300	<1,300	<22	23	20 J	24 J		<0.50	<0.50	<0.17	<0.17	<0.27	<0.27	--	--	--	<0.50	<0.50	<0.50	<0.17	<0.17	<0.27	--	--	--			
m&p-Xylene	(ug/L)	NS	NS	--	--	--	--	--	--	--		<1.0	<1.0	<0.47	<0.47	<0.47	<0.47	--	--	--	<1.0	<1.0	<0.47	<0.47	<0.47	<0.47	--	--	--			
o-Xylene	(ug/L)	NS	NS	--	--	--	--	--	--	--		<0.50	<0.50	<0.26	<0.26	<0.26	<0.26	--	--	--	<0.50	<0.50	<0.50	<0.26	<0.26	<0.26	--	--	--			
Xylenes (TOTAL)	(ug/L)	400	2,000	<2,000	<1,300	<1,300	<14	<1.4	<3.4	<3.4		<1.50	<1.50	<0.73	<0.73	<0.73	<0.73	--	--	--	<1.5	<1.5	<1.50	<0.73	<0.73	<0.73	--	--	--			
Naphthalene	(ug/L)	10	100	<1,000	<630	<630	<32	<3.2	<8.0	<8.0		<2.5	<2.5	<1.2	<1.2	<1.2	<1.2	--	--	--	<2.5	<2.5	<2.5	<1.2	<1.2	<1.2	--	--	--			
MTBE	(ug/L)	12	60	<2,000	<1,300	<1,300	<48	<4.8	<12	<12		<0.17	<0.17	<1.2	<1.2	<1.2	<1.2	--	--	--	<0.17	<0.17	<1.2	<1.2	<1.2	<1.2	--	--	--			
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	<800	<500	<500	<28	<2.8	<7.0	<7.0		<0.50	<0.50	<0.84	<0.84	<0.84	<0.84	--	--	--	<0.50	<0.50	<0.50	<0.84	<0.84	<0.84	--	--	--			
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	<800	<500	<500	<36	<3.6	<9.0	<9.0		<0.50	<0.50	<0.87	<0.87	<0.87	<0.87	--	--	--	<0.50	<0.50	<0.87	<0.87	<0.87	<0.87	--	--	--			
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	96	480	<1,600	<1,000	<1,000	<64	<6.4	<16.0	<16.0		<1.0	<1.0	<1.71	<1.71	<1.71	<1.71	--	--	--	<1.0	<1.0	<1.71	<1.71	<1.71	<1.71	--	--	--			
Bromobenzene	(ug/L)	NS	NS	<800	<500	<500	<50	<5.0	<13	<13		<0.23	<0.23	<0.24	<0.24	<0.24	<0.24	--	--	--	<0.23	<0.23	<0.24	<0.24	<0.24	<0.24	--	--	--			
Bromochloromethane	(ug/L)	NS	NS	<2,000	<1,300	<1,300	<80	<8.0	<20	<20		<0.34	<0.34	<0.36	<0.36	<0.36	<0.36	--	--	--	<0.34	<0.34	<0.36	<0.36	<0.36	<0.36	--	--	--			
Bromodichloromethane	(ug/L)	0.06	0.6	<800	<500	<500	<34	<3.4	<8.5	<8.5		<0.50	<0.50	<0.36	<0.36	<0.36	<0.36	--	--	--	<0.50	<0.50	<0.50	<0.36	<0.36	<0.36	--	--	--			
Bromoform	(ug/L)	0.44	4.4	<800	<500	<500	<56	<5.6	<14	<14																						

Table A.1.i
Groundwater Analytical Table - VOC
Bay Towel - Solvent Investigation
501 Adams St., Green Bay, WI 54301
BRRTS# 02-05-237064

Sample ID	Date	MW-2																																				
	Groundwater Elevation	NR 140-10 Preventive Action Limit	NR 140-10 Enforcement Standard	8/3/00	4/5/01	6/5/03	9/17/03	12/2/03	3/18/04	6/29/04	9/30/04	12/16/04	3/17/05	9/29/05	3/15/06	3/1/07	6/13/07	9/19/07	12/13/07	3/19/08	6/3/08	9/12/08	12/11/08	3/25/10	7/1/10	8/10/11	4/9/13	1/14/14	5/8/14	6/19/15	5/5/17	8/10/17	11/15/17					
		581.79	580.68	582.14	582.05	581.86	581.48	582.65	--	581.66	581.67	581.52	581.55	581.51	581.36	582.49	582.08	581.49	581.67	583.16	581.47	581.65	582.24	583.21	--	--	--	--	--	585.94	583.58	582.40						
Tetrachloroethene (PCE)	(ug/L)	0.5	5	100	100	260	180	180	110	180	220	130	130	160	85	120	110	220	190	210	140	1,200	670	230	260	420	750	300	460	1,600	1,700	1,600	112	304	359	43.2		
Trichloroethene (TCE)	(ug/L)	0.5	5	11	12	44	24	26	18	46	36	26	29	32	24	29	24	44	38	28	160	100	39	58	63	100	44	68	290	280	290	6.0	34.0	38.9	34.2			
cis-1,2-Dichloroethene	(ug/L)	7	70	28	17	15	14	14	9.4	21	19	19	55	110	43	46	26	56	51	39	26	82	70	48	52	52	59	180	170	110	26	63.7	38.9	38.9				
trans-1,2-Dichloroethene	(ug/L)	20	100	<0.35	<0.7	<0.50	<2.5	<2.0	<0.55	<4.0	<1.0	<1.0	<2.5	<5.0	<1	<1	<4	<2.5	<2.5	<2	<1	<5	<5.0	<2.0	<2.5	<2.5	<0.25	0.69 J	28	28	10	2.0	<0.64	1.8 J				
Vinyl Chloride	(ug/L)	0.02	0.2	110	210	4.4	140	170	230	150	190	340	210	170	420	160	390	77	280	88	72	23	200	400	43	110	100	4.4	17	4.3	3.9	3.2	8.7	3.0	3.0	3.0	3.0	3.0
Methylene Chloride	(ug/L)	0.5	5	<0.36	1.7 J	<1.0	6.0*	<4.0	<4.0	<1.0	<8.0	<2.0	<2.0	<5.0	<10	<2	<8	<5	<4	4.1 J	<10	<10	<4.0	<5.0	<5.0	<2.0	<2.5	<2.5	<0.13	<0.65	<0.65	<0.13	<0.50	<1.2	<1.2	<1.2	<1.2	<1.2
Benzene	(ug/L)	0.5	5	<0.29	<0.58	<0.25	<1.2	<0.80	<0.20	<1.6	<0.40	<0.40	<1.0	<2.0	<0.4	<0.4	<1.6	<1	<0.8	<0.4	<2	<2.0	<0.80	<1.0	<0.74	<0.74	<0.37	0.27 J	<0.50	<1.2	<1.2	<1.2	<1.2	<1.2				
Ethylbenzene	(ug/L)	140	700	<0.57	<1.1	<0.50	<2.5	<2.0	<0.50	<4.0	<1.0	<1.0	<2.5	<5.0	<1	<1	<4	<2.5	<2.5	<2	<1	<5	<5.0	<2.0	<2.5	<2.5	<0.13	<0.65	<0.65	<0.13	<0.50	<1.2	<1.2	<1.2	<1.2	<1.2		
Toluene	(ug/L)	160	800	<1.1	<0.26	<0.25	<1.2	<0.80	<0.20	<1.6	<0.40	<0.40	<1.0	<2.0	<0.4	<0.4	<1.6	<1	<0.8	<1	<5	<5.0	<2.0	<2.5	<2.5	<0.11	<0.55	<0.55	<0.11	<0.50	<1.2	<1.2	<1.2	<1.2	<1.2			
m,p-Xylene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
o-Xylene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
Xylenes (TOTAL)	(ug/L)	400	2,000	--	--	<0.50	<2.5	<2.0	<2.0	<0.50	<4.0	<1.0	<1.0	<2.5	<5.0	<1	<1	<4	<2.5	<2.5	<2	<1	<5	<5.0	<2.0	<2.5	<2.5	<0.068	<0.34	<0.34	<0.068	<1.5	<3.7	<3.7				
Naphthalene	(ug/L)	10	100	<0.27	<0.54	<0.25	<1.2	<1.0	<1.0	<0.25	<2.0	<0.50	<0.56	<1.2	<2.5	<0.5	<0.5	<2	<1.2	<1	<0.5	<2.5	<1.0	<1.3	<1.3	<0.16	<0.80	<0.80	<0.16	<2.5	<6.2	<6.2						
MTBE	(ug/L)	12	60	<0.2	<0.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<2.5	<2.0	<2.5	<2.5	<0.24	<1.2	<1.2	<0.24	<0.17	<0.44	<0.44					
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.2	<1.0	<1.3	<1.0	<0.14	<0.70	<0.70	<0.14	<0.50	<1.2	<1.2					
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	<0.80	<1.3	<1.0	<0.18	<0.90	<0.90	<0.18	<0.50	<1.2	<1.2						
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	96	480	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<2.2	<1.80	<2.6	<2.0	<0.32	<0.32	<1.60	<1.60	<0.32	<1.0	<2.4	<2.4				
Bromobenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<2.0	<0.80	<1.0	<1.0	<0.25	<0.25	<1.3	<1.3	<0.25	<0.25	<0.58	<0.58				
Bromo-chloromethane	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<5.0	<2.0	<2.5	<2.5	<0.40	<2.0	<2.0	<0.40	<0.85	<0.85	<0.85					
Bromodichloromethane	(ug/L)	0.06	0.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<2.0	<0.80	<1.0	<1.0	<0.17	<0.17	<0.85	<0.85	<0.17	<1.2	<1.2					
Bromoform	(ug/L)	0.44	4.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<2.0	<0.80	<1.0	<1.0	<0.28	<1.4	<1.4	<0.28	<0.50	<1.2	<1.2					
Bromomethane	(ug/L)	1	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<5.0	<2.0	<2.5	<2.5	<0.31	<1.6	<1.6	<0.31	<2.4	<6.1	<6.1					
n-Butylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<2.0	<0.80	<1.0	<1.0	<0.13	<0.65	<0.65	<0.13	<0.50	<1.2	<1.2					
sec-Butylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<2.5	<1.0	<1.3	<1.3	<0.15	<0.75	<0.75	<0.15	<0.50	<1.2	<5.5					
tert-Butylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<2.0	<0.80	<1.0	<1.0	<0.14	<0.70	<0.70	<0.14	<0.45	<0.45	<0.45					
Carbon Tetrachloride	(ug/L)	0.5	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<5.0	<3.2	<4.0	<4.0	<0.26	<2.6	<1.3	<1.3	<0.26	<1.2	<1.2					
Chlorobenzene	(ug/L)	NS	NS	<0.19	<0.38	<0.25	<12	<0.80	<0.80	<0.20	<1.6	<0.40	<0.40	<1.0	<2.0	<0.4	<0.4	<1.6	<1	<0.8	<0.4	<2	<2.0	<0.80	<1.0	<1.0	<0.14	<0.70	<0.70	<0.14	<0.50	<1.2	<1.2					
Chloroethane	(ug/L)	80	400	<0.46	<0.92	<1.0	<5.0	<4.0	<4.0	<1.0	<8.0	<2.0	<2.0	<5.0	<10	<2	<2	<8	<5	<5	<4	<2	<10	<4.0	<5.0	<5.0	<0.34	<1.7	<1.7	<0.34	<0.94	<0.94	<0.94					
Chloroform	(ug/L)	0.6	6	<0.29	<0.58	<0.25	<1.2	<0.80	<0.80	<0.24	<1.6	<0.40	<0.40	<1.0	<2.0	<0.4	<0.4	<1.6	<1	<0.8	1.1 J	<2	<2.0	<0.80	<1.0	<1.0	<0.20	<0.20	<1.0	<1.0	<0.18	<0.50	<1.2	<6.2	<6.2			
Chloromethane	(ug/L)	3	30	<0.42	<0.84	<0.25	<1.2	<0.80	<0.80	<0.20	<1.6	<0.40	<0.40	<1.0	<2.0	<0.4	<0.4	<1.6	<1	<0.8	<0.6	<3	<3.0	<1.2	<1.5	<1.5	<0.18	<0.90	<0.90	<0.18	<0.50	<1.2	<1.2					
2-Chlorotoluene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<5.0	<2.0	<2.5	<2.5	<0.21	<1.1	<1.1	<0.21	<0.50	<1.2	<1.2					
4-Chlorotoluene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<2.0	<0.80	<1.0	<1.0	<0.20	<1.0	<1.0									

Notes

Notes:

-- = Not analyzed or Reported for parameter

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit

BOLD indicates exceedance of NR 140.10 Enforcement Standard

J = Between Limit of detection & limit of quant.

amount

* = Lab contaminant

\\\powervault\Shared Client Data\Bay Towel\21-1121 SIWP\D

Table A.1.i
Groundwater Analytical Table - VOC
Bay Towel - Solvent Investigation
501 Adams St., Green Bay, WI 54301
BRRTS# 02-05-237064

Notes:

NS = No standard established

-- = Not analyzed or Reported for parameter
IT4ICS indicates exceedance of NP-140-10 Pre-

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

| = Between limit of detection & limit of quantification / estimated

δ = between Limit of detection & limit of quantification amount

* = Lab contaminant

Table A.1.i
Groundwater Analytical Table - VOC
Bay Towel - Solvent Investigation
501 Adams St., Green Bay, WI 54301
BRRTS# 02-05-237064

Notes

NS = No standard established

-- = Not analyzed or Reported for parameter

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
POD indicates exceedance of NR 140.10 F-6 Preventive Action Limit

BOLD indicates exceedance of NR 140.10 Enforcement Standard

J = Between Limit of detection & limit of quant amount

* = Lab contaminant

= Lab contaminant

Table A.1.i
Groundwater Analytical Table - VOC
 Bay Towel - Solvent Investigation
 501 Adams St., Green Bay, WI 54301
 BRRTS# 02-05-237064

