

Schultz, Josie M - DNR

From: Dillon Plamann <DPlamann@fehr-graham.com>
Sent: Tuesday, September 3, 2019 3:03 PM
To: Schultz, Josie M - DNR
Subject: FW: Tidy Cleaners & Laundry site, BRRTS #02-05-552220
Attachments: 2019_0610 14-1144 F1 GW ELEV.pdf; 2019_0724 14-114 F2 GW CHEM.pdf; 2019_0724 14-114 F3 SOIL CHEM.pdf; 2019_0610 14-1144 Tbl GW ELEV.pdf; 2019_0610 14-1144 Tbl GW NA.pdf; 2019_0724 14-1144 Tbl SOIL CHEM - CVOC.pdf; 2019_0610 14-1144 Tbl GW chem.pdf; 40186609_frc.pdf; 40188850_frc.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Categories: Tidy Cleaners & Laundry -- 02-05-552220

Josie,

Soil samples were collected from the Tidy Cleaners & Laundry site (BRRTS #02-05-552220) on April 26, 2019. Groundwater samples were collected on June 5, 2019.

Scope

Three 2-inch NR-141 monitoring wells (MW-9, MW-10, and MW-11), one 2-inch NR-141 piezometer well (MW-12), and one 1-inch temporary well (B-13) were installed at the site. Soil samples were collect via geoprobe boring at each location (MW-11 and PZ-12 are a well nest). In total, nine soil samples were retained for laboratory analysis. Nine groundwater samples were collected from the site wells for laboratory analysis. Soil and groundwater samples from MW-9 and MW-10 were analyzed for only CVOCs. All other samples were analyzed for VOCs.

Results

Soil results show detects of PCE above NR720 Groundwater Pathway RCLs in samples MW-9 11-12' (169 ug/kg), PZ-12 11-12' (2920 ug/kg), PZ-12 19-20' (1890 ug/kg), and B-13 11-12' (376 ug/kg). No other VOCs were detected in the soil samples. The unsaturated soil samples collected did not have any detections for VOCs.

Contamination does not appear to be following utility corridors adjacent to MW-11/PZ-12 and B-13 due to clean results in the shallow soil samples.

Shallow groundwater results show ES exceedances for PCE in wells, MW-7 (40.8 ug/L), MW-9 (12.2 ug/L), MW-10 (13.0 ug/L), MW-11 (8.9 ug/L), and B-13 (14.6 ug/L). Monitoring wells MW-6, MW-7, MW-8, MW-9, MW-10, and MW-11 show PAL exceedances for PCE and/or TCE. No other CVOCs were detected in groundwater.

The two deeper piezometers, wells PZ-5 and PZ-12, had no detections of any VOCs.

Contaminant concentrations appear to be stable in wells MW-7 and MW-8 and decreasing in well MW-6. Also, contamination does not appear to be traveling vertically downward to the deeper aquifer, as there were no detects in PZ-5 or PZ-12 during the past round of sampling.

Recommendations

A second round of groundwater sampling of all site wells and sub slab vapor sampling was approved in Change Order #3. We recommend completing the second round of groundwater sampling and vapor sampling prior completing a Site Investigation Report. In our experience, and based off earlier site data (see MW-6), contaminant concentrations in groundwater are often highest the first round of sampling following monitoring well installation.

Upon completion of these tasks, the data will be assessed to determine if the extent of impacts is adequately defined. If this is the case, the Site Investigation Report will be prepared and submitted to the WDNR for review. The second round of groundwater sampling and vapor sampling is scheduled for early September.

Thanks,

DILLON PLAMANN | Project Hydrogeologist
Fehr Graham | Engineering & Environmental

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TABLE 2
 SOIL ANALYTICAL RESULTS - CVOCS
 Tidy Cleaners
 818 S. Broadway
 Green Bay, WI 54301
 BRRTS No.: 02-05-552220

Sample ID		Groundwater Pathway RCL (ug/kg)	Non-Industrial Direct-Contact (0-4') RCL (ug/kg)	B-1	B-2			B-3		B-4			PZ-5			MW-7		MW-8	
Date	7/1/08			7/13/11			7/13/11		7/13/11			7/13/11			7/13/11		7/13/11		
Depth	2'			3-4'	7-8'	11-12'	3-4'	11-12'	3-4'	6.5-7'	11-12'	2-4'	10-12'	28-30'	2-4'	14-15'	4-5'	14-15'	
DEPTH to Seasonal Low Water Table (ft BGS)	5.5'			5.5'	5.5'	5.5'	5.5'	5.5'	5.5'	5.5'	5.5'	5.5'	5.5'	5.5'	5.5'	5.5'	5.5'	5.5'	
Saturated (S) or Unsaturated (U)	U			U	S	S	U	S	U	S	S	U	S	S	U	S	U	S	
PID Reading	NA			2.6	NA	11.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	
Notes																			
Tetrachloroethene (PCE)	(ug/kg)	4.50	30,700	3,020	1,120	416	8,730	406	7,910	646	74.8	456	41.6J	776	<25.0	<25.0	<25.0	39.7J	<25.0
Trichloroethene (TCE)	(ug/kg)	3.60	1,260	<25.0	<25.0	64.3J	109J	<25.0	162J	33.6J	<25.0	<25.0	<25.0	104	<25.0	<25.0	<25.0	<25.0	<25.0
cis-1,2-Dichloroethene	(ug/kg)	41.2	156,000	<25.0	<25.0	<25.0	<50.0	<25.0	<62.5	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
trans-1,2-Dichloroethene	(ug/kg)	62.6	1,560,000	<25.0	<25.0	<25.0	<50.0	<25.0	<62.5	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Vinyl Chloride	(ug/kg)	0.1	67	<25.0	<25.0	<25.0	<50.0	<25.0	<62.5	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0

Exceedance Highlights:

BOLD Red font indicates individual or cumulative DC RCL exceedance per DNR RCL calculator 1/16/16, and BTV exceedance for metals.

B1: Cumulative exceedance (HI > 1), eventhough no individual DC RCL was exceeded.

Italic Red font indicates GW RCL Exceedance per DNR RCL calculator 1/16/16. Groundwater quality (> NR 140 ES) may be affected when GW RCLs are exceeded.

Notes:

NS = No standard established

-- = Not analyzed for parameter

RCL = Residual Contaminant Level

J = Between Limit of Quantification & Limit of Detection

TABLE 2
SOIL ANALYTICAL RESULTS - CVOCS
Tidy Cleaners
818 S. Broadway
Green Bay, WI 54301
BRRTS No.: 02-05-552220

Sample ID		Groundwater Pathway RCL (ug/kg)	Non-Industrial Direct-Contact (0-4') RCL (ug/kg)	MW-9		MW-10		PZ-12			B-13		Trip Blank	
Date				4/26/19		4/26/19		4/26/19			4/26/19		7/13/11	4/26/19
Depth				3-4'	11-12'	3-4'	11-12'	3-4'	11-12'	19-20'	3-4'	11-12'	--	--
DEPTH to Seasonal Low Water Table (ft BGS)				5.5'	5.5'	5.5'	5.5'	5.5'	5.5'	5.5'	5.5'	5.5'	--	--
Saturated (S) or Unsaturated (U)													--	--
PID Reading				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--	--
Notes														
Tetrachloroethene (PCE)	(ug/kg)	4.50	30,700	<25.0	169	<25.0	<25.0	<25.0	2,920	1,890	<25.0	376	<25.0	<25.0
Trichloroethene (TCE)	(ug/kg)	3.60	1,260	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
cis-1,2-Dichloroethene	(ug/kg)	41.2	156,000	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
trans-1,2-Dichloroethene	(ug/kg)	62.6	1,560,000	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Vinyl Chloride	(ug/kg)	0.1	67	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0

Exceedance Highlights:

BOLD Red font indicates individual or cumulative DC RCL exceedance per DNR RCL calculator 1/16/16, and BTV exceedance for metals.

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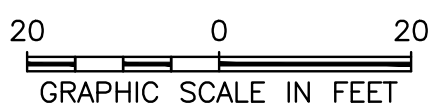
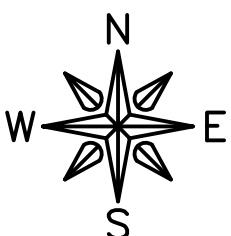
RCL = Residual Contaminant Level

J = Between Limit of Quantification & Limit of Detection



LEGEND

- ⊕ SOIL BORING w/ GRABWATER SAMPLE
- ⊙ SOIL BORING
- ⊕ MONITORING WELL
- ⊕ PIEZOMETER WELL
- 7/13/11 SAMPLE DATE
- 4-5' SAMPLE DEPTH
- PCE TETRACHLOROETHENE (mg/kg)
- TCE TRICHLOROETHENE (mg/kg)
- ITALICS+* EXCEEDS GROUNDWATER PATHWAY RCL
- W— WATER MAIN
- < SAN — SANITARY SEWER
- < ST — STORM SEWER
- G— GAS LINE
- T— TELEPHONE LINE
- ⊙ MANHOLE
- ⊗ WATER VALVE
- ⊕ ⊙ CATCH BASIN
- ⊕ FLOOR DRAIN



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ENGINEERING & ENVIRONMENTAL

TIDY CLEANERS
818 S. BROADWAY
GREEN BAY, WI 54304

DRWN: MKH DATE: 08/29/17 APPD: XXX

TITLE:

SITE SOIL CHEMISTRY

BRRTS: 02-05-552220

JOB NO.: 14-1144

PLOT DATE: 7/24/19

FIGURE:

3

Table A.1
 Groundwater Chemistry - CVOCs
 Tidy Cleaners
 818 S. Broadway
 Green Bay, WI

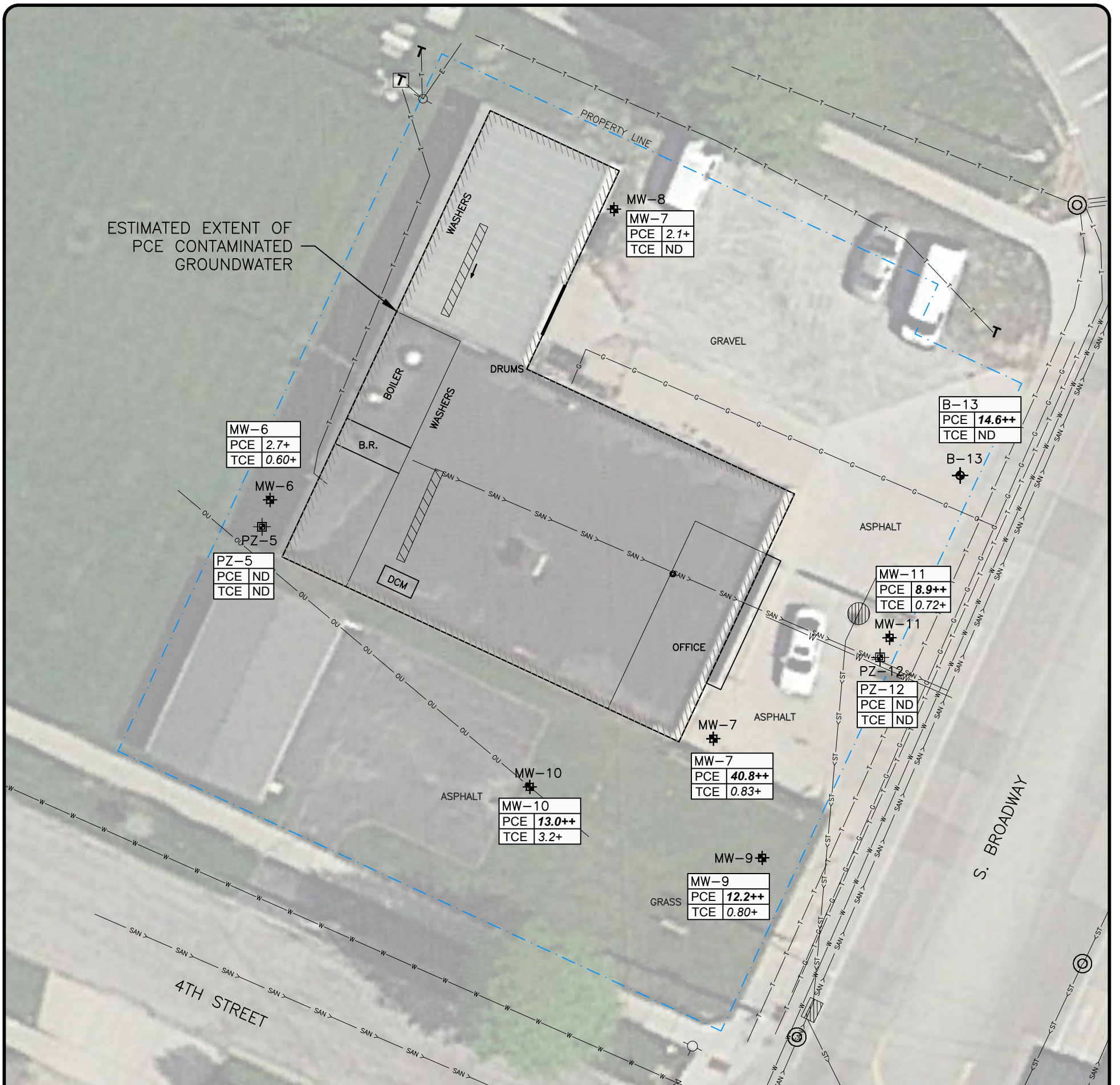
Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	B-1	B-2	B-3	B-4	PZ-5				MW-6			
Date	7/1/08			7/14/11	7/14/11	7/13/11	8/2/11	10/17/11	8/10/17	6/5/19	8/2/11	10/17/11	8/10/17	6/5/19	
Groundwater Elevation	--			--	--	--	555.98	558.60	571.13	575.01	582.38	582.11	582.21	582.93	
Notes															
Tetrachloroethene (PCE)	(ug/L)	0.5	5	2,550	2,940	1,110	153	1.2	<0.45	1.2	<0.33	89.2	83.4	9.2	2.7
Trichloroethene (TCE)	(ug/L)	0.5	5		435	140	13.4	<0.48	<0.48	<0.48	<0.26	32.1	16.8	3.6	0.60 J
cis-1,2-Dichloroethene	(ug/L)	7	70		31.4	23.6	<1.7	<0.83	<0.83	<0.83	<0.27	12.3	9.0	2.7	1.1
trans-1,2-Dichloroethene	(ug/L)	20	100		61.7	40.5	<1.8	<0.89	<0.89	<0.89	<1.1	12.5	7.1	1.8	<1.1
Vinyl Chloride	(ug/L)	0.02	0.2		<3.6	<0.90	<0.36	<0.18	<0.18	<0.18	<0.17	<0.18	<0.18	<0.18	<0.17
Methylene Chloride	(ug/L)	0.5	5		<8.6	<2.2	1.2 J	<0.43	<0.43	<0.43	<0.58	<0.43	<0.43	<0.23	<0.58

Notes:
 NS = No standard established
 -- = Parameter not analyzed
 NR = Parameter not reported
 J = Between Limit of Detection & Limit of Quantification
 Dup = Duplicate Sample
ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
BOLD indicates exceedance of NR 140.10 Enforcement Standard

Table A.1
 Groundwater Chemistry - CVOCs
 Tidy Cleaners
 818 S. Broadway
 Green Bay, WI

