

## Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

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FID#267007180

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

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

### Notification of Property Owners and Occupants:

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

### Site Information

Site Name	DNR ID # (BRRRTS #)		
Ol'Tyme Dry Cleaners	02-67-576350		
Address	City	State	ZIP Code
910 S. Main Street	West Bend	WI	53095

### Responsible Party

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

Property Owner

Lois and Robert Seidensticker

Address	City	State	ZIP Code
1005 Shadowood Circle Unit 1	West Bend	WI	53095

Contact Person

Lois and Robert Seidensticker

Person or company that collected samples

Konicek Environmental Consulting, LLC

### Sample Results (Results Attached)

Reason for Sampling:  Routine  Other (define) \_\_\_\_\_

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

Contaminant	In Soil?		In Groundwater?		This sampling event included sampling of a drinking water well. <input type="radio"/> Yes <input checked="" type="radio"/> No
	Yes	No	Yes	No	
Gasoline	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
Diesel or Fuel Oil	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
Solvents	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
Heavy Metals	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
Pesticides	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

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

Yes  No

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



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## Attached are:

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

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

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

## **Contact Information**

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

### **Environmental Consultant**

Company Name Konicek Environmental Consulting, LLC	Contact Person Last Name Konicek	First Name Gregory
Address 1032 S. Spring Street	City Port Washington	State ZIP Code WI 53074
Phone # (inc. area code) (262) 284-2557	Email <a href="mailto:gkonicek@msn.com">gkonicek@msn.com</a>	

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

### **State of Wisconsin Department of Natural Resources**

Contact Person Last Name Feeney	First Name John	Phone # (inc. area code)
Address 1155 Pilgrim Parkway	City Plymouth	State ZIP Code WI 53073
Email <a href="mailto:johnm.feeney@wisconsin.gov">johnm.feeney@wisconsin.gov</a>		

# Konicek Environmental Consulting LLC

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October 26, 2017

John Feeney  
Wisconsin Department of Natural Resources  
1155 Pilgrim Parkway  
Plymouth, WI 53073

Reference: Eastern Adjacent Closed-LUST BRRTS#: 03-67-001575  
O'l Tyme Cleaners 4400-249 Notification  
BRRTS# 02-67-576350  
910 S. Main Street  
West Bend, WI 53095

Dear Mr. Feeney:

In an effort to further delineate Chlorinated Volatile Organic Compounds (CVOCs) groundwater impacts, on July 25, 2017 Konicek Environmental Consulting (KEC) and Giles Engineering Associates (GEA) performed one soil boring on the northern adjacent Dominos 906 S. Main Street property and one soil boring on the eastern Matenaer's Auto Shop 905 S. Main Street property located beyond the Main Street right of way (ROW). After soil sample collection, each boring was converted into a small-diameter pre-packed groundwater monitoring well (GWMW), MW-8 is located on the Dominos property and MW-10 is located on the Matenaer's Auto Shop property. MW-9 was scheduled to be installed on the southern adjacent Maus Jewelers and Hair Salon property and KEC formally requested access, however access was formally denied by the property owner.

In addition, on July 25, 2017 KEC collected soil samples from the 2-4' and 8-9' sample intervals for each monitoring well location (MW-8 and MW-10), the soil samples were submitted to Pace Analytical for laboratory analysis of Volatile Organic Compounds (VOCs). The laboratory analytical results did not identify any analytes above laboratory detection limits for the samples collected, except for Methylene Chloride which was identified in the MW-8 (8-9') soil sample at a concentration exceeding the NR 720 GW Protection RCL. Methylene Chloride is known to be a common laboratory artifact and since no other VOCs were identified in the soil sample, it is the opinion of KEC that Methylene Chloride was likely introduced during laboratory analysis.

On August 1, 2017 KEC collected and submitted groundwater samples from the MW-8 and MW-10 GWMW locations for VOC laboratory analysis. Tetrachloroethylene (PCE) and Trichloroethylene (TCE) analytes were identified at the MW-10 GWMW location (Matenaer's Auto Shop property) at concentrations exceeding the NR 140 Enforcement Standard (ES). Specifically, the concentrations consisted of 51.0 ug/L of PCE and 16.4 ug/L of TCE at the MW-10 location. Laboratory analytical results did not identify PCE or TCE above the laboratory detection limits at the MW-8 location, however Vinyl Chloride was identified at a concentration above the NR 140 ES. Please refer to the attached Sample Results Notification Form 4400-249 for KEC's most recent sampling event.

In addition, KEC reviewed the GIS Registry for the Closed-LUST case file BRRTS#: 03-67-001575 associated with the eastern Matenaer's Auto Shop property. The results of the review are summarized as follows:

- The last sampling event for the Closed-LUST was conducted on April 5, 2005. PCE and TCE maximum concentrations identified during the sampling event consisted of 150 ug/L of PCE and 48 ug/L of TCE. Both concentrations were identified within the former MW-9 GWMW which was formerly located southwest (up-gradient) from the existing MW-10 GWMW location (installed by KEC) and was formerly located along the municipal sidewalk on the eastern side of the S. Main Street ROW.

- On January 27, 2006 the WDNR issued Final Closure Letter for the LUST case file indicating the Closed-LUST case had been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The case was closed and no further investigation, remediation or other action was required at the time.

Based on the groundwater laboratory analytical results and GIS Registry reviewed, it is the opinion of KEC that CVOC concentrations identified in MW-10 on the Matenaer's Auto Shop property are significantly reduced from the concentrations identified at the time of the Closed-LUST investigation (51.0 ug/L vs. 150 ug/L - PCE, and, 16.4 ug/L vs. 48 ug/L - TCE). As such, KEC considers the CVOC impacts on Matenaer's Auto Shop property to have been investigated as part of the Closed-LUST BRRTS#03-67-001575 case, and that no further investigation is warranted related to the Matenaer's Auto Shop property.

Site Investigation Sample Results Notification Form 4400-249 is attached.

Please do not hesitate to call with questions.

Sincerely,

Konicek Environmental Consulting, LLC

Gregory A. Konicek, P.G., CHMM

Attachments: **Table A.1**

**Table A.2**

**Table A.6**

**Figure B.1.b Detailed Site Map**

**Figure B.3.c Groundwater Flow Direction 4/11/17 + 9/27/17**

**Pace Analytical Reports 40153805 & 40154279**

Table A.1. Groundwater Analytical

Ol' Tyme Cleaners

BRRTS#: 02-67-576350

910 S. Main Street West Bend, WI

	GP-1 8/14/15	GP-2 8/14/15	GP-3 8/14/15	GP-4 8/14/15	TRIP 12/3/14	MW-1 10/16/15	MW-1 1/15/16	MW-1 4/9/16	MW-1 7/29/16	MW-1 3/27/17	MW-2 10/16/15	MW-2 4/9/16	MW-2 7/29/16	MW-2 3/27/17	MW-3 10/16/15	MW-3 1/15/16	MW-3 4/9/16	MW-3 7/29/16	MW-4 3/27/17	MW-4 10/16/15	DUP 10/16/15	MW-4 1/15/16	DUP 1/15/16	MW-4 4/9/16	DUP 4/9/16	MW-4 7/29/16	DUP 7/29/16	MW-5 3/27/17	MW-6 3/27/17	MW-7 3/27/17	MW-8 8/1/17	MW-10 8/1/17	NR 140.10 Table 1	NR 140.10 Table 1_PAL
<b>VOCs (ug/L)</b>																																		
Benzene	<0.50	<0.50	<0.50	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5	0.5			
Bromobenzene	<0.23	<0.23	<0.23	<1.2	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.46	<0.58	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	—	—			
Bromoform	<0.34	<0.34	<0.34	<1.7	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.68	<0.85	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	—	—				
Bromodichloromethane	<0.50	<0.50	<0.50	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.6	0.06				
Bromomethane	<0.50	<0.50	<0.50	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.44	0.44				
Bromomethane	<2.4	<2.4	<2.4	<12.2	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	10	1				
n-Butylbenzene	<0.50	<0.50	<0.50	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	—	—			
sec-Butylbenzene	<2.2	<2.2	<2.2	<10.9	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<4.4	<5.5	<4.4	<4.4	<4.4	<4.4	<43.7	<54.7	<43.7	<2.2	<87.4	<87.4	<87.4	<87.4	<2.2	<2.2	<2.2	<10.9	—	—
tert-Butylbenzene	<0.18	<0.18	<0.18	<0.90	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.45	<0.36	<0.36	<0.36	<0.36	<3.6	<4.5	<3.6	<2.2	<7.2	<7.2	<7.2	<7.2	<0.18	<0.18	<0.18	<0.90	—	—
Carbon tetrachloride	<0.50	<0.50	<0.50	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5	0.5				
Chlorobenzene	<0.50	<0.50	<0.50	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	—	—				
Chloroethane	<0.37	<0.37	<0.37	<1.9	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.75	<0.94	<0.75	<0.75	<0.75	<0.75	<7.5	<9.4	<7.5	<0.37	<15.0	<15.0	<15.0	<15.0	<0.37	<0.37	<0.37	<1.9	400	80
Chloroform	<2.5	<2.5	<2.5	<12.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<6.2	<5.0	<5.0	<5.0	<5.0	<62.5	<100	<62.5	<100	<100	<100	<100	<100	<100	<100	<100	<100	6	0.6
Chloromethane	2.1	4.3	4.8	9.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.2	<1.0	<1.0	<1.0	<1.0	<12.5	<10.0	<12.5	<10.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	30	3
2-Chlorotoluene	<0.50	<0.50	<0.50	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.2	<1.0	<1.0	<1.0	<1.0	<12.5	<10.0	<12.5	<10.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	—	—
4-Chlorotoluene	<0.21	<0.21	<0.21	<1.1	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.43	<0.53	<0.43	<0.43	<0.43	<0.43	<5.3	<4.3	<4.3	<4.3	<8.5	<8.5	<8.5	<8.5	<21.1	<21.1	<21.1	<21.1	—	—
1,2-Dibromo-3-chloropropane	<2.2	<2.2	<2.2	<10.8	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<43.3	<54.1	<43.3	<2.2	<86.6	<86.6	<86.6	<86.6	<2.2	<2.2	<2.2	<10.8	0.2	0.02
Dibromochloromethane	<0.50	<0.50	<0.50	<2.5	<0.50																													