Sample ID	Date	Groundwater Elevation	NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	SMW-3R				PZ-3								PZ-3R								MW-4																	
					2/25/21	5/28/21	10/12/21	9/28/22	7/2/10	1/13/14	6/17/15	5/5/17	8/10/17	11/15/17	1/23/19	6/28/19	4/23/20	2/26/21	5/28/21	10/12/21	9/29/22	8/2/00	4/5/01	6/3/03	9/16/03	12/1/03	3/16/04	6/28/04	9/24/04	12/15/04	3/16/05	9/28/05	3/15/06	2/27/07								
					581.71	583.12	582.61	583.24	550.14	--	--	564.97	565.24	565.72	578.42	567.78	571.62	579.51	583.26	582.60	583.53	584.52	585.28	585.01	584.96	584.92	585.64	585.28	583.38	584.66	583.29	583.96	584.59	583.04								
Tetrachloroethene (PCE)	(ug/L)	0.5	5	<0.65	1.9 J	3.7	5.6	<0.50	<0.17	<0.17	<0.50	<0.50	<0.50	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.85	<0.85	0.85	0.95	1.5	<0.50	8.2	1.3	1.1	<0.50	0.79 J	<0.5	<0.5								
Trichloroethene (TCE)	(ug/L)	0.5	5	8.3	7.3	6.3	8.0	<0.20	<0.19	<0.19	<0.33	<0.33	<0.33	<0.26	<0.26	<0.26	<0.26	0.43 J	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32					
cis-1,2-Dichloroethene	(ug/L)	7	70	446	412	127	216	<0.50	<0.12	<0.12	<0.26	<0.26	<0.26	<0.26	<0.27	<0.27	<0.27	64.5	43.4	30.6	22.7	<0.27	0.38 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50		
trans-1,2-Dichloroethene	(ug/L)	20	100	19.2	18.2	6.6	14.1	<0.50	<0.25	<0.25	<0.26	<0.26	<0.26	<0.26	<1.1	<1.1	<0.46	3.2	2.3	2.2	1.5	<0.35	<0.35	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50			
Vinyl Chloride	(ug/L)	0.02	0.2	63.3	52.7	13.0	24.3	<0.20	<0.10	<0.10	<0.18	<0.18	<0.18	<0.17	<0.17	<0.17	12.5	6.8	4.8	1.7	<0.19	<0.19	<0.50	<0.25	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20		
Methylene Chloride	(ug/L)	0.5	5	<1.2	--	--	--	<1.0	<0.68	<0.68	<0.23	<0.23	<0.23	<0.58	<0.58	<0.58	<0.58	--	--	--	--	<0.36	1.3	<1.0	4.6*	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Benzene	(ug/L)	0.5	5	<0.49	--	--	--	<0.20	<0.074	<0.074	<0.50	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	--	--	--	--	<0.29	<0.29	<0.25	<0.25	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
Ethylbenzene	(ug/L)	140	700	<0.64	--	--	--	<0.50	<0.13	<0.13	<0.50	<0.50	<0.50	<0.22	<0.22	<0.22	<0.22	--	--	--	--	<0.57	<0.57	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50		
Toluene	(ug/L)	160	800	<0.54	--	--	--	<0.50	<0.11	<0.11	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50					
m&p-Xylene	(ug/L)	NS	NS	<0.93	--	--	--	--	--	--	<1.0	<1.0	<1.0	<0.47	<0.47	<0.47	<0.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
o-Xylene	(ug/L)	NS	NS	<0.52	--	--	--	--	--	--	<0.50	<0.50	<0.50	<0.26	<0.26	<0.26	<0.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
Xylenes (TOTAL)	(ug/L)	400	2,000	<1.45	--	--	--	<0.50	<0.068	<0.068	<1.5	<1.5	<1.5	<0.73	<0.73	<0.73	<0.73	--	--	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50		
Naphthalene	(ug/L)	10	100	<2.4	--	--	--	<0.25	<0.16	<0.16	<2.5	<2.5	<2.5	<2.5	<1.2	<1.2	<1.2	<1.2	--	--	<0.27	<0.27	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25		
MTBE	(ug/L)	12	60	<2.5	--	--	--	<0.50	<0.24	<0.24	<0.17	<0.17	<0.17	<1.2	<1.2	<1.2	<1.2	--	--	<0.94	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	<1.7	--	--	--																																			

Table A.1.i
Groundwater Analytical Table - VOC
 Bay Towel - Solvent Investigation
 501 Adams St., Green Bay, WI 54301
 BRRTS# 02-05-237064

Sample ID	Date			MW-4 (cont'd)																				PZ-4													
		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	9/18/07	3/18/08	9/11/08	3/23/10	7/1/10	1/13/14	6/18/15	5/5/17	8/10/17	11/15/17	1/23/19	6/28/19	4/23/20	2/26/21	5/28/21	10/12/21	9/29/22	7/2/10	1/13/14	6/23/15	5/5/17	8/10/17	11/15/17	1/23/19	6/28/19	4/23/20	2/26/21	5/28/21	10/12/21	9/29/22				
				583.91	584.59	583.40	584.90	584.97	--	--	585.74	583.97	582.75	582.89	583.64	585.09	580.70	582.46	582.86	583.78	550.32	--	--	567.17	566.48	566.06	570.07	569.31	571.56	572.16	571.50	571.39	571.49				
Tetrachloroethene (PCE) (ug/L)	0.5	5	0.56 J	<0.5	0.66 J	0.53 J	0.97 J	<0.17	2.0	1.1	2.6	1.1	0.39 J	0.67 J	0.50 J	1.2	<0.41	0.79 J	0.62 J	<0.50	<0.17	<0.17	<0.50	<0.50	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41						
Trichloroethene (TCE) (ug/L)	0.5	5	<0.2	<0.2	<0.2	<0.20	<0.20	<0.19	<0.19	<0.33	<0.33	<0.33	<0.26	<0.26	<0.26	<0.26	<0.32	<0.32	<0.32	<0.20	<0.19	<0.19	<0.33	<0.33	<0.26	<0.26	<0.26	<0.32	<0.32	<0.32	<0.32						
cis-1,2-Dichloroethene (ug/L)	7	70	<0.5	<0.5	<0.5	<0.50	<0.50	<0.12	<0.12	<0.26	<0.26	<0.26	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47	<0.50	<0.12	2.6	<0.26	<0.26	<0.27	<0.27	<0.47	<0.47	<0.47	<0.47							
trans-1,2-Dichloroethene (ug/L)	20	100	<0.5	<0.5	<0.5	<0.50	<0.50	<0.25	<0.25	<0.26	<0.26	<0.26	<1.1	<1.1	<0.46	<0.46	<0.53	<0.53	<0.53	<0.50	<0.25	<0.26	<0.26	<1.1	<1.1	<0.26	<0.46	<0.53	<0.53	<0.53							
Vinyl Chloride (ug/L)	0.02	0.2	<0.2	<0.2	<0.20	<0.20	<0.10	<0.18	<0.18	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.20	<0.10	7.7	<0.18	<0.18	<0.18	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17							
Methylene Chloride (ug/L)	0.5	5	<1	<1	<1.0	<1.0	<0.68	<0.68	<0.23	<0.23	<0.58	<0.58	<0.58	--	--	--	--	<1.0	<0.68	<0.68	<0.23	<0.23	<0.58	<0.58	<0.58	--	--	--	--	--							
Benzene (ug/L)	0.5	5	<0.2	<0.2	<0.2	<0.20	<0.20	<0.074	<0.074	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	--	--	--	--	<0.20	<0.074	<0.074	<0.50	<0.50	<0.25	<0.25	<0.25	--	--	--							
Ethylbenzene (ug/L)	140	700	<0.50	<0.50	<0.50	<0.50	<0.13	<0.13	<0.50	<0.50	<0.22	<0.22	<0.32	<0.32	--	--	--	--	<0.50	<0.13	<0.13	<0.50	<0.50	<0.22	<0.22	<0.32	--	--	--								
Toluene (ug/L)	160	800	<0.2	<0.2	<0.2	<0.50	<0.50	<0.11	<0.11	<0.50	<0.50	<0.50	<0.50	<0.17	<0.17	<0.27	<0.27	--	--	<0.50	<0.11	<0.11	<0.50	<0.50	<0.17	<0.17	<0.27	--	--	--							
m&p-Xylene (ug/L)	NS	NS	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.26	<0.26	<0.26	--	--	--	--	--	--	--	<1.0	<1.0	<1.0	<0.47	<0.47	<0.47	--	--	--						
o-Xylene (ug/L)	NS	NS	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.26	<0.26	<0.26	--	--	--	--	--	--	--	<0.50	<0.50	<0.26	<0.26	<0.26	<0.26	--	--	--						
Xylenes (TOTAL) (ug/L)	400	2,000	<0.5	<0.5	<0.5	<0.50	<0.50	<0.068	<0.068	<1.5	<1.5	<1.50	<0.73	<0.73	<0.73	--	--	--	--	<0.50	<0.068	<0.068	<1.5	<1.5	<1.50	<0.73	<0.73	<0.73	--	--	--						
Naphthalene (ug/L)	10	100	<0.25	<0.25	<0.25	<0.25	<0.25	<0.16	<0.16	<2.5	<2.5	<2.5	<2.5	<1.2	<1.2	<1.2	<1.2	--	--	<0.25	<0.16	<0.16	<2.5	<2.5	<2.5	<1.2	<1.2	<1.2	<1.2	--	--						
MTBE (ug/L)	12	60	--	--	--	<0.50	<0.50	<0.24	<0.24	<0.17	<0.17	<1.2	<1.2	<1.2	<1.2	--	--	<0.50	<0.24	<0.24	<0.17	<0.17	<1.2	<1.2	<1.2	<1.2	--	--	--								
1,2,4-Trimethylbenzene (ug/L)	NS	NS	--	--	--	<0.20	<0.20	<0.14	<0.14	<0.50	<0.50	<0.84	<0.84	<0.84	<0.84	--	--	<0.20	<0.14	<0.14	<0.50	<0.50	<0.84	<0.84	<0.84	<0.84	--	--	--								
1,3,5-Trimethylbenzene (ug/L)	NS	NS	--	--	--	<0.20	<0.20	<0.18	<0.18	<0.50	<0.50	<0.87	<0.87	<0.87	<0.87	--	--	<0.20	<0.18	<0.18	<0.50	<0.50	<0.87	<0.87	<0.87	<0.87	--	--	--								
Trimethylbenzene Total (1,2,4- & 1,3,5-) (ug/L)	96	480	--	--	--	<0.40	<0.40	<0.32	<0.32	<1.0	<1.0	<1.71	<1.71	<1.71	<1.71	--	--	<0.40	<0.32	<0.32	<1.0	<1.0	<1.71	<1.71	<1.71	<1.71	--	--	--								
Bromobenzene (ug/L)	NS	NS	--	--	--	<0.20	<0.20	<0.25	<0.25	<0.23	<0.23	<0.23	<0.24	<0.24	<0.24	--	--	<0.20	<0.25	<0.25	<0.23	<0.23	<0.23	<0.24	<0.24	<0.24	--	--	--								
Bromochloromethane (ug/L)	NS	NS	--	--	--	<0.50	<0.50	<0.40	<																												

Table A.1.i
Groundwater Analytical Table - VOC
 Bay Towel - Solvent Investigation
 501 Adams St., Green Bay, WI 54301
 BRRTS# 02-05-237064

Sample ID	Date	NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	MW-5																														
				8/2/00	4/5/01	6/4/03	9/17/03	12/2/03	3/17/04	6/29/04	9/30/04	12/16/04	3/17/05	9/28/05	3/15/06	2/26/07	6/13/07	9/17/07	12/13/07	3/18/08	6/2/08	9/12/08												
Groundwater Elevation				581.05	580.09	581.17	580.79	580.91	581.03	581.61	579.94	--	580.74	--	580.32	--	580.53	--	581.39	--	580.30	--	581.81	--	581.18	--	580.60	--	581.32	--	582.13	--	581.90	--
Tetrachloroethene (PCE)	(ug/L)	0.5	5	<4.2	<4.2	2.3	<2.5	<4.0	<5.0	<4.0	<5.0	<5.0	<2.0	<4.0	<4.0	<2.5	<4	0.57 J	0.52 J	<2.5	3.5 J	3.4 J	<2.5	<2.5	<2.5	<2	<1	10	9.4	2.1 J	<2.5			
Trichloroethene (TCE)	(ug/L)	0.5	5	<1.6	<1.6	0.5	<1.2	<1.6	2.4	<1.6	<2.0	<2.0	<0.80	<1.6	<1.6	<1.0	<1.6	<0.2	0.22 J	<1	<0.8	<1	<1	<1	<1	<1	<0.8	<0.4	1.1	1.0 J	0.82 J	<1		
cis-1,2-Dichloroethene	(ug/L)	7	70	70	680	340	520	560	440	480	670	660	370	370	380	360	360	290	250	250	220	200	410	430	250	280	100	110	130	110	300	290		
trans-1,2-Dichloroethene	(ug/L)	20	100	9.5	5.2 J	5.4	10	8.6	5.7	9.2	13	12	6.2	7.2	<4.0	<4.0	<4.0	<2.5	<4	0.57 J	0.52 J	<2.5	3.5 J	3.4 J	<2.5	<2.5	<2.5	<2	<1	10	9.4	2.1 J	<2.5	
Vinyl Chloride	(ug/L)	0.02	0.2	2.0 J	1.8 J	0.87	<1.2	<1.6	<2.0	<1.6	<2.0	<2.0	<2.0	<2.0	<1.6	<1.6	<1.0	<1.6	0.92	1.1	<1	<0.8	<1	1.2 J	1.7 J	<1	<1	<0.8	<0.4	0.37 J	<0.4	0.88 J	<1	
Methylene Chloride	(ug/L)	0.5	5	<1.8	<1.8	<1.0	5.8*	<8.0	<10	<8.0	<10	<10	<4.0	<8.0	<8.0	<5.0	<5.0	<8	<1	<1	<5	<4	<5	<5	<5	<4	<2	<1	<1	<0.8	<0.4	<0.2	<0.4	<1
Benzene	(ug/L)	0.5	5	<1.4	<1.4	<0.25	<1.2	<1.6	<2.0	<1.6	<2.0	<2.0	<2.0	<0.80	<1.6	<1.6	<1.0	<1.6	<0.2	<1	<0.8	<1	<1	<1	<1	<1	<0.8	<0.4	<0.2	<0.4	<1			
Ethylbenzene	(ug/L)	140	700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--					
Toluene	(ug/L)	160	800	<5.5	<5.5	<0.25	<1.2	<1.6	<2.0	<1.6	<2.0	<2.0	<2.0	<0.80	<1.6	<1.6	<1.0	<1.6	<0.2	<1	<0.8	<1	<1	<1	<1	<0.8	<0.4	<0.2	<0.4	<1				
m&p-Xylene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--					
o-Xylene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--					
Xylenes (TOTAL)	(ug/L)	400	2,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--						
Naphthalene	(ug/L)	10	100	<1.4	<1.4	<0.25	<1.2	<2.0	<2.5	<2.5	<2.5	<2.5	<1.0	<2.0	<2.0	<1.2	<2	<0.25	<1.2	<1	<1.2	<1.2	<1.2	<1.2	<1	<0.5	<0.25	<0.5	<0.5	<1.2				
MTBE	(ug/L)	12	60	<1	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--					
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--						
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--						
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	96	480	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--						
Bromobenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--						
Bromochloromethane	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--						
Bromodichloromethane	(ug/L)	0.06	0.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--						
Bromoform	(ug/L)	0.44	4.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--						
Bromomethane	(ug/L)	1	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--						
n-Butylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--						
sec-Butylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--						
tert-Butylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--						
Carbon Tetrachloride	(ug/L)	0.5	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--						
Chlorobenzene	(ug/L)	NS	NS	<0.95	<0.95	<0.25	<1.2	<1.6	<2.0	<2.0	<2.0	<0.80	<1.6	<1.6	<1.0	<1.6	<0.2	<0.2	<1	<0.8	<1	<1	<1	<1	<0.8	<0.4	<0.2	<0.4	<0.4	<1				
Chloroethane	(ug/L)	80	400	<2.3	<2.3	<1.0	<5.0	<8.0	<10	<8.0	<10	<10	<4.0	<8.0	<8.0	<5.0	<5.0	<8	<1	<														

Table A.1.i
Groundwater Analytical Table - VOC
Bay Towel - Solvent Investigation
501 Adams St., Green Bay, WI 54301
BRRTS# 02-05-237064

Notes:

NS = No standard established

-- = Not analyzed or Reported for parameter

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
BOLD indicates exceedance of NR 140.10 E.6.1.1 Standard.

