Konicek Environmental Consulting LLC

May 15, 2018

FID #: 267007180

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

RECEIVED
MAY 21 2018
By Plymouth

Reference: Path to Closure & Sample Notification 4400-249
Ol' Tyme Cleaners
BRRTS# 02-67-576350
910 S. Main Street
West Bend, WI 53095

Dear Mr. Feeney:

Since the last Sample Notification 4400-249 form dated October 26, 2017, the following work was performed in an effort to complete the Site Investigation:

- In November 2017, Konicek Environmental Consulting (KEC) contracted Radon Reduction Specialists (RRS) to install a Radon Sub-slab Vapor Mitigation System within the 910 S. Main Street on-site building. In addition, RRS and KEC performed communication testing to confirm Radon System effectiveness. KEC was advised by RRS that the Water Column (WC) readings obtained depict a highly effective negative pressure below the building slab. The suction pipes are installed within a homogeneous compacted sand soil media, allowing for permeable communication throughout the slab sub-surface.

- On March 8, 2018 KEC performed one sub-slab vapor sample (V-5) within the northern adjacent Dominos Pizza building utilizing a 6-liter summa canister regulated to collect a vapor sample over 30-minutes. The vapor sample concentrations were either identified below laboratory detection limits or below the Vapor Risk Screening Levels (VRSL) of indoor air concentrations from sub-slab vapor.

- On March 28, 2018 KEC and Giles Engineering Associates (Giles) advanced two small-diameter groundwater monitoring wells (MW9 and MW11) on the Lifetime Exhaust property located northeast of the subject site. Soil samples were collected from the well locations and submitted to Pace Analytical for VOC analysis. No VOCs were identified above the laboratory detection limit.

- In addition, on May 8, 2018 KEC sampled all groundwater monitoring wells (MW1 thru MW11) for VOCs. Analytical results from monitoring wells MW1 thru MW8, plus MW10, identified a *stable* or *decreasing* trend in concentration for all CVOCs (parents and daughters) for all the wells noted above. Analytical results from MW9 and MW11 (first sampling) identified a NR 140 PAL exceedance for Naphthalene at MW9 (PVOC concentrations related to the Closed-LUST BRRTS# 03-67-189237). Other PVOC analytes were identified above laboratory detection limits but *below* the NR 140 PAL. No *CVOC analytes* were identified above the laboratory detection limit.

Based on the laboratory analytical results and work performed to date, it is the opinion of KEC that the CVOC plume is naturally attenuating, vapor intrusion risk to site and adjoining properties has been mitigated, and the BRRTS# 02-67-576350 should proceed to case closure.

Site Investigation Sample Results Notification Form 4400-249, Analytical data tables for all media, Detailed Site Map, Vapor System Communication Diagram, Groundwater flow, Groundwater Isoconcentration, Radon Fan Installation Manual, Analytical laboratory reports, Boring logs, and well forms are attached.

1032 S. Spring Street Port Washington, Wisconsin 53074 Tel: 262-284-2557 Fax: 262-284-1728

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.4
Table A.6
Table A.7
Figure B.1.b Detailed Site Map
Figure B.1.b Detailed Site Map (Vapor)
Figure B.3.b Groundwater Isoconcentration 5/1/18
Figure B.3.c Groundwater Flow Direction 5/1/18
Radon Away GP/GPc Series Installation Instruction Manual
Pace Analytical Reports
Boring Logs
Well Construction Forms
Well Development Forms

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

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

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

Notification of Property Owners and Occupants:

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

Site Information

Site Name		DNR ID # (BRRTS #)	
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		**Phone Number (include area code)**	
Lois and Robert Seidensticker		(262) 707-1685	

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? Yes	In Soil? No	In Groundwater? Yes	In Groundwater? No
Gasoline	○	◉	○	◉
Diesel or Fuel Oil	○	◉	○	◉
Solvents	◉	○	◉	○
Heavy Metals	○	◉	○	◉
Pesticides	○	◉	○	◉
Other: _____	○	○	○	○

Contaminants in Vapor	Yes	No
Indoor Air	○	○
Sub-slab	○	○
Exterior Soil Gas	○	○

This sampling event included sampling of a drinking water well.
○ Yes ◉ No

If yes, the sampled drinking water well had detectable contaminants.
○ Yes ○ No

Attached are:

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

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

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

Contact Information

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

Environmental Consultant

Company Name	Contact Person Last Name	First Name
Konicek Environmental Consulting, LLC	Konicek	Gregory

Address	City	State	ZIP Code
1032 S. Spring Street	Port Washington	WI	53074

Phone # (inc. area code)	Email
(262) 284-2557	gkonicek@msn.com

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

State of Wisconsin Department of Natural Resources

Contact Person Last Name	First Name	Phone # (inc. area code)
Feeney	John	

Address	City	State	ZIP Code
1155 Pilgrim Parkway	Plymouth	WI	53073

Email
johnm.feeney@wisconsin.gov

Table A.1. Groundwater Analytical
Ol' Tyme Cleaners
BRRTS#: 02-67-576350
910 S. Main Street West Bend, WI

VOCs (ug/L)	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-1 5/1/18	MW-2 10/16/15	MW-2 1/15/16	MW-2 4/9/16	MW-2 7/29/16	MW-2 3/27/17	MW-2 5/1/18
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
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	<0.23	<0.23	<0.23
Bromochloromethane	<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	<0.34	<0.34	<0.34
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	<0.50	<0.50	<0.50
Bromoform	<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
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	<2.4	<2.4	<2.4
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	<0.50	<0.50	<0.50
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	<2.2	<2.2	<2.2
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	<0.18	<0.18	<0.18
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	<0.50	<0.50	<0.50
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	<0.50	<0.50	<0.50
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	<0.37	<0.37	<0.37
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	<2.5	<2.5	<2.5
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	<0.50	<0.50	<0.50
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	<0.50	<0.50	<0.50
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	<0.21	<0.21	<0.21
1,2Dibromo-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	<2.2	<2.2	<2.2
Dibromochloromethane	<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
1,2-Dibromoethane (EDB)	<0.18	<0.18	<0.18	<0.89	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Dibromomethane	<0.43	<0.43	<0.43	<2.1	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
1,2-Dichlorobenzene	<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
1,3-Dichlorobenzene	<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
1,4-Dichlorbenzene	<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
Dichlorodifluoromethane	<0.22	<0.22	<0.22	<1.1	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
1,1-Dichloroethane	<0.24	<0.24	<0.24	<1.2	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,2-Dichloroethane	<0.17	<0.17	<0.17	<0.84	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
1,1-Dichloroethene	<0.41	<0.41	<0.41	<2.1	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	0.57 J	0.63 J	*0.82 J*	<0.41	<0.41	<0.41
cis-1,2-Dichloroethene	1.2	2.0	1.4	*9.8*	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	*38.3*	*40.1*	*48.8*	*23.6*	*14.7*	*7.4*
trans-1,2-Dichloroethene	<0.26	<0.26	<0.26	<1.3	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	0.83 J	0.95 J	0.44 J	<0.26	<0.26
1,2-Dichloropropane	<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	<0.23	<0.23	<0.23
1,3-Dichloropropane	<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
2,2-Dichloropropane	<0.48	<0.48	<0.48	<2.4	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
1,1-Dichloropropene	<0.44	<0.44	<0.44	<2.2	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
cis-1,3-Dichloropropene	<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
trans-1,3-Dichlorpropene	<0.23	<0.23	<0.23	<1.1	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23
Diisopropyl either	<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
Ethylbenzene	<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
Hexachloro-1,3-butadiene	<2.1	<2.1	<2.1	<10.5	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
Isopropylbeneze (Cumene)	<0.14	<0.14	<0.14	<0.72	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14
p-Isopropyltoluene	<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
Methylene Chloride	<0.23	<0.23	<0.23	*2.4 J*	0.30 J	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23
Methtyl-tert-butyl ether	<0.17	<0.17	<0.17	<0.87	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
Naphthalene	<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	<2.5	<2.5	<2.5
n-Propylbenzene	<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
Styrene	<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
1,1,1,2-Tetrachloroethane	<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	<0.18	<0.18	<0.18
1,1,2,2-Tetrachloroethane	<0.25	<0.25	<0.25	<1.2	<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
Tetrachlorethene	*1.4*	<0.50	<0.50	**386**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**14.7**	**15.0**	**17.7**	**19.5**	**10.4**	**7.4**
Toluene	<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
1,2,3-Trichlorobenzene	<2.1	<2.1	<2.1	<10.7	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
1,2,4-Trichlorobenzene	<2.2	<2.2	<2.2	<11.0	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
1,1,1-Trichloroethane	<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
1,1,2-Trichlorethane	<0.20	<0.20	<0.20	<0.99	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Trichlorethene	*0.69 J*	<0.33	<0.33	**15.7**	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	**45.1**	**57.4**	**78.4**	**43.3**	**22.7**	**9.5**
Trichlorofluoromethane	<0.18	<0.18	<0.18	<0.92	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
1,2,3-Trichloropropane	<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
1,2,4-Trimethylbenzene	<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
1,3,5-Trimethylbenzene	<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
vinyl chloride	<0.18	**0.53 J**	**3.6**	<0.88	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	**4.1**	**4.5**	**1.8**	**0.96 J**	**0.50 J**
m&p-Xylene	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
o-Xylene	<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
Xylenes(total)	<1.5	<1.5	<1.5	<7.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.50	<1.50	<1.5	<1.5	<1.5	<1.5	<1.50	<1.50