**Table A.2. Soil Analytical Results**  
**OI' Tyme Dry Cleaners**  
**910 S. Main Street West Bend, WI**

Sample ID:	NR 720.10		NR 720.12						GP-1	GP-2	GP-3	GP-4	MW-1	MW-1	MW-2	MW-2	MW-3	MW-3	MW-4	MW-4	MW-5	MW-5	MW-6	MW-6	MW-7	MW-7	MW-8	MW-8	MW-10	MW-10	
Sample Depth (ft BGS)	EPA RSL		EPA RSL						2-4'	2-4'	2-4'	2-4'	2-4'	15'	2-4'	15'	10'	15'	10'	15'	2-4'	6-8'	2-4'	6-8'	2-4'	2-4'	9-10'	2-4'	8-9'	2-4'	8-9'
Sample Date:	RCL		Non-Industrial RCL			Industrial RCLs			8/14/15	8/14/15	8/14/15	8/14/15	10/12/15	10/12/15	10/12/15	10/12/15	10/12/15	10/12/15	10/12/15	3/23/17	3/23/17	3/23/17	3/23/17	3/23/17	3/23/17	7/25/17	7/25/17	7/25/17	7/25/17		
Soil Type																															
Lab Reported Parameters	GW Protection (DF=2)		NC	C	DC	BTV	NC	C	DC																						
VOCs (ug/kg)																															
Benzene	5.1	111000	1490	1490	--	614000	7410	7410	<30.1	<29.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Bromobenzene	--	354000	--	354000	--	2410000	--	679000	<30.1	<29.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
Bromoform	--	232000	--	232000	--	976000	--	976000	<30.1	<29.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
Bromochloromethane	0.3	1560000	390	390	--	20400000	1960	1960	<30.1	<29.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0			
Bromodichloromethane	2.3	1220000	61500	61500	--	20400000	115000	115000	<30.1	<29.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0			
Bromoform	5.1	10300	--	10300	--	46000	--	46000	<84.2	<81.3	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9	<69.9			
2-Butanone (MEK)	1666.1	31800000	--	28400000	--	24800000	--	28400000	--	--	--	--	<107	<107	<107	<107	<107	<107	<107	<107	<107	<107	<107	<107	<107	<107	<107	--	--		
n-Butylbenzene	--	3910000	--	108000	--	5110000	--	108000	<30.1	<29.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0				
sec-Butylbenzene	--	7820000	--	145000	--	10200000	--	145000	<30.1	<29.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0				
tert-Butylbenzene	--	7820000	--	183000	--	10200000	--	183000	<30.1	<29.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0				
Carbon tetrachloride	3.9	137000	854	854	--	815000	4250	4250	<30.1	<29.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0				
Chlorobenzene (monochlorobenzene)	135.8	392000	--	392000	--	1980000	--	761000	<30.1	<29.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0				
Chloroethane	226.6	--	--	--	--	--	--	--	<80.7	<77.9	<67.0	<67.0	<67.0	<67.0	<67.0	<67.0	<67.0	<67.0	<67.0	<67.0	<67.0	<67.0	<67.0	<67.0	<67.0	<67.0	<67.0				
Chloroform	3.3	272000	423	423	--	1490000	2130	2130	<56.0	<54.0	<46.4	<46.4	<46.4	<46.4	<46.4	<46.4	<46.4	<46.4	<46.4	<46.4	<46.4	<46.4	<46.4	<46.4	<46.4	<46.4	<46.4				
Chloromethane	15.5	171000	--	171000	--	720000	--	720000	<30.1	<29.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0				
2-Chlorotoluene	--	1560000	--	907000	--	20400000	--	907000	<30.1	<29.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0				
4-Chlorotoluene	--	1560000	--	253000	--	20400000	--	253000	<30.1	<29.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0				
1,2-Dibromo-3-chloropropane	0.2	6230	8	8	--	35900	99	99	<110	<106	<91.2	<91.2	<91.2	<91.2	<91.2	<91.2	<91.2	<91.2	<91.2	<91.2	<91.2	<91.2	<91.2	<91.2	<91.2	<91.2	<91.2				
Dibromochloromethane	32	1220000	933	933	--	20400000	4820	4820	<30.1	<29.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0				
1,2-Dibromoethane (EDB)	0.0282	107000	47	47	--	501000	230	230	<30.1	<29.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0				
Dibromomethane	--	35000	--	35000	--	151000	--	151000	<30.1	<29.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0				
1,2-Dichlorobenzene	1168	2460000	--	376000	--	13600000	--	376000	<30.1	<29.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0				
1,3-Dichlorobenzene	1152.8	--	--	297000	--	--	--	297000	<30.1	<29.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0				
1,4-Dichlorobenzene	144	3900000	3480	3480	--	31700000	17500	17500	<30.1	<29.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0				
Dichlorodifluoromethane	3086.3	135000	135000	--	571000	--	571000	<30.1	<29.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0				
1,1-Dichloroethane	482.8	1560000	4720	4720	--	20																									

Notes

ug/kg = micrograms per kilogram

mg/kg = milligrams per kilogram

--- = Not Analyzed OR No Standard Established

J - Estimated concentration above the adjusted meth

**Exceedences:**

**Bold** = exceeds NR 720.10 EPA RSL RCL GW Prote

*Italicized* = exceeds NR 720.12 EPA RSL RCL NC y

Underline = exceeds NB 320.12 BSL SCI C value

Underline = exceeds NR 720.12 RSL SCL C value

\*value\*= exceeds NR 720.12 RSL RCL Not to Exceed D-C value **Exceedences (Industrial)**:

*Italicized* = exceeds NR 720.12 EPA RSL RCL NC value

PAHs - Polyaromatic Hydrocarbons

\*value\*= exceeds NR 720.12 RSL RCL Not to Exceed

VOCs - Volatile Organic Compounds

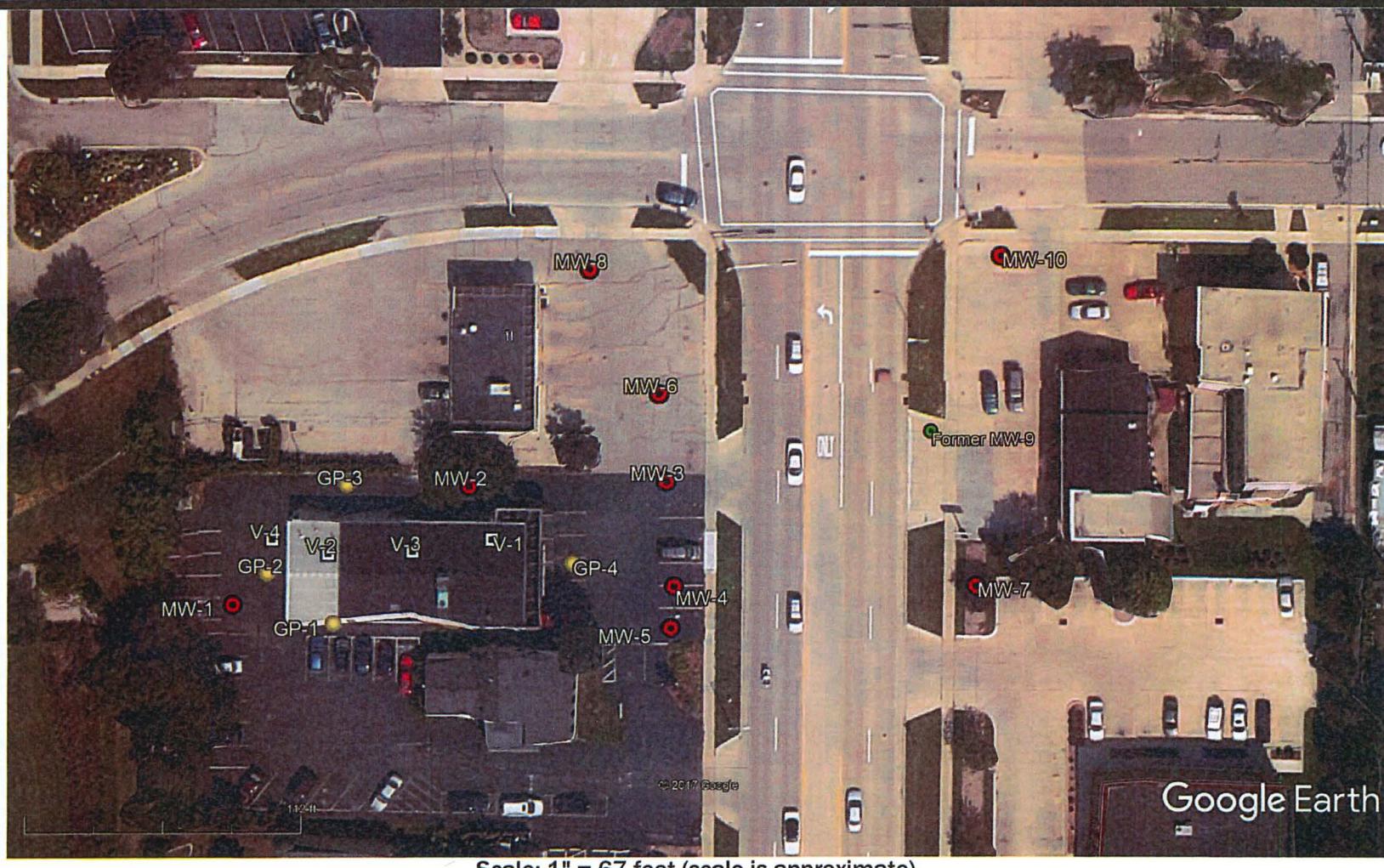
Bordered cells exceed the NR 720

**Table A.6 Water Level Elevations**  
**Ol' Tyme Dry Cleaners**  
**910 S. Main Street West Bend, WI**

Project: Ol' Tyme Dry Cleaners Page: 1 of 1  
 Measurements Taken By: Konicek Environmental Consulting LLC Device: Heron Groundwater Level Meter

Well Number	Date	Depth to Groundwater (feet)	Well Depth (feet)	Water Column Height (feet)	Top PVC Reference Elevation (feet)	Ground Surface Elevation (feet)	Groundwater Elevation (feet)	Comments
MW-1	10/16/15	3.83	12.12	8.29	934.04	934.60	930.21	
MW-2	10/16/15	6.46	14.78	8.32	934.81	935.41	928.35	
MW-3	10/16/15	7.68	14.64	6.96	934.23	934.77	926.55	
MW-4	10/16/15	7.34	14.88	7.54	934.27	934.84	926.93	
MW-1	11/16/15	3.51	12.12	8.61	934.04	934.60	930.53	
MW-2	11/16/15	6.17	14.78	8.61	934.81	935.41	928.64	
MW-3	11/16/15	7.68	14.64	6.96	934.23	934.77	926.55	
MW-4	11/16/15	7.31	14.88	7.57	934.27	934.84	926.96	
MW-1	01/15/16	3.52	12.12	8.60	934.04	934.60	930.52	
MW-2	01/15/16	5.95	14.78	8.83	934.81	935.41	928.86	
MW-3	01/15/16	7.42	14.64	7.22	934.23	934.77	926.81	
MW-4	01/15/16	6.91	14.88	7.97	934.27	934.84	927.36	
MW-1	04/09/16	3.03	12.12	9.09	934.04	934.60	931.01	
MW-2	04/09/16	5.32	14.78	9.46	934.81	935.41	929.49	
MW-3	04/09/16	6.78	14.64	7.86	934.23	934.77	927.45	
MW-4	04/09/16	6.19	14.88	8.69	934.27	934.84	928.08	
MW-1	07/29/16	3.52	12.12	8.60	934.04	934.60	930.52	
MW-2	07/29/16	5.98	14.78	8.80	934.81	935.41	928.83	
MW-3	07/29/16	7.56	14.64	7.08	934.23	934.77	926.67	
MW-4	07/29/16	7.19	14.88	7.69	934.27	934.84	927.08	
MW-1	03/27/17	2.73	12.12	9.39	934.04	934.60	931.31	
MW-2	03/27/17	5.44	14.78	9.34	934.81	935.41	929.37	
MW-3	03/27/17	6.82	14.64	7.82	934.23	934.77	927.41	
MW-4	03/27/17	6.23	14.88	8.65	934.27	934.84	928.04	
MW-5	03/27/17	6.98	14.81	7.83	934.85	935.03	927.87	
MW-6	03/27/17	7.23	14.75	7.52	934.22	934.81	926.99	
MW-7	03/27/17	8.91	12.36	3.45	935.76	935.94	926.85	
MW-1	04/11/17	2.95	12.12	9.17	934.04	934.60	931.09	
MW-2	04/11/17	5.49	14.78	9.29	934.81	935.41	929.32	
MW-3	04/11/17	6.87	14.64	7.77	934.23	934.77	927.36	
MW-4	04/11/17	6.42	14.88	8.46	934.27	934.84	927.85	
MW-5	04/11/17	7.03	14.81	7.78	934.85	935.03	927.82	
MW-6	04/11/17	7.06	14.75	7.69	934.22	934.81	927.16	
MW-7	04/11/17	8.55	12.36	3.81	935.76	935.94	927.21	
MW-8	08/01/17	7.66	14.95	7.29	934.11	934.35	926.45	
MW-10	08/01/17	7.74	14.93	7.19	934.22	934.53	926.48	
MW-1	09/29/17	4.24	12.12	7.88	934.04	934.60	929.80	
MW-2	09/29/17	6.40	14.78	8.38	934.81	935.41	928.41	
MW-3	09/29/17	7.85	14.64	6.79	934.23	934.77	926.38	
MW-4	09/29/17	7.61	14.88	7.27	934.27	934.84	926.66	
MW-5	09/29/17	7.55	14.81	7.26	934.85	935.03	927.30	
MW-6	09/29/17	8.20	14.75	6.55	934.22	934.81	926.02	
MW-7	09/29/17	9.80	12.36	2.56	935.76	935.94	925.96	
MW-8	09/29/17	8.16	14.95	6.79	934.11	934.35	925.95	
MW-10	09/29/17	8.29	14.93	6.64	934.22	934.53	925.93	