BOLD indicates exceedance of NR 140.10 Enforcement Standard

J = Between Limit of detection & limit of quantification

* = Lab. contaminant

^{*} = Lab contaminant

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Table A.1.i
Groundwater Analytical Table - VOC
Bay Towel - Solvent Investigation
501 Adams St., Green Bay, WI 54301
BRRTS# 02-05-237064

Sample ID	Date			MW-6																															
	Groundwater Elevation	NR 140-10 Preventive Action Limit	NR 140-10 Enforcement Standard	8/2/00	4/4/01	8/13/01	6/3/03	9/15/03	12/3/03	1/9/04	3/17/04	6/28/04	9/29/04	12/15/04	3/16/05	9/28/05	3/14/06	2/27/07	9/18/07	3/18/08	9/11/08	3/23/10	6/30/10	1/10/14	6/18/15	5/5/17	8/10/17	11/15/17	1/23/19	6/28/19	4/23/20	2/26/21	5/28/21	10/12/21	9/29/21
		584.47	584.33	584.11	584.70	585.15	584.50	--	585.08	584.89	583.24	584.50	583.29	584.10	584.24	581.92	583.92	584.07	583.50	584.37	584.75	--	--	585.41	583.51	581.43	582.82	583.80	584.58	581.70	583.15	582.40	583.37		
Tetrachloroethene (PCE)	(ug/L)	0.5	5	<0.85	1.5 J	<0.57	<0.50	<0.50	210	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.50	<0.17	<0.17	<0.50	<0.50	<0.33	<0.33	4.2	1.9	1.7	0.80			
Trichloroethene (TCE)	(ug/L)	0.5	5	<0.32	<0.32	<0.89	<0.25	<0.25	100	0.29	<0.20	<0.20	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20	<0.19	<0.19	<0.33	<0.33	<0.26	<0.26	0.36 J	<0.32	<0.32	<0.32			
cis-1,2-Dichloroethene	(ug/L)	7	70	<0.27	<0.27	3.9	<0.50	<0.50	140	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.50	<0.12	<0.12	<0.26	<0.26	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47			
trans-1,2-Dichloroethene	(ug/L)	20	100	<0.35	<0.35	<0.79	<0.50	<0.50	11	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.50	<0.25	<0.25	<0.26	<0.26	<1.1	<1.1	<0.46	<0.53	<0.53				
Vinyl Chloride	(ug/L)	0.02	0.2	<0.19	<0.19	<0.18	<0.50	<0.50	4.7	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20	<0.10	<0.18	<0.18	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17				
Methylene Chloride	(ug/L)	0.5	5	<0.36	1.1	<0.85	<1.0	4.9*	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1	<1	<1	<1	<1	<1	<1.0	<0.68	<0.23	<0.23	<0.58	<0.58	<0.58	--	--	--					
Benzene	(ug/L)	0.5	5	<0.29	<0.29	<0.48	<0.25	<0.25	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20	<0.074	<0.074	<0.50	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	--				
Ethylbenzene	(ug/L)	140	700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.13	<0.13	<0.50	<0.50	<0.50	<0.22	<0.22	<0.32	--				
Toluene	(ug/L)	160	800	<1.1	<1.1	4.8	<0.25	<0.25	0.29	0.78	<0.20	<0.20	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.50	<0.11	<0.11	<0.50	<0.50	<0.17	<0.17	<0.27	--	--					
m- α -Xylene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	<1.0	<1.0	<0.47	<0.47	<0.47	<0.47	--						
o-Xylene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50	<0.26	<0.26	<0.26	<0.26	--						
Xylenes (TOTAL)	(ug/L)	400	2,000	--	--	--	<0.50	<0.50	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.50	<0.68	1.9	<1.5	<1.5	<1.50	<0.73	<0.73	<0.73	--					
Naphthalene	(ug/L)	10	100	<0.27	<0.27	<0.59	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.16	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	--				
MTBE	(ug/L)	12	60	<0.2	<0.2	<0.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.24	<0.24	<0.17	<0.17	<1.2	<1.2	<1.2	<1.2					
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.14	<0.14	<0.50	<0.50	<0.84	<0.84	<0.84	<0.84				
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.18	<0.18	<0.18	<0.50	<0.50	<0.87	<0.87	<0.87	<0.87					
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	96	480	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.40	<0.40	<0.32	<0.32	<1.0	<1.0	<1.0	<1.71	<1.71	<1.71					
Bromobenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.25	<0.25	<0.23	<0.23	<0.23	<0.24	<0.24	<0.24					
Bromochloromethane	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.40	<0.40	<0.34	<0.34	<0.36	<0.36	<0.36	<0.36					
Bromodichloromethane	(ug/L)	0.06	0.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.17	<0.17	<0.50	<0.50	<0.50	<0.36	<0.36	<0.36					
Bromoform	(ug/L)	0.44	4.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.28	<0.28	<0.50	<0.50	<0.50	<4.0	<4.0	<4.0						
Bromomethane	(ug/L)	1	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.31	<0.31	<2.4	<2.4	<2.4	<0.97	<0.97	<0.97						
n-Butylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.13	<0.13	<0.50	<0.50	<0.71	<0.71	<0.71						
sec-Butylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.15	<0.15	<2.2	<2.2	<2.2	<0.85	<0.85	<0.85					
tert-Butylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.14	<0.14	<0.18	<0.18	<0.30	<0.30	<0.30						
Carbon Tetrachloride	(ug/L)	0.5	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.80	<0.80	<0.26	<0.26	<0.50	<0.50	<0.17	<0.17	<1.1						
Chlorobenzene	(ug/L)	NS	NS	<0.19	<0.19	<0.55	<0.25	<0.25	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20	<0.14	<0.14	<0.50	<0.50	<0.71	<0.71	<0.71							
Chloroethane	(ug/L)	80	400	<0.46	<0.46	<0.57	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1	<1	<1	<1	<1	<1	<1.0	<0.34	<0.34	<0.37	<0.37	<0.37	<1.3	<1.3	<1.3					
Chloroform	(ug/L)	0.6	6	<0.29	<0.29	<0.75	<0.25	<0.25	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	<0.20	<0.20	<2.5	<2.5	<2.5	<1.3							
Chloromethane	(ug/L)	3	30	<0.42	<0.42	3.9	<0.25	<0.25	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20	<0.30	<0.18	<0.18	<0.50	<0.50	<0.50	<2.2	<2.2						
2-Chlorotoluene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.21	<0.21	<0.50	<0.50	<0.50	<0.93	<0.93	<0.93						
4-Chlorotoluene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.20	<0.21	<0.21	<0.21	<0.76	<0.76							
1,2-Dibromo-3-chloropropane	(ug/L)	0.02	0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.87	<0.87	<2.2	<2.2	<2.2	<1.8	<1.8							
Dibromochloromethane	(ug/L)	6	60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.32	<0.32	<0.50	<0.50	<0.50	<2.6	<2.6							
1,2-Dibromoethane (EDB)</																																			

Notes:

NS = No standard established

-- = Not analyzed or Reported for parameter

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit

BOLD indicates exceedance of NR 140.10 Enforcement Standard

J = Between Limit of detection & limit of quant.

amount

* = Lab contaminant

\\\powervault\Shared Client Data\Bay Towel\21-1121 SIWP\D

Table A.1.i
Groundwater Analytical Table - VOC
Bay Towel - Solvent Investigation
501 Adams St., Green Bay, WI 54301
BRRTS# 02-05-237064

Notes:

NS = No standard established

-- = Not analyzed or Reported for parameter

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
POL indicates exceedance of NR 140.10 E.5.6.1.1 Standard.

BOLD indicates exceedance of NR 140.10 Enforcement Standard

J = Between Limit of detection & limit of quant amount

* = Lab contaminant

= Lab contaminant

\\\powervault\Shared Client Data\Bay Towel\21-1121 SIWP\D

Table A.1.i
Groundwater Analytical Table - VOC
Bay Towel - Solvent Investigation
501 Adams St., Green Bay, WI 54301
BRRTS# 02-05-237064

Sample ID	Date		MW-8																																		
	Groundwater Elevation		NR 140-10 Preventive Action Limit	NR 140-10 Enforcement Standard	8/2/00	4/4/01	8/13/01	6/3/03	9/16/03	12/3/03	3/17/04	6/29/04	9/29/04	12/15/04	3/16/05	9/28/05	3/14/06	2/27/07	9/18/07	3/18/08	9/11/08	3/24/10	6/30/10	4/8/13	1/13/14	5/8/14	6/18/15	5/5/17	8/10/17	11/15/17	1/23/19	6/28/19	4/23/20	2/26/21	5/28/21	10/12/21	9/29/21
					581.73	580.61	581.33	581.90	582.35	581.85	581.98	582.61	581.33	581.76	581.05	581.18	581.91	581.02	581.70	581.41	581.71	581.90	582.58	--	--	--	583.89	582.46	581.03	581.69	583.52	583.46	581.21	581.37	581.59	582.56	
Tetrachloroethene (PCE)	(ug/L)	0.5	5	<0.85	<0.85	2.1	5.2	5.8	8.7	3.3	13	5	4.6	<0.50	6.1	1.7	0.81 J	8.9	<0.5	6	2.6	10	4.2	1.5	<0.17	7.5	<0.50	1.3	<0.50	4.2	2.6	1.9	<0.33	2.4	5.0	2.9	
Trichloroethene (TCE)	(ug/L)	0.5	5	0.32 J	<0.32	1.0 J	1.8	2.6	1.2	2.7	2.4	1.8	0.29	2.6	0.73	0.51 J	2.8	0.37 J	1.6	0.82	2.1	0.99	0.55	<0.19	0.90	<0.33	<0.33	<0.33	0.68 J	<0.26	0.37 J	<0.26	0.59 J	1.1	0.53 J		
cis-1,2-Dichloroethene	(ug/L)	7	70	5	4.4	5	2.9	5	3.6	4.8	1.4	2.6	4.3	6.1	3.7	6.6	6.8	1.9	7	2.8	4.2	1.3 J	2.9	4.9	<0.12	<0.26	0.72 J	0.63 J	0.57 J	<0.27	0.82 J	<0.27	1.5	0.89 J	1.3		
trans-1,2-Dichloroethene	(ug/L)	20	100	<0.35	<0.35	<0.79	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.5	<0.5	<0.5	<0.50	<0.50	<0.25	<0.25	<0.25	<0.26	<0.26	<0.26	<1.1	<1.1	<0.46	<0.46	<0.53	<0.53			
Vinyl Chloride	(ug/L)	0.02	0.2	<0.19	0.27 J	<0.18	<0.50	<0.25	<0.20	<0.20	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20	<0.10	1.3	<0.10	<0.18	<0.18	0.66 J	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17				
Methylene Chloride	(ug/L)	0.5	5	<0.36	1.1	<0.85	<1.0	5.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
Benzene	(ug/L)	0.5	5	<0.29	<0.29	<0.48	<0.25	<0.25	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2	<0.2	<0.2	<0.20	<0.074	<0.074	<0.074	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50			
Ethylbenzene	(ug/L)	140	700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.13	<0.13	<0.13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50						
Toluene	(ug/L)	160	800	<1.1	<1.1	8	<0.25	<0.25	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2				
m&p-Xylene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--					
o-Xylene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--					
Xylenes (TOTAL)	(ug/L)	400	2,000	--	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.5	<0.5	<0.5	<0.50	<0.068	<0.068	<0.068	0.58 J	<1.5	<1.5	<1.50	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73				
Naphthalene	(ug/L)	10	100	<0.27	<0.27	<0.59	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16					
MTBE	(ug/L)	12	60	<0.2	<0.2	0.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.24	<0.24	<0.24	<0.24	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17						
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14						
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18							
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	96	480	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.40	<0.40	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32							
Bromobenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.25	<0.25	<0.25	<0.25	<0.23	<0.23	<0.23	<0.23	<0.23							
Bromoform	(ug/L)	0.44	4.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.28	<0.28	<0.28	<0.28	<0.50	<0.50	<0.50	<0.50	<0.50							
Bromomethane	(ug/L)	1	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31							
n-Butylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13							
sec-Butylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15							
tert-Butylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14							
Carbon Tetrachloride	(ug/L)	0.5	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.80	<0.80	<0.26	<0.26	<0.26	<0.26	<0.50	<0.50	<0.50	<0.50	<0.50							
Chlorobenzene	(ug/L)	NS	NS	<0.19	<0.19	<0.55	<0.25	<0.25	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.20	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14					
Chloroethane	(ug/L)	80	400	<0.46	<0.46	<0.57	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0					
Chloroform	(ug/L)	0.6	6	<0.29	<0.29	<0.75	<0.25	<0.25	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2	<0.2	<0.2	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20						
Chloromethane	(ug/L)	3	30	<0.42	<0.42	3.2	<0.25	<0.25	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2	<0.2	<0.2	<0.30	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18						
2-Chlorotoluene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.21	<0.21	<0.21	<0.21	<0.50	<0.50	<0.50	<0.50	<0.50							
4-Chlorotoluene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20								
1,2-Dibromo-3-chloropropane	(ug/L)	0.02	0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.87	<0.87	<0.87	<0														

Notes:

NS = No standard established

-- = Not analyzed or Reported for parameter

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
POD indicates exceedance of NR 140.10 F-6 Preventive Action Limit

BOLD indicates exceedance of NR 140.10 Enforcement Standard

J = Between Limit of detection & limit of quant amount

* = Lab contaminant

= Lab contaminant

\powerVault\Shared Client Data\Bay Towel\21-1121 SIWP\D

Table A.1.i
Groundwater Analytical Table - VOC
Bay Towel - Solvent Investigation
501 Adams St., Green Bay, WI 54301
BRRTS# 02-05-237064

Notes

NS = No standard established

-- = Not analyzed or Reported for parameter

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
POLY indicates exceedance of NR 140.10 E. of Part Standard.