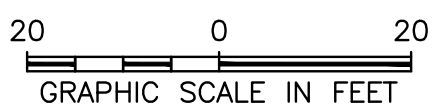
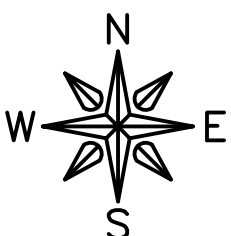
Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	MW-7					MW-8					MW-9	MW-10	MW-11	PZ-12	B-13	Trip Blank		
Date	8/2/11			8/2/11	10/17/11	8/10/17	6/5/19	8/2/11	10/17/11	10/17/11	8/10/17	6/5/19	6/5/19	6/5/19	6/5/19	6/5/19	6/5/19	6/5/19	7/13/11	10/17/11	6/5/19
Groundwater Elevation	582.63			580.89	580.79	581.92	581.91	581.72		581.48	582.30	580.49	581.99	580.38	556.35	581.16	--	--	--		
Notes	Dup							Dup													
Tetrachloroethene (PCE)	(ug/L)	0.5	5	60.7	58.4	39.0	35.4	40.8	<0.45	0.67	0.89J	0.83 J	2.1	12.2	13.0	8.9	<0.33	14.6	<0.45	<0.45	<0.33
Trichloroethene (TCE)	(ug/L)	0.5	5	2.4	2.4	1.0	0.96 J	0.83 J	<0.48	<0.48	<0.48	<0.33	<0.26	0.80 J	3.2	0.72 J	<0.26	<0.26	<0.48	<0.48	<0.26
cis-1,2-Dichloroethene	(ug/L)	7	70	<0.83	<0.83	<0.83	<0.26	<0.27	<0.83	<0.83	<0.83	<0.26	<0.27	<0.27	0.77 J	<0.27	<0.27	<0.27	<0.83	<0.83	<0.27
trans-1,2-Dichloroethene	(ug/L)	20	100	<0.89	<0.89	<0.89	<0.26	<1.1	<0.89	<0.89	<0.89	<0.26	<1.1	<1.1	1.5 J	<1.1	<1.1	<1.1	<0.89	<0.89	<1.1
Vinyl Chloride	(ug/L)	0.02	0.2	<0.18	<0.18	<0.18	<0.18	<0.17	<0.18	<0.18	<0.18	<0.18	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.18	<0.18	<0.17
Methylene Chloride	(ug/L)	0.5	5	<0.43	<0.43	<0.43	<0.23	<0.58	<0.43	<0.43	<0.43	<0.23	<0.58	--	--	<0.58	<0.58	<0.58	0.86J	2.1	<0.58

Notes:
 NS = No standard established
 -- = Parameter not analyzed
 NR = Parameter not reported
 J = Between Limit of Detection & Limit of Quantification
 Dup = Duplicate Sample
ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
BOLD indicates exceedance of NR 140.10 Enforcement Standard



LEGEND

- ⊕ SOIL BORING w/ GRABWATER SAMPLE
- ⊕ MONITORING WELL
- ⊕ PIEZOMETER WELL
- PCE TETRACHLOROETHENE (ug/L)
- TCE TRICHLOROETHENE (ug/L)
- ND NO DETECT
- ITALICS+* EXCEEDS NR140 PREVENTIVE ACTION LIMIT
- ITALICS/BOLD++* EXCEEDS BOTH NR140 PREVENTIVE ACTION LIMIT & ENFORCEMENT STANDARD
- W— WATER MAIN
- < SAN — SANITARY SEWER
- < ST — STORM SEWER
- G— GAS LINE
- T— TELEPHONE LINE
- ⊙ MANHOLE
- ⊗ WATER VALVE
- ⊘ CATCH BASIN
- ⊘ FLOOR DRAIN



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TIDY CLEANERS
818 S. BROADWAY
GREEN BAY, WI 54304

DRWN: MKH DATE: 08/29/17 APPD: XXX

TITLE: GROUNDWATER CHEMISTRY
6/5/19

BRRTS: 02-05-552220

JOB NO.: 14-1144


PLOT DATE: 7/24/19

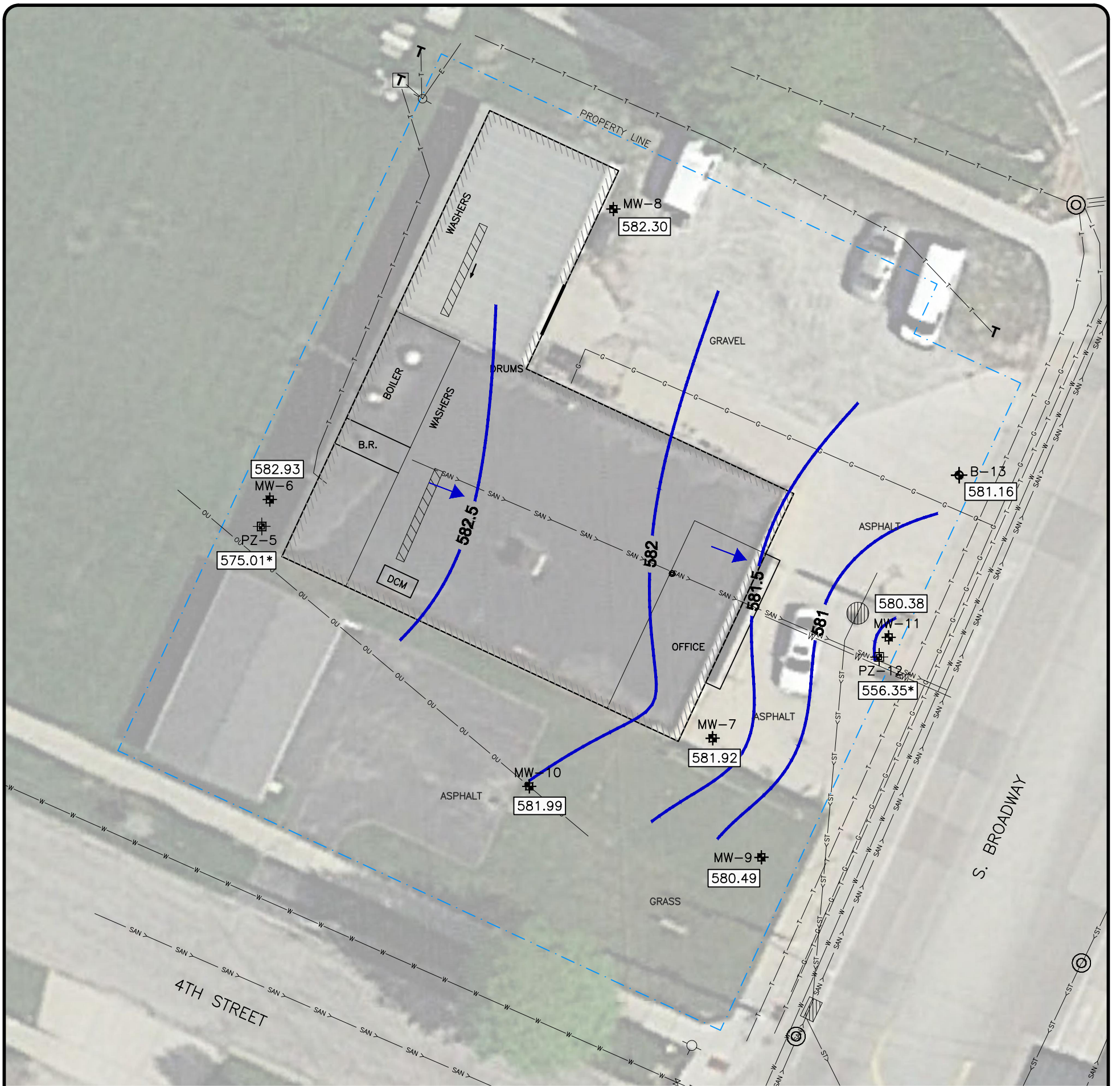
FIGURE:
2

Table A.8
 Groundwater - Natural Attenuation
 Tidy Cleaners
 818 S. Broadway
 Green Bay, WI

TABLE 4 GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETERS
 Tidy Cleaners, 818 S. Broadway, Green Bay, WI

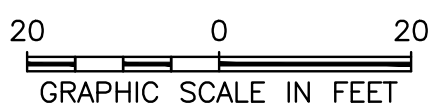
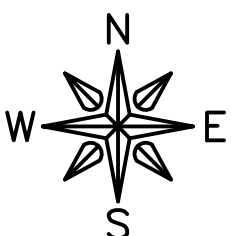
		COMPOUNDS											
		FIELD PARAMETERS					LABORATORY PARAMETERS						
Sample ID	Sample Date	Dissolved Oxygen (field) (mg/l)	ORP (eV) (eV)	Spec. Cond. (ms) (ms)	pH	Temp (C) (°C)	Dissolved Iron (ug/l)	Dissolved Manganese (ug/l)	Sulfate (mg/l)	Nitrate plus Nitrite (mg/l)	Methane (ug/l)	Ethane (ug/l)	Ethene (ug/l)
PZ-5	8/2/2011	42.5	90.9	1.194	6.62	13.25	NA	NA	NA	NA	NA	NA	NA
PZ-5	10/17/2011	15.5	151.9	1.276	7.59	11.97	16.8	27.4	566	1.3	<0.64	<0.36	<0.30
PZ-5	8/10/2017	3.32	162.9	0.640	6.94	13.30	NA	NA	NA	NA	NA	NA	NA
PZ-5	6/5/2019	3.03	124.9	568.9	7.73	11.1	NA	NA	NA	NA	NA	NA	NA
MW-6	8/2/2011	35.4	93.7	0.603	6.74	15.11	NA	NA	NA	NA	NA	NA	NA
MW-6	10/17/2011	5.6	-260.7	0.767	7.33	14.82	23.5	18.9	34.0	0.27	272	<0.36	<0.30
MW-6	8/10/2017	0.55	152.1	0.575	7.04	15.70	NA	NA	NA	NA	NA	NA	NA
MW-6	6/5/2019	6.88	124.3	470	7.79	10.60	NA	NA	NA	NA	NA	NA	NA
MW-7	8/2/2011	90.5	111.8	2.015	6.56	13.87	NA	NA	NA	NA	NA	NA	NA
MW-7	10/17/2011	10.8	6.4	2.116	7.17	16.21	8.2 J	13.6	53.0	3.9	<0.64	<0.36	<0.30
MW-7	8/10/2017	2.31	153.5	0.740	7.26	20.00	NA	NA	NA	NA	NA	NA	NA
MW-7	6/5/2019	4.32	131.7	780	7.76	11.60	NA	NA	NA	NA	NA	NA	NA
MW-8	8/2/2011	68.2	112.0	0.945	6.52	13.84	NA	NA	NA	NA	NA	NA	NA
MW-8	10/17/2011	7.0	35.1	1.229	7.20	15.46	48.4	6.4	45.7	4.8	<0.64	<0.36	<0.30
MW-8	8/10/2017	1.14	160.3	1.090	7.20	19.20	NA	NA	NA	NA	NA	NA	NA
MW-8	6/5/2019	6.26	127.4	894	7.89	10.90	NA	NA	NA	NA	NA	NA	NA
MW-9	6/5/2019	4.56	131.4	854	7.58	9.50	NA	NA	NA	NA	NA	NA	NA
MW-10	6/5/2019	4.45	125.6	768	7.54	11.80	NA	NA	NA	NA	NA	NA	NA
MW-11	6/5/2019	5.13	147.5	2529	7.19	11.00	NA	NA	NA	NA	NA	NA	NA
PZ-12	6/5/2019	3.67	154.2	1099	7.14	13.00	NA	NA	NA	NA	NA	NA	NA
NR 140 Preventive Action Limit		NS	NS	NS	NS	NS	150	25	125	2	NS	NS	NS
NR 140 Enforcement Standard		NS	NS	NS	NS	NS	300	50	250	10	NS	NS	NS

Notes: NS = No standard established
Bold value exceeds NR 140.10 or 140.12 PAL
Bold and **Boxed** value indicates exceedance of NR 140 Enforcement Standard
 Dissolved oxygen field data is suspect due to meter malfunction



LEGEND

- MONITORING WELL
- PIEZOMETER WELL
- SMALL DIAMETER WELL
- 581.99 GROUNDWATER ELEVATION
- 575.01* NOT USED IN CONTOUR
- GROUNDWATER FLOW DIRECTION
- WATER MAIN
- SANITARY SEWER
- STORM SEWER
- GAS LINE
- TELEPHONE LINE
- ⊙ MANHOLE
- ⊗ WATER VALVE
- CATCH BASIN
- FLOOR DRAIN



FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL

ILLINOIS
IOWA
WISCONSIN

TIDY CLEANERS
818 S. BROADWAY
GREEN BAY, WI 54304

DRWN: MKH DATE: 08/29/17 APPD: XXX

TITLE:
**GROUNDWATER FLOW
DIRECTION
JUNE 5, 2019**

BRRTS: 02-05-552220

JOB NO.: 14-1144

PLOT DATE: 6/10/19

FIGURE:
1

Table A.6
 Water Level Elevations
 Tidy Cleaners
 818 S. Broadway
 Green Bay, WI

Top of Casing Elevation (ft. MSL)	585.33	585.67	585.79	586.48	585.00
Ground Surface Elevation (ft. MSL)	586.09	585.93	586.18	586.59	585.42
Stickup (feet)	-0.76	-0.26	-0.39	-0.11	-0.42
Total Depth (feet below grade)	29.95	14.21	13.89	14.02	14.02
Well Identification	MW-10	MW-11	PZ-12	B-13	
Top of Casing Elevation (ft. MSL)	585.05	585.26	585.41	585.29	
Ground Surface Elevation (ft. MSL)	585.52	585.62	585.72	585.60	
Stickup (feet)	-0.47	-0.36	-0.31	-0.31	
Total Depth (feet below grade)	14.13	14.24	29.90	12.85	

Sample Date	PZ-5			MW-6			MW-7		
	Depth to Water (ft below TOC)	Depth to Water (ft below grade)	Groundwater Elev. (ft. MSL)	Depth to Water (ft below TOC)	Depth to Water (ft below grade)	Groundwater Elev. (ft. MSL)	Depth to Water (ft below TOC)	Depth to Water (ft below grade)	Groundwater Elev. (ft. MSL)
8/2/2011	29.35	30.11	555.98	3.29	3.55	582.38	3.16	3.55	582.63
10/17/2011	26.73	27.49	558.60	3.56	3.82	582.11	4.90	5.29	580.89
8/10/2017	14.20	14.96	571.13	3.46	3.72	582.21	5.00	5.39	580.79
6/5/2019	10.32	11.08	575.01	2.74	3.00	582.93	3.87	4.26	581.92

Sample Date	MW-8			MW-9			MW-10		
	Depth to Water (ft below TOC)	Depth to Water (ft below grade)	Groundwater Elev. (ft. MSL)	Depth to Water (ft below TOC)	Depth to Water (ft below grade)	Groundwater Elev. (ft. MSL)	Depth to Water (ft below TOC)	Depth to Water (ft below grade)	Groundwater Elev. (ft. MSL)
8/2/2011	4.57	4.68	581.91		Not Installed			Not Installed	
10/17/2011	4.76	4.87	581.72		Not Installed			Not Installed	
8/10/2017	5.00	5.11	581.48		Not Installed			Not Installed	
6/5/2019	4.18	4.29	582.30	4.51	4.93	580.49	3.06	3.53	581.99