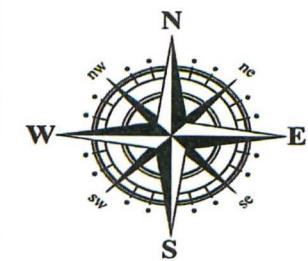
Notes: The depth to groundwater, well depth and water column height are measured in the field from the reference elevation which along with the ground surface elevation are from the actual survey data. The groundwater elevation shown is in reference to the top of the PVC and is calculated from field and survey data. The survey benchmark is the top of the bottom flange of the fire hydrant located near the southeast corner of the subject site property and has a calculated mean sea level (MSL) elevation of 936.53. The elevation was calculated from a municipal sanitary manhole with a known 934.31 MSL elevation. The manhole is located in the S. Main Street right-of-way.

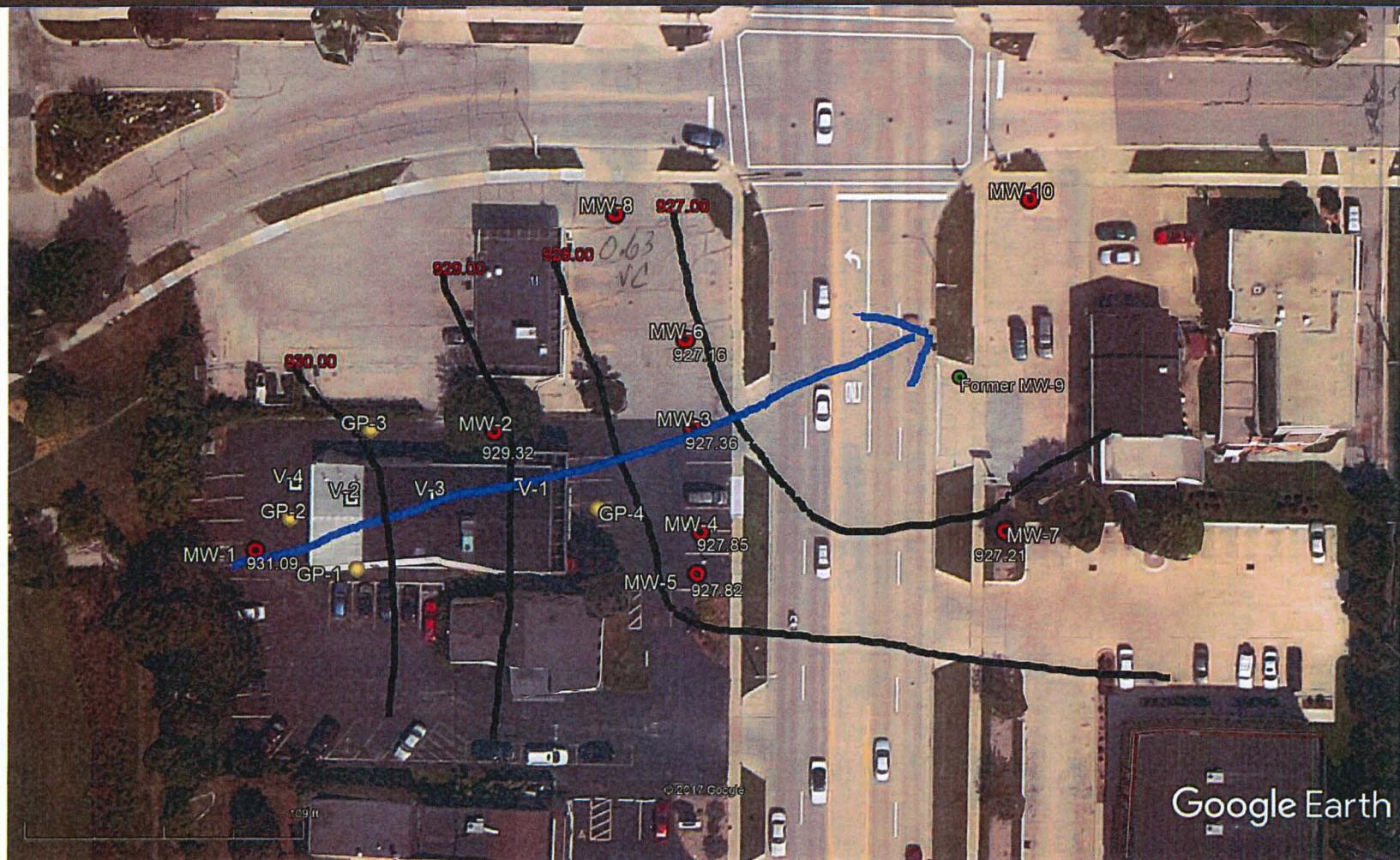


**Konicek Environmental  
Consulting, LLC**

Created by: AL  
Date: 10/26/2017

**Figure B.1.b. Detailed Site Map**  
Ol'Tyme Dry Cleaners  
BRRTS: 02-67-576350  
910 S. Main Street West Bend, WI





Scale: 1" = 65 feet (scale is approximate)

## Legend

- - Groundwater monitoring well location (MW)
- - Former/Abandoned MW-9
- - Soil probe location (GP)
- - Vapor sample location (V)

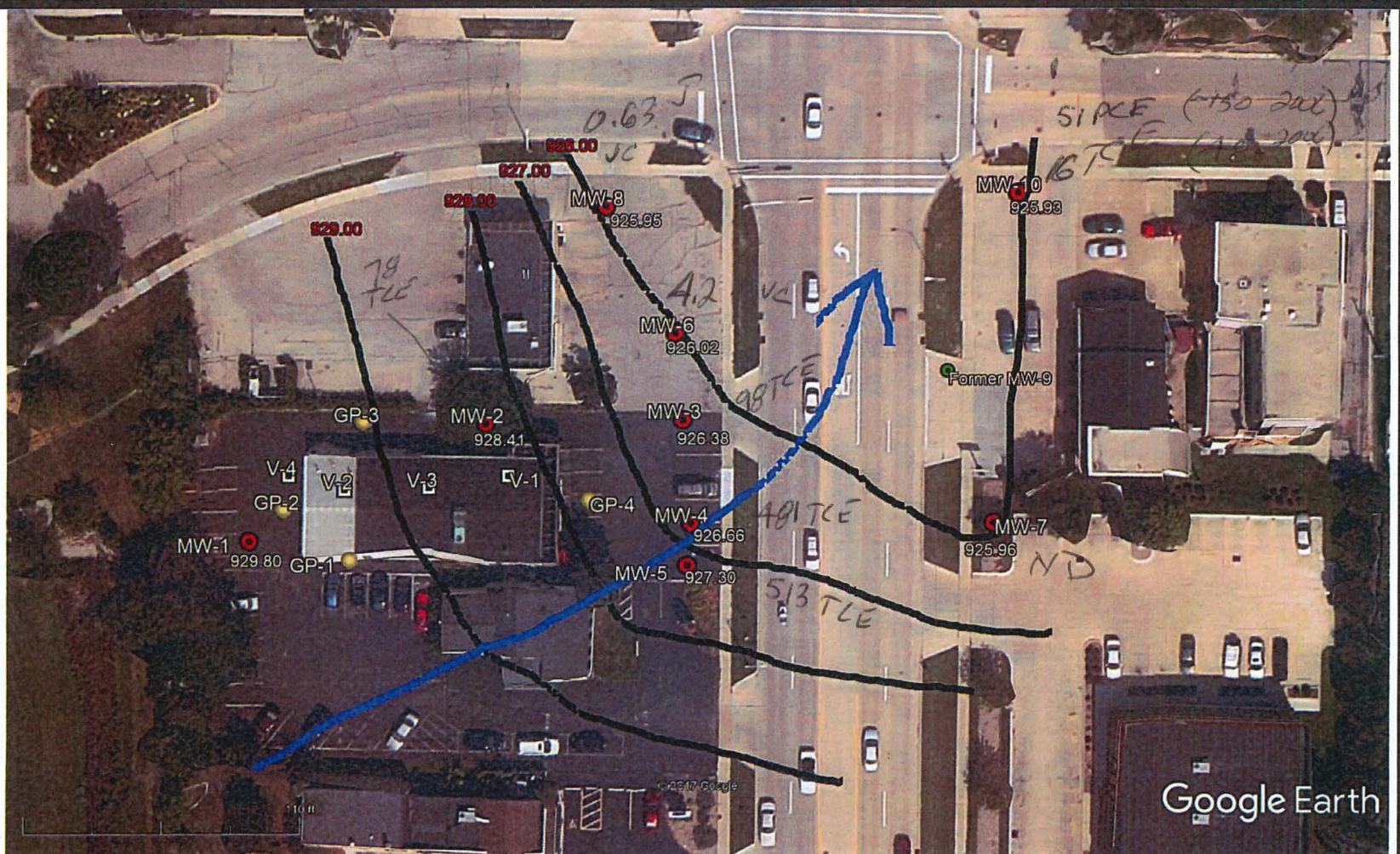
\*Note: V-1 and V-2 are sub-slab sample locations, and V-3 and V-4 are ambient air sample locations



**Konicek Environmental Consulting, LLC**

Created by: AL  
Date: 10/26/2017

**Figure B.3.c Groundwater Flow Direction 4/11/17**  
**OI'Tyme Dry Cleaners**  
**BRRTS: 02-67-576350**  
**910 S. Main Street West Bend, WI**

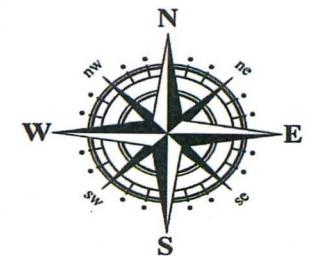


Scale: 1" = 66 feet (scale is approximate)

## Legend

- - Groundwater monitoring well location (MW)
- - Former/Abandoned MW-9
- - Soil probe location (GP)
- - Vapor sample location (V)