VOCs (ug/L)	MW-3 10/16/15	MW-3 1/15/16	MW-3 4/9/16	MW-3 7/29/16	MW-3 3/27/17	MW-3 5/1/18	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-4 3/27/17	MW-4 5/1/18
Benzene	<1.0	<1.2	<1.0	<1.0	<1.0	<0.50	<10.0	<12.5	<10.0	<0.50	<20.0	<12.5	<20.0	<25.0	<20.0	<20.0
Bromobenzene	<0.46	<0.58	<0.46	<0.46	<0.46	<0.23	<4.6	<5.8	<4.6	<0.23	<9.2	<5.8	<9.2	<11.5	<9.2	<9.2
Bromochloromethane	<0.68	<0.85	<0.68	<0.68	<0.68	<0.34	<6.8	<8.5	<6.8	<0.34	<13.6	<8.5	<13.6	<17.0	<13.6	<13.6
Bromodichloromethane	<1.0	<1.2	<1.0	<1.0	<1.0	<0.50	<10.0	<12.5	<10.0	<0.50	<20.0	<12.5	<20.0	<25.0	<20.0	<20.0
Bromoform	<1.0	<1.2	<1.0	<1.0	<1.0	<0.50	<10.0	<12.5	<10.0	<0.50	<20.0	<12.5	<20.0	<25.0	<20.0	<20.0
Bromomethane	<4.9	<6.1	<4.9	<4.9	<4.9	<2.4	<48.7	<60.9	<48.7	<2.4	<97.4	<60.9	<97.4	<122	<97.4	<97.4
n-Butylbenzene	<1.0	<1.2	<1.0	<1.0	<1.0	<0.50	<10.0	<12.5	<10.0	<0.50	<20.0	<12.5	<20.0	<25.0	<20.0	<20.0
sec-Butylbenzene	<4.4	<5.5	<4.4	<4.4	<4.4	<2.2	<43.7	<54.7	<43.7	<2.2	<87.4	<54.7	<87.4	<109	<87.4	<87.4
tert-Butylbenzene	<0.36	<0.45	<0.36	<0.36	<0.36	<0.18	<3.6	<4.5	<3.6	<0.18	<7.2	<4.5	<7.2	<9.0	<7.2	<7.2
Carbon tetrachloride	<1.0	<1.2	<1.0	<1.0	<1.0	<0.50	<10.0	<12.5	<10.0	<0.50	<20.0	<12.5	<20.0	<25.0	<20.0	<20.0
Chlorobenzene	<1.0	<1.2	<1.0	<1.0	<1.0	<0.50	<10.0	<12.5	<10.0	<0.50	<20.0	<12.5	<20.0	<25.0	<20.0	<20.0
Chloroethane	<0.75	<0.94	<0.75	<0.75	<0.75	<0.37	<7.5	<9.4	<7.5	<0.37	<15.0	<9.4	<15.0	<18.7	<15.0	<15.0
Chloroform	<5.0	<6.2	<5.0	<5.0	<5.0	<2.5	<50.0	<62.5	<50.0	<2.5	<100	<62.5	<100	<125	<100	<100
Chloromethane	<1.0	<1.2	<1.0	<1.0	<1.0	<0.50	<10.0	<12.5	<10.0	<0.50	<20.0	<12.5	<20.0	<25.0	<20.0	<20.0
2-Chlorotoluene	<1.0	<1.2	<1.0	<1.0	<1.0	<0.50	<10.0	<12.5	<10.0	<0.50	<20.0	<12.5	<20.0	<25.0	<20.0	<20.0
4-Chlorotoluene	<0.43	<0.53	<0.43	<0.43	<0.43	<0.21	<4.3	<5.3	<4.3	<0.21	<8.5	<5.3	<8.5	<10.7	<8.5	<8.5
1,2Dibromo-3-chloropropane	<4.3	<5.4	<4.3	<4.3	<4.3	<2.2	<43.3	<54.1	<43.3	<2.2	<86.6	<54.1	<86.6	<108	<86.6	<86.6
Dibromochloromethane	<1.0	<1.2	<1.0	<1.0	<1.0	<0.50	<10.0	<12.5	<10.0	<0.50	<20.0	<12.5	<20.0	<25.0	<20.0	<20.0
1,2-Dibromoethane (EDB)	<0.36	<0.44	<0.36	<0.36	<0.36	<0.18	<3.6	<4.4	<3.6	<0.18	<7.1	<4.4	<7.1	<8.9	<7.1	<7.1
Dibromomethane	<0.85	<1.1	<0.85	<0.85	<0.85	<0.43	<8.5	<10.7	<8.5	<0.43	<17.1	<10.7	<17.1	<21.3	<17.1	<17.1
1,2-Dichlorobenzene	<1.0	<1.2	<1.0	<1.0	<1.0	<0.50	<10.0	<12.5	<10.0	<0.50	<20.0	<12.5	<20.0	<25.0	<20.0	<20.0
1,3-Dichlorobenzene	<1.0	<1.2	<1.0	<1.0	<1.0	<0.50	<10.0	<12.5	<10.0	<0.50	<20.0	<12.5	<20.0	<25.0	<20.0	<20.0
1,4-Dichlorbenzene	<1.0	<1.2	<1.0	<1.0	<1.0	<0.50	<10.0	<12.5	<10.0	<0.50	<20.0	<12.5	<20.0	<25.0	<20.0	<20.0
Dichlorodifluoromethane	<0.45	<0.56	<0.45	<0.45	<0.45	<0.22	<4.5	<5.6	<4.5	<0.22	<9.0	<5.6	<9.0	<11.2	<9.0	<9.0
1,1-Dichloroethane	<0.48	<0.60	<0.48	<0.48	<0.48	<0.24	<4.8	<6.0	<4.8	0.30 J	<9.7	<6.0	<9.7	<12.1	<9.7	<9.7
1,2-Dichloroethane	<0.34	<0.42	<0.34	<0.34	<0.34	<0.17	<3.4	<4.2	<3.4	<0.17	<6.7	<4.2	<6.7	<8.4	<6.7	<6.7
1,1-Dichloroethene	<0.82	<1.0	<0.82	<0.82	<0.82	<0.41	<8.2	<10.3	<8.2	*5.4*	<16.4	<10.3	<16.4	<20.5	<16.4	<16.4
cis-1,2-Dichloroethene	*47.0*	*37.3*	*37.7*	*32.6*	*40.2*	*40.1*	**190**	**217**	**270**	**279**	**117**	**129**	**194**	**231**	**164**	**106**
trans-1,2-Dichloroethene	1.3 J	0.97 J	0.70 J	<0.51	0.68 J	0.77 J	<5.1	15.4 J	*20.1*	5.8	<10.3	6.8 J	<10.3	<12.8	16.2 J	<10.3
1,2-Dichloropropane	<0.47	<0.58	<0.47	<0.47	<0.47	<0.23	<4.7	<5.8	<4.7	<0.23	<9.3	<5.8	<9.3	<11.7	<9.3	<9.3
1,3-Dichloropropane	<1.0	<1.2	<1.0	<1.0	<1.0	<0.50	<10.0	<12.5	<10.0	<0.50	<20.0	<12.5	<20.0	<25.0	<20.0	<20.0
2,2-Dichloropropane	<0.97	<1.2	<0.97	<0.97	<0.97	<0.48	<9.7	<12.1	<9.7	<0.48	<19.4	<12.1	<19.4	<24.2	<19.4	<19.4
1,1-Dichloropropene	<0.88	<1.1	<0.88	<0.88	<0.88	<0.44	<8.8	<11.0	<8.8	<0.44	<17.6	<11.0	<17.6	<22.1	<17.6	<17.6
cis-1,3-Dichloropropene	<1.0	<1.2	<1.0	<1.0	<1.0	<0.50	<10.0	<12.5	<10.0	<0.50	<20.0	<12.5	<20.0	<25.0	<20.0	<20.0
trans-1,3-Dichlorpropene	<0.46	<0.57	<0.46	<0.46	<0.46	<0.23	<4.6	<5.7	<4.6	<0.23	<9.2	<5.7	<9.2	<11.5	<9.2	<9.2
Diisopropyl either	<1.0	<1.2	<1.0	<1.0	<1.0	<0.50	<10.0	<12.5	<10.0	<0.50	<20.0	<12.5	<20.0	<25.0	<20.0	<20.0
Ethylbenzene	<1.0	<1.2	<1.0	<1.0	<1.0	<0.50	<10.0	<12.5	<10.0	<0.50	<20.0	<12.5	<20.0	<25.0	<20.0	<20.0
Hexachloro-1,3-butadiene	<4.2	<5.3	<4.2	<4.2	<4.2	<2.1	<42.1	<52.6	<42.1	<2.1	<84.2	<52.6	<84.2	<105	<84.2	<84.2
Isopropylbeneze (Cumene)	<0.29	<0.36	<0.29	<0.29	<0.29	<0.14	<2.9	<3.6	<2.9	<0.14	<5.7	<3.6	<5.7	<7.2	<5.7	<5.7
p-Isopropyltoluene	<1.0	<1.2	<1.0	<1.0	<1.0	<0.50	<10.0	<12.5	<10.0	<0.50	<20.0	<12.5	<20.0	<25.0	<20.0	<20.0
Methylene Chloride	<0.47	<0.58	<0.47	<0.47	<0.47	<0.23	<4.7	<5.8	<4.7	<0.23	<9.3	<5.8	<9.3	<11.6	**11.8 J**	<9.3
Methtyl-tert-butyl ether	<0.35	<0.44	<0.35	<0.35	<0.35	<0.17	<3.5	<4.4	<3.5	<0.17	<7.0	<4.4	<7.0	<8.7	<7.0	<7.0
Naphthalene	<5.0	<6.2	<5.0	<5.0	<5.0	<2.5	<50.0	<62.5	<50.0	<2.5	<100	<62.5	<100	<125	<100	<100
n-Propylbenzene	<1.0	<1.2	<1.0	<1.0	<1.0	<0.50	<10.0	<12.5	<10.0	<0.50	<20.0	<12.5	<20.0	<25.0	<20.0	<20.0
Styrene	<1.0	<1.2	<1.0	<1.0	<1.0	<0.50	<10.0	<12.5	<10.0	<0.50	<20.0	<12.5	<20.0	<25.0	<20.0	<20.0
1,1,1,2-Tetrachloroethane	<0.36	<0.45	<0.36	<0.36	<0.36	<0.18	<3.6	<4.5	<3.6	<0.18	<7.2	<4.5	<7.2	<9.0	<7.2	<7.2
1,1,2,2-Tetrachloroethane	<0.50	<0.62	<0.50	<0.50	<0.50	<0.25	<5.0	<6.2	<5.0	<0.25	<10.0	<6.2	<10.0	<12.5	<10.0	<10.0
Tetrachlorethene	**185**	**122**	**75.1**	**116**	**84.6**	**59.3**	**1840**	**3160**	**4900**	**4900**	**2870**	**3010**	**5150**	**6080**	**4460**	**3350**
Toluene	<1.0	<1.2	<1.0	<1.0	<1.0	<0.50	<10.0	<12.5	<10.0	<0.50	<20.0	<12.5	<20.0	<25.0	<20.0	<20.0
1,2,3-Trichlorobenzene	<4.3	<5.3	<4.3	<4.3	<4.3	<2.1	<42.7	<53.3	<42.7	<2.1	<85.3	<53.3	<85.3	<107	<85.3	<85.3
1,2,4-Trichlorobenzene	<4.4	<5.5	<4.4	<4.4	<4.4	<2.2	<44.2	<55.2	<44.2	<2.2	<88.4	<55.2	<88.4	<110	<88.4	<88.4
1,1,1-Trichloroethane	<1.0	<1.2	<1.0	<1.0	<1.0	<0.50	<10.0	<12.5	<10.0	<0.50	<20.0	<12.5	<20.0	<25.0	<20.0	<20.0
1,1,2-Trichlorethane	<0.39	<0.49	<0.39	<0.39	<0.39	<0.20	<3.9	<4.9	<3.9	<0.20	<7.9	<4.9	<7.9	<9.9	<7.9	<7.9
Trichlorethene	**154**	**111**	**87.5**	**98.2**	**78.8**	**60.7**	**293**	**510**	**638**	**772**	**340**	**365**	**609**	**696**	**481**	**330**
Trichlorofluoromethane	<0.37	<0.46	<0.37	<0.37	<0.37	<0.18	<3.7	<4.6	<3.7	<0.18	<7.4	<4.6	<7.4	<9.2	<7.4	<7.4
1,2,3-Trichloropropane	<1.0	<1.2	<1.0	<1.0	<1.0	<0.50	<10.0	<12.5	<10.0	<0.50	<20.0	<12.5	<20.0	<25.0	<20.0	<20.0
1,2,4-Trimethylbenzene	<1.0	<1.2	<1.0	<1.0	<1.0	<0.50	<10.0	<12.5	<10.0	<0.50	<20.0	<12.5	<20.0	<25.0	<20.0	<20.0
1,3,5-Trimethylbenzene	<1.0	<1.2	<1.0	<1.0	<1.0	<0.50	<10.0	<12.5	<10.0	<0.50	<20.0	<12.5	<20.0	<25.0	<20.0	<20.0
vinyl chloride	**1.3 J**	**2.5 J**	**2.8**	**1.6 J**	**1.6 J**	**1.9**	**11.9 J**	**17.1 J**	**23.1**	**40.2**	<7.0	**9.7 J**	**17.0 J**	**21.5 J**	**7.0 J**	**7.4 J**
m&p-Xylene	<2.0	<2.5	<2.0	<2.0	<2.0	<1.0	<20.0	<25.0	<20.0	<1.0	<40.0	<25.0	<40.0	<50.0	<40.0	<40.0
o-Xylene	<1.0	<1.2	<1.0	<1.0	<1.0	<0.50	<10.0	<12.5	<10.0	<0.50	<20.0	<12.5	<20.0	<25.0	<20.0	<20.0
Xylenes(total)	<3.0	<3.7	<3.0	<3.0	<3.0	<1.5	<30.0	<37.5	<30.0	<1.5	<60.0	<37.5	<60.0	<75.0	<60.0	<60.0

VOCs (ug/L)	MW-5 3/27/17	MW-5 5/1/18	MW-6 3/27/17	MW-6 5/1/18	MW-7 3/27/17	MW-7 5/1/18	MW-8 8/1/17	MW-8 5/1/18	MW-9 5/1/18	MW-10 8/1/17	MW-10 5/1/18	MW-11 5/1/18	NR 140.10 Table 1 **ES**	NR 140.10 Table 1 *PAL*
Benzene	<20.0	<20.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.5	<2.5	<0.50	5	0.5
Bromobenzene	<9.2	<9.2	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.46	<1.2	<1.2	<0.23	---	---
Bromochloromethane	<13.6	<13.6	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.68	<1.7	<1.7	<0.34	---	---
Bromodichloromethane	<20.0	<20.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.5	<2.5	<0.50	0.6	0.06
Bromoform	<20.0	<20.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.5	<2.5	<0.50	4.4	0.44
Bromomethane	<97.4	<97.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<4.9	<12.2	<12.2	<2.4	10	1
n-Butylbenzene	<20.0	<20.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	6.3	<2.5	4.2 J	4.0	---	---
sec-Butylbenzene	<87.4	<87.4	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	4.4 J	<10.9	<10.9	4.0 J	---	---
tert-Butylbenzene	<7.2	<7.2	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.90	<0.90	<0.18	---	---
Carbon tetrachloride	<20.0	<20.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.5	<2.5	<0.50	5	0.5
Chlorobenzene	<20.0	<20.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.5	<2.5	<0.50	---	---
Chloroethane	<15.0	<15.0	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.75	<1.9	<1.9	<0.37	400	80
Chloroform	<100	<100	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	<12.5	<12.5	<2.5	6	0.6
Chloromethane	<20.0	<20.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.5	<2.5	<0.50	30	3
2-Chlorotoluene	<20.0	<20.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.5	<2.5	<0.50	---	---
4-Chlorotoluene	<8.5	<8.5	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.43	<1.1	<1.1	<0.21	---	---
1,2Dibromo-3-chloropropane	<86.6	<86.6	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<4.3	<10.8	<10.8	<2.2	0.2	0.02
Dibromochloromethane	<20.0	<20.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.5	<2.5	<0.50	60	6
1,2-Dibromoethane (EDB)	<7.1	<7.1	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.89	<0.89	<0.18	0.05	0.005
Dibromomethane	<17.1	<17.1	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.85	<2.1	<2.1	<0.43	---	---
1,2-Dichlorobenzene	<20.0	<20.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.5	<2.5	<0.50	600	60
1,3-Dichlorobenzene	<20.0	<20.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.5	<2.5	<0.50	600	120
1,4-Dichlorbenzene	<20.0	<20.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.5	<2.5	<0.50	75	15
Dichlorodifluoromethane	<9.0	<9.0	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.45	<1.1	<1.1	<0.22	1000	200
1,1-Dichloroethane	<9.7	<9.7	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.48	<1.2	<1.2	<0.24	850	85
1,2-Dichloroethane	<6.7	<6.7	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.34	<0.84	<0.84	<0.17	5	0.5
1,1-Dichloroethene	<16.4	<16.4	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.82	<2.1	<2.1	<0.41	7	0.7
cis-1,2-Dichloroethene	**126**	**132**	*58.2*	*32.7*	<0.26	0.40 J	0.43 J	<0.26	<0.51	6.9	3.4 J	<0.26	70	7
trans-1,2-Dichloroethene	<10.3	<10.3	1.4	0.84 J	<0.26	<0.26	<0.26	<0.26	<0.51	<1.3	<1.3	<0.26	100	20
1,2-Dichloropropane	<9.3	<9.3	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.47	<1.2	<1.2	<0.23	5	0.5
1,3-Dichloropropane	<20.0	<20.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.5	<2.5	<0.50	---	---
2,2-Dichloropropane	<19.4	<19.4	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.97	<2.4	<2.4	<0.48	---	---
1,1-Dichloropropene	<17.6	<17.6	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.88	<2.2	<2.2	<0.44	---	---
cis-1,3-Dichloropropene	<20.0	<20.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.5	<2.5	<0.50	0.4	0.04
trans-1,3-Dichlorpropene	<9.2	<9.2	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.46	<1.1	<1.1	<0.23	0.4	0.04
Diisopropyl either	<20.0	<20.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.5	<2.5	<0.50	---	---
Ethylbenzene	<20.0	<20.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	92.3	*475*	*267*	79.9	700	140
Hexachloro-1,3-butadiene	<84.2	<84.2	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<4.2	<1.5	<10.5	<2.1	---	---
Isopropylbeneze (Cumene)	<5.7	<5.7	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	18.5	13.2	11.3	27.5	---	---
p-Isopropyltoluene	<20.0	<20.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3 J	<2.5	<2.5	<0.50	---	---
Methylene Chloride	**9.5 J**	<9.3	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.47	<1.2	<1.2	<0.23	5	0.5
Methtyl-tert-butyl ether	<7.0	<7.0	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.35	<0.87	<0.87	<0.17	60	12
Naphthalene	<100	<100	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	*30.4*	*81.8*	*62.8*	<2.5	100	10
n-Propylbenzene	<20.0	<20.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	47.5	41.2	31.5	59.7	---	---
Styrene	<20.0	<20.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.5	<2.5	<0.50	100	10
1,1,1,2-Tetrachloroethane	<7.2	<7.2	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.90	<0.90	<0.18	70	7
1,1,2,2-Tetrachloroethane	<10.0	<10.0	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<1.2	<1.2	<0.25	0.2	0.02
Tetrachlorethene	**2460**	**2900**	<0.50	<0.50	*2.5*	*1.6*	<0.50	<0.50	<1.0	**51.0**	**40.6**	<0.50	5	0.5
Toluene	<20.0	<20.0	0.69 J	<0.50	0.53 J	<0.50	<0.50	<0.50	<1.0	4.4 J	2.7 J	5.9	800	160
1,2,3-Trichlorobenzene	<85.3	<85.3	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<4.3	<10.7	<10.7	<2.1	---	---
1,2,4-Trichlorobenzene	<88.4	<88.4	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<4.4	<11.0	<11.0	<2.2	70	14
1,1,1-Trichloroethane	<20.0	<20.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.5	<2.5	<0.50	200	40
1,1,2-Trichlorethane	<7.9	<7.9	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.39	<0.99	<0.99	<0.20	5	0.5
Trichlorethene	**513**	**665**	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.66	**16.4**	**11.1**	<0.33	5	0.5
Trichlorofluoromethane	<7.4	<7.4	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.37	<0.92	<0.92	<0.18	---	---
1,2,3-Trichloropropane	<20.0	<20.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.5	<2.5	<0.50	60	12
1,2,4-Trimethylbenzene	<20.0	<20.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	37.3	*304*	*208*	<0.50	480*	96*
1,3,5-Trimethylbenzene	<20.0	<20.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	*45.8*	*22.9*	<0.50	480*	96*
vinyl chloride	**9.3 J**	**13.2 J**	**4.2**	**3.4**	<0.18	<0.18	**0.63 J**	**0.26 J**	<0.35	<0.88	<0.88	<0.18	0.2	0.02
m&p-Xylene	<40.0	<40.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	179	*895*	*481*	<1.0	2000**	400**
o-Xylene	<20.0	<20.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.6 J	*13.4*	*16.1*	<0.50	2000**	400**
Xylenes(total)	<60.0	<60.0	<1.50	<1.50	<1.50	<1.50	<1.50	<1.50	<1.50	*908.4*	*497.1*	<1.50	2000**	400**