Sample Date	MW-11			PZ-12			B-13		
	Depth to Water (ft below TOC)	Depth to Water (ft below grade)	Groundwater Elev. (ft. MSL)	Depth to Water (ft below TOC)	Depth to Water (ft below grade)	Groundwater Elev. (ft. MSL)	Depth to Water (ft below TOC)	Depth to Water (ft below grade)	Groundwater Elev. (ft. MSL)
6/5/2019	4.88	5.24	580.38	29.06	29.37	556.35	4.13	4.44	581.16

Notes:

ft. MSL = elevation in relation to mean sea level

Hydrant NW Corner 4th and Broadway, Tag Bolt on Flange

May 03, 2019

Ken Ebbott
Fehr Graham Engineering and Environmental
909 N. 8th Street
Suite 101
Sheboygan, WI 53081

RE: Project: 14-1144 TIDY CLEANERS
Pace Project No.: 40186609

Dear Ken Ebbott:

Enclosed are the analytical results for sample(s) received by the laboratory on April 26, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



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

Enclosures

cc: Megan Hansen, Fehr Graham Engineering and
Environmental



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Green Bay Certification IDs

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

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SAMPLE SUMMARY

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40186609001	MW-9 3-4'	Solid	04/26/19 12:35	04/26/19 14:35
40186609002	MW-9 11-12'	Solid	04/26/19 12:45	04/26/19 14:35
40186609003	MW-10 3-4'	Solid	04/26/19 13:35	04/26/19 14:35
40186609004	MW-10 11-12'	Solid	04/26/19 13:45	04/26/19 14:35
40186609005	PZ-12 3-4'	Solid	04/26/19 10:00	04/26/19 14:35
40186609006	PZ-12 11-12'	Solid	04/26/19 10:10	04/26/19 14:35
40186609007	PZ-12 19-20'	Solid	04/26/19 10:30	04/26/19 14:35
40186609008	B-13 3-4'	Solid	04/26/19 08:10	04/26/19 14:35
40186609009	B-13 11-12'	Solid	04/26/19 08:20	04/26/19 14:35
40186609010	METH BLANK	Solid	04/26/19 00:00	04/26/19 14:35

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SAMPLE ANALYTE COUNT

Project: 14-1144 TIDY CLEANERS
Pace Project No.: 40186609

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40186609001	MW-9 3-4'	EPA 8260	SMT	8	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40186609002	MW-9 11-12'	EPA 8260	SMT	8	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40186609003	MW-10 3-4'	EPA 8260	SMT	8	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40186609004	MW-10 11-12'	EPA 8260	SMT	8	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40186609005	PZ-12 3-4'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40186609006	PZ-12 11-12'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40186609007	PZ-12 19-20'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40186609008	B-13 3-4'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40186609009	B-13 11-12'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	PCG	1	PASI-G
40186609010	METH BLANK	EPA 8260	SMT	64	PASI-G

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SUMMARY OF DETECTION

Project: 14-1144 TIDY CLEANERS
Pace Project No.: 40186609

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40186609001	MW-9 3-4'					
ASTM D2974-87	Percent Moisture	18.0	%	0.10	05/02/19 09:00	
40186609002	MW-9 11-12'					
EPA 8260	Tetrachloroethene	169	ug/kg	72.6	04/30/19 22:09	
ASTM D2974-87	Percent Moisture	17.4	%	0.10	05/02/19 09:00	
40186609003	MW-10 3-4'					
ASTM D2974-87	Percent Moisture	19.2	%	0.10	05/02/19 09:00	
40186609004	MW-10 11-12'					
ASTM D2974-87	Percent Moisture	9.9	%	0.10	05/02/19 09:01	
40186609005	PZ-12 3-4'					
ASTM D2974-87	Percent Moisture	22.7	%	0.10	05/02/19 09:01	
40186609006	PZ-12 11-12'					
EPA 8260	Tetrachloroethene	2920	ug/kg	71.5	04/30/19 23:42	
ASTM D2974-87	Percent Moisture	16.1	%	0.10	05/02/19 09:01	
40186609007	PZ-12 19-20'					
EPA 8260	Tetrachloroethene	1890	ug/kg	72.4	05/01/19 00:05	
ASTM D2974-87	Percent Moisture	17.2	%	0.10	05/02/19 09:01	
40186609008	B-13 3-4'					
ASTM D2974-87	Percent Moisture	21.9	%	0.10	05/02/19 09:01	
40186609009	B-13 11-12'					
EPA 8260	Tetrachloroethene	376	ug/kg	73.2	05/01/19 00:51	
ASTM D2974-87	Percent Moisture	18.0	%	0.10	04/26/19 18:43	

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: MW-9 3-4' **Lab ID: 40186609001** Collected: 04/26/19 12:35 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 21:46	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 21:46	156-60-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 21:46	127-18-4	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 21:46	79-01-6	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 21:46	75-01-4	W
Surrogates									
Dibromofluoromethane (S)	111	%	57-146		1	04/30/19 09:30	04/30/19 21:46	1868-53-7	
Toluene-d8 (S)	105	%	64-134		1	04/30/19 09:30	04/30/19 21:46	2037-26-5	
4-Bromofluorobenzene (S)	116	%	54-126		1	04/30/19 09:30	04/30/19 21:46	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	18.0	%	0.10	0.10	1		05/02/19 09:00		

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: MW-9 11-12' **Lab ID:** 40186609002 Collected: 04/26/19 12:45 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:09	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:09	156-60-5	W
Tetrachloroethene	169	ug/kg	72.6	30.3	1	04/30/19 09:30	04/30/19 22:09	127-18-4	
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:09	79-01-6	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:09	75-01-4	W
Surrogates									
Dibromofluoromethane (S)	108	%	57-146		1	04/30/19 09:30	04/30/19 22:09	1868-53-7	
Toluene-d8 (S)	104	%	64-134		1	04/30/19 09:30	04/30/19 22:09	2037-26-5	
4-Bromofluorobenzene (S)	113	%	54-126		1	04/30/19 09:30	04/30/19 22:09	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	17.4	%	0.10	0.10	1		05/02/19 09:00		

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: MW-10 3-4' **Lab ID: 40186609003** Collected: 04/26/19 13:35 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:32	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:32	156-60-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:32	127-18-4	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:32	79-01-6	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:32	75-01-4	W
Surrogates									
Dibromofluoromethane (S)	122	%	57-146		1	04/30/19 09:30	04/30/19 22:32	1868-53-7	
Toluene-d8 (S)	116	%	64-134		1	04/30/19 09:30	04/30/19 22:32	2037-26-5	
4-Bromofluorobenzene (S)	129	%	54-126		1	04/30/19 09:30	04/30/19 22:32	460-00-4	S3
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	19.2	%	0.10	0.10	1		05/02/19 09:00		

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: MW-10 11-12' Lab ID: 40186609004 Collected: 04/26/19 13:45 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:55	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:55	156-60-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:55	127-18-4	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:55	79-01-6	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:55	75-01-4	W
Surrogates									
Dibromofluoromethane (S)	111	%	57-146		1	04/30/19 09:30	04/30/19 22:55	1868-53-7	
Toluene-d8 (S)	104	%	64-134		1	04/30/19 09:30	04/30/19 22:55	2037-26-5	
4-Bromofluorobenzene (S)	112	%	54-126		1	04/30/19 09:30	04/30/19 22:55	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	9.9	%	0.10	0.10	1		05/02/19 09:01		

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: PZ-12 3-4' Lab ID: **40186609005** Collected: 04/26/19 10:00 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	04/30/19 09:30	04/30/19 23:19	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	04/30/19 09:30	04/30/19 23:19	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	04/30/19 09:30	04/30/19 23:19	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	04/30/19 09:30	04/30/19 23:19	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	04/30/19 09:30	04/30/19 23:19	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	100-42-5	W

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: PZ-12 3-4' **Lab ID: 40186609005** Collected: 04/26/19 10:00 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	04/30/19 09:30	04/30/19 23:19	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	04/30/19 09:30	04/30/19 23:19	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	113	%	57-146		1	04/30/19 09:30	04/30/19 23:19	1868-53-7	
Toluene-d8 (S)	105	%	64-134		1	04/30/19 09:30	04/30/19 23:19	2037-26-5	
4-Bromofluorobenzene (S)	116	%	54-126		1	04/30/19 09:30	04/30/19 23:19	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	22.7	%	0.10	0.10	1		05/02/19 09:01		

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: PZ-12 11-12' Lab ID: 40186609006 Collected: 04/26/19 10:10 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	04/30/19 09:30	04/30/19 23:42	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	04/30/19 09:30	04/30/19 23:42	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	04/30/19 09:30	04/30/19 23:42	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	04/30/19 09:30	04/30/19 23:42	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	04/30/19 09:30	04/30/19 23:42	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	100-42-5	W

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: PZ-12 11-12' **Lab ID: 40186609006** Collected: 04/26/19 10:10 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	79-34-5	W
Tetrachloroethene	2920	ug/kg	71.5	29.8	1	04/30/19 09:30	04/30/19 23:42	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	04/30/19 09:30	04/30/19 23:42	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	04/30/19 09:30	04/30/19 23:42	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	104	%	57-146		1	04/30/19 09:30	04/30/19 23:42	1868-53-7	
Toluene-d8 (S)	100	%	64-134		1	04/30/19 09:30	04/30/19 23:42	2037-26-5	
4-Bromofluorobenzene (S)	108	%	54-126		1	04/30/19 09:30	04/30/19 23:42	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	16.1	%	0.10	0.10	1		05/02/19 09:01		

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: PZ-12 19-20' Lab ID: **40186609007** Collected: 04/26/19 10:30 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	04/30/19 09:30	05/01/19 00:05	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	04/30/19 09:30	05/01/19 00:05	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	04/30/19 09:30	05/01/19 00:05	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	04/30/19 09:30	05/01/19 00:05	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	04/30/19 09:30	05/01/19 00:05	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	100-42-5	W

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: PZ-12 19-20' **Lab ID: 40186609007** Collected: 04/26/19 10:30 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	79-34-5	W
Tetrachloroethene	1890	ug/kg	72.4	30.2	1	04/30/19 09:30	05/01/19 00:05	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	04/30/19 09:30	05/01/19 00:05	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	04/30/19 09:30	05/01/19 00:05	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	105	%	57-146		1	04/30/19 09:30	05/01/19 00:05	1868-53-7	
Toluene-d8 (S)	99	%	64-134		1	04/30/19 09:30	05/01/19 00:05	2037-26-5	
4-Bromofluorobenzene (S)	105	%	54-126		1	04/30/19 09:30	05/01/19 00:05	460-00-4	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	17.2	%	0.10	0.10	1		05/02/19 09:01		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: B-13 3-4' Lab ID: **40186609008** Collected: 04/26/19 08:10 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	04/30/19 09:30	05/01/19 00:28	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	04/30/19 09:30	05/01/19 00:28	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	04/30/19 09:30	05/01/19 00:28	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	04/30/19 09:30	05/01/19 00:28	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	04/30/19 09:30	05/01/19 00:28	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: B-13 3-4' **Lab ID: 40186609008** Collected: 04/26/19 08:10 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	04/30/19 09:30	05/01/19 00:28	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	04/30/19 09:30	05/01/19 00:28	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	115	%	57-146		1	04/30/19 09:30	05/01/19 00:28	1868-53-7	
Toluene-d8 (S)	110	%	64-134		1	04/30/19 09:30	05/01/19 00:28	2037-26-5	
4-Bromofluorobenzene (S)	118	%	54-126		1	04/30/19 09:30	05/01/19 00:28	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	21.9	%	0.10	0.10	1		05/02/19 09:01		

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: B-13 11-12' Lab ID: 40186609009 Collected: 04/26/19 08:20 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	04/30/19 09:30	05/01/19 00:51	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	04/30/19 09:30	05/01/19 00:51	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	04/30/19 09:30	05/01/19 00:51	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	04/30/19 09:30	05/01/19 00:51	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	04/30/19 09:30	05/01/19 00:51	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	100-42-5	W

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: B-13 11-12' **Lab ID: 40186609009** Collected: 04/26/19 08:20 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	79-34-5	W
Tetrachloroethene	376	ug/kg	73.2	30.5	1	04/30/19 09:30	05/01/19 00:51	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	04/30/19 09:30	05/01/19 00:51	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	04/30/19 09:30	05/01/19 00:51	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	103	%	57-146		1	04/30/19 09:30	05/01/19 00:51	1868-53-7	
Toluene-d8 (S)	97	%	64-134		1	04/30/19 09:30	05/01/19 00:51	2037-26-5	
4-Bromofluorobenzene (S)	107	%	54-126		1	04/30/19 09:30	05/01/19 00:51	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	18.0	%	0.10	0.10	1		04/26/19 18:43		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: METH BLANK Lab ID: **40186609010** Collected: 04/26/19 00:00 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	04/30/19 09:30	04/30/19 18:41	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	04/30/19 09:30	04/30/19 18:41	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	04/30/19 09:30	04/30/19 18:41	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	04/30/19 09:30	04/30/19 18:41	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	04/30/19 09:30	04/30/19 18:41	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: METH BLANK **Lab ID: 40186609010** Collected: 04/26/19 00:00 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	04/30/19 09:30	04/30/19 18:41	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	04/30/19 09:30	04/30/19 18:41	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	93	%	57-146		1	04/30/19 09:30	04/30/19 18:41	1868-53-7	
Toluene-d8 (S)	92	%	64-134		1	04/30/19 09:30	04/30/19 18:41	2037-26-5	
4-Bromofluorobenzene (S)	111	%	54-126		1	04/30/19 09:30	04/30/19 18:41	460-00-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

QC Batch: 319885 Analysis Method: EPA 8260
 QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
 Associated Lab Samples: 40186609001, 40186609002, 40186609003, 40186609004, 40186609005, 40186609006, 40186609007, 40186609008, 40186609009, 40186609010