\*Note: V-1 and V-2 are sub-slab sample locations, and V-3 and V-4 are ambient air sample locations



**Konicek Environmental Consulting, LLC**

Created by: AL  
Date: 10/26/2017

**Figure B.3.c Groundwater Flow Direction 9/29/17**  
**OITyme Dry Cleaners**  
**BRRTS: 02-67-576350**  
**910 S. Main Street West Bend, WI**

July 29, 2017

Greg Konicek  
KONICEK ENVIRONMENTAL  
1032 S Spring Street  
Port Washington, WI 53074

RE: Project: 1508077 OL'TYME CLEANERS  
Pace Project No.: 40153805

Dear Greg Konicek:

Enclosed are the analytical results for sample(s) received by the laboratory on July 25, 2017. 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,



Steven Mleczko  
steve.mleczko@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Ken Konicek, KONICEK ENVIRONMENTAL



#### REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 1508077 OL'TYME CLEANERS  
Pace Project No.: 40153805

---

### 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: 1508077 OL'TYME CLEANERS  
Pace Project No.: 40153805

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40153805001	MW-8 2-4	Solid	07/25/17 10:10	07/25/17 14:33
40153805002	MW-8 8-9	Solid	07/25/17 10:05	07/25/17 14:33
40153805003	MW-10 2-4	Solid	07/25/17 09:15	07/25/17 14:33
40153805004	MW-10 8-9	Solid	07/25/17 09:30	07/25/17 14:33

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### SAMPLE ANALYTE COUNT

Project: 1508077 OL'TYME CLEANERS  
Pace Project No.: 40153805

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40153805001	MW-8 2-4	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40153805002	MW-8 8-9	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40153805003	MW-10 2-4	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40153805004	MW-10 8-9	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	KTS	1	PASI-G

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1508077 OL'TYME CLEANERS

Pace Project No.: 40153805

Sample: MW-8 2-4 Lab ID: 40153805001 Collected: 07/25/17 10:10 Received: 07/25/17 14:33 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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/27/17 08:00	07/27/17 19:12	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/27/17 08:00	07/27/17 19:12	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/27/17 08:00	07/27/17 19:12	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/27/17 08:00	07/27/17 19:12	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/27/17 08:00	07/27/17 19:12	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	100-42-5	W

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## ANALYTICAL RESULTS

Project: 1508077 OL'TYME CLEANERS

Pace Project No.: 40153805

Sample: MW-8 2-4 Lab ID: 40153805001 Collected: 07/25/17 10:10 Received: 07/25/17 14:33 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
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/27/17 08:00	07/27/17 19:12	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	07/27/17 08:00	07/27/17 19:12	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:12	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	93	%	68-130		1	07/27/17 08:00	07/27/17 19:12	1868-53-7	
Toluene-d8 (S)	96	%	68-149		1	07/27/17 08:00	07/27/17 19:12	2037-26-5	
4-Bromofluorobenzene (S)	82	%	58-141		1	07/27/17 08:00	07/27/17 19:12	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	14.6	%	0.10	0.10	1			07/28/17 14:14	

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## ANALYTICAL RESULTS

Project: 1508077 OL'TYME CLEANERS

Pace Project No.: 40153805

Sample: MW-8 8-9 Lab ID: 40153805002 Collected: 07/25/17 10:05 Received: 07/25/17 14:33 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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	71-43-2	W
Bromobenzene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	108-86-1	W
Bromochloromethane	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	74-97-5	W
Bromodichloromethane	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	75-27-4	W
Bromoform	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	75-25-2	W
Bromomethane	<76.8	ug/kg	275	76.8	1	07/27/17 08:00	07/27/17 19:35	74-83-9	W
n-Butylbenzene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	104-51-8	W
sec-Butylbenzene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	135-98-8	W
tert-Butylbenzene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	98-06-6	W
Carbon tetrachloride	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	56-23-5	W
Chlorobenzene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	108-90-7	W
Chloroethane	<73.6	ug/kg	275	73.6	1	07/27/17 08:00	07/27/17 19:35	75-00-3	W
Chloroform	<51.0	ug/kg	275	51.0	1	07/27/17 08:00	07/27/17 19:35	67-66-3	W
Chloromethane	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	74-87-3	W
2-Chlorotoluene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	95-49-8	W
4-Chlorotoluene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	106-43-4	W
1,2-Dibromo-3-chloropropane	<100	ug/kg	275	100	1	07/27/17 08:00	07/27/17 19:35	96-12-8	W
Dibromochloromethane	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	124-48-1	W
1,2-Dibromoethane (EDB)	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	106-93-4	W
Dibromomethane	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	74-95-3	W
1,2-Dichlorobenzene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	95-50-1	W
1,3-Dichlorobenzene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	541-73-1	W
1,4-Dichlorobenzene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	106-46-7	W
Dichlorodifluoromethane	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	75-71-8	W
1,1-Dichloroethane	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	75-34-3	W
1,2-Dichloroethane	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	107-06-2	W
1,1-Dichloroethene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	75-35-4	W
cis-1,2-Dichloroethene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	156-59-2	W
trans-1,2-Dichloroethene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	156-60-5	W
1,2-Dichloropropane	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	78-87-5	W
1,3-Dichloropropane	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	142-28-9	W
2,2-Dichloropropane	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	594-20-7	W
1,1-Dichloropropene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	563-58-6	W
cis-1,3-Dichloropropene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	10061-01-5	W
trans-1,3-Dichloropropene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	10061-02-6	W
Diisopropyl ether	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	108-20-3	W
Ethylbenzene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	100-41-4	W
Hexachloro-1,3-butadiene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	87-68-3	W
Isopropylbenzene (Cumene)	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	98-82-8	W
p-Isopropyltoluene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	99-87-6	W
Methylene Chloride	34.5J	ug/kg	75.3	31.4	1	07/27/17 08:00	07/27/17 19:35	75-09-2	
Methyl-tert-butyl ether	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	1634-04-4	W
Naphthalene	<44.0	ug/kg	275	44.0	1	07/27/17 08:00	07/27/17 19:35	91-20-3	W
n-Propylbenzene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	103-65-1	W
Styrene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	100-42-5	W

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## ANALYTICAL RESULTS

Project: 1508077 OL'TYME CLEANERS

Pace Project No.: 40153805

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Sample: MW-8 8-9      Lab ID: 40153805002      Collected: 07/25/17 10:05      Received: 07/25/17 14:33      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
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	630-20-6	W
1,1,2,2-Tetrachloroethane	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	79-34-5	W
Tetrachloroethene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	127-18-4	W
Toluene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	108-88-3	W
1,2,3-Trichlorobenzene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	87-61-6	W
1,2,4-Trichlorobenzene	<52.3	ug/kg	275	52.3	1	07/27/17 08:00	07/27/17 19:35	120-82-1	W
1,1,1-Trichloroethane	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	71-55-6	W
1,1,2-Trichloroethane	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	79-00-5	W
Trichloroethene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	79-01-6	W
Trichlorofluoromethane	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	75-69-4	W
1,2,3-Trichloropropane	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	96-18-4	W
1,2,4-Trimethylbenzene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	95-63-6	W
1,3,5-Trimethylbenzene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	108-67-8	W
Vinyl chloride	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	75-01-4	W
m&p-Xylene	<54.9	ug/kg	132	54.9	1	07/27/17 08:00	07/27/17 19:35	179601-23-1	W
o-Xylene	<27.5	ug/kg	65.9	27.5	1	07/27/17 08:00	07/27/17 19:35	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	145	%	68-130		1	07/27/17 08:00	07/27/17 19:35	1868-53-7	S3
Toluene-d8 (S)	143	%	68-149		1	07/27/17 08:00	07/27/17 19:35	2037-26-5	
4-Bromofluorobenzene (S)	126	%	58-141		1	07/27/17 08:00	07/27/17 19:35	460-00-4	
<b>Percent Moisture</b> Analytical Method: ASTM D2974-87									
Percent Moisture	12.4	%	0.10	0.10	1			07/28/17 14:14	

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## ANALYTICAL RESULTS

Project: 1508077 OL'TYME CLEANERS

Pace Project No.: 40153805

Sample: MW-10 2-4 Lab ID: 40153805003 Collected: 07/25/17 09:15 Received: 07/25/17 14:33 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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/27/17 08:00	07/27/17 19:58	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/27/17 08:00	07/27/17 19:58	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/27/17 08:00	07/27/17 19:58	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/27/17 08:00	07/27/17 19:58	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/27/17 08:00	07/27/17 19:58	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	100-42-5	W

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1508077 OL'TYME CLEANERS

Pace Project No.: 40153805

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Sample: MW-10 2-4      Lab ID: 40153805003      Collected: 07/25/17 09:15      Received: 07/25/17 14:33      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
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/27/17 08:00	07/27/17 19:58	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	07/27/17 08:00	07/27/17 19:58	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 19:58	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	113	%	68-130		1	07/27/17 08:00	07/27/17 19:58	1868-53-7	
Toluene-d8 (S)	111	%	68-149		1	07/27/17 08:00	07/27/17 19:58	2037-26-5	
4-Bromofluorobenzene (S)	95	%	58-141		1	07/27/17 08:00	07/27/17 19:58	460-00-4	
<b>Percent Moisture</b> Analytical Method: ASTM D2974-87									
Percent Moisture	14.7	%	0.10	0.10	1			07/28/17 14:14	

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## ANALYTICAL RESULTS

Project: 1508077 OL'TYME CLEANERS

Pace Project No.: 40153805

Sample: MW-10 8-9 Lab ID: 40153805004 Collected: 07/25/17 09:30 Received: 07/25/17 14:33 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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	75-27-4	W
Bromoform	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	75-25-2	W
Bromomethane	<69.9	ug/kg	250	69.9	1	07/27/17 08:00	07/27/17 20:21	74-83-9	W
n-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	108-90-7	W
Chloroethane	<67.0	ug/kg	250	67.0	1	07/27/17 08:00	07/27/17 20:21	75-00-3	W
Chloroform	<46.4	ug/kg	250	46.4	1	07/27/17 08:00	07/27/17 20:21	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	106-43-4	W
1,2-Dibromo-3-chloropropane	<91.2	ug/kg	250	91.2	1	07/27/17 08:00	07/27/17 20:21	96-12-8	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	563-58-6	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	100-41-4	W
Hexachloro-1,3-butadiene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	99-87-6	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	07/27/17 08:00	07/27/17 20:21	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	100-42-5	W

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## ANALYTICAL RESULTS

Project: 1508077 OL'TYME CLEANERS

Pace Project No.: 40153805

Sample: MW-10 8-9      Lab ID: 40153805004      Collected: 07/25/17 09:30      Received: 07/25/17 14:33      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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	630-20-6	W
1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	79-34-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	108-88-3	W
1,2,3-Trichlorobenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	87-61-6	W
1,2,4-Trichlorobenzene	<47.6	ug/kg	250	47.6	1	07/27/17 08:00	07/27/17 20:21	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	79-00-5	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	75-69-4	W
1,2,3-Trichloropropane	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	75-01-4	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	07/27/17 08:00	07/27/17 20:21	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	07/27/17 08:00	07/27/17 20:21	95-47-6	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	101	%	68-130		1	07/27/17 08:00	07/27/17 20:21	1868-53-7	
Toluene-d8 (S)	100	%	68-149		1	07/27/17 08:00	07/27/17 20:21	2037-26-5	
4-Bromofluorobenzene (S)	87	%	58-141		1	07/27/17 08:00	07/27/17 20:21	460-00-4	
<b>Percent Moisture</b>									
Percent Moisture	11.9	%	0.10	0.10	1			07/28/17 14:15	