Notes:

Bold concentrations exceed NR 140 ES

Italicized and underlined concentrations exceed NR 140 PAL

--- - not analyzed OR no standard established

ES - enforcement standard

PAL - preventive action limit

µg/L - micrograms per liter

PAHs - polycyclic aromatic hydrocarbons

VOCs - volatile organic compounds

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit

DUP - Duplicate sample

TRIP - trip blank for QA/QC

* - total value for 1,2,4 and 1,3,5 trimethylbenzenes

** - total value for m, p, o Xylenes

Table A.2. Soil Analytical Results
Ol' 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	MW-9	MW-9	MW-11	MW-11
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'	9-10'	2-4'	8-9'	2-4'	8-9'	2-4'	9-10'	2-4'	11-12'
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	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	3/28/18	3/28/18	3/28/18	3/28/18
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	<27.5	<25.0	<25.0	<25.0	<26.0	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
Bromochloromethane	---	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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
Bromodichloromethane	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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
Bromoform	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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
Bromomethane	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	<76.8	<69.9	<69.9	<69.9	<72.8	<69.9	<69.9
2-Butanone (MEK)	1666.1	31800000	---	28400000	---	248000000	---	28400000	---	---	---	---	<107	<107	<107	<107	<107	<107	<107	<107	<107	<107	<107	<107	<107	<107	---	---	---	---	---	---	---	---
n-Butylbenzene	---	3910000	---	108000	---	51100000	---	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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
sec-Butylbenzene	---	7820000	---	145000	---	102000000	---	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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
tert-Butylbenzene	---	7820000	---	183000	---	102000000	---	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	<27.5	<25.0	<25.0	<25.0	<26.0	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<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	<73.6	<67.0	<67.0	<67.0	<69.8	<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	<51.0	<46.4	<46.4	<46.4	<48.4	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<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	<100	<91.2	<91.2	<91.2	<95.0	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
1,1-Dichloroethane	482.8	15600000	4720	4720	---	204000000	23700	23700	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
1,2-Dichloroethane	2.8	46700	608	608	---	210000	3030	3030	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
1,1-Dichloroethene	5	342000	---	342000	---	1530000	---	1190000	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
cis-1,2-Dichloroethene	41.2	156000	---	156000	---	2040000	---	2040000	<30.1	<29.1	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	**66.2 J**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
trans-1,2-Dichloroethene	62.8	1560000	---	1560000	---	20400000	---	1860000	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
1,2-Dichloropropane	3.3	24500	1330	1330	---	103000	6620	6620	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
1,3-Dichloropropane	---	1560000	---	1490000	---	20400000	---	1490000	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
2,2-Dichloropropane	---	---	---	527000	---	---	---	527000	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
1,1-Dichloropropene	---	---	---	---	---	---	---	---	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
cis-1,3-Dichloropropene	0.3	---	---	1220000	---	---	---	1220000	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
trans-1,3-Dichloropropene	0.3	---	---	1570000	---	---	---	1510000	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
Diisopropyl ether	---	3470000	---	2260000	---	14600000	---	2260000	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
Ethylbenzene	1570	4220000	7470	7470	---	28000000	37000	37000	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
Hexachloro-1,3-butadiene	---	61100	6220	6220	---	1020000	7450	7450	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
Isopropylbenzene (Cumene)	---	2660000	---	268000	---	14500000	---	268000	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
p-Isopropyltoluene	---	---	---	162000	---	---	---	162000	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
Methylene chloride	2.6	385000	60700	60700	---	3640000	1070000	1070000	<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	**34.5 J**	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
Methyl-tert-butyl ether (MTBE)	27	23800000	59400	59400	---	100000000	293000	293000	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
Naphthalene	658.2	188000	5150	5150	---	871000	26000	26000	<48.2	<46.6	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<44.0	<40.0	<40.0	<40.0	<41.7	<40.0	<40.0
n-Propylbenzene (propyl benzene)	---	3970000	---	264000	---	32500000	---	264000	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
Styrene	220	7690000	---	867000	---	48500000	---	867000	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
1,1,1,2-Tetrachloroethane	53.4	2350000	2590	2590	---	30700000	12900	12900	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
1,1,2,2-Tetrachloroethane	0.2	1560000	753	753	---	20400000	3690	3690	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
Tetrachloroethene	4.5	115000	30700	30700	---	579000	153000	153000	**454**	<29.1	<25.0	**2510**	<25.0	<25.0	**114**	<25.0	**9460**	**8730**	<25.0	**132**	**82.9**	**172**	<25.0	<25.0	<25.0	<25.0	<25.0	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
Toluene	1107.2	5300000	---	818000	---	52400000	---	818000	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
1,2,3-Trichlorobenzene	---	48900	---	48900	---	818000	---	818000	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
1,2,4-Trichlorobenzene	408	86300	22000	22000	---	392000	98700	98700	<57.3	<55.3	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<47.6	<52.3	<47.6	<47.6	<47.6	<49.5	<47.6	<47.6
1,1,1-Trichloroethane	140.2	12300000	---	640000	---	54600000	---	640000	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
1,1,2-Trichloroethane	3.2	2320	1480	1480	---	9800	7340	7340	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
Trichloroethene	3.6	6050	1260	1260	---	28400	8810	8810	**52.6 J**	<29.1	<25.0	**57.3 J**	<25.0	<25.0	<25.0	<25.0	**92.6**	**150**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
Trichloroflouromethane	---	1120000	---	1120000	---	307000000	---	1230000	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
1,2,3-Trichloropropane	51.9	7450	5	5	---	31800	95	95	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
1,2,4-Trimethylbenzene	---	89800	---	89800	---	377000	---	219000	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
1,3,5-Trimethylbenzene	---	782000	---	182000	---	10200000	---	182000	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
Trimethylbenzenes (total)	1382.1 (1,2,4 and 1,3,5)	---	---	---	---	---	---	---	<60.2	<58.2	<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	<55.0	<50.0	<50.0	<50.0	<52.0	<50.0	<50.0
Vinyl Chloride	0.1	93300	67	67	---	537000	2030	2030	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
m&p-Xylene	---	1694000	---	778000	---	7390000	---	778000	<60.2	<58.1	<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	<54.9	<50.0	<50.0	<50.0	<52.1	<50.0	<50.0
0-Xylene	---	981000	---	434000	---	4300000	---	434000	<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	<27.5	<25.0	<25.0	<25.0	<26.0	<25.0	<25.0
Xylenes (total)	3940 (m,o, and p)	890000	---	258000	---	4310000	---	258000	<90.3	<87.2	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	<82.4	<75.0	<75.0	<75.0	<78.1	<75.0	<75.0

Notes:

ug/kg = micrograms per kilogram

mg/kg = milligrams per kilogram

--- = Not Analyzed OR No Standard Established

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit detec

Exceedences:

Bold = exceeds NR 720.10 EPA RSL RCL GW Protection (DF=2) value

Italicized = exceeds NR 720.12 EPA RSL RCL NC value

Underline = exceeds NR 720.12 RSL SCL C value

value= exceeds NR 720.12 RSL RCL Not to Exceed D-C value

BTV - Background Threshold Value

PAHs - Polyaromatic Hydrocarbons

PCBs - Polychlorinated Biphenyls

VOCs - Volatile Organic Compounds

Bordered cells exceed the NR 720 BTV

Exceedences (Industrial):

Italicized = exceeds NR 720.12 EPA RSL RCL NC value

Underline = exceeds NR 720.12 RSL SCL C value

value= exceeds NR 720.12 RSL RCL Not to Exceed D-C value

Table A.4. Vapor Analytical Table
BRRTS#: 02-57-576350
Ol' Tyme Cleaners
910 S. Main Street West Bend, WI 53095

Sample Location:	Subslab Vapor Samples					Ambient Air Samples				Vapor Risk Screening Level (VRSL) of Indoor Air concentrations from sub-slab vapor		Vapor Action Level (VAL) for Indoor Air		
Sample Identification:	V-1 (East)		V-2 (West)		V-5 (Dominos Building)	V-3 (Indoor Air)		V-4 (Outside Air)						
Date:	2/17/16	7/29/16	2/17/16	7/29/16	3/16/18	2/17/16	7/29/16	2/17/16	7/29/16	Residential (1-in-100,000 risk for carcinogens) AF = 0.03	Non-Residential (1-in-100,000 risk for carcinogens) AF = 0.01	Residential Ambient Air (1-in-100,000 risk for	Non-Residential Ambient Air (1-in-100,000 risk for carcinogens)	c-Carcinogenic; nc- Non-Carcinogenic
Units:	µg/m^3	ug/m^3	µg/m^3	ug/m^3	ug/m^3	µg/m^3	ug/m^3	µg/m^3	ug/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	
cis-1,2-Dichloroethene	<0.33	<0.43	<0.33	0.79J	<0.61	<0.055	<0.45	<0.055	<0.45	---	---	---	---	---
trans-1,2-Dichloroethene	<0.51	2.3	<0.51	<0.74	<0.53	<0.055	<0.70	<0.055	<0.70	---	---	---	---	---
Tetrachloroethene	*3310*	**215000**	340	**2270**	0.64 J	13.9	6.3	<0.46	22.2	1400.0	18000.0	42	180	nc
Trichloroethene	28.7	**1200**	6.1	37.4	0.81 J	<0.37	<0.51	<0.37	<0.51	70.0	880.0	2.1	8.8	nc
Vinyl Chloride	<0.26	<0.34	<0.26	<0.37	<0.23	<0.036	<0.36	<0.036	<0.36	56.7	2800.0	1.7	28	c

Notes:

µg/m^3 - micrograms per cubic meter

Bold concentrations exceed the applicable Non-Residential Standard

Italicised and Underlined concentrations exceed the applicable Residential Standard

Samples were collected by Konicek Environmental Consultants LLC

... concentrations exceed the Deep Soil Gas Standards

--- - no standard established

N/A - not applicable

Action levels obtained from the June 2017 Vapor Action Levels Quick Look-Up Table and the June 2017 Vapor Intrustion Screening Level (VISL) Calculator

Table A.6 Water Level Elevations
Ol' Tyme Dry Cleaners
BRRTS#: 02-67-576350
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	Samples not taken
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	"
MW-1	05/01/18	2.92	12.12	9.20	934.04	934.60	931.12	
MW-2	05/01/18	5.58	14.78	9.20	934.81	935.41	929.23	
MW-3	05/01/18	7.32	14.64	7.32	934.23	934.77	926.91	
MW-4	05/01/18	6.64	14.88	8.24	934.27	934.84	927.63	
MW-5	05/01/18	7.31	14.81	7.50	934.85	935.03	927.54	
MW-6	05/01/18	7.78	14.75	6.97	934.22	934.81	926.44	
MW-7	05/01/18	9.32	12.36	3.04	935.76	935.94	926.44	
MW-8	05/01/18	7.81	14.95	7.14	934.11	934.35	926.30	
MW-9	05/01/18	8.61	14.88	6.27	934.57	934.76	925.96	
MW-10	05/01/18	8.05	14.93	6.88	934.22	934.53	926.17	
MW-11	05/01/18	10.06	14.86	4.80	935.93	936.13	925.87	

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.