METHOD BLANK: 1858584 Matrix: Solid
 Associated Lab Samples: 40186609001, 40186609002, 40186609003, 40186609004, 40186609005, 40186609006, 40186609007, 40186609008, 40186609009, 40186609010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	04/30/19 17:31	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	04/30/19 17:31	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	04/30/19 17:31	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	04/30/19 17:31	
1,1-Dichloroethane	ug/kg	<17.6	50.0	04/30/19 17:31	
1,1-Dichloroethene	ug/kg	<17.6	50.0	04/30/19 17:31	
1,1-Dichloropropene	ug/kg	<14.0	50.0	04/30/19 17:31	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	04/30/19 17:31	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	04/30/19 17:31	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	04/30/19 17:31	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	04/30/19 17:31	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	04/30/19 17:31	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	04/30/19 17:31	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	04/30/19 17:31	
1,2-Dichloroethane	ug/kg	<15.0	50.0	04/30/19 17:31	
1,2-Dichloropropane	ug/kg	<16.8	50.0	04/30/19 17:31	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	04/30/19 17:31	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	04/30/19 17:31	
1,3-Dichloropropane	ug/kg	<12.0	50.0	04/30/19 17:31	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	04/30/19 17:31	
2,2-Dichloropropane	ug/kg	<12.6	50.0	04/30/19 17:31	
2-Chlorotoluene	ug/kg	<15.8	50.0	04/30/19 17:31	
4-Chlorotoluene	ug/kg	<13.0	50.0	04/30/19 17:31	
Benzene	ug/kg	<9.2	20.0	04/30/19 17:31	
Bromobenzene	ug/kg	<20.6	50.0	04/30/19 17:31	
Bromochloromethane	ug/kg	<21.4	50.0	04/30/19 17:31	
Bromodichloromethane	ug/kg	<9.8	50.0	04/30/19 17:31	
Bromoform	ug/kg	<19.8	50.0	04/30/19 17:31	
Bromomethane	ug/kg	<69.9	250	04/30/19 17:31	
Carbon tetrachloride	ug/kg	<12.1	50.0	04/30/19 17:31	
Chlorobenzene	ug/kg	<14.8	50.0	04/30/19 17:31	
Chloroethane	ug/kg	<67.0	250	04/30/19 17:31	
Chloroform	ug/kg	<46.4	250	04/30/19 17:31	
Chloromethane	ug/kg	<20.4	50.0	04/30/19 17:31	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	04/30/19 17:31	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	04/30/19 17:31	
Dibromochloromethane	ug/kg	<17.9	50.0	04/30/19 17:31	
Dibromomethane	ug/kg	<19.3	50.0	04/30/19 17:31	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	04/30/19 17:31	
Diisopropyl ether	ug/kg	<17.7	50.0	04/30/19 17:31	

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QUALITY CONTROL DATA

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

METHOD BLANK: 1858584

Matrix: Solid

Associated Lab Samples: 40186609001, 40186609002, 40186609003, 40186609004, 40186609005, 40186609006, 40186609007, 40186609008, 40186609009, 40186609010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<12.4	50.0	04/30/19 17:31	
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	04/30/19 17:31	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	04/30/19 17:31	
m&p-Xylene	ug/kg	<34.4	100	04/30/19 17:31	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	04/30/19 17:31	
Methylene Chloride	ug/kg	<16.2	50.0	04/30/19 17:31	
n-Butylbenzene	ug/kg	<10.5	50.0	04/30/19 17:31	
n-Propylbenzene	ug/kg	<11.6	50.0	04/30/19 17:31	
Naphthalene	ug/kg	<40.0	250	04/30/19 17:31	
o-Xylene	ug/kg	<14.0	50.0	04/30/19 17:31	
p-Isopropyltoluene	ug/kg	<12.0	50.0	04/30/19 17:31	
sec-Butylbenzene	ug/kg	<11.9	50.0	04/30/19 17:31	
Styrene	ug/kg	<9.0	50.0	04/30/19 17:31	
tert-Butylbenzene	ug/kg	<9.5	50.0	04/30/19 17:31	
Tetrachloroethene	ug/kg	<12.9	50.0	04/30/19 17:31	
Toluene	ug/kg	<11.2	50.0	04/30/19 17:31	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	04/30/19 17:31	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	04/30/19 17:31	
Trichloroethene	ug/kg	<23.6	50.0	04/30/19 17:31	
Trichlorofluoromethane	ug/kg	<24.7	50.0	04/30/19 17:31	
Vinyl chloride	ug/kg	<21.1	50.0	04/30/19 17:31	
4-Bromofluorobenzene (S)	%	114	54-126	04/30/19 17:31	
Dibromofluoromethane (S)	%	102	57-146	04/30/19 17:31	
Toluene-d8 (S)	%	100	64-134	04/30/19 17:31	

LABORATORY CONTROL SAMPLE: 1858585

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2390	96	70-132	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2720	109	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2510	100	70-130	
1,1-Dichloroethane	ug/kg	2500	2810	113	70-130	
1,1-Dichloroethene	ug/kg	2500	2510	100	77-126	
1,2,4-Trichlorobenzene	ug/kg	2500	1910	76	66-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	1910	76	54-129	
1,2-Dibromoethane (EDB)	ug/kg	2500	2430	97	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2400	96	70-130	
1,2-Dichloroethane	ug/kg	2500	2890	116	70-134	
1,2-Dichloropropane	ug/kg	2500	2820	113	74-124	
1,3-Dichlorobenzene	ug/kg	2500	2550	102	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2460	98	70-130	
Benzene	ug/kg	2500	2780	111	70-130	
Bromodichloromethane	ug/kg	2500	2480	99	70-130	

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QUALITY CONTROL DATA

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

LABORATORY CONTROL SAMPLE: 1858585

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/kg	2500	2170	87	47-115	
Bromomethane	ug/kg	2500	2950	118	64-165	
Carbon tetrachloride	ug/kg	2500	2160	87	70-131	
Chlorobenzene	ug/kg	2500	2510	101	70-130	
Chloroethane	ug/kg	2500	3000	120	28-197	
Chloroform	ug/kg	2500	2650	106	80-131	
Chloromethane	ug/kg	2500	2220	89	45-118	
cis-1,2-Dichloroethene	ug/kg	2500	2490	100	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2470	99	70-130	
Dibromochloromethane	ug/kg	2500	2250	90	70-130	
Dichlorodifluoromethane	ug/kg	2500	1790	72	38-108	
Ethylbenzene	ug/kg	2500	2530	101	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2660	107	70-130	
m&p-Xylene	ug/kg	5000	5140	103	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2670	107	70-130	
Methylene Chloride	ug/kg	2500	2770	111	70-130	
o-Xylene	ug/kg	2500	2550	102	70-130	
Styrene	ug/kg	2500	2770	111	70-130	
Tetrachloroethene	ug/kg	2500	2140	86	70-130	
Toluene	ug/kg	2500	2420	97	80-121	
trans-1,2-Dichloroethene	ug/kg	2500	2470	99	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2310	92	70-130	
Trichloroethene	ug/kg	2500	2520	101	70-130	
Trichlorofluoromethane	ug/kg	2500	2730	109	81-141	
Vinyl chloride	ug/kg	2500	2540	102	68-121	
4-Bromofluorobenzene (S)	%			114	54-126	
Dibromofluoromethane (S)	%			110	57-146	
Toluene-d8 (S)	%			100	64-134	

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: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

QC Batch: 319672

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 40186609009

SAMPLE DUPLICATE: 1857542

Parameter	Units	40186609009 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.0	18.0	0	10	

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

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QUALITY CONTROL DATA

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

QC Batch:	320123	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	40186609001, 40186609002, 40186609003, 40186609004, 40186609005, 40186609006, 40186609007, 40186609008		

SAMPLE DUPLICATE: 1859830

Parameter	Units	40186609001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.0	18.2	1	10	

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QUALIFIERS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

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.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

S3 Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

W Non-detect results are reported on a wet weight basis.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 14-1144 TIDY CLEANERS
Pace Project No.: 40186609

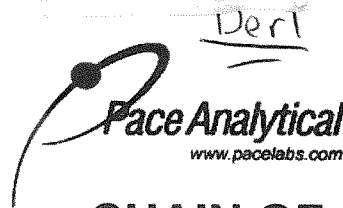
Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40186609001	MW-9 3-4'	EPA 5035/5030B	319885	EPA 8260	319892
40186609002	MW-9 11-12'	EPA 5035/5030B	319885	EPA 8260	319892
40186609003	MW-10 3-4'	EPA 5035/5030B	319885	EPA 8260	319892
40186609004	MW-10 11-12'	EPA 5035/5030B	319885	EPA 8260	319892
40186609005	PZ-12 3-4'	EPA 5035/5030B	319885	EPA 8260	319892
40186609006	PZ-12 11-12'	EPA 5035/5030B	319885	EPA 8260	319892
40186609007	PZ-12 19-20'	EPA 5035/5030B	319885	EPA 8260	319892
40186609008	B-13 3-4'	EPA 5035/5030B	319885	EPA 8260	319892
40186609009	B-13 11-12'	EPA 5035/5030B	319885	EPA 8260	319892
40186609010	METH BLANK	EPA 5035/5030B	319885	EPA 8260	319892
40186609001	MW-9 3-4'	ASTM D2974-87	320123		
40186609002	MW-9 11-12'	ASTM D2974-87	320123		
40186609003	MW-10 3-4'	ASTM D2974-87	320123		
40186609004	MW-10 11-12'	ASTM D2974-87	320123		
40186609005	PZ-12 3-4'	ASTM D2974-87	320123		
40186609006	PZ-12 11-12'	ASTM D2974-87	320123		
40186609007	PZ-12 19-20'	ASTM D2974-87	320123		
40186609008	B-13 3-4'	ASTM D2974-87	320123		
40186609009	B-13 11-12'	ASTM D2974-87	319672		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: Fehr Graham
 Branch/Location: Sheboygan, WI
 Project Contact: Ken Ebbott
 Phone: (920) 453-0700
 Project Number: 14-1144
 Project Name: Tidy Cleaners
 Project State: WI
 Sampled By (Print): Dilly Plamann
 Sampled By (Sign): *Dilly Plamann*
 PO #: _____ Regulatory Program: _____



UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2436

40184609

Page 29 of 31

CHAIN OF CUSTODY

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

FILTERED?
(YES/NO)

 PRESERVATION
(CODE)*

Analyses Requested	Y/N	N	N															
	Pick Letter	F	F															
VOCs																		
CVOCs*																		

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	MU-9 3-4'	4-26-19	1235	S
002	MU-9 11-12'		1245	
003	MU-10 3-4'		1335	
004	MU-10 11-12'		1345	
005	P2-12 3-4'		1000	
006	P2-12 11-12'		1010	
007	P2-12 19-20'		1030	
008	B-13 3-4'		810	
009	B-13 11-12'		820	
010	North Blank			

Quote #: _____

Mail To Contact: Ken Ebbott

Mail To Company: Fehr Graham

Mail To Address: kebbott@fehr-graham.com

Invoice To Contact: AA

Invoice To Company: AA

Invoice To Address: AA


Invoice To Phone: _____

CLIENT COMMENTS: Only Chlorinated VOCs

LAB COMMENTS (Lab Use Only): * PCE, TCE, VC, cis/trans-DCE
 per K.E. 4/29/19

Profile #: _____

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By: <i>Dilly Plamann</i>	Date/Time: 4-26-19 1435	Received By: <i>Chloe Hyslop</i>	Date/Time: 4/26/19 1435	PACE Project No. 40184609
	Transmit Prelim Rush Results by (complete what you want):	Relinquished By:	Date/Time:	Received By:	
Email #1:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Receipt Temp = 20.1 °C
Email #2:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Sample Receipt pH OK / Adjusted
Telephone:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Cooler Custody Seal Present / Not Present
Fax:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Intact / Not Intact

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 25Apr2018
	Document No.: F-GB-C-031-Rev.07	Issuing Authority: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project # _____

Client Name: Fehr Graham

WO#: 40186609

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



Tracking #: _____

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

Custody Seal on Samples Present: yes no **Seals intact:** yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used SR - N/A **Type of Ice:** Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: _____ /Corr: RA

Temp Blank Present: yes no **Biological Tissue is Frozen:** yes no

Person examining contents: Date: <u>4/29/09</u> Initials: <u>AS</u>
--

Temp should be above freezing to 6°C.
 Biota Samples may be received at ≤ 0°C.

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.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time: _____
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.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
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: <u>S</u>		
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): <u>covered</u>		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature] **Date:** 4/29/09

May 03, 2019

Ken Ebbott
Fehr Graham Engineering and Environmental
909 N. 8th Street
Suite 101
Sheboygan, WI 53081

RE: Project: 14-1144 TIDY CLEANERS
Pace Project No.: 40186609

Dear Ken Ebbott:

Enclosed are the analytical results for sample(s) received by the laboratory on April 26, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



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

Enclosures

cc: Megan Hansen, Fehr Graham Engineering and
Environmental



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Green Bay Certification IDs

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: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40186609001	MW-9 3-4'	Solid	04/26/19 12:35	04/26/19 14:35
40186609002	MW-9 11-12'	Solid	04/26/19 12:45	04/26/19 14:35
40186609003	MW-10 3-4'	Solid	04/26/19 13:35	04/26/19 14:35
40186609004	MW-10 11-12'	Solid	04/26/19 13:45	04/26/19 14:35
40186609005	PZ-12 3-4'	Solid	04/26/19 10:00	04/26/19 14:35
40186609006	PZ-12 11-12'	Solid	04/26/19 10:10	04/26/19 14:35
40186609007	PZ-12 19-20'	Solid	04/26/19 10:30	04/26/19 14:35
40186609008	B-13 3-4'	Solid	04/26/19 08:10	04/26/19 14:35
40186609009	B-13 11-12'	Solid	04/26/19 08:20	04/26/19 14:35
40186609010	METH BLANK	Solid	04/26/19 00:00	04/26/19 14:35

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SAMPLE ANALYTE COUNT

Project: 14-1144 TIDY CLEANERS
Pace Project No.: 40186609

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40186609001	MW-9 3-4'	EPA 8260	SMT	8	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40186609002	MW-9 11-12'	EPA 8260	SMT	8	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40186609003	MW-10 3-4'	EPA 8260	SMT	8	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40186609004	MW-10 11-12'	EPA 8260	SMT	8	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40186609005	PZ-12 3-4'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40186609006	PZ-12 11-12'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40186609007	PZ-12 19-20'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40186609008	B-13 3-4'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40186609009	B-13 11-12'	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	PCG	1	PASI-G
40186609010	METH BLANK	EPA 8260	SMT	64	PASI-G

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 14-1144 TIDY CLEANERS
Pace Project No.: 40186609

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40186609001	MW-9 3-4'					
ASTM D2974-87	Percent Moisture	18.0	%	0.10	05/02/19 09:00	
40186609002	MW-9 11-12'					
EPA 8260	Tetrachloroethene	169	ug/kg	72.6	04/30/19 22:09	
ASTM D2974-87	Percent Moisture	17.4	%	0.10	05/02/19 09:00	
40186609003	MW-10 3-4'					
ASTM D2974-87	Percent Moisture	19.2	%	0.10	05/02/19 09:00	
40186609004	MW-10 11-12'					
ASTM D2974-87	Percent Moisture	9.9	%	0.10	05/02/19 09:01	
40186609005	PZ-12 3-4'					
ASTM D2974-87	Percent Moisture	22.7	%	0.10	05/02/19 09:01	
40186609006	PZ-12 11-12'					
EPA 8260	Tetrachloroethene	2920	ug/kg	71.5	04/30/19 23:42	
ASTM D2974-87	Percent Moisture	16.1	%	0.10	05/02/19 09:01	
40186609007	PZ-12 19-20'					
EPA 8260	Tetrachloroethene	1890	ug/kg	72.4	05/01/19 00:05	
ASTM D2974-87	Percent Moisture	17.2	%	0.10	05/02/19 09:01	
40186609008	B-13 3-4'					
ASTM D2974-87	Percent Moisture	21.9	%	0.10	05/02/19 09:01	
40186609009	B-13 11-12'					
EPA 8260	Tetrachloroethene	376	ug/kg	73.2	05/01/19 00:51	
ASTM D2974-87	Percent Moisture	18.0	%	0.10	04/26/19 18:43	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: MW-9 3-4' **Lab ID: 40186609001** Collected: 04/26/19 12:35 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 21:46	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 21:46	156-60-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 21:46	127-18-4	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 21:46	79-01-6	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 21:46	75-01-4	W
Surrogates									
Dibromofluoromethane (S)	111	%	57-146		1	04/30/19 09:30	04/30/19 21:46	1868-53-7	
Toluene-d8 (S)	105	%	64-134		1	04/30/19 09:30	04/30/19 21:46	2037-26-5	
4-Bromofluorobenzene (S)	116	%	54-126		1	04/30/19 09:30	04/30/19 21:46	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	18.0	%	0.10	0.10	1		05/02/19 09:00		