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## QUALITY CONTROL DATA

Project: 1508077 OL'TYME CLEANERS

Pace Project No.: 40153805

QC Batch:	262790	Analysis Method:	EPA 8260
QC Batch Method:	EPA 5035/5030B	Analysis Description:	8260 MSV Med Level Normal List
Associated Lab Samples:	40153805001, 40153805002, 40153805003, 40153805004		

METHOD BLANK: 1546661 Matrix: Solid

Associated Lab Samples: 40153805001, 40153805002, 40153805003, 40153805004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	07/27/17 08:41	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	07/27/17 08:41	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	07/27/17 08:41	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	07/27/17 08:41	
1,1-Dichloroethane	ug/kg	<17.6	50.0	07/27/17 08:41	
1,1-Dichloroethene	ug/kg	<17.6	50.0	07/27/17 08:41	
1,1-Dichloropropene	ug/kg	<14.0	50.0	07/27/17 08:41	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	07/27/17 08:41	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	07/27/17 08:41	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	07/27/17 08:41	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	07/27/17 08:41	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	07/27/17 08:41	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	07/27/17 08:41	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	07/27/17 08:41	
1,2-Dichloroethane	ug/kg	<15.0	50.0	07/27/17 08:41	
1,2-Dichloropropane	ug/kg	<16.8	50.0	07/27/17 08:41	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	07/27/17 08:41	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	07/27/17 08:41	
1,3-Dichloropropane	ug/kg	<12.0	50.0	07/27/17 08:41	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	07/27/17 08:41	
2,2-Dichloropropane	ug/kg	<12.6	50.0	07/27/17 08:41	
2-Chlorotoluene	ug/kg	<15.8	50.0	07/27/17 08:41	
4-Chlorotoluene	ug/kg	<13.0	50.0	07/27/17 08:41	
Benzene	ug/kg	<9.2	20.0	07/27/17 08:41	
Bromobenzene	ug/kg	<20.6	50.0	07/27/17 08:41	
Bromochloromethane	ug/kg	<21.4	50.0	07/27/17 08:41	
Bromodichloromethane	ug/kg	<9.8	50.0	07/27/17 08:41	
Bromoform	ug/kg	<19.8	50.0	07/27/17 08:41	
Bromomethane	ug/kg	<69.9	250	07/27/17 08:41	
Carbon tetrachloride	ug/kg	<12.1	50.0	07/27/17 08:41	
Chlorobenzene	ug/kg	<14.8	50.0	07/27/17 08:41	
Chloroethane	ug/kg	<67.0	250	07/27/17 08:41	
Chloroform	ug/kg	<46.4	250	07/27/17 08:41	
Chloromethane	ug/kg	<20.4	50.0	07/27/17 08:41	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	07/27/17 08:41	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	07/27/17 08:41	
Dibromochloromethane	ug/kg	<17.9	50.0	07/27/17 08:41	
Dibromomethane	ug/kg	<19.3	50.0	07/27/17 08:41	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	07/27/17 08:41	
Diisopropyl ether	ug/kg	<17.7	50.0	07/27/17 08:41	
Ethylbenzene	ug/kg	<12.4	50.0	07/27/17 08:41	

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: 1508077 OL'TYME CLEANERS

Pace Project No.: 40153805

METHOD BLANK: 1546661

Matrix: Solid

Associated Lab Samples: 40153805001, 40153805002, 40153805003, 40153805004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	07/27/17 08:41	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	07/27/17 08:41	
m&p-Xylene	ug/kg	<34.4	100	07/27/17 08:41	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	07/27/17 08:41	
Methylene Chloride	ug/kg	26.5J	50.0	07/27/17 08:41	
n-Butylbenzene	ug/kg	<10.5	50.0	07/27/17 08:41	
n-Propylbenzene	ug/kg	<11.6	50.0	07/27/17 08:41	
Naphthalene	ug/kg	<40.0	250	07/27/17 08:41	
o-Xylene	ug/kg	<14.0	50.0	07/27/17 08:41	
p-Isopropyltoluene	ug/kg	<12.0	50.0	07/27/17 08:41	
sec-Butylbenzene	ug/kg	<11.9	50.0	07/27/17 08:41	
Styrene	ug/kg	<9.0	50.0	07/27/17 08:41	
tert-Butylbenzene	ug/kg	<9.5	50.0	07/27/17 08:41	
Tetrachloroethene	ug/kg	<12.9	50.0	07/27/17 08:41	
Toluene	ug/kg	<11.2	50.0	07/27/17 08:41	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	07/27/17 08:41	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	07/27/17 08:41	
Trichloroethene	ug/kg	<23.6	50.0	07/27/17 08:41	
Trichlorofluoromethane	ug/kg	<24.7	50.0	07/27/17 08:41	
Vinyl chloride	ug/kg	<21.1	50.0	07/27/17 08:41	
4-Bromofluorobenzene (S)	%	100	58-141	07/27/17 08:41	
Dibromofluoromethane (S)	%	112	68-130	07/27/17 08:41	
Toluene-d8 (S)	%	113	68-149	07/27/17 08:41	

LABORATORY CONTROL SAMPLE: 1546662

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2600	104	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2770	111	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2840	114	70-130	
1,1-Dichloroethane	ug/kg	2500	2780	111	63-124	
1,1-Dichloroethene	ug/kg	2500	2550	102	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	2440	98	78-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2230	89	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2640	106	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2540	101	70-130	
1,2-Dichloroethane	ug/kg	2500	2680	107	56-135	
1,2-Dichloropropane	ug/kg	2500	2890	116	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2560	103	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2680	107	70-130	
Benzene	ug/kg	2500	2820	113	66-130	
Bromodichloromethane	ug/kg	2500	2470	99	62-135	
Bromoform	ug/kg	2500	2580	103	68-130	
Bromomethane	ug/kg	2500	2310	92	29-137	

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: 1508077 OL'TYME CLEANERS  
Pace Project No.: 40153805

LABORATORY CONTROL SAMPLE: 1546662

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/kg	2500	2520	101	57-130	
Chlorobenzene	ug/kg	2500	2760	110	70-130	
Chloroethane	ug/kg	2500	2370	95	36-144	
Chloroform	ug/kg	2500	2680	107	69-115	
Chloromethane	ug/kg	2500	1910	76	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2780	111	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2540	102	70-130	
Dibromochloromethane	ug/kg	2500	2630	105	70-130	
Dichlorodifluoromethane	ug/kg	2500	1080	43	10-99	
Ethylbenzene	ug/kg	2500	2700	108	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2660	107	70-130	
m&p-Xylene	ug/kg	5000	5650	113	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2690	108	63-134	
Methylene Chloride	ug/kg	2500	2660	106	56-123	
o-Xylene	ug/kg	2500	2750	110	70-130	
Styrene	ug/kg	2500	2810	112	70-130	
Tetrachloroethene	ug/kg	2500	2730	109	70-131	
Toluene	ug/kg	2500	2830	113	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2750	110	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2580	103	68-130	
Trichloroethene	ug/kg	2500	2560	102	70-130	
Trichlorofluoromethane	ug/kg	2500	2600	104	37-149	
Vinyl chloride	ug/kg	2500	2320	93	43-128	
4-Bromofluorobenzene (S)	%			102	58-141	
Dibromofluoromethane (S)	%			116	68-130	
Toluene-d8 (S)	%			108	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1546663 1546664

Parameter	Units	40153851003		MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	MSD Result	MSD Result						
1,1,1-Trichloroethane	ug/kg	<0.019 mg/kg	1630	1630	1520	1450	93	89	57-123	5	20		
1,1,2,2-Tetrachloroethane	ug/kg	<0.023 mg/kg	1630	1630	2070	1880	127	115	73-135	10	20		
1,1,2-Trichloroethane	ug/kg	<0.026 mg/kg	1630	1630	1980	1940	121	119	70-130	2	20		
1,1-Dichloroethane	ug/kg	<0.023 mg/kg	1630	1630	1760	1690	108	104	63-124	4	20		
1,1-Dichloroethene	ug/kg	<0.023 mg/kg	1630	1630	1360	1300	83	80	48-117	5	23		
1,2,4-Trichlorobenzene	ug/kg	<0.062 mg/kg	1630	1630	1750	1680	107	103	78-145	4	20		
1,2-Dibromo-3-chloropropane	ug/kg	<0.12 mg/kg	1630	1630	1680	1540	103	95	38-168	9	22		
1,2-Dibromoethane (EDB)	ug/kg	<0.019 mg/kg	1630	1630	1870	1700	115	104	70-130	9	20		

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## REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 1508077 OL'TYME CLEANERS

Pace Project No.: 40153805

Parameter	Units	40153851003		1546663		1546664		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	40153851003	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
1,2-Dichlorobenzene	ug/kg	<0.021 mg/kg		1630	1630	1940	1750	119	108	70-130	10	20	
1,2-Dichloroethane	ug/kg	<0.020 mg/kg		1630	1630	1750	1700	107	104	56-145	3	20	
1,2-Dichloropropane	ug/kg	<0.022 mg/kg		1630	1630	1940	1840	119	113	77-123	5	20	
1,3-Dichlorobenzene	ug/kg	<0.017 mg/kg		1630	1630	1850	1700	113	104	70-130	8	20	
1,4-Dichlorobenzene	ug/kg	<0.021 mg/kg		1630	1630	1940	1820	119	112	70-130	6	20	
Benzene	ug/kg	<0.012 mg/kg		1630	1630	1760	1690	108	103	65-130	4	20	
Bromodichloromethane	ug/kg	<0.013 mg/kg		1630	1630	1640	1580	101	97	59-141	4	20	
Bromoform	ug/kg	<0.026 mg/kg		1630	1630	1760	1650	108	101	59-141	7	20	
Bromomethane	ug/kg	<0.091 mg/kg		1630	1630	1440	1310	88	80	28-139	9	20	
Carbon tetrachloride	ug/kg	<0.016 mg/kg		1630	1630	1470	1300	90	80	50-130	12	20	
Chlorobenzene	ug/kg	<0.019 mg/kg		1630	1630	1910	1760	117	108	70-130	8	20	
Chloroethane	ug/kg	<0.087 mg/kg		1630	1630	1530	1450	94	89	36-144	5	20	
Chloroform	ug/kg	<0.061 mg/kg		1630	1630	1690	1650	102	100	68-122	2	20	
Chloromethane	ug/kg	<0.027 mg/kg		1630	1630	1260	1170	77	72	30-126	7	20	
cis-1,2-Dichloroethene	ug/kg	<0.022 mg/kg		1630	1630	1850	1740	114	106	63-130	6	20	
cis-1,3-Dichloropropene	ug/kg	<0.022 mg/kg		1630	1630	1640	1550	100	95	70-130	6	20	
Dibromochloromethane	ug/kg	<0.023 mg/kg		1630	1630	1740	1660	107	102	66-136	5	20	
Dichlorodifluoromethane	ug/kg	<0.016 mg/kg		1630	1630	791	747	48	46	10-99	6	33	
Ethylbenzene	ug/kg	<0.016 mg/kg		1630	1630	1740	1570	107	96	80-122	10	20	
Isopropylbenzene (Cumene)	ug/kg	<0.016 mg/kg		1630	1630	1730	1530	106	94	70-130	12	20	
m&p-Xylene	ug/kg	<0.045 mg/kg		3260	3260	3770	3390	115	104	70-130	10	20	
Methyl-tert-butyl ether	ug/kg	<0.017 mg/kg		1630	1630	1760	1700	108	104	63-134	4	20	
Methylene Chloride	ug/kg	0.024J mg/kg		1630	1630	1760	1720	106	104	56-127	2	20	
o-Xylene	ug/kg	<0.018 mg/kg		1630	1630	1830	1640	112	101	70-130	11	20	
Styrene	ug/kg	<0.012 mg/kg		1630	1630	1910	1790	117	110	70-130	6	20	
Tetrachloroethene	ug/kg	<0.017 mg/kg		1630	1630	1730	1560	106	96	70-131	10	20	
Toluene	ug/kg	<0.015 mg/kg		1630	1630	1850	1710	113	105	80-120	8	20	