Table A.7 - Vapor Mitigation System Test

Ol'Tyme Cleaners

BRRTS: 02-67-576350

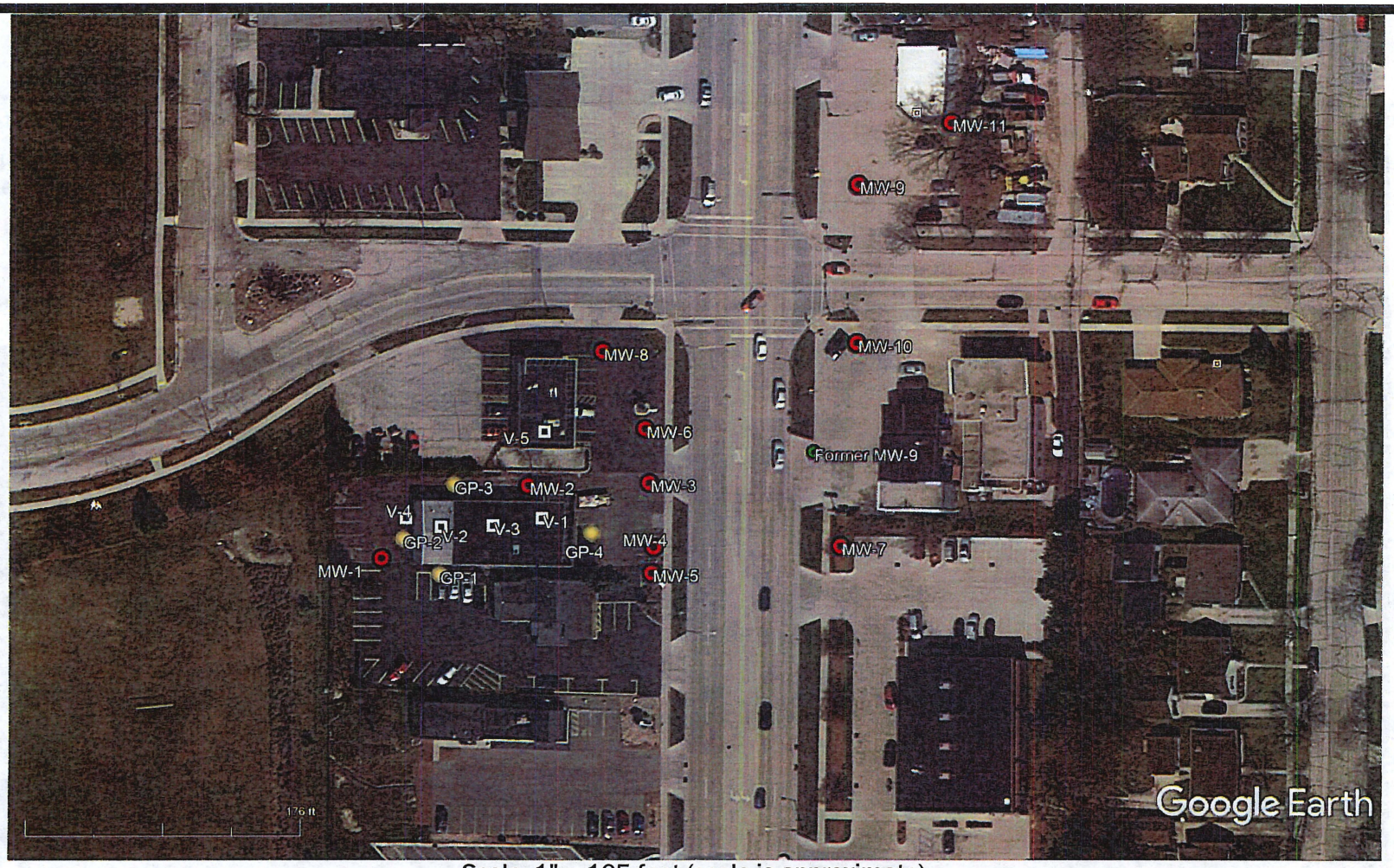
910 S. Main Street West Bend, WI

Sample Location:	**Manometer Readings**	Readings were collected by Radon Reduction Specialists by drilling a 5/8" hole into the floor slab using an electric hammer drill, connecting a flex-tubing aparatus to a digital micromanometer and placing the tubing down the hole and plugging the top with putty. Micromanometer readings were allowed to stabilize before the reading was noted. The drilled holes were then plugged and capped with putty and apoxy sealant.
Date:	11/15/2017	
Units:	Water Column (WC)	
MN-1	-0.19	
MN-2	-0.078	
MN-3	-0.36	
MN-4	-0.10	
MN-5	-0.30	

Notes:

Compacted fine sand was identified by Radon Reduction Specialists during the Vapor Mitigation System installation.

The sand was observed to be permeable and a suitable media for negative pressure communication below the building slab.

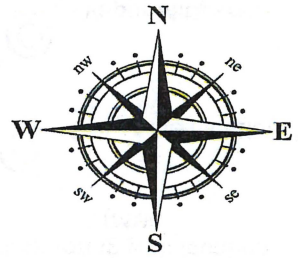


Scale: 1" = 105 feet (scale is approximate)

Legend

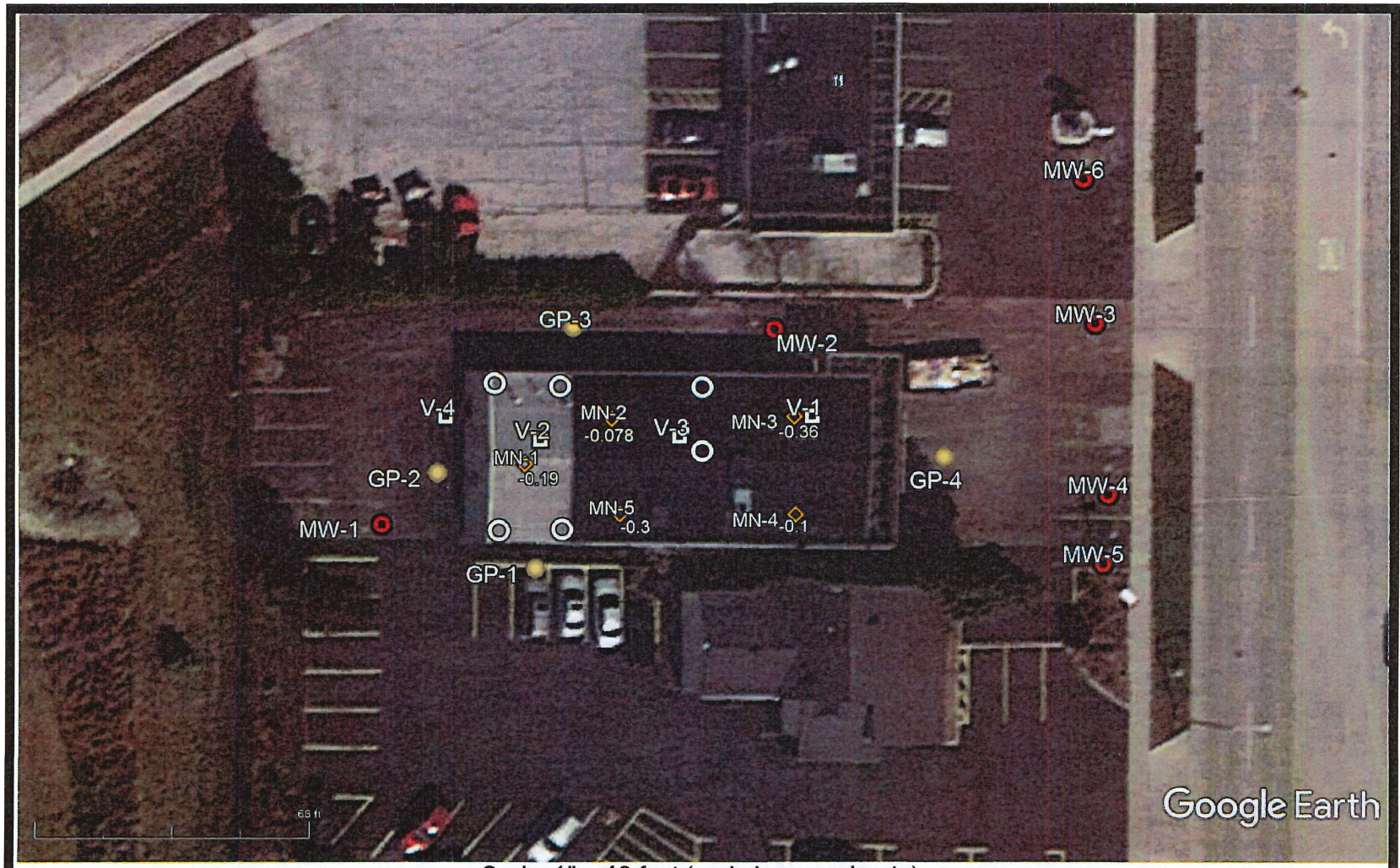
- Groundwater monitoring well location (MW)
- Former/Abandoned MW-9
- Soil probe location (GP)
- Vapor sample location (V)

*Note: V-1, V-2 and V-5 are sub-slab sample locations, and V-3 and V-4 are ambient air sample locations



Konicek Environmental Consulting, LLC
Created by: AL
Date: 4/10/2018

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



Scale: 1" = 40 feet (scale is approximate)

Legend

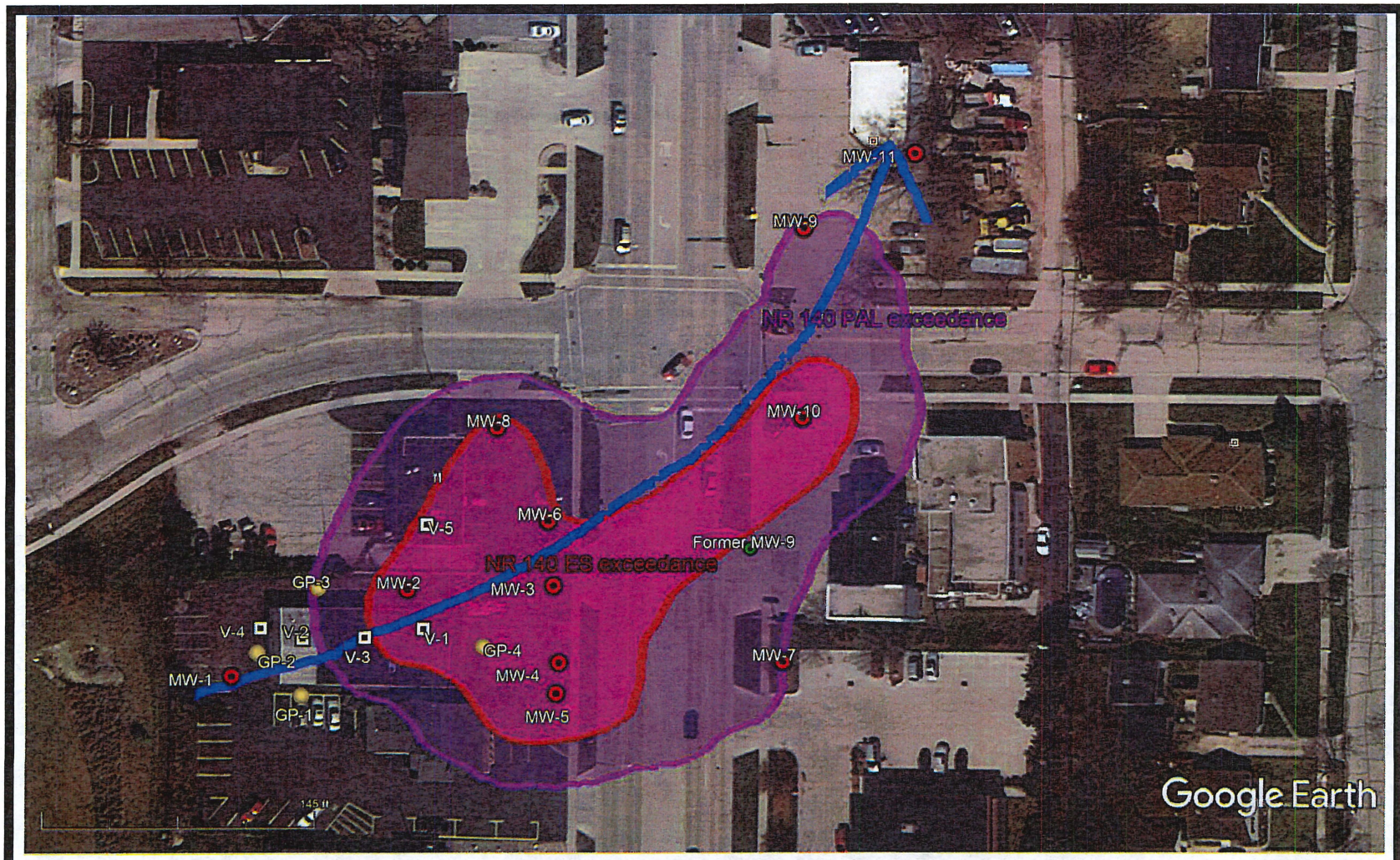
- Groundwater monitoring well location (MW)
- Soil probe location (GP)
- Vapor Mitigation System Suction Point
- Manometer Reading Points (MN)
- Vapor sample location (V)

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

N
nw
ne
W
E
sw
se
S

Konicek Environmental Consulting, LLC
Created by: AL
Date: 11/15/2017

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



Scale: 1" = 87 feet (scale is approximate)