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: MW-9 11-12' **Lab ID: 40186609002** Collected: 04/26/19 12:45 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:09	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:09	156-60-5	W
Tetrachloroethene	169	ug/kg	72.6	30.3	1	04/30/19 09:30	04/30/19 22:09	127-18-4	
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:09	79-01-6	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:09	75-01-4	W
Surrogates									
Dibromofluoromethane (S)	108	%	57-146		1	04/30/19 09:30	04/30/19 22:09	1868-53-7	
Toluene-d8 (S)	104	%	64-134		1	04/30/19 09:30	04/30/19 22:09	2037-26-5	
4-Bromofluorobenzene (S)	113	%	54-126		1	04/30/19 09:30	04/30/19 22:09	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	17.4	%	0.10	0.10	1		05/02/19 09:00		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: MW-10 3-4' **Lab ID: 40186609003** Collected: 04/26/19 13:35 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:32	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:32	156-60-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:32	127-18-4	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:32	79-01-6	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:32	75-01-4	W
Surrogates									
Dibromofluoromethane (S)	122	%	57-146		1	04/30/19 09:30	04/30/19 22:32	1868-53-7	
Toluene-d8 (S)	116	%	64-134		1	04/30/19 09:30	04/30/19 22:32	2037-26-5	
4-Bromofluorobenzene (S)	129	%	54-126		1	04/30/19 09:30	04/30/19 22:32	460-00-4	S3
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	19.2	%	0.10	0.10	1		05/02/19 09:00		

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: MW-10 11-12' Lab ID: 40186609004 Collected: 04/26/19 13:45 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:55	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:55	156-60-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:55	127-18-4	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:55	79-01-6	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 22:55	75-01-4	W
Surrogates									
Dibromofluoromethane (S)	111	%	57-146		1	04/30/19 09:30	04/30/19 22:55	1868-53-7	
Toluene-d8 (S)	104	%	64-134		1	04/30/19 09:30	04/30/19 22:55	2037-26-5	
4-Bromofluorobenzene (S)	112	%	54-126		1	04/30/19 09:30	04/30/19 22:55	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	9.9	%	0.10	0.10	1		05/02/19 09:01		

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: PZ-12 3-4' Lab ID: **40186609005** Collected: 04/26/19 10:00 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	04/30/19 09:30	04/30/19 23:19	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	04/30/19 09:30	04/30/19 23:19	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	04/30/19 09:30	04/30/19 23:19	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	04/30/19 09:30	04/30/19 23:19	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	04/30/19 09:30	04/30/19 23:19	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	100-42-5	W

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: PZ-12 3-4' **Lab ID: 40186609005** Collected: 04/26/19 10:00 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	04/30/19 09:30	04/30/19 23:19	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	04/30/19 09:30	04/30/19 23:19	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:19	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	113	%	57-146		1	04/30/19 09:30	04/30/19 23:19	1868-53-7	
Toluene-d8 (S)	105	%	64-134		1	04/30/19 09:30	04/30/19 23:19	2037-26-5	
4-Bromofluorobenzene (S)	116	%	54-126		1	04/30/19 09:30	04/30/19 23:19	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	22.7	%	0.10	0.10	1		05/02/19 09:01		

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: PZ-12 11-12' Lab ID: 40186609006 Collected: 04/26/19 10:10 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	04/30/19 09:30	04/30/19 23:42	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	04/30/19 09:30	04/30/19 23:42	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	04/30/19 09:30	04/30/19 23:42	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	04/30/19 09:30	04/30/19 23:42	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	04/30/19 09:30	04/30/19 23:42	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	100-42-5	W

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: PZ-12 11-12' **Lab ID: 40186609006** Collected: 04/26/19 10:10 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	79-34-5	W
Tetrachloroethene	2920	ug/kg	71.5	29.8	1	04/30/19 09:30	04/30/19 23:42	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	04/30/19 09:30	04/30/19 23:42	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	04/30/19 09:30	04/30/19 23:42	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 23:42	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	104	%	57-146		1	04/30/19 09:30	04/30/19 23:42	1868-53-7	
Toluene-d8 (S)	100	%	64-134		1	04/30/19 09:30	04/30/19 23:42	2037-26-5	
4-Bromofluorobenzene (S)	108	%	54-126		1	04/30/19 09:30	04/30/19 23:42	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	16.1	%	0.10	0.10	1		05/02/19 09:01		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: PZ-12 19-20' Lab ID: 40186609007 Collected: 04/26/19 10:30 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	04/30/19 09:30	05/01/19 00:05	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	04/30/19 09:30	05/01/19 00:05	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	04/30/19 09:30	05/01/19 00:05	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	04/30/19 09:30	05/01/19 00:05	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	04/30/19 09:30	05/01/19 00:05	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: PZ-12 19-20' **Lab ID: 40186609007** Collected: 04/26/19 10:30 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	79-34-5	W
Tetrachloroethene	1890	ug/kg	72.4	30.2	1	04/30/19 09:30	05/01/19 00:05	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	04/30/19 09:30	05/01/19 00:05	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	04/30/19 09:30	05/01/19 00:05	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:05	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	105	%	57-146		1	04/30/19 09:30	05/01/19 00:05	1868-53-7	
Toluene-d8 (S)	99	%	64-134		1	04/30/19 09:30	05/01/19 00:05	2037-26-5	
4-Bromofluorobenzene (S)	105	%	54-126		1	04/30/19 09:30	05/01/19 00:05	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	17.2	%	0.10	0.10	1		05/02/19 09:01		

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS
Pace Project No.: 40186609

Sample: B-13 3-4' Lab ID: 40186609008 Collected: 04/26/19 08:10 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	04/30/19 09:30	05/01/19 00:28	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	04/30/19 09:30	05/01/19 00:28	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	04/30/19 09:30	05/01/19 00:28	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	04/30/19 09:30	05/01/19 00:28	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	04/30/19 09:30	05/01/19 00:28	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	100-42-5	W

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: B-13 3-4' **Lab ID: 40186609008** Collected: 04/26/19 08:10 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	04/30/19 09:30	05/01/19 00:28	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	04/30/19 09:30	05/01/19 00:28	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:28	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	115	%	57-146		1	04/30/19 09:30	05/01/19 00:28	1868-53-7	
Toluene-d8 (S)	110	%	64-134		1	04/30/19 09:30	05/01/19 00:28	2037-26-5	
4-Bromofluorobenzene (S)	118	%	54-126		1	04/30/19 09:30	05/01/19 00:28	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	21.9	%	0.10	0.10	1		05/02/19 09:01		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS
Pace Project No.: 40186609

Sample: B-13 11-12' **Lab ID: 40186609009** Collected: 04/26/19 08:20 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	04/30/19 09:30	05/01/19 00:51	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	04/30/19 09:30	05/01/19 00:51	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	04/30/19 09:30	05/01/19 00:51	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	04/30/19 09:30	05/01/19 00:51	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	04/30/19 09:30	05/01/19 00:51	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: B-13 11-12' **Lab ID: 40186609009** Collected: 04/26/19 08:20 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	79-34-5	W
Tetrachloroethene	376	ug/kg	73.2	30.5	1	04/30/19 09:30	05/01/19 00:51	127-18-4	
Toluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	04/30/19 09:30	05/01/19 00:51	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	04/30/19 09:30	05/01/19 00:51	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	05/01/19 00:51	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	103	%	57-146		1	04/30/19 09:30	05/01/19 00:51	1868-53-7	
Toluene-d8 (S)	97	%	64-134		1	04/30/19 09:30	05/01/19 00:51	2037-26-5	
4-Bromofluorobenzene (S)	107	%	54-126		1	04/30/19 09:30	05/01/19 00:51	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	18.0	%	0.10	0.10	1		04/26/19 18:43		

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: METH BLANK Lab ID: 40186609010 Collected: 04/26/19 00:00 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	04/30/19 09:30	04/30/19 18:41	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	04/30/19 09:30	04/30/19 18:41	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	04/30/19 09:30	04/30/19 18:41	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	04/30/19 09:30	04/30/19 18:41	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	04/30/19 09:30	04/30/19 18:41	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	100-42-5	W

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ANALYTICAL RESULTS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

Sample: METH BLANK **Lab ID: 40186609010** Collected: 04/26/19 00:00 Received: 04/26/19 14:35 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	04/30/19 09:30	04/30/19 18:41	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	04/30/19 09:30	04/30/19 18:41	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	04/30/19 09:30	04/30/19 18:41	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	93	%	57-146		1	04/30/19 09:30	04/30/19 18:41	1868-53-7	
Toluene-d8 (S)	92	%	64-134		1	04/30/19 09:30	04/30/19 18:41	2037-26-5	
4-Bromofluorobenzene (S)	111	%	54-126		1	04/30/19 09:30	04/30/19 18:41	460-00-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

QC Batch: 319885 Analysis Method: EPA 8260
 QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
 Associated Lab Samples: 40186609001, 40186609002, 40186609003, 40186609004, 40186609005, 40186609006, 40186609007, 40186609008, 40186609009, 40186609010

METHOD BLANK: 1858584 Matrix: Solid
 Associated Lab Samples: 40186609001, 40186609002, 40186609003, 40186609004, 40186609005, 40186609006, 40186609007, 40186609008, 40186609009, 40186609010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	04/30/19 17:31	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	04/30/19 17:31	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	04/30/19 17:31	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	04/30/19 17:31	
1,1-Dichloroethane	ug/kg	<17.6	50.0	04/30/19 17:31	
1,1-Dichloroethene	ug/kg	<17.6	50.0	04/30/19 17:31	
1,1-Dichloropropene	ug/kg	<14.0	50.0	04/30/19 17:31	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	04/30/19 17:31	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	04/30/19 17:31	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	04/30/19 17:31	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	04/30/19 17:31	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	04/30/19 17:31	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	04/30/19 17:31	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	04/30/19 17:31	
1,2-Dichloroethane	ug/kg	<15.0	50.0	04/30/19 17:31	
1,2-Dichloropropane	ug/kg	<16.8	50.0	04/30/19 17:31	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	04/30/19 17:31	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	04/30/19 17:31	
1,3-Dichloropropane	ug/kg	<12.0	50.0	04/30/19 17:31	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	04/30/19 17:31	
2,2-Dichloropropane	ug/kg	<12.6	50.0	04/30/19 17:31	
2-Chlorotoluene	ug/kg	<15.8	50.0	04/30/19 17:31	
4-Chlorotoluene	ug/kg	<13.0	50.0	04/30/19 17:31	
Benzene	ug/kg	<9.2	20.0	04/30/19 17:31	
Bromobenzene	ug/kg	<20.6	50.0	04/30/19 17:31	
Bromochloromethane	ug/kg	<21.4	50.0	04/30/19 17:31	
Bromodichloromethane	ug/kg	<9.8	50.0	04/30/19 17:31	
Bromoform	ug/kg	<19.8	50.0	04/30/19 17:31	
Bromomethane	ug/kg	<69.9	250	04/30/19 17:31	
Carbon tetrachloride	ug/kg	<12.1	50.0	04/30/19 17:31	
Chlorobenzene	ug/kg	<14.8	50.0	04/30/19 17:31	
Chloroethane	ug/kg	<67.0	250	04/30/19 17:31	
Chloroform	ug/kg	<46.4	250	04/30/19 17:31	
Chloromethane	ug/kg	<20.4	50.0	04/30/19 17:31	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	04/30/19 17:31	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	04/30/19 17:31	
Dibromochloromethane	ug/kg	<17.9	50.0	04/30/19 17:31	
Dibromomethane	ug/kg	<19.3	50.0	04/30/19 17:31	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	04/30/19 17:31	
Diisopropyl ether	ug/kg	<17.7	50.0	04/30/19 17:31	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

METHOD BLANK: 1858584

Matrix: Solid

Associated Lab Samples: 40186609001, 40186609002, 40186609003, 40186609004, 40186609005, 40186609006, 40186609007, 40186609008, 40186609009, 40186609010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<12.4	50.0	04/30/19 17:31	
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	04/30/19 17:31	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	04/30/19 17:31	
m&p-Xylene	ug/kg	<34.4	100	04/30/19 17:31	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	04/30/19 17:31	
Methylene Chloride	ug/kg	<16.2	50.0	04/30/19 17:31	
n-Butylbenzene	ug/kg	<10.5	50.0	04/30/19 17:31	
n-Propylbenzene	ug/kg	<11.6	50.0	04/30/19 17:31	
Naphthalene	ug/kg	<40.0	250	04/30/19 17:31	
o-Xylene	ug/kg	<14.0	50.0	04/30/19 17:31	
p-Isopropyltoluene	ug/kg	<12.0	50.0	04/30/19 17:31	
sec-Butylbenzene	ug/kg	<11.9	50.0	04/30/19 17:31	
Styrene	ug/kg	<9.0	50.0	04/30/19 17:31	
tert-Butylbenzene	ug/kg	<9.5	50.0	04/30/19 17:31	
Tetrachloroethene	ug/kg	<12.9	50.0	04/30/19 17:31	
Toluene	ug/kg	<11.2	50.0	04/30/19 17:31	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	04/30/19 17:31	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	04/30/19 17:31	
Trichloroethene	ug/kg	<23.6	50.0	04/30/19 17:31	
Trichlorofluoromethane	ug/kg	<24.7	50.0	04/30/19 17:31	
Vinyl chloride	ug/kg	<21.1	50.0	04/30/19 17:31	
4-Bromofluorobenzene (S)	%	114	54-126	04/30/19 17:31	
Dibromofluoromethane (S)	%	102	57-146	04/30/19 17:31	
Toluene-d8 (S)	%	100	64-134	04/30/19 17:31	

LABORATORY CONTROL SAMPLE: 1858585

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2390	96	70-132	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2720	109	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2510	100	70-130	
1,1-Dichloroethane	ug/kg	2500	2810	113	70-130	
1,1-Dichloroethene	ug/kg	2500	2510	100	77-126	
1,2,4-Trichlorobenzene	ug/kg	2500	1910	76	66-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	1910	76	54-129	
1,2-Dibromoethane (EDB)	ug/kg	2500	2430	97	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2400	96	70-130	
1,2-Dichloroethane	ug/kg	2500	2890	116	70-134	
1,2-Dichloropropane	ug/kg	2500	2820	113	74-124	
1,3-Dichlorobenzene	ug/kg	2500	2550	102	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2460	98	70-130	
Benzene	ug/kg	2500	2780	111	70-130	
Bromodichloromethane	ug/kg	2500	2480	99	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