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**REPORT OF LABORATORY ANALYSIS**

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## QUALITY CONTROL DATA

Project: 1508077 OL'TYME CLEANERS

Pace Project No.: 40153805

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			1546663		1546664							
Parameter	Units	40153851003	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Max RPD	Qual
trans-1,2-Dichloroethene	ug/kg	<0.022 mg/kg	1630	1630	1660	1590	102	98	60-130	4	20	
trans-1,3-Dichloropropene	ug/kg	<0.019 mg/kg	1630	1630	1720	1600	105	98	68-130	7	20	
Trichloroethene	ug/kg	<0.031 mg/kg	1630	1630	1650	1550	101	95	70-130	6	20	
Trichlorofluoromethane	ug/kg	<0.032 mg/kg	1630	1630	1490	1290	91	79	37-149	14	24	
Vinyl chloride	ug/kg	<0.028 mg/kg	1630	1630	1320	1220	81	75	39-128	7	20	
4-Bromofluorobenzene (S)	%						106	102	58-141			
Dibromofluoromethane (S)	%						116	113	68-130			
Toluene-d8 (S)	%						112	111	68-149			

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### QUALITY CONTROL DATA

Project: 1508077 OL'TYME CLEANERS

Pace Project No.: 40153805

QC Batch: 262910 Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 40153805001, 40153805002, 40153805003, 40153805004

SAMPLE DUPLICATE: 1547413

Parameter	Units	Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	40153851003 23.4	23.9	2	10	

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## QUALIFIERS

Project: 1508077 OL'TYME CLEANERS

Pace Project No.: 40153805

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

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

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

TNI - The NELAC Institute.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

### ANALYTE QUALIFIERS

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

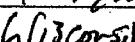
Project: 1508077 OL'TYME CLEANERS  
 Pace Project No.: 40153805

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40153805001	MW-8 2-4	EPA 5035/5030B	262790	EPA 8260	262794
40153805002	MW-8 8-9	EPA 5035/5030B	262790	EPA 8260	262794
40153805003	MW-10 2-4	EPA 5035/5030B	262790	EPA 8260	262794
40153805004	MW-10 8-9	EPA 5035/5030B	262790	EPA 8260	262794
40153805001	MW-8 2-4	ASTM D2974-87	262910		
40153805002	MW-8 8-9	ASTM D2974-87	262910		
40153805003	MW-10 2-4	ASTM D2974-87	262910		
40153805004	MW-10 8-9	ASTM D2974-87	262910		

### REPORT OF LABORATORY ANALYSIS

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**(Please Print Clearly)**

(Please Print Clearly)	
Company Name:	KFC
Branch/Location:	Port Washington, WI
Project Contact:	Craig Konzak
Phone:	262-573-4959
Project Number:	1508077
Project Name:	O/I Town cleaners
Project State:	Wisconsin
Sampled By (Print):	Mike Konzak
Sampled By (Sign):	
PO #:	
	Regulatory Program:



# CHAIN OF CUSTODY

*Preservation Codes						
A=None	B=HCl	C=H <sub>2</sub> SO <sub>4</sub>	D=HNO <sub>3</sub>	E=DI Water	F=Methanol	G=NaOH
H=Sodium Bisulfate Solution	I=Sodium Thiosulfate	J=Other				

① Filled in by Lab from Sample Labels  
→ 1/25/12

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

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

**Email #1:**

**ETHAN W.F.**

Email #2:

**Telephone:**

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

Relinquished By:	Date/Time:	Received By:	Date/Time:	PACE Project No.
<i>Kimberly Kyle Price</i>	7/25/17 14:00	<i>Kimberly Kyle Price</i>	7/25/17 14:00	40153804
Relinquished By:	Date/Time:	Received By:	Date/Time:	Receipt Temp = <i>ROT</i> °C
<i>Kimberly Kyle Price</i>	7/25/17 14:33	<i>Kimberly Kyle Price</i>	7/25/17 14:33	Sample Receipt pH
Relinquished By:	Date/Time:	Received By:	Date/Time:	OK / Adjusted
				Cooler Custody Seal
Relinquished By:	Date/Time:	Received By:	Date/Time:	Present / <i>Not Present</i>
				Intact / Not Intact

# Sample Condition Upon Receipt

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


**Pace Analytical™**
*KEC*

Project #:

**WO# : 40153805**

 Client Name: KEC

 Courier:  FedEx  UPS  Client  Pace Other:

Tracking #:

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

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

 Packing Material:  Bubble Wrap  Bubble Bags  None  Other

 Thermometer Used N/A

 Type of Ice:  Wet  Blue  Dry  None

 Samples on ice, cooling process has begun

 Cooler Temperature Uncorr: ROT Corr:

 Biological Tissue is Frozen:  yes

 Temp Blank Present:  yes  no

 no

Person examining contents:

 Date: 7-25-17  
 Initials: SL

Temp should be above freezing to 6°C.

Biota Samples may be received at ≤ 0°C.

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.			
Chain of Custody Filled Out:	<u>7/25/17</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>No collect time - Lab filled</u>		
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3. <u>✓ from sample label 7/25/17</u>			<u>80</u>
Sampler Name & Signature on COC:	<u>OK</u>	4.			
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	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 <input type="checkbox"/> N/A	6.			
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.			
Sufficient Volume:	<u>1/20L</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8. <u>No MS/mso Volume</u> <u>7-25-17</u>		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	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 <input type="checkbox"/> N/A	10.			
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input 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>ES</u>				
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH +ZnAct			
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≥2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A				
exception: <u>VOA conform, TOC, TOX, TOH, O&amp;G, WIDROW, Phenolics,</u> OTHER: <u>SL</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed	Lab Std #/ID of preservative	Date/Time:	
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.			
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.			
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A				
Pace Trip Blank Lot # (if purchased):					

**Client Notification/ Resolution:**

 If checked, see attached form for additional comments 

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

Project Manager Review: \_\_\_\_\_

 Date: 7/26/17

August 04, 2017

Greg Konicek  
KONICEK ENVIRONMENTAL  
1032 S Spring Street  
Port Washington, WI 53074

RE: Project: OL'TYME CLEANERS  
Pace Project No.: 40154279

Dear Greg Konicek:

Enclosed are the analytical results for sample(s) received by the laboratory on August 02, 2017. 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,



Steven Mleczko  
steve.mleczko@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures

cc: Ken Konicek, KONICEK ENVIRONMENTAL



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: OL'TYME CLEANERS  
Pace Project No.: 40154279

### 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: OL'TYME CLEANERS  
Pace Project No.: 40154279

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40154279001	MW-8	Water	08/01/17 09:30	08/02/17 13:54
40154279002	MW-10	Water	08/01/17 09:45	08/02/17 13:54

## REPORT OF LABORATORY ANALYSIS

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## SAMPLE ANALYTE COUNT

Project: OL'TYME CLEANERS  
Pace Project No.: 40154279

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40154279001	MW-8	EPA 8260	MDS	64	PASI-G
40154279002	MW-10	EPA 8260	MDS	64	PASI-G

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: OL'TYME CLEANERS

Pace Project No.: 40154279

Sample: MW-8 Lab ID: 40154279001 Collected: 08/01/17 09:30 Received: 08/02/17 13:54 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>	Analytical Method: EPA 8260								
Benzene	<0.50	ug/L	1.0	0.50	1		08/03/17 15:45	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		08/03/17 15:45	108-86-1	
Bromoform	<0.34	ug/L	1.0	0.34	1		08/03/17 15:45	74-97-5	
Bromochloromethane	<0.50	ug/L	1.0	0.50	1		08/03/17 15:45	75-27-4	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		08/03/17 15:45	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		08/03/17 15:45	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		08/03/17 15:45	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		08/03/17 15:45	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		08/03/17 15:45	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		08/03/17 15:45	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		08/03/17 15:45	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		08/03/17 15:45	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		08/03/17 15:45	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		08/03/17 15:45	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		08/03/17 15:45	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		08/03/17 15:45	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		08/03/17 15:45	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		08/03/17 15:45	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		08/03/17 15:45	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		08/03/17 15:45	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		08/03/17 15:45	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		08/03/17 15:45	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		08/03/17 15:45	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		08/03/17 15:45	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		08/03/17 15:45	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		08/03/17 15:45	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		08/03/17 15:45	75-35-4	
cis-1,2-Dichloroethene	0.43J	ug/L	1.0	0.26	1		08/03/17 15:45	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		08/03/17 15:45	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		08/03/17 15:45	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		08/03/17 15:45	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		08/03/17 15:45	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		08/03/17 15:45	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		08/03/17 15:45	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		08/03/17 15:45	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		08/03/17 15:45	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		08/03/17 15:45	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		08/03/17 15:45	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		08/03/17 15:45	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		08/03/17 15:45	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		08/03/17 15:45	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		08/03/17 15:45	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		08/03/17 15:45	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		08/03/17 15:45	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		08/03/17 15:45	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		08/03/17 15:45	630-20-6	

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## ANALYTICAL RESULTS

Project: OL'TYME CLEANERS  
Pace Project No.: 40154279

Sample: MW-8      Lab ID: 40154279001      Collected: 08/01/17 09:30      Received: 08/02/17 13:54      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		08/03/17 15:45	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		08/03/17 15:45	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		08/03/17 15:45	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		08/03/17 15:45	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		08/03/17 15:45	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		08/03/17 15:45	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		08/03/17 15:45	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		08/03/17 15:45	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		08/03/17 15:45	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		08/03/17 15:45	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		08/03/17 15:45	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		08/03/17 15:45	108-67-8	
Vinyl chloride	0.63J	ug/L	1.0	0.18	1		08/03/17 15:45	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		08/03/17 15:45	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		08/03/17 15:45	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	85	%	61-130		1		08/03/17 15:45	460-00-4	
Dibromofluoromethane (S)	104	%	67-130		1		08/03/17 15:45	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		08/03/17 15:45	2037-26-5	