Legend

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

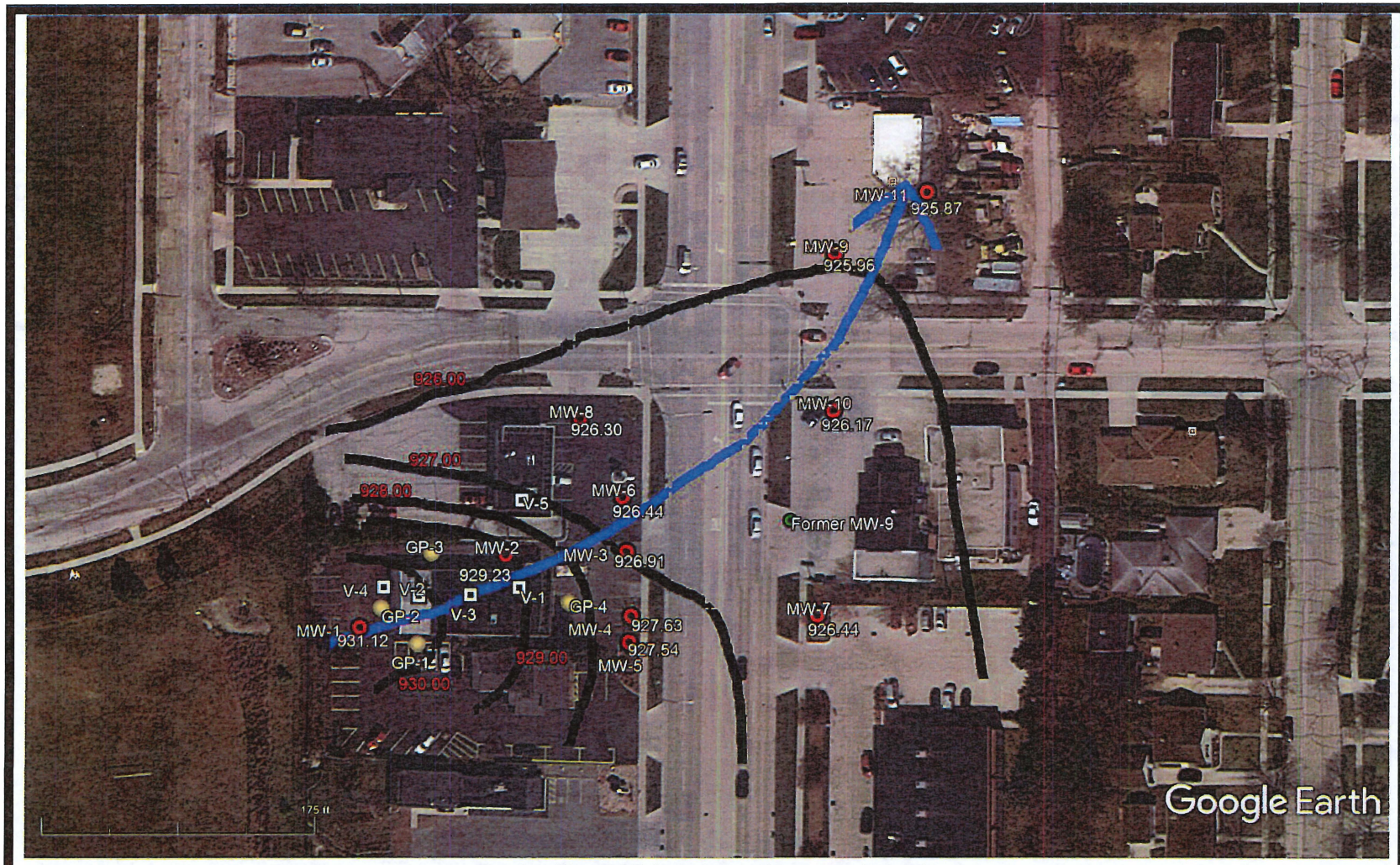
*Note: V-1 and V-2 are sub-slab sample locations, and V-3 and V-4 are ambient air sample locations

N, NE, E, SE, S, SW, W, NW

Konicek Environmental Consulting, LLC

Created by: AL
Date: 5/14/18

Figure B.3.b Groundwater Isoconcentration 5/1/18
Ol'Tyme Dry Cleaners
BRRTS: 02-67-576350
910 S. Main Street West Bend, WI



Scale: 1" = 105 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

N
NW
NE
W
E
SW
SE
S

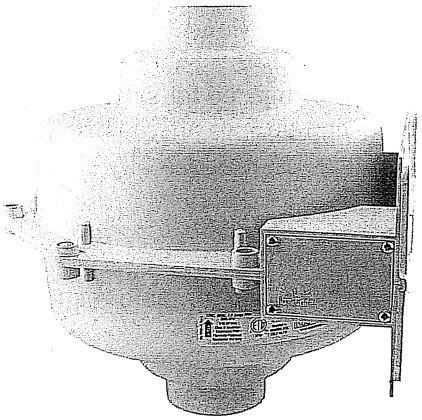
Konicek Environmental Consulting, LLC

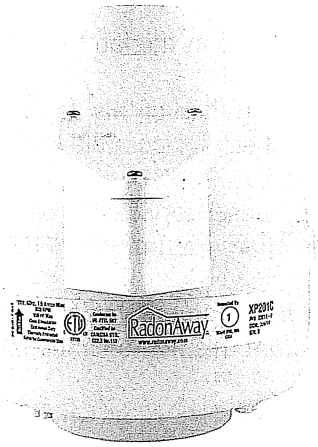
Created by: AL
Date: 5/14/18

Figure B.3.c Groundwater Flow Direction 5/1/18
Ol'Tyme Dry Cleaners
BRRTS: 02-67-576350
910 S. Main Street West Bend, WI

RadonAway®

The world's leading radon fan manufacturer





GP/GPc, XP/XPc, XR Series Installation Instructions

RadonAway®

Fan Installation & Operating Instructions
GP/GPc, XP/XPc, XR Series Fans
Please Read and Save These Instructions.

DO NOT CONNECT POWER SUPPLY UNTIL FAN IS COMPLETELY INSTALLED. MAKE SURE ELECTRICAL SERVICE TO FAN IS LOCKED IN "OFF" POSITION. DISCONNECT POWER BEFORE SERVICING FAN.

1. **WARNING!** For General Ventilating Use Only. Do Not Use to Exhaust Hazardous, Corrosive or Explosive Materials, Gases or Vapors. See Vapor Intrusion Application Note #AN001 for important information on VI Applications. RadonAway.com/vapor-intrusion

2. **NOTE:** Fan is suitable for use with solid state speed controls; however, use of speed controls is not generally recommended.

2. **WARNING!** Check voltage at the fan to insure it corresponds with nameplate.

3. **WARNING!** Normal operation of this device may affect the combustion airflow needed for safe operation of fuel burning equipment. Check for possible backdraft conditions on all combustion devices after installation.

4. **NOTICE!** There are no user serviceable parts located inside the fan unit.
Do NOT attempt to open. Return unit to the factory for service.

5. **WARNING!** Do not leave fan unit installed on system piping without electrical power for more than 48 hours. Fan failure could result from this non-operational storage.

6. **WARNING!** TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

    a) Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer.

    b) Before servicing or cleaning unit, switch power off at service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

    c) Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire rated construction.

    d) Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent backdrafting. Follow the heating equipment manufacturers' guidelines and safety standards such as those published by any National Fire Protection Association, and the American Society for Heating, Refrigerating and Air Conditioning Engineers (ASHRAE), and the local code authorities.

    e) When cutting or drilling into a wall or ceiling, do not damage electrical wiring and other hidden utilities.

    f) Ducted fans must always be vented to outdoors.

    g) If this unit is to be installed over a tub or shower, it must be marked as appropriate for the application and be connected to a GFCI (Ground Fault Circuit Interrupter) protected branch circuit.

1.0 SYSTEM DESIGN CONSIDERATIONS

1.1 INTRODUCTION

The GP/GPc, XP/XPc and XR Series Radon Fans are intended for use by trained, professional, certified/licensed radon mitigators. The purpose of these instructions is to provide additional guidance for the most effective use of GP/GPc, XP/XPc and XR Series Fans. These instructions should be considered supplemental to EPA/radon industry standard practices, state and local building codes and regulations. In the event of a conflict, those codes, practices and regulations take precedence over these instructions.

1.2 FAN SEALING

The GP/GPc, XP/XPc and XR Series Fans are factory sealed; no additional caulk or other materials are required to inhibit air leakage.

1.3 ENVIRONMENTALS

The GP/GPc, XP/XPc and XR Series Fans are designed to perform year-round in all but the harshest climates without additional concern for temperature or weather. For installations in an area of severe cold weather, please contact RadonAway for assistance. When not in operation, the fan should be stored in an area where the temperature is never less than 32 degrees F or more than 100 degrees F.

1.4 ACOUSTICS

The GP/GPc, XP/XPc and XR Series Fans, when installed properly, operate with little or no noticeable noise to the building occupants. The velocity of the outgoing air should be considered in the overall system design. In some cases the "rushing" sound of the outlet air may be disturbing. In these instances, the use of a RadonAway Exhaust Muffler is recommended.

(To ensure quiet operation of inline and remote fans, each fan shall be installed using sound attenuation techniques appropriate for the installation. For bathroom and general ventilation applications, at least 8 feet of insulated flexible duct shall be installed between the exhaust or supply grille(s) and the fan(s). GP/GPc, XP/XPc and XR Series Fans are not suitable for kitchen range hood remote ventilation applications.)

1.5 GROUND WATER

In the event that a temporary high water table results in water at or above slab level, water may be drawn into the riser pipes, thus blocking air flow to the GP/GPc, XP/XPc and XR Series Fan. The lack of cooling air may result in the fan cycling on and off as the internal temperature rises above the thermal cutoff. Should this condition arise, it is recommended that the fan be turned off until the water recedes, allowing for return to normal operation.

1.6 SLAB COVERAGE

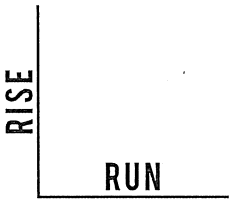
The GP/GPc, XP/XPc and XR Series Fans can provide coverage up to 2000+ sq. ft. per slab penetration. This will primarily depend on the sub-slab material in any particular installation. In general, the tighter the material, the smaller the area covered per penetration. Appropriate selection of the GP/GPc, XP/XPc and XR Series Fan best suited for the sub-slab material can improve the slab coverage. The GP/GPc and XP/XPc Series have a wide range of models to choose from to cover a wide range of sub-slab materials. The XR Series is specifically designed for high flow applications such as stone/gravel and drainage tile. Additional suction points can be added as required. It is recommended that a small pit (5 to 10 gallons in size) be created below the slab at each suction hole.

1.7 CONDENSATION & DRAINAGE

Condensation is formed in the piping of a mitigation system when the air in the piping is chilled below its dew point. This can occur at points where the system piping goes through unheated space such as an attic, garage or outside. The system design must provide a means for water to drain back to a slab hole to remove the condensation. The GP/GPc, XP/XPc and XR Series Fan MUST be mounted vertically plumb and level, with the outlet pointing up for proper drainage through the fan. Avoid mounting the fan in any orientation that will allow water to accumulate inside the fan housing. The GP/GPc, XP/XPc and XR Series Fans are NOT suitable for underground burial.

For GP/GPc, XP/XPc and XR Series Fan piping, the following table provides the minimum recommended pipe diameter and pitch under several system conditions.

Pipe Diameter	Minimum Rise per Ft of Run*		
	@25 CFM	@50 CFM	@100 CFM
4"	1/8"	1/4"	3/8"
3"	1/4"	3/8"	1 1/2"



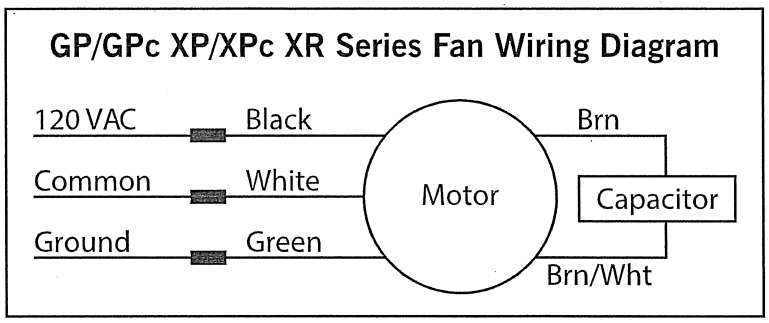
*Typical GP/GPc, XP/XPc and XR Series Fan operational flow rate is 25 - 90 CFM. (For more precision, determine flow rate by measuring Static Pressure, in WC, and correlate pressure to flow in the performance chart in the addendum.)

1.8 SYSTEM MONITOR & LABEL

A System Monitor, such as a manometer (P/N 50017) or audible alarm (P/N 28001-2, 28001-4 or 28421), is required to notify the occupants of a fan system malfunction. A System Label (provided with Manometer P/N 50017) with instructions for contacting the installing contractor for service and identifying the necessity for regular radon tests to be conducted by the building occupants must be conspicuously placed in a location where the occupants frequent and can see the label.

1.8 ELECTRICAL WIRING

The GP/GPc, XP/XPc and XR Series Fans operate on standard 120V, 60Hz AC. All wiring must be performed in accordance with National Fire Protection (NFPA) National Electrical Code, Standard #70, current edition, for all commercial and industrial work, and state and local building codes. All wiring must be performed by a qualified and licensed electrician. Outdoor installations require the use of a UL Listed watertight conduit. Ensure that all exterior electrical boxes are outdoor rated and properly sealed to prevent water penetration into the box. A means, such as a weep hole, is recommended to drain the box.

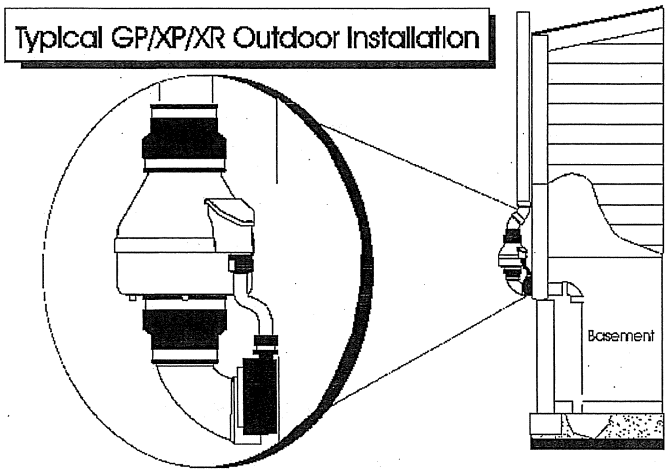


1.9 SPEED CONTROLS

The GP/GPc, XP/XPc and XR Series Fans are rated for use with electronic speed controls; however, speed controls are generally not recommended. If used, the recommended speed control is Pass & Seymour Solid State Speed Control (Cat. No. 94601-1).