LABORATORY CONTROL SAMPLE: 1858585

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/kg	2500	2170	87	47-115	
Bromomethane	ug/kg	2500	2950	118	64-165	
Carbon tetrachloride	ug/kg	2500	2160	87	70-131	
Chlorobenzene	ug/kg	2500	2510	101	70-130	
Chloroethane	ug/kg	2500	3000	120	28-197	
Chloroform	ug/kg	2500	2650	106	80-131	
Chloromethane	ug/kg	2500	2220	89	45-118	
cis-1,2-Dichloroethene	ug/kg	2500	2490	100	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2470	99	70-130	
Dibromochloromethane	ug/kg	2500	2250	90	70-130	
Dichlorodifluoromethane	ug/kg	2500	1790	72	38-108	
Ethylbenzene	ug/kg	2500	2530	101	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2660	107	70-130	
m&p-Xylene	ug/kg	5000	5140	103	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2670	107	70-130	
Methylene Chloride	ug/kg	2500	2770	111	70-130	
o-Xylene	ug/kg	2500	2550	102	70-130	
Styrene	ug/kg	2500	2770	111	70-130	
Tetrachloroethene	ug/kg	2500	2140	86	70-130	
Toluene	ug/kg	2500	2420	97	80-121	
trans-1,2-Dichloroethene	ug/kg	2500	2470	99	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2310	92	70-130	
Trichloroethene	ug/kg	2500	2520	101	70-130	
Trichlorofluoromethane	ug/kg	2500	2730	109	81-141	
Vinyl chloride	ug/kg	2500	2540	102	68-121	
4-Bromofluorobenzene (S)	%			114	54-126	
Dibromofluoromethane (S)	%			110	57-146	
Toluene-d8 (S)	%			100	64-134	

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QUALITY CONTROL DATA

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

QC Batch: 319672

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 40186609009

SAMPLE DUPLICATE: 1857542

Parameter	Units	40186609009 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.0	18.0	0	10	

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QUALITY CONTROL DATA

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

QC Batch:	320123	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	40186609001, 40186609002, 40186609003, 40186609004, 40186609005, 40186609006, 40186609007, 40186609008		

SAMPLE DUPLICATE: 1859830

Parameter	Units	40186609001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.0	18.2	1	10	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 14-1144 TIDY CLEANERS

Pace Project No.: 40186609

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.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

S3 Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

W Non-detect results are reported on a wet weight basis.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 14-1144 TIDY CLEANERS
Pace Project No.: 40186609

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40186609001	MW-9 3-4'	EPA 5035/5030B	319885	EPA 8260	319892
40186609002	MW-9 11-12'	EPA 5035/5030B	319885	EPA 8260	319892
40186609003	MW-10 3-4'	EPA 5035/5030B	319885	EPA 8260	319892
40186609004	MW-10 11-12'	EPA 5035/5030B	319885	EPA 8260	319892
40186609005	PZ-12 3-4'	EPA 5035/5030B	319885	EPA 8260	319892
40186609006	PZ-12 11-12'	EPA 5035/5030B	319885	EPA 8260	319892
40186609007	PZ-12 19-20'	EPA 5035/5030B	319885	EPA 8260	319892
40186609008	B-13 3-4'	EPA 5035/5030B	319885	EPA 8260	319892
40186609009	B-13 11-12'	EPA 5035/5030B	319885	EPA 8260	319892
40186609010	METH BLANK	EPA 5035/5030B	319885	EPA 8260	319892
40186609001	MW-9 3-4'	ASTM D2974-87	320123		
40186609002	MW-9 11-12'	ASTM D2974-87	320123		
40186609003	MW-10 3-4'	ASTM D2974-87	320123		
40186609004	MW-10 11-12'	ASTM D2974-87	320123		
40186609005	PZ-12 3-4'	ASTM D2974-87	320123		
40186609006	PZ-12 11-12'	ASTM D2974-87	320123		
40186609007	PZ-12 19-20'	ASTM D2974-87	320123		
40186609008	B-13 3-4'	ASTM D2974-87	320123		
40186609009	B-13 11-12'	ASTM D2974-87	319672		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: Fehr Graham
 Branch/Location: Sheboygan, WI
 Project Contact: Ken Ebbott
 Phone: (920) 453-0700
 Project Number: 14-1144
 Project Name: Tidy Cleaners
 Project State: WI
 Sampled By (Print): Dilly Plamann
 Sampled By (Sign): *Dilly Plamann*
 PO #: _____ Regulatory Program: _____



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

40184609

Page 29 of 31

CHAIN OF CUSTODY

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

FILTERED?
(YES/NO)

 PRESERVATION
(CODE)*

Y/N	Pick Letter	Analyses Requested																			
			N	N																	
	F	F																			
			VOCS																		
			CVOCS*																		

Quote #: _____
 Mail To Contact: Ken Ebbott
 Mail To Company: Fehr Graham
 Mail To Address: kebbott@fehr-graham.com
 Invoice To Contact: AA
 Invoice To Company: AA
 Invoice To Address: AA
 Invoice To Phone: _____
 CLIENT COMMENTS: Only Chlorinated VOCs
 LAB COMMENTS: * PCE, TCE, VC, cis/trans-DCE
 Profile #: _____
 Date: 4/29/19

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	MU-9 3-4'	4-26-19	1235	S
002	MU-9 11-12'		1245	
003	MU-10 3-4'		1335	
004	MU-10 11-12'		1345	
005	PZ-12 3-4'		1000	
006	PZ-12 11-12'		1010	
007	PZ-12 19-20'		1030	
008	B-13 3-4'		810	
009	B-13 11-12'		820	
010	North Blank			

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

Relinquished By: *Dilly Plamann* Date/Time: 4-26-19 1435
 Received By: *Chloe Hyslop* Date/Time: 4/26/19 1435

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

Relinquished By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

Relinquished By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

Relinquished By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

Relinquished By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

Relinquished By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

PACE Project No. 40184609
 Receipt Temp = 20.1 °C
 Sample Receipt pH OK / Adjusted
 Cooler Custody Seal Present / Not Present Intact / Not Intact

Sample Preservation Receipt Form

Client Name: Fehr Graham

Project # 40186609

All containers needing preservation have been checked and noted below: Yes No N/A

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

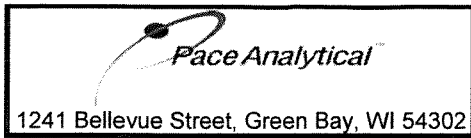
Initial when completed:

Date/Time:

Pace Lab #	Glass							Plastic							Vials					Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)						
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T	ZPLC								GN					
001																																						2.5 / 5 / 10
002																																						2.5 / 5 / 10
003																																						2.5 / 5 / 10
004																																						2.5 / 5 / 10
005																																						2.5 / 5 / 10
006																																						2.5 / 5 / 10
007																																						2.5 / 5 / 10
008																																						2.5 / 5 / 10
009																																						2.5 / 5 / 10
010																																						2.5 / 5 / 10
011																																						2.5 / 5 / 10
012																																						2.5 / 5 / 10
013																																						2.5 / 5 / 10
014																																						2.5 / 5 / 10
015																																						2.5 / 5 / 10
016																																						2.5 / 5 / 10
017																																						2.5 / 5 / 10
018																																						2.5 / 5 / 10
019																																						2.5 / 5 / 10
020																																						2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	DG9A	40 mL amber ascorbic	JGFU	4 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP2N	500 mL plastic HNO3	DG9T	40 mL amber Na Thio	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH, Znact	VG9U	40 mL clear vial unpres	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3U	250 mL plastic unpres	VG9H	40 mL clear vial HCL		
AG5U	100 mL amber glass unpres	BP3C	250 mL plastic NaOH	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4			GN:	



Document Name:
Sample Condition Upon Receipt (SCUR)
 Document No.:
F-GB-C-031-Rev.07

Document Revised: 25Apr2018
 Issuing Authority:
 Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project # _____

Client Name: Fehr Graham

WO#: 40186609

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



Tracking #: _____

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

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

Packing Material: Bubble Wrap Bubble Bags None Other

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

Cooler Temperature Uncorr: _____ /Corr: RU

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Person examining contents:
 Date: 4/29/09
 Initials: AS

Temp should be above freezing to 6°C.
 Biota Samples may be received at ≤ 0°C.

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.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time: _____
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.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
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: <u>S</u>		
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): <u>covered</u>		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments
 Person Contacted: _____ Date/Time: _____
 Comments/ Resolution: _____

Project Manager Review: [Signature]

Date: 4/29/09
1449

Facility/Project Name <u>Tidy Cleaners</u>	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Name MW-9
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ " or _____ "	Wis. Unique Well No. <input type="checkbox"/> DNR Well ID No. <input type="checkbox"/>
Facility ID	St. Plane _____ ft. N. _____ ft. E. S/C/N	Date Well Installed <u>04/26/2019</u> m m d d y y y y
Type of Well Well Code <u>11, MW</u>	Section Location of Waste/Source 1/4 of _____ 1/4 of Sec. _____ T. _____ N, R. <input type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm <u>Darrin Prentice</u> <u>Geiss Soil & Samples LLC</u>
Distance from Waste/Source _____ ft.	Enf. Stds. Apply <input type="checkbox"/>	Location of Well Relative to Waste/Source <input type="checkbox"/> u <input type="checkbox"/> s <input type="checkbox"/> d <input type="checkbox"/> n <input type="checkbox"/> Not Known
	Gov. Lot Number	

- A. Protective pipe, top elevation _____ ft. MSL
- B. Well casing, top elevation _____ ft. MSL
- C. Land surface elevation _____ ft. MSL
- D. Surface seal, bottom _____ ft. MSL or 0 ft.

12. USCS classification of soil near screen:
 GP GM GC GW SW SP
 SM SC ML MH CL CH
 Bedrock

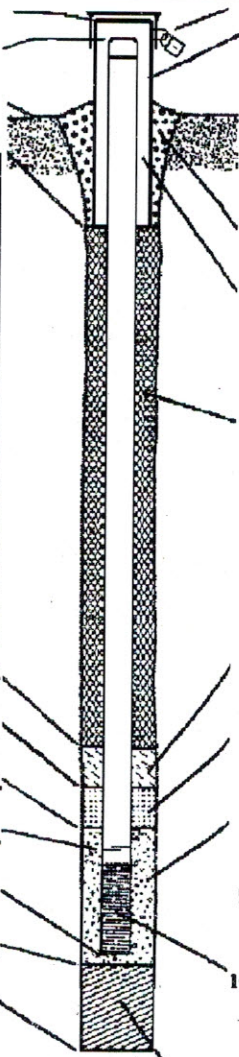
13. Sieve analysis performed? Yes No

14. Drilling method used: Rotary 50
 Hollow Stem Auger 41
 Other

15. Drilling fluid used: Water 02 Air 01
 Drilling Mud 03 None 99

16. Drilling additives used? Yes No
 Describe _____

17. Source of water (attach analysis, if required):



- 1. Cap and lock? Yes No
- 2. Protective cover pipe:
 - a. Inside diameter: 8 in.
 - b. Length: 1 ft.
 - c. Material: Steel 04
Other
 - d. Additional protection? Yes No
If yes, describe: _____
- 3. Surface seal: Bentonite 30
Concrete 01
Other
- 4. Material between well casing and protective pipe: Bentonite 30
Other
- 5. Annular space seal:
 - a. Granular/Chipped Bentonite 33
 - b. _____ Lbs/gal mud weight ... Bentonite-sand slurry 35
 - c. _____ Lbs/gal mud weight ... Bentonite slurry 31
 - d. _____ % Bentonite ... Bentonite-cement grout 50
 - e. _____ Ft³ volume added for any of the above
 - f. How installed: Tremie 01
Tremie pumped 02
Gravity 08
- 6. Bentonite seal:
 - a. Bentonite granules 33
 - b. 1/4 in. 3/8 in. 1/2 in. Bentonite chips 32
 - c. _____ Other
- 7. Fine sand material: Manufacturer, product name & mesh size
 a. #20 Red Flint
 b. Volume added _____ ft³
- 8. Filter pack material: Manufacturer, product name & mesh size
 a. #40 Red Flint
 b. Volume added _____ ft³
- 9. Well casing: Flush threaded PVC schedule 40 23
 Flush threaded PVC schedule 80 24
 Other
- 10. Screen material: PVC
 - a. Screen type: Factory cut 11
Continuous slot 01
Other
 - b. Manufacturer Johnson
 - c. Slot size: 0.010 in.
 - d. Slotted length: _____ ft.
- 11. Backfill material (below filter pack): None 14
Other

- E. Bentonite seal, top _____ ft. MSL or 5 ft.
- F. Fine sand, top _____ ft. MSL or 2.5 ft.
- G. Filter pack, top _____ ft. MSL or 3 ft.
- H. Screen joint, top _____ ft. MSL or 4 ft.
- I. Well bottom _____ ft. MSL or 14 ft.
- J. Filter pack, bottom _____ ft. MSL or 15 ft.
- K. Borehole, bottom _____ ft. MSL or 15 ft.
- L. Borehole, diameter 8.25 in.
- M. O.D. well casing 2.40 in.
- N. I.D. well casing 2.06 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Darrin Prentice Firm Geiss Soil & Samples LLC

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Facility/Project Name <u>Tidy Cleaners</u>		Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.		Well Name <u>PZ-12</u>	
Facility License, Permit or Monitoring No.		Local Grid Origin (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/>		Wis. Unique Well No. DNR Well ID No.	
Facility ID		Lat. _____ Long. _____ or _____		Date Well Installed <u>04/26/2019</u> m m d d y y y y	
Type of Well Well Code <u>11, MW</u>		St. Plane _____ ft. N. _____ ft. E. S/C/N		Well Installed By: Name (first, last) and Firm <u>Darrin Prentice</u> <u>Geiss Soil + Samples LLC</u>	
Distance from Waste/Source _____ ft.		Section Location of Waste/Source 1/4 of _____ 1/4 of Sec. _____ T. _____ N, R. _____ <input type="checkbox"/> E <input type="checkbox"/> W			
Enf. Stds. Apply <input type="checkbox"/>		Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known		Gov. Lot Number _____	

A. Protective pipe, top elevation _____ ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation _____ ft. MSL	2. Protective cover pipe: a. Inside diameter: _____ in. <u>8</u>
C. Land surface elevation _____ ft. MSL	b. Length: _____ ft. <u>1</u>
D. Surface seal, bottom _____ ft. MSL or <u>0</u> ft.	c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	
13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/>	3. Surface seal: Bentonite <input checked="" type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Other <input type="checkbox"/>
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight... Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight... Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite... Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft ³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
17. Source of water (attach analysis, if required): _____	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input checked="" type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
E. Bentonite seal, top _____ ft. MSL or <u>5</u> ft.	7. Fine sand material: Manufacturer, product name & mesh size a. <u>#20 Red Flint</u>
F. Fine sand, top _____ ft. MSL or <u>22</u> ft.	b. Volume added _____ ft ³
G. Filter pack, top _____ ft. MSL or <u>23</u> ft.	8. Filter pack material: Manufacturer, product name & mesh size a. <u>#40 Red Flint</u>
H. Screen joint, top _____ ft. MSL or <u>25</u> ft.	b. Volume added _____ ft ³
I. Well bottom _____ ft. MSL or <u>30</u> ft.	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
J. Filter pack, bottom _____ ft. MSL or <u>31</u> ft.	10. Screen material: <u>PVC</u>
K. Borehole, bottom _____ ft. MSL or <u>31</u> ft.	a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
L. Borehole, diameter <u>8.25</u> in.	b. Manufacturer <u>Johnson</u>
M. O.D. well casing <u>2.40</u> in.	c. Slot size: <u>0.010</u> in.
N. I.D. well casing <u>2.06</u> in.	d. Slotted length: _____ ft.
	11. Backfill material (below filter pack): None <input type="checkbox"/> 14 Other <input checked="" type="checkbox"/>