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## ANALYTICAL RESULTS

Project: OL'TYME CLEANERS

Pace Project No.: 40154279

Sample: MW-10 Lab ID: 40154279002 Collected: 08/01/17 09:45 Received: 08/02/17 13:54 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>	Analytical Method: EPA 8260								
Benzene	<2.5	ug/L	5.0	2.5	5		08/03/17 19:26	71-43-2	
Bromobenzene	<1.2	ug/L	5.0	1.2	5		08/03/17 19:26	108-86-1	
Bromoform	<2.5	ug/L	5.0	2.5	5		08/03/17 19:26	75-27-4	
Bromomethane	<12.2	ug/L	25.0	12.2	5		08/03/17 19:26	74-83-9	
n-Butylbenzene	<2.5	ug/L	5.0	2.5	5		08/03/17 19:26	104-51-8	
sec-Butylbenzene	<10.9	ug/L	25.0	10.9	5		08/03/17 19:26	135-98-8	
tert-Butylbenzene	<0.90	ug/L	5.0	0.90	5		08/03/17 19:26	98-06-6	
Carbon tetrachloride	<2.5	ug/L	5.0	2.5	5		08/03/17 19:26	56-23-5	
Chlorobenzene	<2.5	ug/L	5.0	2.5	5		08/03/17 19:26	108-90-7	
Chloroethane	<1.9	ug/L	5.0	1.9	5		08/03/17 19:26	75-00-3	
Chloroform	<12.5	ug/L	25.0	12.5	5		08/03/17 19:26	67-66-3	
Chloromethane	<2.5	ug/L	5.0	2.5	5		08/03/17 19:26	74-87-3	
2-Chlorotoluene	<2.5	ug/L	5.0	2.5	5		08/03/17 19:26	95-49-8	
4-Chlorotoluene	<1.1	ug/L	5.0	1.1	5		08/03/17 19:26	106-43-4	
1,2-Dibromo-3-chloropropane	<10.8	ug/L	25.0	10.8	5		08/03/17 19:26	96-12-8	
Dibromochloromethane	<2.5	ug/L	5.0	2.5	5		08/03/17 19:26	124-48-1	
1,2-Dibromoethane (EDB)	<0.89	ug/L	5.0	0.89	5		08/03/17 19:26	106-93-4	
Dibromomethane	<2.1	ug/L	5.0	2.1	5		08/03/17 19:26	74-95-3	
1,2-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		08/03/17 19:26	95-50-1	
1,3-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		08/03/17 19:26	541-73-1	
1,4-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		08/03/17 19:26	106-46-7	
Dichlorodifluoromethane	<1.1	ug/L	5.0	1.1	5		08/03/17 19:26	75-71-8	
1,1-Dichloroethane	<1.2	ug/L	5.0	1.2	5		08/03/17 19:26	75-34-3	
1,2-Dichloroethane	<0.84	ug/L	5.0	0.84	5		08/03/17 19:26	107-06-2	
1,1-Dichloroethene	<2.1	ug/L	5.0	2.1	5		08/03/17 19:26	75-35-4	
cis-1,2-Dichloroethene	6.9	ug/L	5.0	1.3	5		08/03/17 19:26	156-59-2	
trans-1,2-Dichloroethene	<1.3	ug/L	5.0	1.3	5		08/03/17 19:26	156-60-5	
1,2-Dichloropropane	<1.2	ug/L	5.0	1.2	5		08/03/17 19:26	78-87-5	
1,3-Dichloropropane	<2.5	ug/L	5.0	2.5	5		08/03/17 19:26	142-28-9	
2,2-Dichloropropane	<2.4	ug/L	5.0	2.4	5		08/03/17 19:26	594-20-7	
1,1-Dichloropropene	<2.2	ug/L	5.0	2.2	5		08/03/17 19:26	563-58-6	
cis-1,3-Dichloropropene	<2.5	ug/L	5.0	2.5	5		08/03/17 19:26	10061-01-5	
trans-1,3-Dichloropropene	<1.1	ug/L	5.0	1.1	5		08/03/17 19:26	10061-02-6	
Diisopropyl ether	<2.5	ug/L	5.0	2.5	5		08/03/17 19:26	108-20-3	
Ethylbenzene	475	ug/L	5.0	2.5	5		08/03/17 19:26	100-41-4	
Hexachloro-1,3-butadiene	<10.5	ug/L	25.0	10.5	5		08/03/17 19:26	87-68-3	
Isopropylbenzene (Cumene)	13.2	ug/L	5.0	0.72	5		08/03/17 19:26	98-82-8	
p-Isopropyltoluene	<2.5	ug/L	5.0	2.5	5		08/03/17 19:26	99-87-6	
Methylene Chloride	<1.2	ug/L	5.0	1.2	5		08/03/17 19:26	75-09-2	
Methyl-tert-butyl ether	<0.87	ug/L	5.0	0.87	5		08/03/17 19:26	1634-04-4	
Naphthalene	81.8	ug/L	25.0	12.5	5		08/03/17 19:26	91-20-3	
n-Propylbenzene	41.2	ug/L	5.0	2.5	5		08/03/17 19:26	103-65-1	
Styrene	<2.5	ug/L	5.0	2.5	5		08/03/17 19:26	100-42-5	
1,1,1,2-Tetrachloroethane	<0.90	ug/L	5.0	0.90	5		08/03/17 19:26	630-20-6	

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## ANALYTICAL RESULTS

Project: OL'TYME CLEANERS  
Pace Project No.: 40154279

Sample: MW-10      Lab ID: 40154279002      Collected: 08/01/17 09:45      Received: 08/02/17 13:54      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	<1.2	ug/L	5.0	1.2	5		08/03/17 19:26	79-34-5	
Tetrachloroethene	51.0	ug/L	5.0	2.5	5		08/03/17 19:26	127-18-4	
Toluene	4.4J	ug/L	5.0	2.5	5		08/03/17 19:26	108-88-3	
1,2,3-Trichlorobenzene	<10.7	ug/L	25.0	10.7	5		08/03/17 19:26	87-61-6	
1,2,4-Trichlorobenzene	<11.0	ug/L	25.0	11.0	5		08/03/17 19:26	120-82-1	
1,1,1-Trichloroethane	<2.5	ug/L	5.0	2.5	5		08/03/17 19:26	71-55-6	
1,1,2-Trichloroethane	<0.99	ug/L	5.0	0.99	5		08/03/17 19:26	79-00-5	
Trichloroethene	16.4	ug/L	5.0	1.7	5		08/03/17 19:26	79-01-6	
Trichlorofluoromethane	<0.92	ug/L	5.0	0.92	5		08/03/17 19:26	75-69-4	
1,2,3-Trichloropropane	<2.5	ug/L	5.0	2.5	5		08/03/17 19:26	96-18-4	
1,2,4-Trimethylbenzene	304	ug/L	5.0	2.5	5		08/03/17 19:26	95-63-6	
1,3,5-Trimethylbenzene	45.8	ug/L	5.0	2.5	5		08/03/17 19:26	108-67-8	
Vinyl chloride	<0.88	ug/L	5.0	0.88	5		08/03/17 19:26	75-01-4	
m&p-Xylene	895	ug/L	10.0	5.0	5		08/03/17 19:26	179601-23-1	
o-Xylene	13.4	ug/L	5.0	2.5	5		08/03/17 19:26	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	97	%	61-130		5		08/03/17 19:26	460-00-4	pH
Dibromofluoromethane (S)	109	%	67-130		5		08/03/17 19:26	1868-53-7	
Toluene-d8 (S)	98	%	70-130		5		08/03/17 19:26	2037-26-5	

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## QUALITY CONTROL DATA

Project: OL'TYME CLEANERS

Pace Project No.: 40154279

QC Batch:	263419	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
Associated Lab Samples:	40154279001, 40154279002		

METHOD BLANK: 1550178 Matrix: Water

Associated Lab Samples: 40154279001, 40154279002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	08/03/17 11:19	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	08/03/17 11:19	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	08/03/17 11:19	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	08/03/17 11:19	
1,1-Dichloroethane	ug/L	<0.24	1.0	08/03/17 11:19	
1,1-Dichloroethene	ug/L	<0.41	1.0	08/03/17 11:19	
1,1-Dichloropropene	ug/L	<0.44	1.0	08/03/17 11:19	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	08/03/17 11:19	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	08/03/17 11:19	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	08/03/17 11:19	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	08/03/17 11:19	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	08/03/17 11:19	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	08/03/17 11:19	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	08/03/17 11:19	
1,2-Dichloroethane	ug/L	<0.17	1.0	08/03/17 11:19	
1,2-Dichloropropene	ug/L	<0.23	1.0	08/03/17 11:19	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	08/03/17 11:19	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	08/03/17 11:19	
1,3-Dichloropropane	ug/L	<0.50	1.0	08/03/17 11:19	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	08/03/17 11:19	
2,2-Dichloropropane	ug/L	<0.48	1.0	08/03/17 11:19	
2-Chlorotoluene	ug/L	<0.50	1.0	08/03/17 11:19	
4-Chlorotoluene	ug/L	<0.21	1.0	08/03/17 11:19	
Benzene	ug/L	<0.50	1.0	08/03/17 11:19	
Bromobenzene	ug/L	<0.23	1.0	08/03/17 11:19	
Bromochloromethane	ug/L	<0.34	1.0	08/03/17 11:19	
Bromodichloromethane	ug/L	<0.50	1.0	08/03/17 11:19	
Bromoform	ug/L	<0.50	1.0	08/03/17 11:19	
Bromomethane	ug/L	<2.4	5.0	08/03/17 11:19	
Carbon tetrachloride	ug/L	<0.50	1.0	08/03/17 11:19	
Chlorobenzene	ug/L	<0.50	1.0	08/03/17 11:19	
Chloroethane	ug/L	<0.37	1.0	08/03/17 11:19	
Chloroform	ug/L	<2.5	5.0	08/03/17 11:19	
Chloromethane	ug/L	<0.50	1.0	08/03/17 11:19	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	08/03/17 11:19	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	08/03/17 11:19	
Dibromochloromethane	ug/L	<0.50	1.0	08/03/17 11:19	
Dibromomethane	ug/L	<0.43	1.0	08/03/17 11:19	
Dichlorodifluoromethane	ug/L	<0.22	1.0	08/03/17 11:19	
Diisopropyl ether	ug/L	<0.50	1.0	08/03/17 11:19	
Ethylbenzene	ug/L	<0.50	1.0	08/03/17 11:19	

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: OL'TYME CLEANERS  
Pace Project No.: 40154279

METHOD BLANK: 1550178 Matrix: Water

Associated Lab Samples: 40154279001, 40154279002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	08/03/17 11:19	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	08/03/17 11:19	
m&p-Xylene	ug/L	<1.0	2.0	08/03/17 11:19	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	08/03/17 11:19	
Methylene Chloride	ug/L	<0.23	1.0	08/03/17 11:19	
n-Butylbenzene	ug/L	<0.50	1.0	08/03/17 11:19	
n-Propylbenzene	ug/L	<0.50	1.0	08/03/17 11:19	
Naphthalene	ug/L	<2.5	5.0	08/03/17 11:19	
o-Xylene	ug/L	<0.50	1.0	08/03/17 11:19	
p-Isopropyltoluene	ug/L	<0.50	1.0	08/03/17 11:19	
sec-Butylbenzene	ug/L	<2.2	5.0	08/03/17 11:19	
Styrene	ug/L	<0.50	1.0	08/03/17 11:19	
tert-Butylbenzene	ug/L	<0.18	1.0	08/03/17 11:19	
Tetrachloroethene	ug/L	<0.50	1.0	08/03/17 11:19	
Toluene	ug/L	<0.50	1.0	08/03/17 11:19	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	08/03/17 11:19	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	08/03/17 11:19	
Trichloroethene	ug/L	<0.33	1.0	08/03/17 11:19	
Trichlorofluoromethane	ug/L	<0.18	1.0	08/03/17 11:19	
Vinyl chloride	ug/L	<0.18	1.0	08/03/17 11:19	
4-Bromofluorobenzene (S)	%	91	61-130	08/03/17 11:19	
Dibromofluoromethane (S)	%	105	67-130	08/03/17 11:19	
Toluene-d8 (S)	%	101	70-130	08/03/17 11:19	