BOLD indicates exceedance of NR 140.10 Enforcement Standard

J = Between Limit of detection & limit of quantification

* = Lab contaminant

= Lab contaminant

\powerVault\Shared Client Data\Bay Towel\21-1121 SIWP\

Table A.1.i
Groundwater Analytical Table - VOC
Bay Towel - Solvent Investigation
501 Adams St., Green Bay, WI 54301
BRRTS# 02-05-237064

Sample ID	MW-10		MW-11																														
	Date	NR 140-10	Preventive Action Limit	NR 140-10	Enforcement Standard																												
	Groundwater Elevation	--	--	580.27	580.61	580.95	579.65	580.23	579.86	580.35	579.57	579.77	580.38	579.82	580.45	580.72	--	--	581.35	581.13	580.20	581.98	582.24	580.72	580.88	581.04	581.04	--	--	--			
Tetrachloroethene (PCE)	(ug/L)	0.5	5	<0.85	<0.57	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.17	<0.17	<0.50	<0.50	<0.33	<0.33	<0.41	<0.41	<0.41	200	58	180			
Trichloroethene (TCE)	(ug/L)	0.5	5	<0.32	<0.89	<0.25	0.35	0.23	<0.20	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.19	<0.19	<0.33	<0.33	<0.26	<0.26	<0.32	<0.32	<0.32	78	81	95			
cis-1,2-Dichloroethene	(ug/L)	7	70	<0.27	<0.73	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.12	<0.12	<0.26	<0.26	<0.27	<0.27	<0.47	<0.47	<0.47	110	140	74		
trans-1,2-Dichloroethene	(ug/L)	20	100	<0.35	<0.79	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.25	<0.25	<0.26	<0.26	<1.1	<0.46	<0.46	<0.53	<0.53	<0.53	6.4	4.5	4	
Vinyl Chloride	(ug/L)	0.02	0.2	0.43 J	1.5	<0.50	1.3	<0.20	<0.20	0.81	<0.20	0.39 J	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20	<0.10	<0.18	<0.18	<0.17	<0.17	<0.17	<0.17	<0.17	7.5	6.2	0.7			
Methylene Chloride	(ug/L)	0.5	5	1.4	<0.85	<1.0	4.8*	<1.0	<1.0	<1.0	<1.0	<1	<1	<1	<1	<1	<1	<1	<1.0	<0.68	<0.23	<0.23	<0.58	<0.58	<0.58	--	--	--	1.2	<0.85	<1.0		
Benzene	(ug/L)	0.5	5	<0.29	<0.48	<0.25	<0.25	0.28	<0.20	<0.20	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20	<0.074	<0.50	<0.50	<0.50	<0.25	<0.25	<0.25	--	--	--	<0.29	<0.48	<0.2		
Ethylbenzene	(ug/L)	140	700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.13	<0.13	<0.50	<0.50	<0.22	<0.22	<0.32	--	--	--	--	--	--	
Toluene	(ug/L)	160	800	<0.13	5.6	0.28	0.26	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20	<0.11	<0.11	<0.50	<0.50	<0.17	<0.17	<0.27	<0.27	--	--	--	0.13	9.6	<0.2	
m,p-Xylene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	<1.0	<1.0	<0.47	<0.47	<0.47	--	--	--	--	--	--		
o-Xylene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50	<0.26	<0.26	<0.26	--	--	--	--	--	--			
Xylenes (TOTAL)	(ug/L)	400	2,000	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.50	<0.68	0.94 J	<1.5	<1.50	<0.73	<0.73	--	--	--	--	--	<0.5			
Naphthalene	(ug/L)	10	100	<0.27	<0.59	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	2.7	<0.25	<0.16	<0.16	<2.5	<2.5	<2.5	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1		
MTBE	(ug/L)	12	60	<0.2	<0.67	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.24	<0.24	<0.17	<0.17	<0.17	<1.2	<1.2	<1.2	--	--	<0.2	<0.67	--
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.14	<0.14	<0.50	<0.50	<0.84	<0.84	--	--	--	--	--	--	
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.18	<0.18	<0.50	<0.50	<0.87	<0.87	--	--	--	--	--	--		
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	96	480	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.40	<0.40	<0.32	<0.32	<1.0	<1.0	<1.71	<1.71	--	--	--	--	--	--		
Bromobenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.25	<0.25	<0.23	<0.23	<0.24	<0.24	--	--	--	--	--	--		
Bromochloromethane	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.40	<0.40	<0.34	<0.34	<0.36	<0.36	--	--	--	--	--	--		
Bromodichloromethane	(ug/L)	0.06	0.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.17	<0.17	<0.50	<0.50	<0.36	<0.36	--	--	--	--	--	--		
Bromoform	(ug/L)	0.44	4.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.28	<0.28	<0.50	<0.50	<4.0	<4.0	--	--	--	--	--	--		
Bromomethane	(ug/L)	1	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.31	<0.31	<2.4	<2.4	<2.4	<0.97	<0.97	<0.97	--	--	--	--	--	--
n-Butylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.13	<0.13	<0.50	<0.50	<0.71	<0.71	--	--	--	--	--	--		
sec-Butylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.15	<0.15	<2.2	<2.2	<2.2	<0.85	<0.85	--	--	--	--	--	--	
tert-Butylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.14	<0.14	<0.18	<0.18	<0.30	<0.30	--	--	--	--	--	--		
Carbon Tetrachloride	(ug/L)	0.5	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.80	<0.80	<0.26	<0.26	<0.50	<0.50	<0.17	<1.1	--	--	--	--	--	--		
Chlorobenzene	(ug/L)	NS	NS	<0.19	<0.55	<0.25	<0.25	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20	<0.14	<0.50	<0.50	<0.71	<0.71	--	--	--	<0.19	<0.55	<0.2				
Chloroethane	(ug/L)	80	400	<0.46	<0.57	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1	<1	<1	<1	<1	<1.0	<0.34	<0.34	<0.37	<0.37	<1.3	<1.3	--	--	<0.46	0.88 J	<1.0				
Chloroform	(ug/L)	0.6	6	<0.29	<0.75	<0.25	<0.25	<0.20	<0.20	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	<0.20	<0.20	<2.5	<2.5	<2.5	<0.94	<0.75	<0.20	--	--	--			
Chloromethane	(ug/L)	3	30	<0.42	2.4	0.47	<0.25	<0.20	<0.20	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.30	<0.18	<0.50	<0.50	<0.50	<0.22	<0.22	<2.2	--	--	<0.42	2.5	<0.20			
2-Chlorotoluene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.21	<0.21	<0.50	<0.50	<0.93	<0.93	--	--	--	--	--	--		
4-Chlorotoluene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.20	<0.20	<0.21	<0.21	<0.76	<0.76	--	--	--	--	--	--		
1,2-Dibromo-3-chloropropane	(ug/L)	0.02	0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.87	<0.87	<2.2	<2.2	<2.2	<1.8	--	--	--	--	--			
Dibromochloromethane	(ug/L)	6	60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.32	<0.32	<0.50	<0.50	<2.6	<2.6	--	--	--	--	--	--		
1,2-Dibromoethane (EDB)	(ug/L)	0.005	0.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.27	<0.27	<0.18	<0.18	<0.18	<0.83	--	--	--	--	--	--		
Dibromomethane	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.33	<0.33	<0.43	<0.43	<0.43	<0.94	--	--	--	--	--	--		
1,2-Dichlorobenzene	(ug/L)	60	600	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.27	<0.27	<0.50	<0.50	<0.71	<0.71	--	--	--	--	--	--		
1,3-Dichlorobenzene	(ug/L)	120	600	<0.12	<0.54	<0.25	<0.25	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20	<0.15	<0.50	<0.50	<0.63	<0.63	--	--	<0.12	<0.54	<0.20					
1,4-Dichlorobenzene	(ug/L)	15	75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.15	<0.15	<0.50	<0.50	<0.94	<0.94	--	--	--	--	--	--		
Dichlorodifluoromethane	(ug/L																																

Notes

NS = No standard established

-- = Not analyzed or Reported for parameter

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
SQLD indicates exceedance of NR 140.10 E-Source Standard

BOLD indicates exceedance of NR 140.10 Enforcement Standard

J = Between Limit of detection & limit of quantification amount

* = Lab contaminant

- Lab contaminant

Table A.1.i
Groundwater Analytical Table - VOC
 Bay Towel - Solvent Investigation
 501 Adams St., Green Bay, WI 54301
 BRRTS# 02-05-237064

Sample ID		Date Groundwater Elevation	NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	MW-12																															
					8/13/01	6/3/03	9/16/03	12/3/03	3/17/04	6/29/04	9/29/04	12/15/04	3/16/05	9/28/05	3/14/06	2/27/07	9/18/07	6/2/08	9/11/08	3/23/10	6/30/10	1/10/14	6/17/15	5/5/17	8/10/17	11/15/17	1/23/19	6/28/19	4/23/20	2/26/21	5/28/21	10/12/21	9/29/22			
					585.67	584.80	585.84	585.06	585.79	585.62	582.16	585.11	584.79	582.36	585.74	585.64	582.45	584.40	582.43	584.98	585.21	585.52	583.54	583.03	583.28	584.03	584.85	583.31	583.64	582.60	583.51			
Tetrachloroethene (PCE)	(ug/L)	0.5	5	<0.57	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.17	<0.17	<0.50	<0.50	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41						
Trichloroethene (TCE)	(ug/L)	0.5	5	<0.89	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.19	<0.19	<0.33	<0.33	<0.26	<0.26	<0.26	<0.32	<0.32	<0.32						
cis-1,2-Dichloroethene	(ug/L)	7	70	<0.73	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.50	<0.50	<0.12	<0.12	<0.26	<0.26	<0.27	<0.27	<0.47	<0.47	<0.47					
trans-1,2-Dichloroethene	(ug/L)	20	100	<0.79	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.50	<0.50	<0.25	<0.25	<0.26	<0.26	<1.1	<1.1	<0.46	<0.46	<0.53	<0.53					
Vinyl Chloride	(ug/L)	0.02	0.2	<0.18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.10	<0.18	<0.18	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17						
Methylene Chloride	(ug/L)	0.5	5	<0.85	<1.0	4.6*	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1	<1	<1	<1	<1	<1.0	<0.68	<0.23	<0.23	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58					
Benzene	(ug/L)	0.5	5	<0.48	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	<0.074	<0.074	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25					
Ethylbenzene	(ug/L)	140	700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.13	4.0	<0.50	<0.50	<0.50	<0.50	<0.22	<0.22	<0.32	<0.32	<0.32					
Toluene	(ug/L)	160	800	6.1	<0.25	0.28	<0.20	<0.20	0.2	<0.20	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.11	<0.11	<0.50	<0.50	<0.50	<0.50	<0.17	<0.17	<0.27	<0.27	<0.27					
m&p-Xylene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	<1.0	<1.0	<1.0	<0.47	<0.47	<0.47	<0.47	<0.47					
o-Xylene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50	<0.50	<0.26	<0.26	<0.26	<0.26	<0.26					
Xylenes (TOTAL)	(ug/L)	400	2,000	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.50	<0.068	33	<1.5	<1.5	<1.50	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73					
Naphthalene	(ug/L)	10	100	<0.59	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.58	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.16	<0.16	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5					
MTBE	(ug/L)	12	60	<0.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.24	<0.24	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17						
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.14	<0.14	<0.50	<0.50	<0.84	<0.84	<0.84	<0.84	<0.84					
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.18	<0.18	<0.50	<0.50	<0.87	<0.87	<0.87	<0.87	<0.87						
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	96	480	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.40	<0.40	<0.32	<0.32	<1.0	<1.0	<1.71	<1.71	<1.71	<1.71	<1.71	<1.71							
Bromobenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.20	<0.20	<0.25	<0.25	<0.23	<0.23	<0.23	<0.23	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24					
Bromochloromethane	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.40	<0.40	<0.34	<0.34	<0.34	<0.34	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36					
Bromodichloromethane	(ug/L)	0.06	0.6	--	--	--																														

Table A.1.i
Groundwater Analytical Table - VOC
 Bay Towel - Solvent Investigation
 501 Adams St., Green Bay, WI 54301
 BRRTS# 02-05-237064