2.0 INSTALLATION

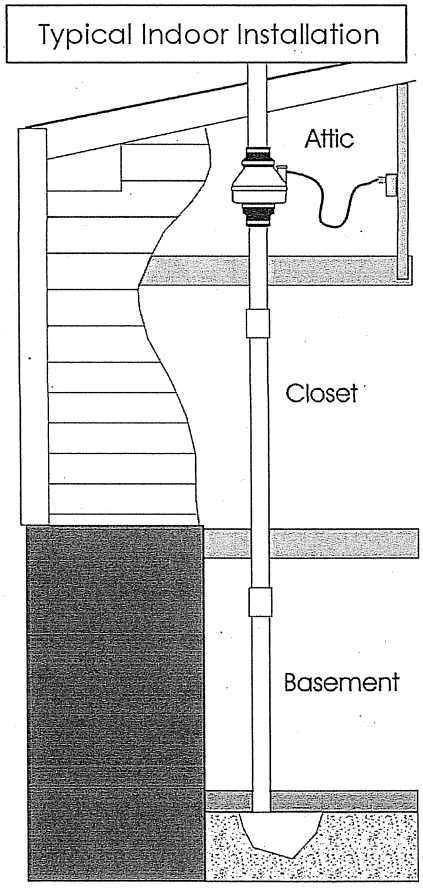
The GP/GPc, XP/XPc and XR Series Fans can be mounted indoors or outdoors. (It is suggested that EPA and radon mitigation standards recommendations be followed in choosing the fan location.) The GP/GPc fans have an integrated mounting bracket; XP/XPc and XR Series Fans may be mounted directly on the system piping or fastened to a supporting structure by means of an optional mounting bracket.



The ducting from the fan to the outside of the building has a strong effect on noise and fan energy use. Use the shortest, straightest duct routing possible for best performance, and avoid installing the fan with smaller ducts than recommended. Insulation around the ducts can reduce energy loss and inhibit mold growth. Fans installed with existing ducts may not achieve their rated airflow.

2.1 MOUNTING

Mount the GP/GPc, XP/XPc and XR Series Fan vertically with outlet up. Insure the unit is plumb and level. When mounting directly on the system piping assure that the fan does not contact any building surface to avoid vibration noise.



2.2 MOUNTING BRACKET (optional)

The XP/XPc and XR Series Fans may be optionally secured with the RadonAway P/N 25007 mounting bracket. Foam or rubber grommets may also be used between the bracket and mounting surface for vibration isolation.

2.3 SYSTEM PIPING

Complete piping run, using flexible couplings as a means of disconnect for servicing the unit and for vibration isolation. As the fan is typically outside of the building thermal boundary and is venting to the outside, installation of insulation around the fan is not required.

2.4 ELECTRICAL CONNECTION

Connect wiring with wire nuts provided, observing proper connections (See Section 1.8).
Note that the fan is not intended for connection to rigid metal conduit.

2.5 VENT MUFFLER (optional)

Install the muffler assembly in the selected location in the outlet ducting. Solvent weld all connections.
The muffler is normally installed at the end of the vent pipe.

2.6 OPERATION CHECKS & ANNUAL SYSTEM MAINTENANCE

_____ **Verify** all connections are tight and **leak-free**.

_____ **Ensure** the GP/GPc, XP/XPc and XR Series Fan and all ducting are **secure and vibration-free**.

_____ **Verify system vacuum pressure** with manometer. **Insure** vacuum pressure is within normal operating range and **less than** the maximum recommended operating pressure.
(Based on sea-level operation, at higher altitudes reduce by about 4% per 1000 feet)
(Further reduce Maximum Operating Pressure by 10% for High Temperature environments.)
See Product Specifications. If this is exceeded, increase the number of suction points.

_____ **Verify Radon levels** by testing to EPA Protocol and applicable testing standards.

XP/XPc and XR Series Product Specifications

The following chart shows fan preformance for the XP/XPc and XR Series Fans:

Typical CFM Vs. Static Pressure "WC						
	0"	**.5"**	**1.0"**	**1.5"**	**1.75"**	**2.0"**
XP151/XP151c	150	115	69	-	-	-
XP201/XP201c	112	95	70	40	-	-
XR261	217	149	87	27	-	-

Model	Power Consumption 120VAC, 60Hz, 1.5 Amp Maximum	Maximum Recommended Operation Pressure* (Sea Level Operation)**
XP151/XP201c	45 - 60 watts	1.3" WC
XP201/XP201c	45 - 66 watts	1.7" WC
XR261	67 - 117 watts	1.6" WC

**Reduce by 10% for High Temperature Operation **Reduce by 4% per 1000 ft. of altitude.*

Model	Size	Weight	Inlet/Outlet
XP151/XP151c	9.5"H x 8.5" Dia.	6 lbs	4.5"OD (4.0" PVC Sched 40 size compatible)
XP201/XP201c	9.5"H x 8.5" Dia.	6 lbs	4.5" OD
XR261	9.5"H x 8.5" Dia.	7 lbs	6" OD

XP/XPc Series Inlet/Outlet: 4.5" OD (4.0" PVC Sched 40 size compatible)
XR Series Inlet/Outlet: 6" OD
Size: 9.5H" x 8.5" Dia.
Weight: 6 lbs. (XR261 - 7 lbs)
Recommended Ducting: 3" or 4" Schedule 20/40 PVC Pipe
PVC Pipe Mounting: Fan may be mounted on the duct pipe or with integral flanges.
Storage Temperature Range: 32-100 degrees F

Thermal Cutout:

XP151.151c	130°C (266°F)
XP201/201c	130°C (266°F)
XR261	130°C (266°F)

Continuous Duty
Thermally Protected
Class B Insulation
3000 RPM
Residential Use Only
Rated for Indoor or Outdoor Use

LISTED
Electric Fan

Intertek
77728

Conforms to
UL STD. 507
Certified to
CAN/CSA STD.
C22.2 No.113

GP/GPc Series Product Specifications

The following chart shows fan preformance for the GP/GPc Series Fans:

Typical CFM Vs. Static Pressure "WC							
	1.0"	1.5"	2.0"	2.5"	3.0"	3.5"	4.0"
GP201/GP201c	54	42	11	-	-	-	-
GP301/GP301c	64	54	41	4	-	-	-
GP401/GP401c	-	61	52	44	22	-	-
GP501/GP501c	-	-	66	58	50	27	4

Model	Power Consumption 120VAC, 60Hz, 1.5 Amp Maximum	Maximum Recommended Operation Pressure* (Sea Level Operation)**
GP201/GP201c	31-65 watts	1.8" WC
GP301/GP301c	56-100 watts	2.3" WC
GP401/GP401c	62-128 watts	3.0" WC
GP501/GP501c	68 - 146 watts	3.8" WC

**Reduce by 10% for High Temperature Operation **Reduce by 4% per 1000 ft. of altitude.*

Model	Size	Weight	Inlet/Outlet
GP201/GP201c	13.5"H x 12.5" Dia.	12 lbs	3.5"OD (3.0" PVC Sched 40 size compatible)
GP301/GP301c	13.5"H x 12.5" Dia.	12 lbs	3.5" OD
GP401/GP401c	13.5"H x 12.5" Dia.	12 lbs	3.5" OD
GP501/GP501c	13.5"H x 12.5" Dia.	12 lbs	3.5" OD

Inlet/Outlet: 3.5" OD (3.0" PVC Sched 40 size compatible)

Mounting: Fan may be mounted on the duct pipe or with integral flanges.

Weight: 12 lbs

Size: 13H" x 12.5" x 12.5"

Recommended Ducting: 3" or 4" Schedule 20/40 PVC Pipe

Storage Temperature Range: 32 - 100 degrees F

Thermal Cutout:

GP201/201c	130°C (266°F)
GP301/301c	130°C (266°F)
GP401/401c	130°C (266°F)
GP501/501c	130°C (266°F)

Continuous Duty

Class B Insulation

3000 RPM

Thermally Protected

Rated for Indoor or Outdoor Use

LISTED
Electric Fan

Intertek
77728

Conforms to
UL STD. 507

Certified to
CAN/CSA STD.
C22.2 No.113

IMPORTANT INSTRUCTIONS TO INSTALLER

Inspect the RadonAway® RP/RPc, GP/GPc, XP/XPc, XR and SF Series Fan for shipping damage within 15 days of receipt. **Notify RadonAway of any damages immediately.** RadonAway is not responsible for damages incurred during shipping. However, for your benefit, RadonAway does insure shipments.

There are no user serviceable parts inside the fan. **Do not attempt to open the housing.** Return unit to factory for service.

Install the RP/RPc, GP/GPc, XP/XPc, XR and SF Series Fan in accordance with all EPA, ANSI/AARST standard practices, and state and local building codes and regulations.

Provide a copy of this instruction or comparable radon system and testing information to the building occupants after completing system installation.

Warranty

RadonAway® warrants that the RP/RPc, GP/GPc (excluding GP500), XP/XPc, XR and SF Series Fan (the "Fan") will be free from defects in materials and workmanship for a period of 12 months from the date of purchase or18 months from the date of manufacture, whichever is sooner (the "Warranty Term").

RadonAway® will replace any fan which fails due to defects in materials or workmanship during the Warranty Term. This Warranty is contingent on installation of the Fan in accordance with the instructions provided. This Warranty does not apply where any repairs or alterations have been made or attempted by others, or if the unit has been abused or misused. Warranty does not cover damage in shipment unless the damage is due to the negligence of RadonAway®.

The Fan must be returned (at Owner's cost) to the RadonAway® factory. Any Fan returned to the factory will be discarded unless the Owner provides specific instructions along with the Fan when it is returned regardless of whether or not the Fan is actually replaced under this warranty. Proof of purchase must be supplied upon request for service under this Warranty.

5-YEAR EXTENDED WARRANTY WITH PROFESSIONAL INSTALLATION.

RadonAway® will extend the Warranty Term of the fan to 60 months (5 years) from date of purchase or 66 months from date of manufacture, whichever is sooner, provided that the fan is installed by a professional radon mitigation contractor. Proof of purchase and/or proof of professional installation may be required for service under this warranty. No extended warranty is offered outside the Continental United States and Canada beyond the standard 12 months from the date of purchase or18 months from the date of manufacture, whichever is sooner.

RadonAway® is not responsible for installation, removal or delivery costs associated with this Warranty.

LIMITATION OF WARRANTY

EXCEPT AS STATED ABOVE, THE RP/RPc, GP/GPc (excluding GP500), XP/XPc, XR and SF SERIES FANS ARE PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULARPURPOSE.

IN NO EVENT SHALL RADONAWAY BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING OUT OF, OR RELATING TO, THE FAN OR THE PERFORMANCE THEREOF. RADONAWAY'S AGGREGATE LIABILITY HEREUNDER SHALL NOT IN ANY EVENT EXCEED THE AMOUNT OF THE PURCHASE PRICE OF SAID PRODUCT. THE SOLE AND EXCLUSIVE REMEDY UNDER THIS WARRANTY SHALL BE THE REPAIR OR REPLACEMENT OF THE PRODUCT, TO THE EXTENT THE SAME DOES NOT MEET WITH RADONAWAY'S WARRANTY AS PROVIDED ABOVE.

For service under this Warranty, contact RadonAway for a Return Material Authorization (RMA) number and shipping information. No returns can be accepted without an RMA. If factory return is required, the customer assumes all shipping costs, including insurance, to and from factory.

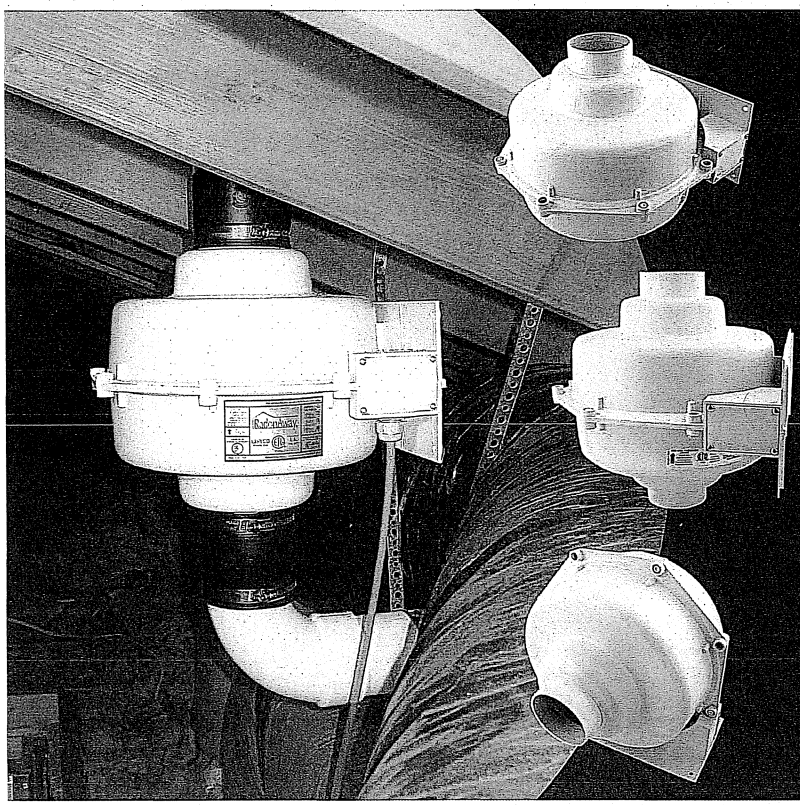
RadonAway® 3 Saber Way
Ward Hill, MA 01835 USA TEL (978) 521-3703
FAX (978) 521-3964
Email to: Returns@RadonAway.com

Record the following information for your records:

Serial Number: _____ Purchase Date: _____

RadonAway™
The world's leading radon fan manufacturer

GP Series



Radon Mitigation Fan

All RadonAway™ fans are specifically designed for radon mitigation. GP Series Fans offer a wide range of performance options that make them ideal for most sub-slab radon mitigation systems.