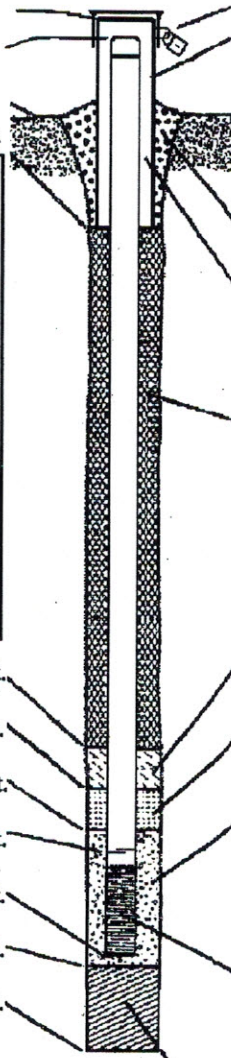
I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Darrin Prentice Firm Geiss Soil + Samples LLC

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Facility/Project Name Tidy Cleaners	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Name MW-10
Facility License, Permit or Monitoring No.	Local Grid Origin (estimated: <input type="checkbox"/>) or Well Location Lat. _____ Long. _____	Wis. Unique Well No. DNR Well ID No.
Facility ID	St. Plane _____ ft. N. _____ ft. E. S/C/N	Date Well Installed 8/26/2019 m m d d y y y y
Type of Well Well Code 11, MW	Section Location of Waste/Source 1/4 of _____ 1/4 of Sec. _____ T. _____ N. R. <input type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm Darrin Prentice Geiss Soil & Samples LLC
Distance from Waste/Source _____ ft. Apply <input type="checkbox"/>	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	

A. Protective pipe, top elevation _____ ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation _____ ft. MSL	2. Protective cover pipe: a. Inside diameter: _____ in.
C. Land surface elevation _____ ft. MSL	b. Length: _____ ft.
D. Surface seal, bottom _____ ft. MSL or _____ ft.	c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3. Surface seal: Bentonite <input checked="" type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Other <input type="checkbox"/>
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight... Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight... Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite... Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft ³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input checked="" type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
17. Source of water (attach analysis, if required): _____	7. Fine sand material: Manufacturer, product name & mesh size a. #20 Red Flint
E. Bentonite seal, top _____ ft. MSL or 15 ft.	b. Volume added _____ ft ³
F. Fine sand, top _____ ft. MSL or 25 ft.	8. Filter pack material: Manufacturer, product name & mesh size a. #40 Red Flint
G. Filter pack, top _____ ft. MSL or 3 ft.	b. Volume added _____ ft ³
H. Screen joint, top _____ ft. MSL or 4 ft.	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
I. Well bottom _____ ft. MSL or 14 ft.	10. Screen material: PVC
J. Filter pack, bottom _____ ft. MSL or 15 ft.	a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
K. Borehole, bottom _____ ft. MSL or 15 ft.	b. Manufacturer Johnson
L. Borehole, diameter 8.25 in.	c. Slot size: 0.010 in.
M. O.D. well casing 2.40 in.	d. Slotted length: _____ ft.
N. I.D. well casing 2.06 in.	11. Backfill material (below filter pack): None <input type="checkbox"/> 14 Other <input checked="" type="checkbox"/>



I hereby certify that the information on this form is true and correct to the best of my knowledge.
Signature **Darrin Prentice** Firm **Geiss Soil & Samples LLC**

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Facility/Project Name <u>Tidy Cleaners</u>		Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.		Well Name MW-11	
Facility License, Permit or Monitoring No.		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/>		Wis. Unique Well No. / DNR Well ID No.	
Facility ID		Lat. _____ Long. _____		Date Well Installed <u>04/26/2019</u> m m d d y y y y	
Type of Well Well Code <u>LL, MW</u>		St. Plane _____ ft. N. _____ ft. E. S/C/N		Well Installed By: Name (first, last) and Firm <u>Darrin Prentice</u> <u>Geiss Soil & Samples LLC</u>	
Distance from Waste/Source _____ ft.		Section Location of Waste/Source 1/4 of _____ 1/4 of Sec. _____ T. _____ N. R. <input type="checkbox"/> E <input type="checkbox"/> W			
Enf. Stds. Apply <input type="checkbox"/>		Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known		Gov. Lot Number _____	

- A. Protective pipe, top elevation ----- ft. MSL
- B. Well casing, top elevation ----- ft. MSL
- C. Land surface elevation ----- ft. MSL
- D. Surface seal, bottom ----- ft. MSL or 0 ft.

12. USCS classification of soil near screen:
 GP GM GC GW SW SP
 SM SC ML MH CL CH
 Bedrock

13. Sieve analysis performed? Yes No

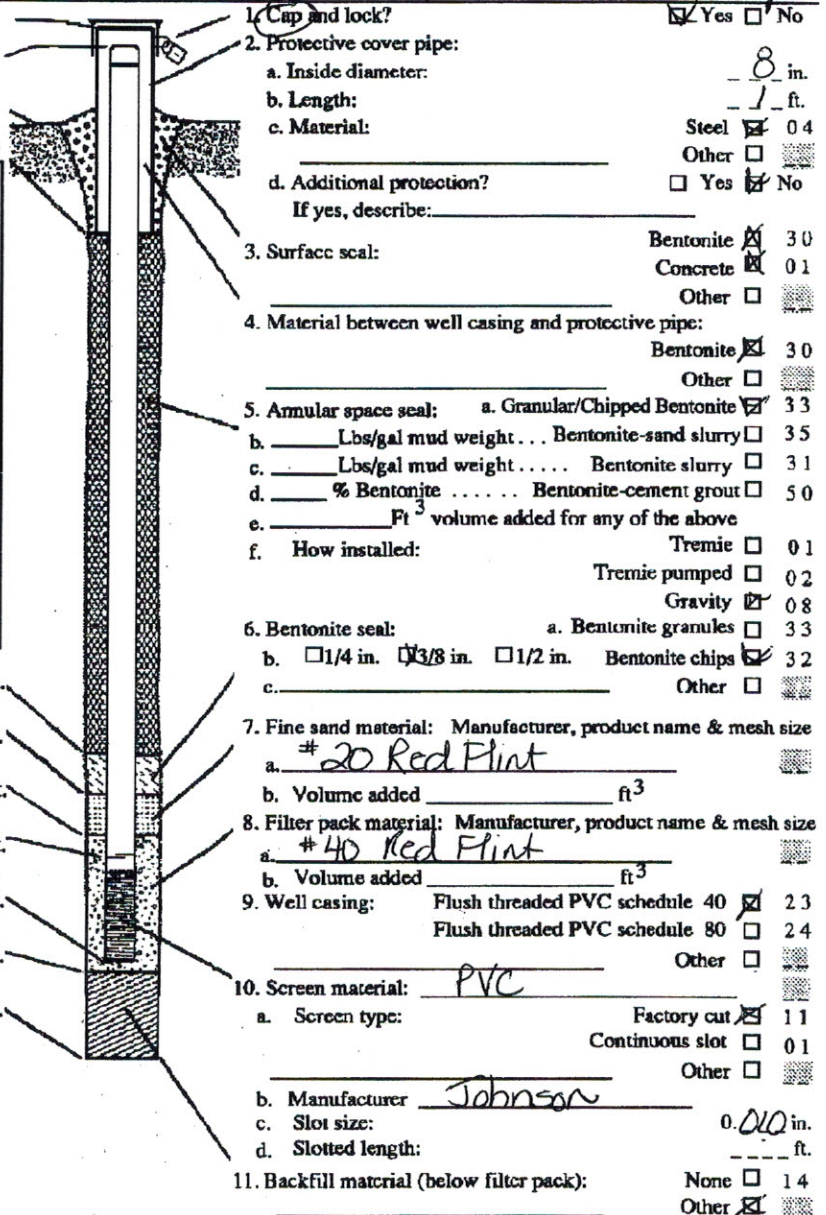
14. Drilling method used: Rotary 50
 Hollow Stem Auger 41
 Other

15. Drilling fluid used: Water 02 Air 01
 Drilling Mud 03 None 99

16. Drilling additives used? Yes No

Describe _____

17. Source of water (attach analysis, if required):



- E. Bentonite seal, top ----- ft. MSL or 0.5 ft.
- F. Fine sand, top ----- ft. MSL or 2.5 ft.
- G. Filter pack, top ----- ft. MSL or 3 ft.
- H. Screen joint, top ----- ft. MSL or 4 ft.
- I. Well bottom ----- ft. MSL or 14 ft.
- J. Filter pack, bottom ----- ft. MSL or 15 ft.
- K. Borehole, bottom ----- ft. MSL or 15 ft.
- L. Borehole, diameter 8.25 in.
- M. O.D. well casing 2.40 in.
- N. I.D. well casing 2.06 in.

- 1. Cap and lock? Yes No
- 2. Protective cover pipe:
 - a. Inside diameter: 8 in.
 - b. Length: 1 ft.
 - c. Material: Steel 04
Other
 - d. Additional protection? Yes No
If yes, describe: _____
- 3. Surface seal:
 - Bentonite 30
 - Concrete 01
 - Other
- 4. Material between well casing and protective pipe:
 - Bentonite 30
 - Other
- 5. Annular space seal:
 - a. Granular/Chipped Bentonite 33
 - b. _____ Lbs/gal mud weight... Bentonite-sand slurry 35
 - c. _____ Lbs/gal mud weight... Bentonite slurry 31
 - d. _____ % Bentonite... Bentonite-cement grout 50
 - e. _____ Ft³ volume added for any of the above
 - f. How installed: Tremie 01
Tremie pumped 02
Gravity 08
- 6. Bentonite seal:
 - a. Bentonite granules 33
 - b. 1/4 in. 3/8 in. 1/2 in. Bentonite chips 32
 - c. _____ Other
- 7. Fine sand material: Manufacturer, product name & mesh size
 a. #20 Red Flint
- b. Volume added _____ ft³
- 8. Filter pack material: Manufacturer, product name & mesh size
 a. #40 Red Flint
- b. Volume added _____ ft³
- 9. Well casing:
 - Flush threaded PVC schedule 40 23
 - Flush threaded PVC schedule 80 24
 - Other
- 10. Screen material: PVC
 - a. Screen type:
 - Factory cut 11
 - Continuous slot 01
 - Other
 - b. Manufacturer Johnson
 - c. Slot size: 0.010 in.
 - d. Slotted length: _____ ft.
- 11. Backfill material (below filter pack):
 - None 14
 - Other

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Darrin Prentice Firm Geiss Soil & Samples LLC

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Facility/Project Name <u>Tidy Cleaners</u>	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. <input type="checkbox"/> S. <input type="checkbox"/> W.	Well Name <u>B-13</u>
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ " or St. Plane _____ ft. N, _____ ft. E. S/C/N	Wis. Unique Well No. <u>DNR Well ID No.</u>
Facility ID	Section Location of Waste/Source 1/4 of _____ 1/4 of Sec. _____ T. _____ N, R. _____ <input type="checkbox"/> E <input type="checkbox"/> W	Date Well Installed <u>04/26/2019</u> m m d d y y v v y
Type of Well Well Code _____ / _____	Location of Well Relative to Waste/Source <input type="checkbox"/> u <input type="checkbox"/> s <input type="checkbox"/> d <input type="checkbox"/> n <input type="checkbox"/> Not Known	Well Installed By: Name (first, last) and Firm <u>Darrin Prentice</u> <u>Geiss Soil+Samples LLC</u>
Distance from Waste/Source _____ ft.	Gov. Lot Number _____	

A. Protective pipe, top elevation _____ ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation _____ ft. MSL	2. Protective cover pipe: a. Inside diameter: <u>4</u> in. b. Length: <u>1</u> ft. c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
C. Land surface elevation _____ ft. MSL	d. Additional protection? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: _____
D. Surface seal, bottom _____ ft. MSL or <u>0</u> ft.	3. Surface seal: Bentonite <input checked="" type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input checked="" type="checkbox"/> Bedrock <input type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Other <input type="checkbox"/>
13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft ³ volume added for any of the above
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input type="checkbox"/> 41 Other <input type="checkbox"/>	f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input checked="" type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
Describe _____	8. Filter pack material: Manufacturer, product name & mesh size a. <u>#40 Red Flint</u> b. Volume added _____ ft ³
17. Source of water (attach analysis, if required): _____	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
E. Bentonite seal, top _____ ft. MSL or <u>0.5</u> ft.	10. Screen material: <u>PVC</u> a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
F. Fine sand, top _____ ft. MSL or _____ ft.	b. Manufacturer <u>Johnson</u> c. Slot size: <u>0.010</u> in. d. Slotted length: <u>10</u> ft.
G. Filter pack, top _____ ft. MSL or <u>1</u> ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>
H. Screen joint, top _____ ft. MSL or <u>2</u> ft.	
I. Well bottom _____ ft. MSL or <u>12</u> ft.	
J. Filter pack, bottom _____ ft. MSL or <u>14</u> ft.	
K. Borehole, bottom _____ ft. MSL or <u>14</u> ft.	
L. Borehole, diameter <u>2</u> in.	
M. O.D. well casing <u>1.315</u> in.	
N. I.D. well casing <u>1.049</u> in.	