Sample ID	Date	MW-13													MW-14					MW-15					MW-16						
		NR 140.10 Preventive Action Limit		NR 140.10 Enforcement Standard																											
		3/23/10	6/30/10	1/10/14	6/17/15	5/5/17	8/10/17	11/15/17	1/23/19	6/28/19	4/23/20	2/26/21	5/28/21	10/12/21	9/29/22	2/26/21	3/15/21	5/28/21	10/12/21	9/29/22	2/26/21	5/28/21	10/12/21	9/29/22	2/26/21	3/15/21	5/28/21	10/12/21	9/29/22		
	Groundwater Elevation	580.91	580.84	--	--	582.87	581.75	581.09	581.50	582.09	582.49	581.11	581.22	581.47	581.83	--	571.40	571.54	579.54	584.13	576.24	577.82	580.23	583.91	--	--	570.77	579.12	584.18		
Tetrachloroethene (PCE)	(ug/L)	0.5	5	<0.50	<0.50	<0.17	<0.17	<0.50	<0.50	<0.50	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	36.0	799	193	130	49,300	41,300	33,600	13,100	258	331	127				
Trichloroethene (TCE)	(ug/L)	0.5	5	<0.20	<0.20	<0.19	<0.19	<0.33	<0.33	<0.26	<0.26	<0.26	<0.32	<0.32	<0.32		9.5	62.6	34.8	22.4	357	406	519	436	122	93.1	49.6				
cis-1,2-Dichloroethene	(ug/L)	7	70	<0.50	<0.50	<0.12	<0.12	<0.26	<0.26	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47		9.5	91.2	73.9	125	<54.2	<94.3	<94.3	299	2,910	1,150	979				
trans-1,2-Dichloroethene	(ug/L)	20	100	<0.50	<0.50	<0.25	<0.25	<0.26	<0.26	<1.1	<1.1	<0.46	<0.46	<0.53	<0.53	<0.53		0.64 J	4.4	4.3	4.2	<92.8	<106	<106		66.2	38.0	43.0			
Vinyl Chloride	(ug/L)	0.02	0.2	<0.20	<0.20	<0.10	<0.10	<0.18	<0.18	<0.18	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17		0.96 J	5.1	2.9	20.8	<34.9	<34.9	<34.9		31.5	89.4	94.1			
Methylene Chloride	(ug/L)	0.5	5	<1.0	<1.0	<0.68	<0.68	<0.23	<0.23	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58		<0.58	--	--	--	<116	--	--	--	--	--	--	--		
Benzene	(ug/L)	0.5	5	<0.20	<0.20	<0.074	<0.074	<0.50	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25		<0.25	--	--	--	<49.3	--	--	--	--	--	--	--		
Ethylbenzene	(ug/L)	140	700	<0.50	<0.50	<0.13	<0.13	<0.50	<0.50	<0.50	<0.22	<0.22	<0.32	<0.32	<0.32	<0.32		<0.32	--	--	--	<63.7	--	--	--	--	--	--	--		
Toluene	(ug/L)	160	800	<0.50	<0.50	<0.11	<0.11	<0.50	<0.50	<0.50	<0.17	<0.17	<0.27	<0.27	<0.27	<0.27		<0.27	--	--	--	<53.9	--	--	--	--	--	--	--		
m&p-Xylene	(ug/L)	NS	NS	--	--	--	--	<0.50	<0.50	<0.50	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26		<0.47	--	--	--	<93.1	--	--	--	--	--	--	--		
o-Xylene	(ug/L)	NS	NS	--	--	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50		<0.26	--	--	--	<52.4	--	--	--	--	--	--	--		
Xylenes (TOTAL)	(ug/L)	400	2,000	<0.50	<0.50	<0.068	<0.068	<1.5	<1.5	<1.50	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73		<0.84	<0.84	<0.84	<0.84	--	--	--	--	<1.5	--	--			
Naphthalene	(ug/L)	10	100	<0.25	<0.25	<0.16	<0.16	<2.5	<2.5	<2.5	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2		<1.2	--	--	--	<235	--	--	--	<1.2	--	--		
MTBE	(ug/L)	12	60	<0.50	<0.50	<0.24	<0.24	<0.17	<0.17	<0.17	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2		<1.2	--	--	--	<249	--	--	--	<1.2	--	--		
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	<0.20	<0.20	<0.14	<0.14	<0.50	<0.50	<0.50	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84		<0.84	--	--	--	<168	--	--	--	<0.84	--	--		
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	<0.20	<0.20	<0.18	<0.18	<0.50	<0.50	<0.50	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87		<0.87	--	--	--	<175	--	--	--	<0.87	--	--		
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	96	480	<0.40	<0.40	<0.32	<0.32	<1.0	<1.0	<1.0	<1.71	<1.71	<1.71	<1.71	<1.71	<1.71	<1.71		<1.71	--	--	--	<343	--	--	--	<1.71	--	--		
Bromobenzene	(ug/L)	NS	NS	<0.20	<0.20	<0.25	<0.25	<0.23	<0.23	<0.23	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24		<0.24	--	--	--	<48.2	--	--	--	<0.24	--	--		
Bromochloromethane	(ug/L)	NS	NS	<0.50	<0.50	<0.40	<0.40	<0.34	<0.34	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36		<0.36	--	--	--	<74.2	--	--	--	<0.36	--	--		
Bromodichloromethane	(ug/L)	0.06	0.6	<0.20	<0.20	<0.17	<0.17	<0.50	<0.50	<0.50	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36		<0.36	--	--	--	<72.7	--	--	--	<0.36	--	--		
Bromoform	(ug/L)	0.44	4.4	<0.20	<0.20	<0.28	<0.28	<0.50	<0.50	<0.50	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0		<4.0	--	--	--	<794	--	--	--	<4.0	--	--		</td

Table A.1.i
Groundwater Analytical Table - VOC
 Bay Towel - Solvent Investigation
 501 Adams St., Green Bay, WI 54301
 BRRTS# 02-05-237064

Sample ID	Date	Groundwater Elevation	NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	MW-17				PZ-18		Trip Blank															
					2/26/21	5/28/21	10/12/21	9/29/22	9/29/22	9/29/22	12/11/08	3/23/10	7/2/10	8/10/11	4/8/13	5/7/14	6/23/15	5/5/17	8/10/17	11/15/17	1/23/19	6/28/19	3/15/21	5/28/21	10/12/21	9/29/22
					569.35	573.90	579.57	584.13	573.93	557.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene (PCE)	(ug/L)	0.5	5	1.7	1.3	<0.41	0.68 J	<0.41	<0.41	<0.50	<0.50	<0.50	<0.17	<0.17	<0.17	<0.50	<0.50	<0.50	<0.33	<0.33	<0.33	<0.41	<0.41	<0.41	<0.41	
Trichloroethene (TCE)	(ug/L)	0.5	5	<0.26	<0.32	<0.32	<0.32	<0.32	<0.32	<0.20	<0.20	<0.20	<0.19	<0.19	<0.19	<0.33	0.37 J	<0.33	<0.26	<0.26	<0.26	<0.32	<0.32	<0.32	<0.32	
cis-1,2-Dichloroethene	(ug/L)	7	70	<0.27	0.56 J	<0.47	<0.47	1.4	<0.47	<0.50	<0.50	<0.50	<0.12	<0.12	<0.12	<0.26	<0.26	<0.26	<0.27	<0.27	<0.27	<0.47	<0.47	<0.47	<0.47	
trans-1,2-Dichloroethene	(ug/L)	20	100	<0.46	<0.53	<0.53	<0.53	<0.53	<0.53	<0.50	<0.50	<0.50	<0.25	<0.25	<0.25	<0.26	0.54 J	<0.26	<1.1	<1.1	<0.46	<0.53	<0.53	<0.53	<0.53	
Vinyl Chloride	(ug/L)	0.02	0.2	<0.17	<0.17	<0.17	0.94 J	<0.17	<0.20	<0.20	<0.20	<0.10	<0.10	<0.18	<0.18	<0.18	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	
Methylene Chloride	(ug/L)	0.5	5	<0.58	--	--	--	--	<1.0	<1.0	1.6 J	<0.68	<0.68	<0.23	<0.23	<0.23	<0.58	<0.58	<0.58	<0.58	--	--	--	--	--	
Benzene	(ug/L)	0.5	2.05	<0.5	--	--	--	--	<0.20	<0.20	<0.20	<0.074	<0.074	<0.074	<0.50	<0.50	<0.50	<0.25	<0.25	<0.25	--	--	--	--	--	
Ethylbenzene	(ug/L)	140	700	<0.32	--	--	--	--	<0.50	<0.50	<0.50	<0.13	<0.13	<0.13	<0.50	<0.50	<0.50	<0.22	<0.22	<0.32	--	--	--	--	--	
Toluene	(ug/L)	160	800	<0.27	--	--	--	--	<0.50	<0.50	<0.50	<0.11	<0.11	<0.11	<0.50	<0.50	<0.50	<0.17	0.18 J	<0.27	--	--	--	--	--	
m&p-Xylene	(ug/L)	NS	NS	<0.47	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	<1.0	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	
o-Xylene	(ug/L)	NS	NS	<0.26	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	<0.50	<0.26	<0.26	--	--	--	
Xylenes (TOTAL)	(ug/L)	400	2,000	<0.73	--	--	--	--	<0.50	<0.50	<0.50	<0.068	<0.068	<0.15	<1.5	<1.5	<1.5	<0.73	<0.73	<1.5	--	--	--	--	--	
Naphthalene	(ug/L)	10	100	<1.2	--	--	--	--	<0.25	<0.25	<0.25	<0.16	<0.16	<0.16	<2.5	<2.5	<2.5	<1.2	<1.2	<1.2	--	--	--	--	--	
MTBE	(ug/L)	12	60	<1.2	--	--	--	--	<0.50	<0.50	<0.50	<0.24	<0.24	<0.17	<0.17	<0.17	<1.2	<1.2	<1.2	<1.2	--	--	--	--	--	
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	<0.84	--	--	--	--	<0.20	<0.20	<0.20	<0.14	<0.14	<0.14	<0.50	<0.50	<0.50	<0.84	<0.84	--	--	--	--	--		
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	<0.87	--	--	--	--	<0.20	<0.20	<0.20	<0.18	<0.18	<0.50	<0.50	<0.50	<0.87	<0.87	--	--	--	--	--	--		
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	96	480	<1.71	--	--	--	--	<0.40	<0.40	<0.40	<0.32	<0.32	<1.0	<1.0	<1.0	<1.71	<1.71	<1.71	--	--	--	--	--		
Bromobenzene	(ug/L)	NS	NS	<0.24	--	--	--	--	<0.20	<0.20	<0.20	<0.25	<0.25	<0.25	<0.23	<0.23	<0.23	<0.24	<0.24	<0.24	--	--	--	--	--	
Bromochloromethane	(ug/L)	NS	NS	<0.36	--	--	--	--	<0.50	<0.50	<0.50	<0.40	<0.40	<0.40	<0.34	<0.34	<0.34	<0.36	<0.36	<0.36	--	--	--	--	--	
Bromodichloromethane	(ug/L)	0.06	0.6	<0.36	--	--	--	--	<0.20	<0.20	<0.20	<0.17	<0.17	<0.17	<0.50	<0.50	<0.50	<0.36	<0.36	<0.36	--	--	--	--	--	
Bromoform	(ug/L)	0.44	4.4	<4.0	--	--	--	--	<0.20	<0.20	<0.20	<0.28	<0.28	<0.28	<0.50	<0.50	<0.50	<4.0	<4.0	<4.0	--	--	--	--	--	
Bromomethane	(ug/L)	1	10	<0.97	--	--	--	--	<0.50	<0.50	<0.50	<0.31	<0.31	<0.31	<2.4	<2.4	<2.4	<0.97	<0.97	<0.97	--	--	--	--	--	
n-Butylbenzene	(ug/L)	NS	NS	<0.71	--	--	--	--	<0.20	<0.20	<0.20	<0.13	<0.13	<0.13	<0.50	<0.50	<0.50	<0.71	<0.71	<0.71	--	--	--	--	--	
sec-Butylbenzene	(ug/L)	NS	NS	<0.85	--	--	--	--	<0.25	<0.25	<0.25	<0.15	<0.15	<0.15	<2.2	<2.2	<2.2	<0.85	<0.85	<0.85	--	--	--	--	--	
tert-Butylbenzene	(ug/L)	NS	NS	<0.30	--	--	--	--	<0.20	<0.20	<0.20	<0.14	<0.14	<0.14	<0.18	<0.18	<0.18	<0.30	<0.30	<0.30	--	--	--	--	--	
Carbon Tetrachloride	(ug/L)	0.5	5	<1.1	--	--	--	--	<0.80	<0.80	<0.80	<0.26	<0.26	<0.26	<0.50	<0.50	<0.50	<0.17	<1.1	--	--	--	--	--		
Chlorobenzene	(ug/L)	NS	NS	<0.71	--	--	--	--	<0.20	<0.20	<0.20	<0.14														

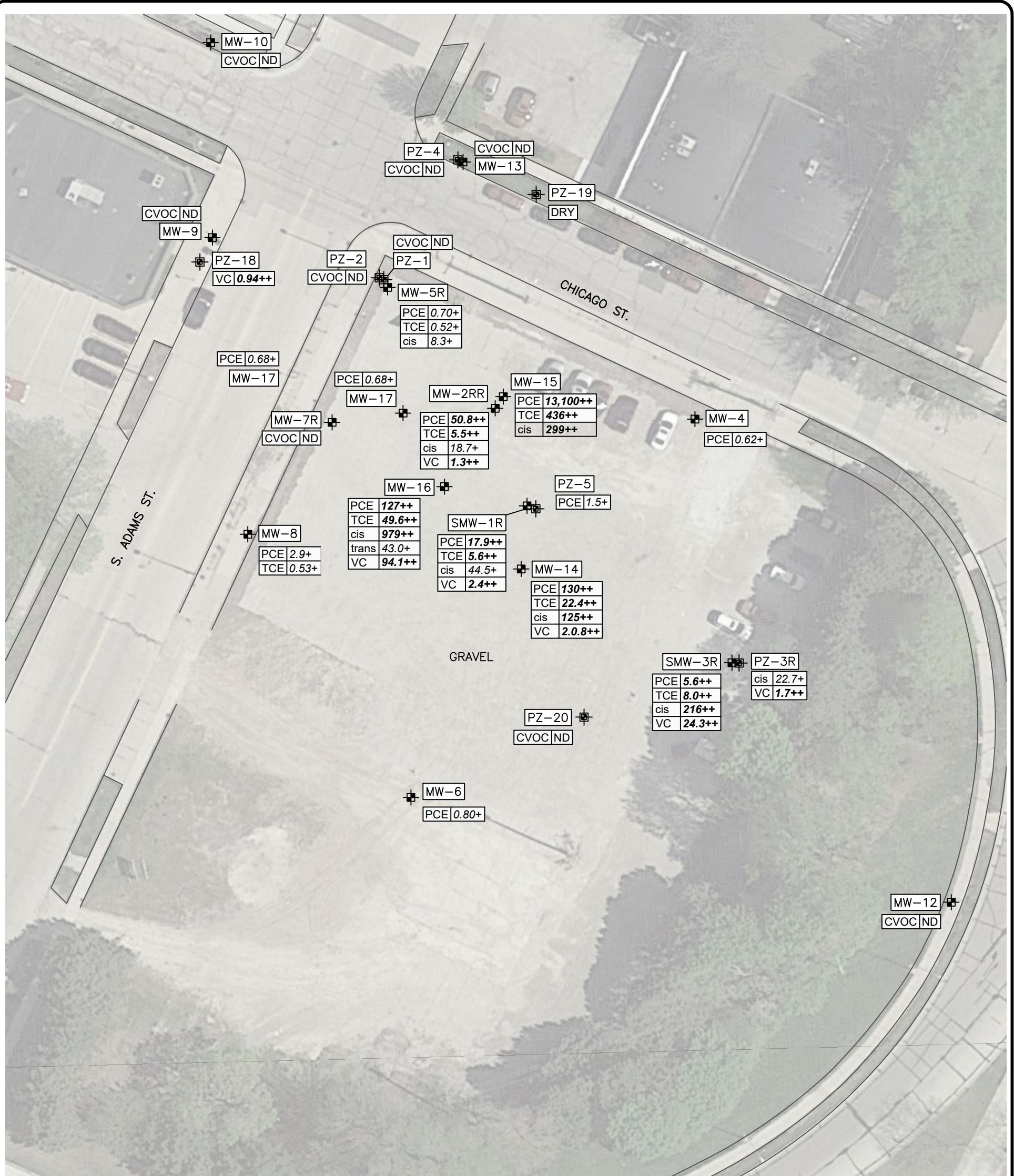
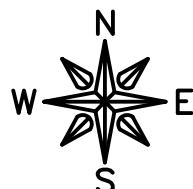