Features

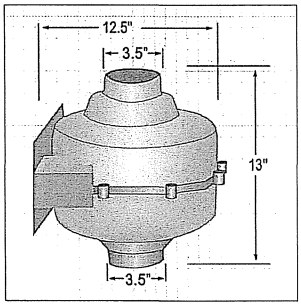
- Quiet operation
- Water-hardened motor
- Seams sealed under negative pressure (to inhibit radon leakage)
- Mounts on duct pipe or with integral flange
- 3″ diameter ducts for use with 3″ or 4″ pipe
- Electrical box for hard wire or plug in
- ETL Listed - for indoor or outdoor use
- 4 interchangeable GP models

MODEL	P/N	FAN DUCT DIAMETER	WATTS	MAX. PRESSURE"WC	TYPICAL CFM vs. STATIC PRESSURE WC						
					1.0"	1.5"	2.0"	2.5"	3.0"	3.5"	4.0"
GP201	23007-1	3"	40-60	2.0	82	58	5	-	-	-	-
GP301	23006-1	3"	55-90	2.6	92	77	45	10	-	-	-
GP401	23009-1	3"	60-110	3.4	93	82	60	40	15	-	-
GP501	23005-1	3"	70-140	4.2	95	87	80	70	57	30	10

Made in USA with US and imported parts

ETL Listed

All RadonAway inline radon fans are covered by our 5-year, hassle-free warranty



For Further Information Contact

9/12
P/N 02002

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

April 03, 2018

Greg Konicek
Konicek Environmental
1032 South Spring St.
Port Washington, WI 53074

RE: Project: Ol' Tyme Cleaners
Pace Project No.: 10424099

Dear Greg Konicek:
Enclosed are the analytical results for sample(s) received by the laboratory on March 19, 2018. 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,

Megan McCabe

Megan McCabe
megan.mccabe@pacelabs.com
(612)607-1700
Project Manager

Enclosures

cc: Ken Konicek, Konicek Environmental
Aaron Lofberg, Konicek Environmental Consulting

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

CERTIFICATIONS

Project: Ol' Tyme Cleaners
Pace Project No.: 10424099

Minnesota Certification IDs

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414-2485
A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #:MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: MN00064
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon NwTPH Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DW Certification #: 9952 C
West Virginia DEP Certification #: 382
Wisconsin Certification #: 999407970

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

SAMPLE SUMMARY

Project: Ol' Tyme Cleaners
Pace Project No.: 10424099

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10424099001	**V-5**	Air	03/16/18 11:18	03/19/18 11:20

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

SAMPLE ANALYTE COUNT

Project: Ol' Tyme Cleaners
Pace Project No.: 10424099

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10424099001	**V-5**	TO-15	MJL	5	PASI-M

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

ANALYTICAL RESULTS

Project: Ol' Tyme Cleaners
Pace Project No.: 10424099

Sample: V-5 **Lab ID: 10424099001** Collected: 03/16/18 11:18 Received: 03/19/18 11:20 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
cis-1,2-Dichloroethene	**<0.61**	ug/m3	1.4	0.61	1.79		04/02/18 20:00	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/m3	1.4	0.53	1.79		04/02/18 20:00	156-60-5	
Tetrachloroethene	**0.64J**	ug/m3	1.2	0.51	1.79		04/02/18 20:00	127-18-4	
Trichloroethene	**0.81J**	ug/m3	0.98	0.48	1.79		04/02/18 20:00	79-01-6	
Vinyl chloride	**<0.23**	ug/m3	0.47	0.23	1.79		04/02/18 20:00	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Ol' Tyme Cleaners
Pace Project No.: 10424099

QC Batch: 530111 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10424099001

METHOD BLANK: 2877562 Matrix: Air
Associated Lab Samples: 10424099001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/m3	<0.34	0.81	04/02/18 09:35	
Tetrachloroethene	ug/m3	<0.29	0.69	04/02/18 09:35	
trans-1,2-Dichloroethene	ug/m3	<0.30	0.81	04/02/18 09:35	
Trichloroethene	ug/m3	<0.27	0.55	04/02/18 09:35	
Vinyl chloride	ug/m3	<0.13	0.26	04/02/18 09:35	

LABORATORY CONTROL SAMPLE: 2877563

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/m3	40.3	40.4	100	70-136	
Tetrachloroethene	ug/m3	68.9	65.2	95	70-133	
trans-1,2-Dichloroethene	ug/m3	40.3	39.2	97	70-132	
Trichloroethene	ug/m3	54.6	54.3	99	70-135	
Vinyl chloride	ug/m3	26	27.6	106	70-141	

SAMPLE DUPLICATE: 2878432

Parameter	Units	10424488003 Result	Dup Result	RPD	Max RPD	Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	<2.5		25	
Tetrachloroethene	ug/m3	ND	<2.1		25	
trans-1,2-Dichloroethene	ug/m3	ND	<2.1		25	
Trichloroethene	ug/m3	ND	<1.9		25	
Vinyl chloride	ug/m3	ND	<0.91		25	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical®
www.pacelabs.com

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

QUALIFIERS

Project: Ol' Tyme Cleaners
Pace Project No.: 10424099

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Ol' Tyme Cleaners
Pace Project No.: 10424099

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10424099001	**V-5**	TO-15	530111		

Pace Analytical®
www.pacelabs.com

AIR: CHAIN-OF-CUSTODY

The Chain-of-Custody is a LEGAL DOCUMENT. All releva

WO# : 10424099

10424099

31862

Page: of

Section A Required Client Information:

Company: Konicek Environmental
Address: 1032 S. Spring St
Port Washington
Email To: alotberg12@gmail.com
Phone: (262) 284-2557 Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Greg Konicek
Copy To:
Purchase Order No.:
Project Name: 01 Tyme Cleaners
Project Number:

Section C Invoice Information:

Attention:
Company Name: Same
Address:
Pace Quote Reference:
Pace Project Manager/Sales Rep.
Pace Profile #: 9454

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

Location of Sampling by State

Reporting Units
ug/m³ mg/m³
PPBV PPMV
Other

Report Level II. III. IV. Other

Section D Required Client Information

Valid Media Codes

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

ITEM #	AIR SAMPLE ID (Sample IDs MUST BE UNIQUE)	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE - END/GRAB DATE	COLLECTED COMPOSITE - END/GRAB TIME	Canister Pressure (Initial Field - in Hg)	Canister Pressure (Final Field - in Hg)	Summa Can Number	Flow Control Number	Method: PM10	3C - Fixed Gas (%)	TO-3 BTEX	TO-3M (Methane)	TO-14	TO-15 Full List VOCs	TO-15 Short List BTEX	TO-15 Short List Chlorinated	TO-15 Short List (other)	Pace Lab ID
1	V-5	6LC		3/16/18	10:48	3/16/18	11:18	29	8	5611	1149							X			001
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Comments :

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Aaron Hoberg	3/16/18	1:09		3-16-18	1120

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Aaron Hoberg

SIGNATURE of SAMPLER: Aaron Hoberg

DATE Signed (MM / DD / YY): 03/16/18

ORIGINAL

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

Pace Analytical	Document Name: Air Sample Condition Upon Receipt	Document Revised: 28Dec2017 Page 1 of 1
	Document No.: F-MN-A-106-rev.14	Issuing Authority: Pace Minnesota Quality Office

Air Sample Condition Upon Receipt

Client Name: Konicek Env.

Project #: WO#: 10424099

PM: MEM1 Due Date: 04/02/18

CLIENT: Konicek Env

Courier: ☑ Fed Ex ☐ UPS ☐ Speedee ☐ Client ☐ Commercial ☐ Pace ☐ Other:

Tracking Number: 7476 3006 0252

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

Optional: Proj. Due Date: Proj. Name:

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

Temp. (TO17 and TO13 samples only) (°C): X Corrected Temp (°C): X Thermom. Used: ☐ 151401163 ☐ G87A9155100842

Temp should be above freezing to 6°C Correction Factor: X Date & Initials of Person Examining Contents: 3-19-18 MA

Type of Ice Received ☐ Blue ☐ Wet ☑ None

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

Samples Received: Pressure Gauge # 10AIR26

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
V-5			-7.5	+5					

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

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Megan McCabe Date: 3/20/18

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

TO-15 Shortlist Chlorinated ~~CVOC~~

cis-1,2-Dichloroethene
trans-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

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

April 11, 2018

Aaron Lofburg
Konicek Environmental Consulting LLC
1032 S. Spring Street
Port Washington, WI 53074

RE: Project: 1508077 OL'TYME CLEANERS
Pace Project No.: 40166667

Dear Aaron Lofburg:
Enclosed are the analytical results for sample(s) received by the laboratory on March 29, 2018. 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: Greg Konicek, KONICEK ENVIRONMENTAL
Ken Konicek, KONICEK ENVIRONMENTAL

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

CERTIFICATIONS

Project: 1508077 OL'TYME CLEANERS
Pace Project No.: 40166667

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

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

SAMPLE SUMMARY

Project: 1508077 OL'TYME CLEANERS
Pace Project No.: 40166667

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40166667001	**MW-9 2-4'**	Solid	03/28/18 09:50	03/29/18 15:35
40166667002	**MW-9 9-10'**	Solid	03/28/18 10:00	03/29/18 15:35
40166667003	**MW-11 2-4'**	Solid	03/28/18 09:15	03/29/18 15:35
40166667004	**MW-11 11-12'**	Solid	03/28/18 09:20	03/29/18 15:35
40166667005	**TRIP**	Solid	03/28/18 00:00	03/29/18 15:35

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

SAMPLE ANALYTE COUNT

Project: 1508077 OL'TYME CLEANERS
Pace Project No.: 40166667

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40166667001	**MW-9 2-4'**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	DXS	1	PASI-G
40166667002	**MW-9 9-10'**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	DXS	1	PASI-G
40166667003	**MW-11 2-4'**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	DXS	1	PASI-G
40166667004	**MW-11 11-12'**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	DXS	1	PASI-G
40166667005	**TRIP**	EPA 8260	SMT	64	PASI-G

Pace Analytical®
www.pacelabs.com

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

ANALYTICAL RESULTS

Project: 1508077 OL'TYME CLEANERS
Pace Project No.: 40166667

Sample: MW-9 2-4' **Lab ID: 40166667001** Collected: 03/28/18 09:50 Received: 03/29/18 15:35 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	04/02/18 08:15	04/02/18 20:40	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	04/02/18 08:15	04/02/18 20:40	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	04/02/18 08:15	04/02/18 20:40	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	04/02/18 08:15	04/02/18 20:40	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	04/02/18 08:15	04/02/18 20:40	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1508077 OL'TYME CLEANERS
Pace Project No.: 40166667

Sample: MW-9 2-4' **Lab ID: 40166667001** Collected: 03/28/18 09:50 Received: 03/29/18 15:35 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	04/02/18 08:15	04/02/18 20:40	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	04/02/18 08:15	04/02/18 20:40	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 20:40	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	105	%	68-130		1	04/02/18 08:15	04/02/18 20:40	1868-53-7	
Toluene-d8 (S)	107	%	68-149		1	04/02/18 08:15	04/02/18 20:40	2037-26-5	
4-Bromofluorobenzene (S)	91	%	58-141		1	04/02/18 08:15	04/02/18 20:40	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**5.5**	%	0.10	0.10	1		04/10/18 17:23		

REPORT OF LABORATORY ANALYSIS

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1241 Bellevue Street - Suite 9
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(920)469-2436

ANALYTICAL RESULTS

Project: 1508077 OL'TYME CLEANERS
Pace Project No.: 40166667

Sample: MW-9 9-10' **Lab ID: 40166667002** Collected: 03/28/18 10:00 Received: 03/29/18 15:35 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	71-43-2	W
Bromobenzene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	108-86-1	W
Bromochloromethane	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	74-97-5	W
Bromodichloromethane	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	75-27-4	W
Bromoform	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	75-25-2	W
Bromomethane	**<72.8**	ug/kg	260	72.8	1	04/02/18 08:15	04/02/18 21:03	74-83-9	W
n-Butylbenzene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	104-51-8	W
sec-Butylbenzene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	135-98-8	W
tert-Butylbenzene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	98-06-6	W
Carbon tetrachloride	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	56-23-5	W
Chlorobenzene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	108-90-7	W
Chloroethane	**<69.8**	ug/kg	260	69.8	1	04/02/18 08:15	04/02/18 21:03	75-00-3	W
Chloroform	**<48.4**	ug/kg	260	48.4	1	04/02/18 08:15	04/02/18 21:03	67-66-3	W
Chloromethane	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	74-87-3	W
2-Chlorotoluene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	95-49-8	W
4-Chlorotoluene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	106-43-4	W
1,2-Dibromo-3-chloropropane	**<95.0**	ug/kg	260	95.0	1	04/02/18 08:15	04/02/18 21:03	96-12-8	W
Dibromochloromethane	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	124-48-1	W
1,2-Dibromoethane (EDB)	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	106-93-4	W
Dibromomethane	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	74-95-3	W
1,2-Dichlorobenzene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	95-50-1	W
1,3-Dichlorobenzene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	541-73-1	W
1,4-Dichlorobenzene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	106-46-7	W
Dichlorodifluoromethane	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	75-71-8	W
1,1-Dichloroethane	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	75-34-3	W
1,2-Dichloroethane	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	107-06-2	W
1,1-Dichloroethene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	75-35-4	W
cis-1,2-Dichloroethene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	156-59-2	W
trans-1,2-Dichloroethene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	156-60-5	W
1,2-Dichloropropane	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	78-87-5	W
1,3-Dichloropropane	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	142-28-9	W
2,2-Dichloropropane	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	594-20-7	W
1,1-Dichloropropene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	563-58-6	W
cis-1,3-Dichloropropene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	10061-01-5	W
trans-1,3-Dichloropropene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	10061-02-6	W
Diisopropyl ether	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	108-20-3	W
Ethylbenzene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	100-41-4	W
Hexachloro-1,3-butadiene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	87-68-3	W
Isopropylbenzene (Cumene)	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	98-82-8	W
p-Isopropyltoluene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	99-87-6	W
Methylene Chloride	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	75-09-2	W
Methyl-tert-butyl ether	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	1634-04-4	W
Naphthalene	**<41.7**	ug/kg	260	41.7	1	04/02/18 08:15	04/02/18 21:03	91-20-3	W
n-Propylbenzene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	103-65-1	W
Styrene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1508077 OL'TYME CLEANERS
Pace Project No.: 40166667