I hereby certify that the information on this form is true and correct to the best of my knowledge.
Signature DMPA Firm Fehr Graham

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name <u>Tidy Cleaners</u>	County Name <u>Brown</u>	Well Name <u>MU-9</u>
Facility License, Permit or Monitoring Number	County Code <u>1</u>	Wis. Unique Well Number _____
		DNR Well ID Number _____

1. Can this well be purged dry? Yes No
2. Well development method
- surged with bailer and bailed 41
 - surged with bailer and pumped 61
 - surged with block and bailed 42
 - surged with block and pumped 62
 - surged with block, bailed and pumped 70
 - compressed air 20
 - bailed only 10
 - pumped only 51
 - pumped slowly 50
 - Other _____
3. Time spent developing well 20 min.
4. Depth of well (from top of well casing) 14.0 ft.
5. Inside diameter of well 2.00 in.
6. Volume of water in filter pack and well casing 91.0 gal.
7. Volume of water removed from well 9.0 gal.
8. Volume of water added (if any) _____ gal.
9. Source of water added _____
10. Analysis performed on water added? Yes No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. <u>4.21</u> ft.	_____ ft.
Date	b. <u>05/02/2019</u> m m d d y y y y	<u>05/02/2019</u> m m d d y y y y
Time	c. <u>8:15</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>8:35</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.
12. Sediment in well bottom	_____ inches	_____ inches
13. Water clarity	Clear <input checked="" type="checkbox"/> 10	Clear <input checked="" type="checkbox"/> 20
	Turbid <input type="checkbox"/> 15	Turbid <input type="checkbox"/> 25
	(Describe) <u>light brown</u>	(Describe) <u>light brown</u>
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l
16. Well developed by: Name (first, last) and Firm		
First Name:	<u>Dillon</u>	Last Name: <u>Plamann</u>
Firm:	<u>Fehr Graham</u>	

17. Additional comments on development:
Bailed dry 4 times

Name and Address of Facility Contact /Owner/Responsible Party

First Name: Jim Last Name: Mohr

Facility/Firm: Tidy Cleaners

Street: 818 S. Broadway

City/State/Zip: Green Bay, WI 54304

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: [Signature]

Print Name: Dillon Plamann

Firm: Fehr Graham

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name <u>Tidy Cleaners</u>	County Name <u>Brown</u>	Well Name <u>0203 MW-10</u>
Facility License, Permit or Monitoring Number	County Code <u>9</u>	Wis. Unique Well Number _____
		DNR Well ID Number _____

1. Can this well be purged dry? Yes No
2. Well development method
- surged with bailer and bailed 41
 - surged with bailer and pumped 61
 - surged with block and bailed 42
 - surged with block and pumped 62
 - surged with block, bailed and pumped 70
 - compressed air 20
 - bailed only 10
 - pumped only 51
 - pumped slowly 50
 - Other _____
3. Time spent developing well 20 min.
4. Depth of well (from top of well casing) 19.1 ft.
5. Inside diameter of well 2.00 in.
6. Volume of water in filter pack and well casing 110.3 gal.
7. Volume of water removed from well 11.5 gal.
8. Volume of water added (if any) _____ gal.
9. Source of water added _____
10. Analysis performed on water added? Yes No
(If yes, attach results)

- | | Before Development | After Development |
|--|---|---|
| 11. Depth to Water (from top of well casing) | a. <u>2.23</u> ft. | <u>Dry</u> ft. |
| Date | b. <u>05/02/2019</u>
m m d d y y y y | <u>05/02/2019</u>
m m d d y y y y |
| Time | c. <u>8:40</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m. | <u>9:00</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m. |
| 12. Sediment in well bottom | _____ inches | _____ inches |
| 13. Water clarity | Clear <input checked="" type="checkbox"/> 10
Turbid <input type="checkbox"/> 15
(Describe) <u>light brown</u> | Clear <input checked="" type="checkbox"/> 20
Turbid <input type="checkbox"/> 25
(Describe) <u>light brown</u> |
- Fill in if drilling fluids were used and well is at solid waste facility:
14. Total suspended solids _____ mg/l _____ mg/l
15. COD _____ mg/l _____ mg/l

16. Well developed by: Name (first, last) and Firm

First Name: Dillon Last Name: Plamann

Firm: Fehr Graham

17. Additional comments on development:
Bailed dry 4 times

Name and Address of Facility Contact /Owner/Responsible Party

First Name: Jim Last Name: Mohr

Facility/Firm: Tidy Cleaners

Street: 818 S. Broadway

City/State/Zip: Green Bay, WI 54304

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: DMJPL

Print Name: Dillon Plamann

Firm: Fehr Graham

NOTE: See instructions for more information including a list of county codes and well type codes.

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name <u>Tidy Cleaners</u>	County Name <u>Brown</u>	Well Name <u>MW-11</u>
Facility License, Permit or Monitoring Number	County Code <u>9</u>	Wis. Unique Well Number _____
		DNR Well ID Number _____

1. Can this well be purged dry? Yes No
2. Well development method
- surged with bailer and bailed 41
 - surged with bailer and pumped 61
 - surged with block and bailed 42
 - surged with block and pumped 62
 - surged with block, bailed and pumped 70
 - compressed air 20
 - bailed only 10
 - pumped only 51
 - pumped slowly 50
 - Other _____
3. Time spent developing well 20 min.
4. Depth of well (from top of well casing) 14.2 ft.
5. Inside diameter of well 2.00 in.
6. Volume of water in filter pack and well casing 80.9 gal.
7. Volume of water removed from well 85 gal.
8. Volume of water added (if any) _____ gal.
9. Source of water added _____
10. Analysis performed on water added? Yes No
(If yes, attach results)

- | | Before Development | After Development |
|--|---|---|
| 11. Depth to Water (from top of well casing) | a. <u>5.50</u> ft. | <u>Dry</u> ft. |
| Date | b. <u>05/02/2019</u>
m m d d y y y y | <u>05/02/2019</u>
m m d d y y y y |
| Time | c. <u>9:05</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m. | <u>9:25</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m. |
| 12. Sediment in well bottom | _____ inches | _____ inches |
| 13. Water clarity | Clear <input checked="" type="checkbox"/> 10
Turbid <input type="checkbox"/> 15
(Describe) <u>light brown</u> | Clear <input checked="" type="checkbox"/> 20
Turbid <input type="checkbox"/> 25
(Describe) <u>light brown</u> |
- Fill in if drilling fluids were used and well is at solid waste facility:
14. Total suspended solids _____ mg/l
15. COD _____ mg/l

16. Well developed by: Name (first, last) and Firm

First Name: Dillon Last Name: Plamann

Firm: Fehr Graham

17. Additional comments on development:
Bailed dry 4 times

Name and Address of Facility Contact /Owner/Responsible Party

First Name: Jim Last Name: Mohr

Facility/Firm: Tidy Cleaners

Street: 818 S. Broadway

City/State/Zip: Green Bay, WI 54304

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: [Signature]

Print Name: Dillon Plamann

Firm: Fehr Graham

NOTE: See instructions for more information including a list of county codes and well type codes.

Route to: Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

Facility/Project Name <u>Tidy Cleaners</u>	County Name <u>Brown</u>	Well Name 8-13 <u>B-13</u>
Facility License, Permit or Monitoring Number	County Code <u>9</u>	Wis. Unique Well Number _____
		DNR Well ID Number _____

1. Can this well be purged dry? Yes No

2. Well development method

- surged with bailer and bailed 41
- surged with bailer and pumped 61
- surged with block and bailed 42
- surged with block and pumped 62
- surged with block, bailed and pumped 70
- compressed air 20
- bailed only 10
- pumped only 51
- pumped slowly 50
- Other _____

3. Time spent developing well 15 min.

4. Depth of well (from top of well casing) 12.8 ft.

5. Inside diameter of well 1.00 in.

6. Volume of water in filter pack and well casing 6.5 gal.

7. Volume of water removed from well 3.0 gal.

8. Volume of water added (if any) _____ gal.

9. Source of water added _____

10. Analysis performed on water added? Yes No
(If yes, attach results)

17. Additional comments on development:

Bailed dry 4 times

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. <u>8.45</u> ft.	<u>Dry</u> ft.
Date	b. <u>05/02/2019</u> m m d d y y y y	<u>05/02/2019</u> m m d d y y y y
Time	c. <u>9:30</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>9:45</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.

12. Sediment in well bottom _____ inches

13. Water clarity
Clear 10 Clear 20
Turbid 15 Turbid 25
(Describe) (Describe)

Brown light brown
medium turbidity

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids _____ mg/l

15. COD _____ mg/l

16. Well developed by: Name (first, last) and Firm

First Name: Dillon Last Name: Plamann
Firm: Fehr Graham

Name and Address of Facility Contact/Owner/Responsible Party

First Name: Jim Last Name: Mohr

Facility/Firm: Tidy Cleaners

Street: 818 S. Broadway

City/State/Zip: Green Bay, WI 54304

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: Dillon

Print Name: Dillon Plamann

Firm: Fehr Graham

Route To: Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

Facility/Project Name Tidy Cleaners		License/Permit/Monitoring Number 14-1144		Boring Number MW-9	
Boring Drilled By: Name of crew chief (first, last) and Firm Darrin Prentice Geiss Soil and Samples		Date Drilling Started 4/26/2019		Date Drilling Completed 4/26/2019	
Drilling Method hollow stem auger		WT Unique Well No. MW-9		DNR Well ID No.	
Common Well Name MW-9		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
Borehole Diameter 8.3 inches		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/>		Local Grid Location	
State Plane N, E S/C/N		Lat _____"		<input type="checkbox"/> N <input type="checkbox"/> E	
NW 1/4 of SW 1/4 of Section 36, T 24 N, R 20		Long _____"		<input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID 405009220		County Brown		County Code 5	
		Civil Town/City/ or Village Green Bay			

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1 CS	48 30		1	0.0-0.75' TOPSOIL, sandy silt, dark brown, cohesive, low plasticity, soft, moist, grass roots (ML,FILL)	ML			0.0							
			2	0.75-9.5' CLAY, red-brown, cohesive, high plasticity, stiff, wet at 4' (CH,NATIVE)	CH			0.0							
2 CS	48 48		3					0.0							
			4					0.0						Sampled from 3-4'	
3 CS	48 48		5					0.0							
			6					0.0							
4 CS	24 24		7					0.0							
			8					0.0							
			9					0.0							
			10	9.5-10.5' SANDY CLAY, red-brown, cohesive, low plasticity, medium grained sand, soft, wet (CL,NATIVE)	CL			0.0							
			11	10.5-14.0' CLAY, red-brown, cohesive, high plasticity, stiff, wet (CH,NATIVE)	CH			0.0							
			12					0.0							Sampled from 11-12'
			13					0.0							
			14	End of boring at 14'. Installed 2-inch well MW-9 to 14' with 10' screen.											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm Fehr Graham	Tel: Fax:
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Route To: Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

Facility/Project Name Tidy Cleaners		License/Permit/Monitoring Number 14-1144		Boring Number MW-10	
Boring Drilled By: Name of crew chief (first, last) and Firm Darrin Prentice Geiss Soil and Samples		Date Drilling Started 4/26/2019		Date Drilling Completed 4/26/2019	
Drilling Method hollow stem auger		WT Unique Well No.		DNR Well ID No.	
Common Well Name MW-10		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
Borehole Diameter 8.3 inches		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/>		Local Grid Location	
State Plane N, E S/C/N		Lat _____"		<input type="checkbox"/> N <input type="checkbox"/> E	
NW 1/4 of SW 1/4 of Section 36, T 24 N, R 20		Long _____"		<input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID 405009220		County Brown		County Code 5	
		Civil Town/City/ or Village Green Bay			

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1 CS	42 30		1	0.0-0.75' TOPSOIL, sandy silt, dark brown, cohesive, low plasticity, soft, moist, grass roots (ML,FILL)	ML			0.0						
			2	0.75-9.5' CLAY, red-brown, cohesive, high plasticity, stiff, wet at 4' (CH,NATIVE)	CH			0.0					Sampled from 3-4'	
2 CS	48 48		3					0.0						
			4					0.0						
3 CS	48 48		5					0.0						
			6					0.0						
4 CS	24 24		7					0.0						
			8					0.0						
			9					0.0						
			10	9.5-10.5' SANDY CLAY, red-brown, cohesive, low plasticity, medium grained sand, soft, wet (CL,NATIVE)	CL			0.0						
			11	10.5-14.0' CLAY, red-brown, cohesive, high plasticity, trace gravel, stiff, wet (CH,NATIVE)	CH			0.0					Sampled from 11-12'	
			12					0.0						
			13					0.0						
			14	End of boring at 14'. Installed 2-inch well MW-10 to 14' with 10' screen.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm Fehr Graham	Tel: Fax:
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Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Tidy Cleaners		License/Permit/Monitoring Number 14-1144		Boring Number MW-11	
Boring Drilled By: Name of crew chief (first, last) and Firm Darrin Prentice Geiss Soil and Samples		Date Drilling Started 4/26/2019		Date Drilling Completed 4/26/2019	
Drilling Method hollow stem auger		WT Unique Well No.		DNR Well ID No.	
Common Well Name MW-11		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
Borehole Diameter 8.3 inches		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/>		Local Grid Location	
State Plane N, E S/C/N		Lat _____"		<input type="checkbox"/> N <input type="checkbox"/> E	
NW 1/4 of SW 1/4 of Section 36, T 24 N, R 20		Long _____"		Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID 405009220		County Brown		County Code 5	
Civil Town/City/ or Village Green Bay					

Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
			1 2 3 4 5 6 7 8 9 10 11 12 13 14	0.0-14.0' Blind drilled. See boring log for PZ-12 for information.			▼							
				End of boring at 14'. Installed 2-inch well MW-11 to 14' with 10' screen.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm Fehr Graham	Tel: Fax:
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Route To: Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

Facility/Project Name Tidy Cleaners		License/Permit/Monitoring Number 14-1144		Boring Number PZ-12	
Boring Drilled By: Name of crew chief (first, last) and Firm Darrin Prentice Geiss Soil and Samples		Date Drilling Started 4/26/2019		Date Drilling Completed 4/26/2019	
Drilling Method hollow stem auger		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
WI Unique Well No.	DNR Well ID No.	Common Well Name PZ-12		Borehole Diameter 8.3 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/>		State Plane N, E S/C/N		Local Grid Location	
NW 1/4 of SW 1/4 of Section 36, T 24 N, R 20		Lat _____"		<input type="checkbox"/> N <input type="checkbox"/> E	
		Long _____"		<input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID 405009220	County Brown	County Code 5	Civil Town/City/ or Village Green Bay		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
1 CS	48 24		0	0.0-0.5' CONCRETE												
			1	0.5-2.0' SANDY SILT, dark brown, cohesive, low plasticity, medium grained sand, moist (ML, FILL)	ML			0.0								
			2													
			3	2.0-20.0' CLAY, red-brown, cohesive, high plasticity, stiff, massive, trace gravel, wet at 4' (CH, NATIVE)	CH			0.0								
			4													
2 CS	48 48		5													
			6													
			7					0.0								
			8					0.0								
3 CS	48 48		9					0.0								
			10					0.0								
			11					0.0								
			12					0.0								
4 CS	24 24		13					0.0								
			14					0.0								
			15					0.0								

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm Fehr Graham	Tel: Fax:
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This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Route To: Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

Facility/Project Name Tidy Cleaners		License/Permit/Monitoring Number 14-1144		Boring Number B-13	
Boring Drilled By: Name of crew chief (first, last) and Firm Darrin Prentice Geiss Soil and Samples		Date Drilling Started 4/26/2019		Date Drilling Completed 4/26/2019	
Drilling Method Direct Push		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
WT Unique Well No.		DNR Well ID No.		Common Well Name B-13	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/>		State Plane N, E S/C/N		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NW 1/4 of SW 1/4 of Section 36, T 24 N, R 20		Lat _____"		Long _____"	
Facility ID 405009220		County Brown		County Code 5	
		Civil Town/City/ or Village Green Bay			

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					ROD/ Comments	
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	CS	36 30		0-1	0.0-0.5' CONCRETE											
				1-2	0.5-2.0' SAND, brown, medium grained sand, poorly graded, loose, moist (SP,FILL)	SP			0.0							
				2-3	2.0-3.0' SANDY CLAY, red-brown, cohesive, low plasticity, medium grained sand, soft, moist (CL,FILL)	CL			0.0							
2	CS	48 48		3-4	3.0-12.0' CLAY, red-brown, cohesive, high plasticity, stiff, massive, trace gravel, wet at 4' (CH,NATIVE)	CH			0.0							Sampled from 3-4'
3	CS	48 48		4-8					0.0							
4	CS	24 24		8-12					0.0							Sampled from 11-12'
				12	End of boring at 12'. Installed 1-inch well B-13 to 12' with 10' screen.				0.0							

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *DGAPL* Firm **Fehr Graham** Tel: _____ Fax: _____