FIGURE 1
POST-EXCAVATION GROUNDWATER
CHEMISTRY – SEPT. 2022
BAY TOWEL – SOLVENT INVESTIGATION
501 S. ADAMS ST.
GREEN BAY, WI 54301
BRRTS NO.: 02-05-237064



40 0 40 FEET
GRAPHIC SCALE IN FEET

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL

ILLINOIS
IOWA
WISCONSIN

October 05, 2022

Dillon Plamann
Fehr Graham Engineering & Environmental
909 N. 8th Street
Suite 101
Sheboygan, WI 53081

RE: Project: 21-1121 BAY TOWEL
Pace Project No.: 40252312

Dear Dillon Plamann:

Enclosed are the analytical results for sample(s) received by the laboratory on September 29, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,



Christopher Hyska
christopher.hyska@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 21-1121 BAY TOWEL
Pace Project No.: 40252312

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150

Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 21-1121 BAY TOWEL
Pace Project No.: 40252312

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40252312001	SMW-1R	Water	09/29/22 11:45	09/29/22 13:45
40252312002	MW-2RR	Water	09/29/22 11:20	09/29/22 13:45
40252312003	SMW-3R	Water	09/29/22 08:35	09/29/22 13:45
40252312004	MW-4	Water	09/29/22 12:45	09/29/22 13:45
40252312005	MW-5R	Water	09/29/22 11:05	09/29/22 13:45
40252312006	MW-6	Water	09/29/22 10:15	09/29/22 13:45
40252312007	MW-7R	Water	09/29/22 10:35	09/29/22 13:45
40252312008	MW-8	Water	09/29/22 10:25	09/29/22 13:45
40252312009	MW-9	Water	09/29/22 09:50	09/29/22 13:45
40252312010	MW-10	Water	09/29/22 10:00	09/29/22 13:45
40252312011	MW-12	Water	09/29/22 09:00	09/29/22 13:45
40252312012	MW-13	Water	09/29/22 09:10	09/29/22 13:45
40252312013	MW-14	Water	09/29/22 12:30	09/29/22 13:45
40252312014	MW-15	Water	09/29/22 11:30	09/29/22 13:45
40252312015	MW-16	Water	09/29/22 12:10	09/29/22 13:45
40252312016	MW-17	Water	09/29/22 12:20	09/29/22 13:45
40252312017	PZ-18	Water	09/29/22 09:35	09/29/22 13:45
40252312018	PZ-20	Water	09/29/22 13:00	09/29/22 13:45
40252312019	PZ-1	Water	09/29/22 11:00	09/29/22 13:45
40252312020	PZ-2	Water	09/29/22 10:50	09/29/22 13:45
40252312021	PZ-3R	Water	09/29/22 08:50	09/29/22 13:45
40252312022	PZ-4	Water	09/29/22 09:20	09/29/22 13:45
40252312023	PZ-5	Water	09/29/22 11:50	09/29/22 13:45
40252312024	TRIP BLANK	Water	09/29/22 00:00	09/29/22 13:45

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SAMPLE ANALYTE COUNT

Project: 21-1121 BAY TOWEL

Pace Project No.: 40252312

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40252312001	SMW-1R	EPA 8260	LAP	8	PASI-G
40252312002	MW-2RR	EPA 8260	LAP	8	PASI-G
40252312003	SMW-3R	EPA 8260	LAP	8	PASI-G
40252312004	MW-4	EPA 8260	LAP	8	PASI-G
40252312005	MW-5R	EPA 8260	LAP	8	PASI-G
40252312006	MW-6	EPA 8260	LAP	8	PASI-G
40252312007	MW-7R	EPA 8260	LAP	8	PASI-G
40252312008	MW-8	EPA 8260	LAP	8	PASI-G
40252312009	MW-9	EPA 8260	LAP	8	PASI-G
40252312010	MW-10	EPA 8260	LAP	8	PASI-G
40252312011	MW-12	EPA 8260	LAP	8	PASI-G
40252312012	MW-13	EPA 8260	LAP	8	PASI-G
40252312013	MW-14	EPA 8260	LAP	8	PASI-G
40252312014	MW-15	EPA 8260	LAP	8	PASI-G
40252312015	MW-16	EPA 8260	LAP	8	PASI-G
40252312016	MW-17	EPA 8260	LAP	8	PASI-G
40252312017	PZ-18	EPA 8260	LAP	8	PASI-G
40252312018	PZ-20	EPA 8260	LAP	8	PASI-G
40252312019	PZ-1	EPA 8260	LAP	8	PASI-G
40252312020	PZ-2	EPA 8260	LAP	8	PASI-G
40252312021	PZ-3R	EPA 8260	EIB	8	PASI-G
40252312022	PZ-4	EPA 8260	EIB	8	PASI-G
40252312023	PZ-5	EPA 8260	EIB	8	PASI-G
40252312024	TRIP BLANK	EPA 8260	EIB	8	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 21-1121 BAY TOWEL

Pace Project No.: 40252312

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40252312001	SMW-1R					
EPA 8260	cis-1,2-Dichloroethene	44.5	ug/L	1.0	10/03/22 09:22	
EPA 8260	trans-1,2-Dichloroethene	1.0	ug/L	1.0	10/03/22 09:22	
EPA 8260	Tetrachloroethene	17.9	ug/L	1.0	10/03/22 09:22	
EPA 8260	Trichloroethene	5.6	ug/L	1.0	10/03/22 09:22	
EPA 8260	Vinyl chloride	2.4	ug/L	1.0	10/03/22 09:22	
40252312002	MW-2RR					
EPA 8260	cis-1,2-Dichloroethene	18.7	ug/L	1.0	10/03/22 09:42	
EPA 8260	trans-1,2-Dichloroethene	0.83J	ug/L	1.0	10/03/22 09:42	
EPA 8260	Tetrachloroethene	50.8	ug/L	1.0	10/03/22 09:42	
EPA 8260	Trichloroethene	5.5	ug/L	1.0	10/03/22 09:42	
EPA 8260	Vinyl chloride	1.3	ug/L	1.0	10/03/22 09:42	
40252312003	SMW-3R					
EPA 8260	cis-1,2-Dichloroethene	216	ug/L	2.0	10/03/22 12:21	
EPA 8260	trans-1,2-Dichloroethene	14.1	ug/L	2.0	10/03/22 12:21	
EPA 8260	Tetrachloroethene	5.6	ug/L	2.0	10/03/22 12:21	
EPA 8260	Trichloroethene	8.0	ug/L	2.0	10/03/22 12:21	
EPA 8260	Vinyl chloride	24.3	ug/L	2.0	10/03/22 12:21	
40252312004	MW-4					
EPA 8260	Tetrachloroethene	0.62J	ug/L	1.0	09/30/22 20:11	
40252312005	MW-5R					
EPA 8260	cis-1,2-Dichloroethene	8.3	ug/L	1.0	10/03/22 10:22	
EPA 8260	trans-1,2-Dichloroethene	0.59J	ug/L	1.0	10/03/22 10:22	
EPA 8260	Tetrachloroethene	0.70J	ug/L	1.0	10/03/22 10:22	
EPA 8260	Trichloroethene	0.52J	ug/L	1.0	10/03/22 10:22	
40252312006	MW-6					
EPA 8260	Tetrachloroethene	0.80J	ug/L	1.0	09/30/22 20:31	
40252312008	MW-8					
EPA 8260	cis-1,2-Dichloroethene	1.3	ug/L	1.0	09/30/22 21:11	
EPA 8260	Tetrachloroethene	2.9	ug/L	1.0	09/30/22 21:11	
EPA 8260	Trichloroethene	0.53J	ug/L	1.0	09/30/22 21:11	
40252312013	MW-14					
EPA 8260	cis-1,2-Dichloroethene	125	ug/L	1.0	10/03/22 12:41	
EPA 8260	trans-1,2-Dichloroethene	4.2	ug/L	1.0	10/03/22 12:41	
EPA 8260	Tetrachloroethene	130	ug/L	1.0	10/03/22 12:41	
EPA 8260	Trichloroethene	22.4	ug/L	1.0	10/03/22 12:41	
EPA 8260	Vinyl chloride	20.8	ug/L	1.0	10/03/22 12:41	
40252312014	MW-15					
EPA 8260	cis-1,2-Dichloroethene	299	ug/L	200	10/03/22 11:22	
EPA 8260	Tetrachloroethene	13100	ug/L	200	10/03/22 11:22	
EPA 8260	Trichloroethene	436	ug/L	200	10/03/22 11:22	
40252312015	MW-16					
EPA 8260	cis-1,2-Dichloroethene	979	ug/L	10.0	10/03/22 11:42	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 21-1121 BAY TOWEL
Pace Project No.: 40252312

Lab Sample ID	Client Sample ID						
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers	
40252312015	MW-16						
EPA 8260	trans-1,2-Dichloroethene	43.0	ug/L	10.0	10/03/22 11:42		
EPA 8260	Tetrachloroethene	127	ug/L	10.0	10/03/22 11:42		
EPA 8260	Trichloroethene	49.6	ug/L	10.0	10/03/22 11:42		
EPA 8260	Vinyl chloride	94.1	ug/L	10.0	10/03/22 11:42		
40252312016	MW-17						
EPA 8260	Tetrachloroethene	0.68J	ug/L	1.0	10/03/22 10:02		
40252312017	PZ-18						
EPA 8260	cis-1,2-Dichloroethene	1.4	ug/L	1.0	10/03/22 10:42		
EPA 8260	Vinyl chloride	0.94J	ug/L	1.0	10/03/22 10:42		
40252312021	PZ-3R						
EPA 8260	cis-1,2-Dichloroethene	22.7	ug/L	1.0	10/04/22 00:02		
EPA 8260	trans-1,2-Dichloroethene	1.5	ug/L	1.0	10/04/22 00:02		
EPA 8260	Vinyl chloride	1.7	ug/L	1.0	10/04/22 00:02		
40252312023	PZ-5						
EPA 8260	cis-1,2-Dichloroethene	1.6	ug/L	1.0	10/03/22 23:23		
EPA 8260	Tetrachloroethene	1.5	ug/L	1.0	10/03/22 23:23		

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ANALYTICAL RESULTS

Project: 21-1121 BAY TOWEL

Pace Project No.: 40252312

Sample: SMW-1R **Lab ID: 40252312001** Collected: 09/29/22 11:45 Received: 09/29/22 13:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	44.5	ug/L	1.0	0.47	1		10/03/22 09:22	156-59-2	
trans-1,2-Dichloroethene	1.0	ug/L	1.0	0.53	1		10/03/22 09:22	156-60-5	
Tetrachloroethene	17.9	ug/L	1.0	0.41	1		10/03/22 09:22	127-18-4	
Trichloroethene	5.6	ug/L	1.0	0.32	1		10/03/22 09:22	79-01-6	
Vinyl chloride	2.4	ug/L	1.0	0.17	1		10/03/22 09:22	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		10/03/22 09:22	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/03/22 09:22	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		10/03/22 09:22	2037-26-5	

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ANALYTICAL RESULTS

Project: 21-1121 BAY TOWEL

Pace Project No.: 40252312

Sample: MW-2RR **Lab ID: 40252312002** Collected: 09/29/22 11:20 Received: 09/29/22 13:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	18.7	ug/L	1.0	0.47	1		10/03/22 09:42	156-59-2	
trans-1,2-Dichloroethene	0.83J	ug/L	1.0	0.53	1		10/03/22 09:42	156-60-5	
Tetrachloroethene	50.8	ug/L	1.0	0.41	1		10/03/22 09:42	127-18-4	
Trichloroethene	5.5	ug/L	1.0	0.32	1		10/03/22 09:42	79-01-6	
Vinyl chloride	1.3	ug/L	1.0	0.17	1		10/03/22 09:42	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/03/22 09:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/03/22 09:42	2199-69-1	
Toluene-d8 (S)	95	%	70-130		1		10/03/22 09:42	2037-26-5	

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ANALYTICAL RESULTS

Project: 21-1121 BAY TOWEL

Pace Project No.: 40252312

Sample: SMW-3R Lab ID: 40252312003 Collected: 09/29/22 08:35 Received: 09/29/22 13:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	216	ug/L	2.0	0.94	2		10/03/22 12:21	156-59-2	
trans-1,2-Dichloroethene	14.1	ug/L	2.0	1.1	2		10/03/22 12:21	156-60-5	
Tetrachloroethene	5.6	ug/L	2.0	0.82	2		10/03/22 12:21	127-18-4	
Trichloroethene	8.0	ug/L	2.0	0.64	2		10/03/22 12:21	79-01-6	
Vinyl chloride	24.3	ug/L	2.0	0.35	2		10/03/22 12:21	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		2		10/03/22 12:21	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		2		10/03/22 12:21	2199-69-1	
Toluene-d8 (S)	94	%	70-130		2		10/03/22 12:21	2037-26-5	

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ANALYTICAL RESULTS

Project: 21-1121 BAY TOWEL

Pace Project No.: 40252312

Sample: MW-4 **Lab ID: 40252312004** Collected: 09/29/22 12:45 Received: 09/29/22 13:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/30/22 20:11	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/30/22 20:11	156-60-5	
Tetrachloroethene	0.62J	ug/L	1.0	0.41	1		09/30/22 20:11	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/30/22 20:11	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/30/22 20:11	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		09/30/22 20:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		09/30/22 20:11	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		09/30/22 20:11	2037-26-5	

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: 21-1121 BAY TOWEL
Pace Project No.: 40252312

Sample: MW-5R	Lab ID: 40252312005	Collected: 09/29/22 11:05	Received: 09/29/22 13:45	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	8.3	ug/L	1.0	0.47	1			10/03/22 10:22	156-59-2
trans-1,2-Dichloroethene	0.59J	ug/L	1.0	0.53	1			10/03/22 10:22	156-60-5
Tetrachloroethene	0.70J	ug/L	1.0	0.41	1			10/03/22 10:22	127-18-4
Trichloroethene	0.52J	ug/L	1.0	0.32	1			10/03/22 10:22	79-01-6
Vinyl chloride	<0.17	ug/L	1.0	0.17	1			10/03/22 10:22	75-01-4
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1			10/03/22 10:22	460-00-4
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1			10/03/22 10:22	2199-69-1
Toluene-d8 (S)	96	%	70-130		1			10/03/22 10:22	2037-26-5