LABORATORY CONTROL SAMPLE: 1550179

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	42.8	86	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	48.7	97	70-130	
1,1,2-Trichloroethane	ug/L	50	50.0	100	70-130	
1,1-Dichloroethane	ug/L	50	47.5	95	71-132	
1,1-Dichloroethene	ug/L	50	41.0	82	75-130	
1,2,4-Trichlorobenzene	ug/L	50	42.6	85	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	44.0	88	63-123	
1,2-Dibromoethane (EDB)	ug/L	50	47.1	94	70-130	
1,2-Dichlorobenzene	ug/L	50	46.5	93	70-130	
1,2-Dichloroethane	ug/L	50	43.2	86	70-131	
1,2-Dichloropropane	ug/L	50	50.3	101	80-120	
1,3-Dichlorobenzene	ug/L	50	47.7	95	70-130	
1,4-Dichlorobenzene	ug/L	50	45.9	92	70-130	
Benzene	ug/L	50	44.3	89	73-145	
Bromodichloromethane	ug/L	50	47.4	95	70-130	
Bromoform	ug/L	50	47.0	94	67-130	
Bromomethane	ug/L	50	23.4	47	26-128	

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: OL'TYME CLEANERS

Pace Project No.: 40154279

LABORATORY CONTROL SAMPLE: 1550179

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	47.1	94	70-133	
Chlorobenzene	ug/L	50	48.5	97	70-130	
Chloroethane	ug/L	50	41.5	83	58-120	
Chloroform	ug/L	50	45.3	91	80-121	
Chloromethane	ug/L	50	25.9	52	40-127	
cis-1,2-Dichloroethene	ug/L	50	44.5	89	70-130	
cis-1,3-Dichloropropene	ug/L	50	43.7	87	70-130	
Dibromochloromethane	ug/L	50	45.4	91	70-130	
Dichlorodifluoromethane	ug/L	50	29.5	59	20-135	
Ethylbenzene	ug/L	50	48.1	96	87-129	
Isopropylbenzene (Cumene)	ug/L	50	49.2	98	70-130	
m&p-Xylene	ug/L	100	101	101	70-130	
Methyl-tert-butyl ether	ug/L	50	41.3	83	66-143	
Methylene Chloride	ug/L	50	46.1	92	70-130	
o-Xylene	ug/L	50	49.3	99	70-130	
Styrene	ug/L	50	48.3	97	70-130	
Tetrachloroethene	ug/L	50	43.8	88	70-130	
Toluene	ug/L	50	47.5	95	82-130	
trans-1,2-Dichloroethene	ug/L	50	46.7	93	75-132	
trans-1,3-Dichloropropene	ug/L	50	43.8	88	70-130	
Trichloroethene	ug/L	50	47.1	94	70-130	
Trichlorofluoromethane	ug/L	50	38.6	77	76-133	
Vinyl chloride	ug/L	50	34.7	69	57-136	
4-Bromofluorobenzene (S)	%			105	61-130	
Dibromofluoromethane (S)	%			98	67-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1550180 1550181

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max		
		40154250001 Result	Spike Conc.	Spike Conc.	MS Result				RPD	RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.00050 mg/L	50	50	52.0	49.9	104	100	70-134	4	20
1,1,2,2-Tetrachloroethane	ug/L	<0.00025 mg/L	50	50	57.9	56.3	116	113	70-130	3	20
1,1,2-Trichloroethane	ug/L	<0.00020 mg/L	50	50	58.0	59.0	116	118	70-130	2	20
1,1-Dichloroethane	ug/L	<0.00024 mg/L	50	50	55.6	58.4	111	117	71-133	5	20
1,1-Dichloroethene	ug/L	<0.00041 mg/L	50	50	46.0	46.0	92	92	75-136	0	20
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	53.0	51.8	106	104	70-130	2	20
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	53.3	50.5	107	101	63-123	5	20
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	58.2	57.1	116	114	70-130	2	20
1,2-Dichlorobenzene	ug/L	<0.50	50	50	54.9	53.7	110	107	70-130	2	20

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## QUALITY CONTROL DATA

Project: OL'TYME CLEANERS  
Pace Project No.: 40154279

Parameter	Units	40154250001		MS		MSD		MS		MSD		% Rec		% Rec		Max RPD	RPD	Qual
		Result	Spike Conc.	Spike Conc.	Conc.	Result	Result	% Rec	Result	% Rec	Result	% Rec	102	110	107	107		
1,2-Dichloroethane	ug/L	<0.00017 mg/L		50	50	53.5	51.1		107		102		70-131		5	20		
1,2-Dichloropropane	ug/L	<0.00023 mg/L		50	50	60.8	60.1		122		120		80-120		1	20	M1	
1,3-Dichlorobenzene	ug/L	<0.50		50	50	57.1	54.5		114		109		70-130		5	20		
1,4-Dichlorobenzene	ug/L	<0.50		50	50	55.8	54.9		112		110		70-130		2	20		
Benzene	ug/L	<0.00050 mg/L		50	50	55.0	53.1		110		106		73-145		4	20		
Bromodichloromethane	ug/L	<0.00050 mg/L		50	50	58.5	56.4		117		113		70-130		4	20		
Bromoform	ug/L	<0.00050 mg/L		50	50	57.2	56.8		114		114		67-130		1	20		
Bromomethane	ug/L	<0.0024 mg/L		50	50	37.8	37.5		76		75		26-129		1	20		
Carbon tetrachloride	ug/L	<0.00050 mg/L		50	50	53.8	52.2		108		104		70-134		3	20		
Chlorobenzene	ug/L	<0.00050 mg/L		50	50	58.2	55.9		116		112		70-130		4	20		
Chloroethane	ug/L	<0.00037 mg/L		50	50	47.9	46.8		96		94		58-120		2	20		
Chloroform	ug/L	<0.0025 mg/L		50	50	56.1	53.5		112		107		80-121		5	20		
Chloromethane	ug/L	<0.00050 mg/L		50	50	32.8	32.6		66		65		40-128		0	20		
cis-1,2-Dichloroethylene	ug/L	<0.00026 mg/L		50	50	54.8	51.8		110		104		70-130		6	20		
cis-1,3-Dichloropropene	ug/L	<0.00050 mg/L		50	50	56.8	54.6		114		109		70-130		4	20		
Dibromochloromethane	ug/L	<0.00050 mg/L		50	50	56.4	55.7		113		111		70-130		1	20		
Dichlorodifluoromethane	ug/L	<0.22		50	50	22.4	21.7		45		43		20-146		3	20		
Ethylbenzene	ug/L	0.00054J mg/L		50	50	58.9	57.9		117		115		87-129		2	20		
Isopropylbenzene (Cumene)	ug/L	<0.14		50	50	58.9	57.1		118		114		70-130		3	20		
m&p-Xylene	ug/L	<1.0		100	100	118	118		118		118		70-130		0	20		
Methyl-tert-butyl ether	ug/L	<0.00017 mg/L		50	50	55.1	54.6		110		109		66-143		1	20		
Methylene Chloride	ug/L	<0.00023 mg/L		50	50	55.4	54.4		111		109		70-130		2	20		
o-Xylene	ug/L	<0.50		50	50	60.7	59.4		121		119		70-130		2	20		
Styrene	ug/L	0.0047 mg/L		50	50	67.7	69.8		126		130		70-130		3	20		
Tetrachloroethylene	ug/L	<0.00050 mg/L		50	50	49.8	50.3		100		101		70-130		1	20		
Toluene	ug/L	0.00079J mg/L		50	50	58.9	59.1		116		117		82-131		0	20		
trans-1,2-Dichloroethylene	ug/L	<0.00026 mg/L		50	50	57.8	55.0		116		110		75-135		5	20		
trans-1,3-Dichloropropene	ug/L	<0.00023 mg/L		50	50	55.3	55.2		111		110		70-130		0	20		
Trichloroethylene	ug/L	<0.00033 mg/L		50	50	57.5	55.3		115		111		70-130		4	20		

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: OL'TYME CLEANERS

Pace Project No.: 40154279

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			1550180		1550181							
Parameter	Units	Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Conc.	Spike Conc.	Result						
Trichlorofluoromethane	ug/L	<0.18	50	50	39.5	37.8	79	76	76-150	4	20	
Vinyl chloride	ug/L	<0.00018	50	50	41.6	39.8	83	80	56-143	4	20	
4-Bromofluorobenzene (S)	%						100	105	61-130			HS
Dibromofluoromethane (S)	%						100	99	67-130			
Toluene-d8 (S)	%						99	101	70-130			

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## QUALIFIERS

Project: OL'TYME CLEANERS  
Pace Project No.: 40154279

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

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

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

TNI - The NELAC Institute.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

### ANALYTE QUALIFIERS

HS Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).

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

pH Post-analysis pH measurement indicates insufficient VOA sample preservation.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: OL'TYME CLEANERS

Pace Project No.: 40154279

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40154279001	MW-8	EPA 8260	263419		
40154279002	MW-10	EPA 8260	263419		

### REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name:	KEC
Branch/Location:	Port Washington, WI
Project Contact:	Greg Konick
Phone:	262-573-4959
Project Number:	
Project Name:	O'l Tyre Cleaners
Project State:	Wisconsin
Sampled By (Print):	Greg Konick
Sampled By (Sign):	
PO #:	
Regulatory Program:	

**Data Package Options**

(billable)

- EPA Level III  
 EPA Level IV

**MS/MSD**

- On your sample (billable)  
 NOT needed on your sample

**Matrix Codes**

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

**PACE LAB #**      **CLIENT FIELD ID****COLLECTION****DATE****TIME****MATRIX**

001 MW-8

8/1/17 9:30 am

GW

002 MW-10

↓ 9:45 am

↓

Analyses Requested

**FILTERED?**  
(YES/NO)  
**PRESERVATION (CODE)\***

Y/N

Pick Letter

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# Sample Condition Upon Receipt

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

**Client Name:** VEC

Project #:

**WO# : 40154279**

Courier:  Fed Ex  UPS  Client  Pace Other: \_\_\_\_\_

Tracking #: \_\_\_\_\_

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

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

Packing Material:  Bubble Wrap  Bubble Bags  None  Other

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

Cooler Temperature Uncorr: 40 /Corr: 40

Biological Tissue is Frozen:  yes

no

Temp Blank Present:  yes  no

Person examining contents:

Temp should be above freezing to 6°C.

Date: 8/2/17

Biota Samples may be received at ≤ 0°C.

Initials: RMW

Comments: \_\_\_\_\_

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: - VOA Samples frozen upon receipt	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5. Date/Time: _____
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	8. No ms/msd volume <u>RMW 8/2/17</u>
Correct Containers Used: -Pace Containers Used: -Pace IR Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: <u>W</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12. Heavy sediment in all vials <u>RMW 8/2/17</u>
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO <sub>3</sub> <input type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> ≤2, NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER: <u>OTHER</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Initial when completed      Lab Std #/ID of preservative      Date/Time: _____
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

**Client Notification/ Resolution:**

If checked, see attached form for additional comments

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

Project Manager Review: \_\_\_\_\_

Date: 8/2/17