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ANALYTICAL RESULTS

Project: 21-1121 BAY TOWEL

Pace Project No.: 40252312

 Sample: MW-6 Lab ID: **40252312006** Collected: 09/29/22 10:15 Received: 09/29/22 13:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/30/22 20:31	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/30/22 20:31	156-60-5	
Tetrachloroethene	0.80J	ug/L	1.0	0.41	1		09/30/22 20:31	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/30/22 20:31	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/30/22 20:31	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		09/30/22 20:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		09/30/22 20:31	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		09/30/22 20:31	2037-26-5	

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ANALYTICAL RESULTS

Project: 21-1121 BAY TOWEL

Pace Project No.: 40252312

Sample: MW-7R **Lab ID: 40252312007** Collected: 09/29/22 10:35 Received: 09/29/22 13:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/30/22 20:51	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/30/22 20:51	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/30/22 20:51	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/30/22 20:51	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/30/22 20:51	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		09/30/22 20:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		09/30/22 20:51	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		09/30/22 20:51	2037-26-5	

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ANALYTICAL RESULTS

Project: 21-1121 BAY TOWEL

Pace Project No.: 40252312

Sample: MW-8 **Lab ID: 40252312008** Collected: 09/29/22 10:25 Received: 09/29/22 13:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	1.3	ug/L	1.0	0.47	1		09/30/22 21:11	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/30/22 21:11	156-60-5	
Tetrachloroethene	2.9	ug/L	1.0	0.41	1		09/30/22 21:11	127-18-4	
Trichloroethene	0.53J	ug/L	1.0	0.32	1		09/30/22 21:11	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/30/22 21:11	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		09/30/22 21:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		09/30/22 21:11	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		09/30/22 21:11	2037-26-5	

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ANALYTICAL RESULTS

Project: 21-1121 BAY TOWEL

Pace Project No.: 40252312

Sample: MW-9 Lab ID: 40252312009 Collected: 09/29/22 09:50 Received: 09/29/22 13:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/30/22 21:31	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/30/22 21:31	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/30/22 21:31	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/30/22 21:31	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/30/22 21:31	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		09/30/22 21:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		09/30/22 21:31	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		09/30/22 21:31	2037-26-5	

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ANALYTICAL RESULTS

Project: 21-1121 BAY TOWEL

Pace Project No.: 40252312

Sample: MW-10 Lab ID: 40252312010 Collected: 09/29/22 10:00 Received: 09/29/22 13:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/30/22 21:51	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/30/22 21:51	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/30/22 21:51	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/30/22 21:51	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/30/22 21:51	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		09/30/22 21:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		09/30/22 21:51	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		09/30/22 21:51	2037-26-5	

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ANALYTICAL RESULTS

Project: 21-1121 BAY TOWEL
 Pace Project No.: 40252312

Sample: MW-12 Lab ID: 40252312011 Collected: 09/29/22 09:00 Received: 09/29/22 13:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/30/22 22:11	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/30/22 22:11	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/30/22 22:11	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/30/22 22:11	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/30/22 22:11	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		09/30/22 22:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		09/30/22 22:11	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		09/30/22 22:11	2037-26-5	

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ANALYTICAL RESULTS

Project: 21-1121 BAY TOWEL

Pace Project No.: 40252312

Sample: MW-13 Lab ID: 40252312012 Collected: 09/29/22 09:10 Received: 09/29/22 13:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		09/30/22 22:31	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		09/30/22 22:31	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		09/30/22 22:31	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		09/30/22 22:31	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		09/30/22 22:31	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		09/30/22 22:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		09/30/22 22:31	2199-69-1	
Toluene-d8 (S)	95	%	70-130		1		09/30/22 22:31	2037-26-5	

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ANALYTICAL RESULTS

Project: 21-1121 BAY TOWEL

Pace Project No.: 40252312

 Sample: MW-14 Lab ID: 40252312013 Collected: 09/29/22 12:30 Received: 09/29/22 13:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	125	ug/L	1.0	0.47	1		10/03/22 12:41	156-59-2	
trans-1,2-Dichloroethene	4.2	ug/L	1.0	0.53	1		10/03/22 12:41	156-60-5	
Tetrachloroethene	130	ug/L	1.0	0.41	1		10/03/22 12:41	127-18-4	
Trichloroethene	22.4	ug/L	1.0	0.32	1		10/03/22 12:41	79-01-6	
Vinyl chloride	20.8	ug/L	1.0	0.17	1		10/03/22 12:41	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		10/03/22 12:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/03/22 12:41	2199-69-1	
Toluene-d8 (S)	95	%	70-130		1		10/03/22 12:41	2037-26-5	

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ANALYTICAL RESULTS

Project: 21-1121 BAY TOWEL

Pace Project No.: 40252312

Sample: MW-15 Lab ID: 40252312014 Collected: 09/29/22 11:30 Received: 09/29/22 13:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	299	ug/L	200	94.3	200		10/03/22 11:22	156-59-2	
trans-1,2-Dichloroethene	<106	ug/L	200	106	200		10/03/22 11:22	156-60-5	
Tetrachloroethene	13100	ug/L	200	81.7	200		10/03/22 11:22	127-18-4	
Trichloroethene	436	ug/L	200	63.9	200		10/03/22 11:22	79-01-6	
Vinyl chloride	<34.9	ug/L	200	34.9	200		10/03/22 11:22	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		200		10/03/22 11:22	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		200		10/03/22 11:22	2199-69-1	
Toluene-d8 (S)	95	%	70-130		200		10/03/22 11:22	2037-26-5	

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ANALYTICAL RESULTS

Project: 21-1121 BAY TOWEL

Pace Project No.: 40252312

Sample: MW-16 **Lab ID: 40252312015** Collected: 09/29/22 12:10 Received: 09/29/22 13:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	979	ug/L	10.0	4.7	10		10/03/22 11:42	156-59-2	
trans-1,2-Dichloroethene	43.0	ug/L	10.0	5.3	10		10/03/22 11:42	156-60-5	
Tetrachloroethene	127	ug/L	10.0	4.1	10		10/03/22 11:42	127-18-4	
Trichloroethene	49.6	ug/L	10.0	3.2	10		10/03/22 11:42	79-01-6	
Vinyl chloride	94.1	ug/L	10.0	1.7	10		10/03/22 11:42	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		10		10/03/22 11:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		10		10/03/22 11:42	2199-69-1	
Toluene-d8 (S)	94	%	70-130		10		10/03/22 11:42	2037-26-5	

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ANALYTICAL RESULTS

Project: 21-1121 BAY TOWEL

Pace Project No.: 40252312

Sample: MW-17 Lab ID: 40252312016 Collected: 09/29/22 12:20 Received: 09/29/22 13:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/03/22 10:02	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/03/22 10:02	156-60-5	
Tetrachloroethene	0.68J	ug/L	1.0	0.41	1		10/03/22 10:02	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/03/22 10:02	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/03/22 10:02	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/03/22 10:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/03/22 10:02	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		10/03/22 10:02	2037-26-5	

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ANALYTICAL RESULTS

Project: 21-1121 BAY TOWEL

Pace Project No.: 40252312

Sample: PZ-18 Lab ID: 40252312017 Collected: 09/29/22 09:35 Received: 09/29/22 13:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	1.4	ug/L	1.0	0.47	1		10/03/22 10:42	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/03/22 10:42	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/03/22 10:42	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/03/22 10:42	79-01-6	
Vinyl chloride	0.94J	ug/L	1.0	0.17	1		10/03/22 10:42	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		10/03/22 10:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/03/22 10:42	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		10/03/22 10:42	2037-26-5	

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ANALYTICAL RESULTS

Project: 21-1121 BAY TOWEL

Pace Project No.: 40252312

Sample: PZ-20 **Lab ID: 40252312018** Collected: 09/29/22 13:00 Received: 09/29/22 13:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/03/22 11:02	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/03/22 11:02	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/03/22 11:02	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/03/22 11:02	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/03/22 11:02	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		10/03/22 11:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		10/03/22 11:02	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		10/03/22 11:02	2037-26-5	

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ANALYTICAL RESULTS

Project: 21-1121 BAY TOWEL

Pace Project No.: 40252312

Sample: PZ-1	Lab ID: 40252312019	Collected: 09/29/22 11:00	Received: 09/29/22 13:45	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/03/22 08:42	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/03/22 08:42	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/03/22 08:42	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/03/22 08:42	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/03/22 08:42	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		10/03/22 08:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/03/22 08:42	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		10/03/22 08:42	2037-26-5	

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ANALYTICAL RESULTS

Project: 21-1121 BAY TOWEL

Pace Project No.: 40252312

Sample: PZ-2 **Lab ID: 40252312020** Collected: 09/29/22 10:50 Received: 09/29/22 13:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/03/22 09:02	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/03/22 09:02	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/03/22 09:02	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/03/22 09:02	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/03/22 09:02	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		10/03/22 09:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		10/03/22 09:02	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		10/03/22 09:02	2037-26-5	

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ANALYTICAL RESULTS

Project: 21-1121 BAY TOWEL

Pace Project No.: 40252312

Sample: PZ-3R **Lab ID: 40252312021** Collected: 09/29/22 08:50 Received: 09/29/22 13:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	22.7	ug/L	1.0	0.47	1		10/04/22 00:02	156-59-2	
trans-1,2-Dichloroethene	1.5	ug/L	1.0	0.53	1		10/04/22 00:02	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/04/22 00:02	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/04/22 00:02	79-01-6	
Vinyl chloride	1.7	ug/L	1.0	0.17	1		10/04/22 00:02	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	116	%	70-130		1		10/04/22 00:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		10/04/22 00:02	2199-69-1	
Toluene-d8 (S)	111	%	70-130		1		10/04/22 00:02	2037-26-5	

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ANALYTICAL RESULTS

Project: 21-1121 BAY TOWEL

Pace Project No.: 40252312

Sample: PZ-4	Lab ID: 40252312022	Collected: 09/29/22 09:20	Received: 09/29/22 13:45	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/03/22 23:43	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/03/22 23:43	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/03/22 23:43	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/03/22 23:43	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/03/22 23:43	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	115	%	70-130		1		10/03/22 23:43	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		10/03/22 23:43	2199-69-1	
Toluene-d8 (S)	111	%	70-130		1		10/03/22 23:43	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 21-1121 BAY TOWEL

Pace Project No.: 40252312

Sample: PZ-5	Lab ID: 40252312023	Collected: 09/29/22 11:50	Received: 09/29/22 13:45	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	1.6	ug/L	1.0	0.47	1		10/03/22 23:23	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/03/22 23:23	156-60-5	
Tetrachloroethene	1.5	ug/L	1.0	0.41	1		10/03/22 23:23	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/03/22 23:23	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/03/22 23:23	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	116	%	70-130		1		10/03/22 23:23	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		10/03/22 23:23	2199-69-1	
Toluene-d8 (S)	110	%	70-130		1		10/03/22 23:23	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 21-1121 BAY TOWEL
 Pace Project No.: 40252312

Sample: TRIP BLANK Lab ID: 40252312024 Collected: 09/29/22 00:00 Received: 09/29/22 13:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/03/22 22:44	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/03/22 22:44	156-60-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/03/22 22:44	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/03/22 22:44	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/03/22 22:44	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	114	%	70-130		1		10/03/22 22:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		10/03/22 22:44	2199-69-1	
Toluene-d8 (S)	111	%	70-130		1		10/03/22 22:44	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 21-1121 BAY TOWEL

Pace Project No.: 40252312

QC Batch:	427404	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
Laboratory:			Pace Analytical Services - Green Bay
Associated Lab Samples:	40252312001, 40252312002, 40252312003, 40252312004, 40252312005, 40252312006, 40252312007, 40252312008, 40252312009, 40252312010, 40252312011, 40252312012, 40252312013, 40252312014, 40252312015, 40252312016, 40252312017, 40252312018, 40252312019, 40252312020		

METHOD BLANK: 2461625 Matrix: Water

Associated Lab Samples: 40252312001, 40252312002, 40252312003, 40252312004, 40252312005, 40252312006, 40252312007,
40252312008, 40252312009, 40252312010, 40252312011, 40252312012, 40252312013, 40252312014,
40252312015, 40252312016, 40252312017, 40252312018, 40252312019, 40252312020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	09/30/22 15:31	
Tetrachloroethene	ug/L	<0.41	1.0	09/30/22 15:31	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	09/30/22 15:31	
Trichloroethene	ug/L	<0.32	1.0	09/30/22 15:31	
Vinyl chloride	ug/L	<0.17	1.0	09/30/22 15:31	
1,2-Dichlorobenzene-d4 (S)	%	103	70-130	09/30/22 15:31	
4-Bromofluorobenzene (S)	%	95	70-130	09/30/22 15:31	
Toluene-d8 (S)	%	96	70-130	09/30/22 15:31	

LABORATORY CONTROL SAMPLE: 2461626

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	50	47.4	95	70-130	
Tetrachloroethene	ug/L	50	50.0	100	70-130	
trans-1,2-Dichloroethene	ug/L	50	49.9	100	70-130	
Trichloroethene	ug/L	50	49.0	98	70-130	
Vinyl chloride	ug/L	50	49.5	99	63-134	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2462493 2462494

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40252312007	Result	Spike Conc.	MS Result						
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	47.6	46.0	95	92	70-130	3	20
Tetrachloroethene	ug/L	<0.41	50	50	49.6	48.7	99	97	70-130	2	20
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	50.7	49.2	101	98	70-130	3	20
Trichloroethene	ug/L	<0.32	50	50	48.6	47.3	97	95	70-130	3	20
Vinyl chloride	ug/L	<0.17	50	50	49.3	47.7	99	95	60-137	3	20
1,2-Dichlorobenzene-d4 (S)	%						100	102	70-130		
4-Bromofluorobenzene (S)	%						96	96	70-130		
Toluene-d8 (S)	%						97	97	70-130		

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 21-1121 BAY TOWEL

Pace Project No.: 40252312

QC Batch: 427421 Analysis Method: EPA 8260

QC Batch Method: EPA 8260 Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40252312021, 40252312022, 40252312023, 40252312024

METHOD BLANK: 2461657 Matrix: Water

Associated Lab Samples: 40252312021, 40252312022, 40252312023, 40252312024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	10/03/22 18:10	
Tetrachloroethene	ug/L	<0.41	1.0	10/03/22 18:10	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	10/03/22 18:10	
Trichloroethene	ug/L	<0.32	1.0	10/03/22 18:10	
Vinyl chloride	ug/L	<0.17	1.0	10/03/22 18:10	
1,2-Dichlorobenzene-d4 (S)	%	98	70-130	10/03/22 18:10	
4-Bromofluorobenzene (S)	%	113	70-130	10/03/22 18:10	
Toluene-d8 (S)	%	109	70-130	10/03/22 18:10	

LABORATORY CONTROL SAMPLE: 2461658

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	50	48.6	97	70-130	
Tetrachloroethene	ug/L	50	42.9	86	70-130	
trans-1,2-Dichloroethene	ug/L	50	48.1	96	70-130	
Trichloroethene	ug/L	50	47.3	95	70-130	
Vinyl chloride	ug/L	50	46.5	93	63-134	
1,2-Dichlorobenzene-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			112	70-130	
Toluene-d8 (S)	%			110	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2462585 2462586

Parameter	Units	MS		MSD		MS		MSD		% Rec		Max	
		40252312023	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	% Rec	MSD % Rec	% Rec	Limits	RPD	RPD
cis-1,2-Dichloroethene	ug/L	1.6	50	50	50.1	51.0	97	99	70-130	2	20		
Tetrachloroethene	ug/L	1.5	50	50	45.8	44.0	89	85	70-130	4	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	49.8	49.9	100	100	70-130	0	20		
Trichloroethene	ug/L	<0.32	50	50	49.2	49.4	98	99	70-130	0	20		
Vinyl chloride	ug/L	<0.17	50	50	47.4	48.1	95	96	60-137	1	20		
1,2-Dichlorobenzene-d4 (S)	%						96	97	70-130				
4-Bromofluorobenzene (S)	%						112	115	70-130				
Toluene-d8 (S)	%						112	108	70-130				

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 21-1121 BAY TOWEL

Pace Project No.: 40252312

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, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

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.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 21-1121 BAY TOWEL

Pace Project No.: 40252312

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40252312001	SMW-1R	EPA 8260	427404		
40252312002	MW-2RR	EPA 8260	427404		
40252312003	SMW-3R	EPA 8260	427404		
40252312004	MW-4	EPA 8260	427404		
40252312005	MW-5R	EPA 8260	427404		
40252312006	MW-6	EPA 8260	427404		
40252312007	MW-7R	EPA 8260	427404		
40252312008	MW-8	EPA 8260	427404		
40252312009	MW-9	EPA 8260	427404		
40252312010	MW-10	EPA 8260	427404		
40252312011	MW-12	EPA 8260	427404		
40252312012	MW-13	EPA 8260	427404		
40252312013	MW-14	EPA 8260	427404		
40252312014	MW-15	EPA 8260	427404		
40252312015	MW-16	EPA 8260	427404		
40252312016	MW-17	EPA 8260	427404		
40252312017	PZ-18	EPA 8260	427404		
40252312018	PZ-20	EPA 8260	427404		
40252312019	PZ-1	EPA 8260	427404		
40252312020	PZ-2	EPA 8260	427404		
40252312021	PZ-3R	EPA 8260	427421		
40252312022	PZ-4	EPA 8260	427421		
40252312023	PZ-5	EPA 8260	427421		
40252312024	TRIP BLANK	EPA 8260	427421		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

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Company: Fehr Graham	Billing Information:
Address: 909 N. 8th Street Sheboygan	
Report To: Dillon Plannam	Email To: dplannam@fehrgraham.com
Copy To:	Site Collection Info/Address: 501 S. Adams St.
Customer Project Name/Number: 21-1121 Bay Towel	State: WI County/City: Green Bay Time Zone Collected: PT CT ET
Phone: (920) 453-4700 Email: o700	Site/Facility ID #: Bay Towel
Collected By (print): Hessey Bird	Purchase Order #: DW PWS ID #:
Collected By (signature):	Quote #: DW Location Code:
Rush: [] Same Day [] Next Day [] 2 Day [] 3 Day [] 4 Day [] 5 Day (Expedite Charges Apply)	Turnaround Date Required: Immediately Packed on Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

[] Dispose as appropriate [] Return [] Archive: _____ [] Hold: _____	Field Filtered (if applicable): <input type="checkbox"/> Yes <input type="checkbox"/> No
Analysis: _____	

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns	Analyses							Lab Profile/Line:	
			Date	Time	Date	Time			Analyses								
JMW-1R	GW	grab	9/29	1145				3	X								001
MW-2RR			1	1200				1	X								002
SMW-3R			835						X								003
MW-4			1245						X								004
MW-SR			1105						X								005
MW-6			1015						X								006
MW-7R			1035						X								007
MW-8			1025						X								008
MW-9			0950						X								009
MW-10			1000						X								010

Customer Remarks / Special Conditions / Possible Hazards:	Type of Ice Used: Wet Blue <i>dry ice</i>	SHORT HOLDS PRESENT (<72 hours): Y N N/A	Lab Sample Temperature Info:
	Packing Material Used: <i>dry ice</i>	Lab Tracking #: 2828436	Temp Blank Received: Y N NA
	Radchem sample(s) screened (<500 cpm): Y N NA	Samples received via: FEDEX UPS Client Courier Pace Courier	Therm ID#: 98

Therm 1 Temp Upon Receipt: 35°C
Cooler 1 Therm Corr. Factor: 1°C
Cooler 1 Corrected Temp: 3.5°C
Comments:

Relinquished by/Company: (Signature)	Date/Time: 9/29/22	Received by/Company: (Signature)	Date/Time: 9/29/22 1345	MTJL LAB USE ONLY
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Table #:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Acctnum:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Template:
				Prelogin:
				PM:
				PB:
				Non Conformance(s): YES / NO
				Page: 1 of 3

Trip Blank Received: Y N NA
HCl MeOH TSP Other

Page 35 of 40

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

41252313

ALL SHADED AREAS are for LAB USE ONLY

Container Preservative Type **	Lab Project Manager:
3	

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses	Lab Profile/Line:
----------	-------------------

Lab Sample Receipt Checklist:
Custody Seals Present/Intact Y N NA
Custody Signature Present Y N NA
Collector Signature Present Y N NA
Bottles Intact Y N NA
Correct Bottles Y N NA
Sufficient Volume Y N NA
Samples Received on Ice Y N NA
VOA - Headspace Acceptable Y N NA
USDA Regulated Soils Y N NA
Samples in Holding Time Y N NA
Residual Chlorine Present Y N NA
Cl Strips: _____
Sample pH Acceptable Y N NA
pH Strips: _____
Sulfide Present Y N NA
Lead Acetate Strips: _____

LAB USE ONLY:
Lab Sample # / Comments:



CHAIN-OF-CUSTODY Analytical Request Document

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Company:	Billing Information:		
Address:			
Report To:	Email To:		
Copy To:	Site Collection Info/Address:		
Customer Project Name/Number:	State: /	County/City:	Time Zone Collected: [] PT [] MT [] CT [] ET
Phone:	Site/Facility ID #:	Compliance Monitoring? [] Yes [] No	
Collected By (print):	Purchase Order #: Quote #:	DW PWS ID #: DW Location Code:	
Collected By (signature):	Turnaround Date Required:	Immediately Packed on Ice: [] Yes [] No	
Sample Disposal: [] Dispose as appropriate [] Return [] Archive: _____ [] Hold: _____	Rush: [] Same Day [] Next Day [] 2 Day [] 3 Day [] 4 Day [] 5 Day (Expedite Charges Apply)	Field Filtered (if applicable): [] Yes [] No Analysis: _____	

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns	Analyses	Lab Profile/Line:	Lab Sample Receipt Checklist:
			Date	Time	Date	Time					
MW-12	GW	grab	9/29	0900			3	X			011
MW-13				0910			1	X			012
MW-14				1230			X				013
MW-15				1130			X				014
MW-16				1210			X				015
MW-17				1220			X				016
MW-18				0935			X				017
MW-20				1300			X				018
PZ-1				1100			X				019
PZ-2				1050			X				020

Customer Remarks / Special Conditions / Possible Hazards:	Type of Ice Used:	Wet	Blue	Dry	None	SHORT HOLDS PRESENT (<72 hours):	Y	N	N/A	Lab Sample Temperature Info:	
	Packing Material Used:						Lab Tracking #:			2828437	Temp Blank Received: Y N NA
	Radchem sample(s) screened (<500 cpm):	Y	N	NA	Samples received via:	FEDEX	UPS	Client	Courier	Pace Courier	Therm ID#: 98

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	MTJL LAB USE ONLY	
Kelvin MS	9/29/22	pace	9/29/22 1345	Table #:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Acctnum:	
				Template:	
				Prelogin:	
				PM:	
				PB:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Non Conformance(s): YES / NO	Page: Page 36 of 40 of: 3

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

40252312

ALL SHADED AREAS are for LAB USE ONLY

Container Preservative Type ** Lab Project Manager:

B

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact Y N NA
 Custody Signatures Present Y N NA
 Collector Signature Present Y N NA
 Bottles Intact Y N NA
 Correct Bottles Y N NA
 Sufficient Volume Y N NA
 Samples Received on Ice Y N NA
 VOA - Headspace Acceptable Y N NA
 USDA Regulated Soils Y N NA
 Samples in Holding Time Y N NA
 Residual Chlorine Present Y N NA
 Cl Strips: _____
 Sample pH Acceptable Y N NA
 pH Strips: _____
 Sulfide Present Y N NA
 Lead Acetate Strips: _____

LAB USE ONLY:
 Lab Sample # / Comments:



CHAIN-OF-CUSTODY Analytical Request Document

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

Company: <i>AS Page</i>	Billing Information:																							
Address:																								
Report To:	Email To:																							
Copy To:	Site Collection Info/Address:																							
Customer Project Name/Number:	State: /	County/City:	Time Zone Collected: [] PT [] MT [] CT [] ET																					
Phone:	Site/Facility ID #:	Compliance Monitoring? [] Yes [] No																						
Email:																								
Collected By (print):	Purchase Order #: Quote #:	DW PWS ID #: DW Location Code:																						
Collected By (signature):	Turnaround Date Required:	Immediately Packed on Ice: [] Yes [] No																						
Sample Disposal: [] Dispose as appropriate [] Return [] Archive: _____ [] Hold: _____	Rush: [] Same Day [] Next Day [] 2 Day [] 3 Day [] 4 Day [] 5 Day (Expedite Charges Apply)	Field Filtered (if applicable): [] Yes [] No Analysis: _____																						
* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)																								
Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns	X CUECS	Analyses							Lab Profile/Line:							
			Date	Time	Date	Time				Analyses							Lab Profile/Line:							
PZ-3R	GW	grab	01/29/0850				(3)	3	X															
PZ-4		↓	1	0920			(3)	3	X															
PZ-5		↓	↓	1150			(3)	3	X															
Inp blank		↓	—	—			(4)	1	X															
Customer Remarks / Special Conditions / Possible Hazards:			Type of Ice Used: Wet Blue Dry None				SHORT HOLDS PRESENT (<72 hours): Y N N/A				Lab Sample Temperature Info:													
			Packing Material Used:				Lab Tracking #: 2828438				Temp Blank Received: 98 Y N NA													
			Radchem sample(s) screened (<500 cpm): Y N NA				Samples received via:				Therm ID#: 35 oC													
							FEDEX UPS Client Courier Pace Courier				Cooler 1 Temp Upon Receipt: 35 oC													
Relinquished by/Company: (Signature) <i>Kesler M</i>			Date/Time: 9/29/22		Received by/Company: (Signature) <i>pace</i>			Date/Time: 9/29/22 1345		MTJL LAB USE ONLY														
Relinquished by/Company: (Signature)			Date/Time:		Received by/Company: (Signature)			Date/Time:		Table #: _____														
Relinquished by/Company: (Signature)			Date/Time:		Received by/Company: (Signature)			Date/Time:		Acctnum: _____														
										Template: _____														
										Prelogin: _____														
										PM: _____														
										PB: _____														
										Non Conformance(s): YES / NO														
										Page: 3 Page 37 of 40 of: 3														

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

L10252312

ALL SHADED AREAS are for LAB USE ONLY

Container Preservative Type **

3						
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Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact Y N NA
 Custody Signatures Present Y N NA
 Collector Signature Present Y N NA
 Bottles Intact Y N NA
 Correct Bottles Y N NA
 Sufficient Volume Y N NA
 Samples Received on Ice Y N NA
 VOA - Headspace Acceptable Y N NA
 USDA Regulated Soils Y N NA
 Samples in Holding Time Y N NA
 Residual Chlorine Present Y N NA
 Cl Strips: _____
 Sample pH Acceptable Y N NA
 pH Strips: _____
 Sulfide Present Y N NA
 Lead Acetate Strips: _____

LAB USE ONLY:

Lab Sample # / Comments:

Effective Date: 8/16/2022

Client Name: Fehr Granana

All containers needing preservation have been checked and noted below:

Lab Lot#/ pH paper:

Sample Preservation Receipt Form

Project #
 Yes No N/ALab Std #ID of preservation (if pH adjusted): 40252312

Initial when completed:

Date/
Time:

Pace Lab #	AG1U	BG1U	AG1H	AG4S	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN 1	GN 2	VOA Vials (>8mm)*	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																												2.5 / 5				
002																												2.5 / 5				
003																												2.5 / 5				
004																												2.5 / 5				
005																												2.5 / 5				
006																												2.5 / 5				
007																												2.5 / 5				
008																												2.5 / 5				
009																												2.5 / 5				
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018																												2.5 / 5				
019																												2.5 / 5				
020																												2.5 / 5				

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other:

Headspace in VOA Vials (>8mm) : Yes No N/A *If yes look in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	VG9C	40 mL clear ascorbic w/ HCl	JGFU	4 oz amber jar unpres
BG1U	1 liter clear glass	BP3U	250 mL plastic unpres	DG9T	40 mL amber Na Thio	JG9U	9 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG9U	40 mL clear vial unpres	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9H	40 mL clear vial HCL	WPFU	4 oz plastic jar unpres
AG5U	100 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH + Zn	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres					GN 1	
						GN 2	

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Sample Preservation Receipt Form

Client Name: Fehr graham Project #: 40252312

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Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40252312

Client Name: Fehr Graham

Courier: CS Logistics Fed Ex Speedee UPS Waltco
 Client Pace Other: _____



40252312

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 SR - 110 Type of Ice: Wet Blue Dry None Meltwater Only

Cooler Temperature Uncorr: 3.5 /Corr: 3.5

Temp Blank Present: yes no

Biological Tissue is Frozen: yes no

Temp should be above freezing to 6°C.

Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Person examining contents:

Date: 9/29/22 Initials: MP

NK

Labeled By Initials:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- DI VOA Samples frozen upon receipt	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time: 9/29/22 MP
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Correct Type: Pace Green Bay, Pace IR, Non-Pace		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis	Matrix: W	
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):	486	9/29/22 MP

Client Notification/ Resolution:

If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample log in

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