Sample: MW-9 9-10' **Lab ID: 40166667002** Collected: 03/28/18 10:00 Received: 03/29/18 15:35 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	630-20-6	W
1,1,2,2-Tetrachloroethane	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	79-34-5	W
Tetrachloroethene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	127-18-4	W
Toluene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	108-88-3	W
1,2,3-Trichlorobenzene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	87-61-6	W
1,2,4-Trichlorobenzene	**<49.5**	ug/kg	260	49.5	1	04/02/18 08:15	04/02/18 21:03	120-82-1	W
1,1,1-Trichloroethane	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	71-55-6	W
1,1,2-Trichloroethane	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	79-00-5	W
Trichloroethene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	79-01-6	W
Trichlorofluoromethane	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	75-69-4	W
1,2,3-Trichloropropane	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	96-18-4	W
1,2,4-Trimethylbenzene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	95-63-6	W
1,3,5-Trimethylbenzene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	108-67-8	W
Vinyl chloride	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	75-01-4	W
m&p-Xylene	**<52.1**	ug/kg	125	52.1	1	04/02/18 08:15	04/02/18 21:03	179601-23-1	W
o-Xylene	**<26.0**	ug/kg	62.5	26.0	1	04/02/18 08:15	04/02/18 21:03	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	106	%	68-130		1	04/02/18 08:15	04/02/18 21:03	1868-53-7	
Toluene-d8 (S)	108	%	68-149		1	04/02/18 08:15	04/02/18 21:03	2037-26-5	
4-Bromofluorobenzene (S)	92	%	58-141		1	04/02/18 08:15	04/02/18 21:03	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.5**	%	0.10	0.10	1		04/10/18 17:23		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1508077 OL'TYME CLEANERS
Pace Project No.: 40166667

Sample: MW-11 2-4' **Lab ID: 40166667003** Collected: 03/28/18 09:15 Received: 03/29/18 15:35 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	04/02/18 08:15	04/02/18 21:25	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	04/02/18 08:15	04/02/18 21:25	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	04/02/18 08:15	04/02/18 21:25	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	04/02/18 08:15	04/02/18 21:25	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	04/02/18 08:15	04/02/18 21:25	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1508077 OL'TYME CLEANERS
Pace Project No.: 40166667

Sample: MW-11 2-4' **Lab ID: 40166667003** Collected: 03/28/18 09:15 Received: 03/29/18 15:35 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	04/02/18 08:15	04/02/18 21:25	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	04/02/18 08:15	04/02/18 21:25	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 21:25	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	106	%	68-130		1	04/02/18 08:15	04/02/18 21:25	1868-53-7	
Toluene-d8 (S)	107	%	68-149		1	04/02/18 08:15	04/02/18 21:25	2037-26-5	
4-Bromofluorobenzene (S)	90	%	58-141		1	04/02/18 08:15	04/02/18 21:25	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**6.4**	%	0.10	0.10	1		04/10/18 17:23		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1508077 OL'TYME CLEANERS
Pace Project No.: 40166667

Sample: MW-11 11-12' **Lab ID: 40166667004** Collected: 03/28/18 09:20 Received: 03/29/18 15:35 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	04/02/18 08:15	04/03/18 09:45	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	04/02/18 08:15	04/03/18 09:45	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	04/02/18 08:15	04/03/18 09:45	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	04/02/18 08:15	04/03/18 09:45	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	04/02/18 08:15	04/03/18 09:45	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	100-42-5	W

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ANALYTICAL RESULTS

Project: 1508077 OL'TYME CLEANERS
Pace Project No.: 40166667

Sample: MW-11 11-12' **Lab ID: 40166667004** Collected: 03/28/18 09:20 Received: 03/29/18 15:35 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	04/02/18 08:15	04/03/18 09:45	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	04/02/18 08:15	04/03/18 09:45	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/03/18 09:45	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	84	%	68-130		1	04/02/18 08:15	04/03/18 09:45	1868-53-7	
Toluene-d8 (S)	87	%	68-149		1	04/02/18 08:15	04/03/18 09:45	2037-26-5	
4-Bromofluorobenzene (S)	74	%	58-141		1	04/02/18 08:15	04/03/18 09:45	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.8**	%	0.10	0.10	1		04/10/18 17:23		

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ANALYTICAL RESULTS

Project: 1508077 OL'TYME CLEANERS
Pace Project No.: 40166667

Sample: TRIP **Lab ID: 40166667005** Collected: 03/28/18 00:00 Received: 03/29/18 15:35 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	04/02/18 08:15	04/02/18 15:02	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	04/02/18 08:15	04/02/18 15:02	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	04/02/18 08:15	04/02/18 15:02	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	04/02/18 08:15	04/02/18 15:02	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	04/02/18 08:15	04/02/18 15:02	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1508077 OL'TYME CLEANERS
Pace Project No.: 40166667

Sample: TRIP **Lab ID: 40166667005** Collected: 03/28/18 00:00 Received: 03/29/18 15:35 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	04/02/18 08:15	04/02/18 15:02	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	04/02/18 08:15	04/02/18 15:02	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	04/02/18 08:15	04/02/18 15:02	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	87	%	68-130		1	04/02/18 08:15	04/02/18 15:02	1868-53-7	
Toluene-d8 (S)	88	%	68-149		1	04/02/18 08:15	04/02/18 15:02	2037-26-5	
4-Bromofluorobenzene (S)	88	%	58-141		1	04/02/18 08:15	04/02/18 15:02	460-00-4	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1508077 OL'TYME CLEANERS
Pace Project No.: 40166667

QC Batch: 284894 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40166667001, 40166667002, 40166667003, 40166667004, 40166667005

METHOD BLANK: 1667691 Matrix: Solid
Associated Lab Samples: 40166667001, 40166667002, 40166667003, 40166667004, 40166667005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	04/02/18 11:31	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	04/02/18 11:31	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	04/02/18 11:31	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	04/02/18 11:31	
1,1-Dichloroethane	ug/kg	<17.6	50.0	04/02/18 11:31	
1,1-Dichloroethene	ug/kg	<17.6	50.0	04/02/18 11:31	
1,1-Dichloropropene	ug/kg	<14.0	50.0	04/02/18 11:31	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	04/02/18 11:31	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	04/02/18 11:31	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	04/02/18 11:31	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	04/02/18 11:31	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	04/02/18 11:31	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	04/02/18 11:31	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	04/02/18 11:31	
1,2-Dichloroethane	ug/kg	<15.0	50.0	04/02/18 11:31	
1,2-Dichloropropane	ug/kg	<16.8	50.0	04/02/18 11:31	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	04/02/18 11:31	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	04/02/18 11:31	
1,3-Dichloropropane	ug/kg	<12.0	50.0	04/02/18 11:31	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	04/02/18 11:31	
2,2-Dichloropropane	ug/kg	<12.6	50.0	04/02/18 11:31	
2-Chlorotoluene	ug/kg	<15.8	50.0	04/02/18 11:31	
4-Chlorotoluene	ug/kg	<13.0	50.0	04/02/18 11:31	
Benzene	ug/kg	<9.2	20.0	04/02/18 11:31	
Bromobenzene	ug/kg	<20.6	50.0	04/02/18 11:31	
Bromochloromethane	ug/kg	<21.4	50.0	04/02/18 11:31	
Bromodichloromethane	ug/kg	<9.8	50.0	04/02/18 11:31	
Bromoform	ug/kg	<19.8	50.0	04/02/18 11:31	
Bromomethane	ug/kg	<69.9	250	04/02/18 11:31	
Carbon tetrachloride	ug/kg	<12.1	50.0	04/02/18 11:31	
Chlorobenzene	ug/kg	<14.8	50.0	04/02/18 11:31	
Chloroethane	ug/kg	<67.0	250	04/02/18 11:31	
Chloroform	ug/kg	<46.4	250	04/02/18 11:31	
Chloromethane	ug/kg	<20.4	50.0	04/02/18 11:31	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	04/02/18 11:31	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	04/02/18 11:31	
Dibromochloromethane	ug/kg	<17.9	50.0	04/02/18 11:31	
Dibromomethane	ug/kg	<19.3	50.0	04/02/18 11:31	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	04/02/18 11:31	
Diisopropyl ether	ug/kg	<17.7	50.0	04/02/18 11:31	
Ethylbenzene	ug/kg	<12.4	50.0	04/02/18 11:31	

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REPORT OF LABORATORY ANALYSIS

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Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 1508077 OL'TYME CLEANERS
Pace Project No.: 40166667

METHOD BLANK: 1667691 Matrix: Solid
Associated Lab Samples: 40166667001, 40166667002, 40166667003, 40166667004, 40166667005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	27.0J	50.0	04/02/18 11:31	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	04/02/18 11:31	
m&p-Xylene	ug/kg	<34.4	100	04/02/18 11:31	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	04/02/18 11:31	
Methylene Chloride	ug/kg	<16.2	50.0	04/02/18 11:31	
n-Butylbenzene	ug/kg	10.6J	50.0	04/02/18 11:31	
n-Propylbenzene	ug/kg	<11.6	50.0	04/02/18 11:31	
Naphthalene	ug/kg	<40.0	250	04/02/18 11:31	
o-Xylene	ug/kg	<14.0	50.0	04/02/18 11:31	
p-Isopropyltoluene	ug/kg	<12.0	50.0	04/02/18 11:31	
sec-Butylbenzene	ug/kg	<11.9	50.0	04/02/18 11:31	
Styrene	ug/kg	<9.0	50.0	04/02/18 11:31	
tert-Butylbenzene	ug/kg	<9.5	50.0	04/02/18 11:31	
Tetrachloroethene	ug/kg	<12.9	50.0	04/02/18 11:31	
Toluene	ug/kg	<11.2	50.0	04/02/18 11:31	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	04/02/18 11:31	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	04/02/18 11:31	
Trichloroethene	ug/kg	<23.6	50.0	04/02/18 11:31	
Trichlorofluoromethane	ug/kg	<24.7	50.0	04/02/18 11:31	
Vinyl chloride	ug/kg	<21.1	50.0	04/02/18 11:31	
4-Bromofluorobenzene (S)	%	81	58-141	04/02/18 11:31	
Dibromofluoromethane (S)	%	93	68-130	04/02/18 11:31	
Toluene-d8 (S)	%	96	68-149	04/02/18 11:31	

LABORATORY CONTROL SAMPLE: 1667692

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2240	89	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2160	87	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2340	93	70-130	
1,1-Dichloroethane	ug/kg	2500	2220	89	63-124	
1,1-Dichloroethene	ug/kg	2500	2470	99	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	2060	82	78-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	1950	78	49-140	
1,2-Dibromoethane (EDB)	ug/kg	2500	2460	98	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2350	94	70-130	
1,2-Dichloroethane	ug/kg	2500	2400	96	56-135	
1,2-Dichloropropane	ug/kg	2500	2290	92	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2290	91	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2230	89	70-130	
Benzene	ug/kg	2500	2100	84	66-130	
Bromodichloromethane	ug/kg	2500	2320	93	62-135	
Bromoform	ug/kg	2500	2280	91	68-130	
Bromomethane	ug/kg	2500	2360	94	29-137	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1508077 OL'TYME CLEANERS
Pace Project No.: 40166667

LABORATORY CONTROL SAMPLE: 1667692

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/kg	2500	2330	93	57-130	
Chlorobenzene	ug/kg	2500	2540	102	70-130	
Chloroethane	ug/kg	2500	2640	106	36-144	
Chloroform	ug/kg	2500	2210	88	69-115	
Chloromethane	ug/kg	2500	1690	68	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2090	84	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2180	87	70-130	
Dibromochloromethane	ug/kg	2500	2450	98	70-130	
Dichlorodifluoromethane	ug/kg	2500	1600	64	10-99	
Ethylbenzene	ug/kg	2500	2260	91	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2210	88	70-130	
m&p-Xylene	ug/kg	5000	4750	95	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2150	86	63-134	
Methylene Chloride	ug/kg	2500	2000	80	56-123	
o-Xylene	ug/kg	2500	2270	91	70-130	
Styrene	ug/kg	2500	2290	92	70-130	
Tetrachloroethene	ug/kg	2500	2430	97	70-131	
Toluene	ug/kg	2500	2340	94	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2370	95	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2360	94	68-130	
Trichloroethene	ug/kg	2500	2350	94	70-130	
Trichlorofluoromethane	ug/kg	2500	2310	92	37-149	
Vinyl chloride	ug/kg	2500	2070	83	43-128	
4-Bromofluorobenzene (S)	%			86	58-141	
Dibromofluoromethane (S)	%			89	68-130	
Toluene-d8 (S)	%			94	68-149	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1667693 1667694

Parameter	Units	40166721002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<25.0	1510	1520	1360	1340	90	88	57-123	2	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	1510	1520	1400	1420	93	93	73-135	1	20	
1,1,2-Trichloroethane	ug/kg	<25.0	1510	1520	1460	1460	96	96	70-130	1	20	
1,1-Dichloroethane	ug/kg	<25.0	1510	1520	1390	1370	92	90	63-124	2	20	
1,1-Dichloroethene	ug/kg	<25.0	1510	1520	1500	1510	99	99	48-117	1	23	
1,2,4-Trichlorobenzene	ug/kg	<47.6	1510	1520	1480	1420	98	93	78-145	5	20	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	1510	1520	1240	1300	82	86	38-168	5	22	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	1510	1520	1520	1500	100	98	70-130	1	20	
1,2-Dichlorobenzene	ug/kg	<25.0	1510	1520	1550	1510	103	99	70-130	3	20	
1,2-Dichloroethane	ug/kg	<25.0	1510	1520	1500	1500	99	99	56-145	0	20	
1,2-Dichloropropane	ug/kg	<25.0	1510	1520	1400	1390	92	92	77-123	0	20	
1,3-Dichlorobenzene	ug/kg	<25.0	1510	1520	1500	1480	99	97	70-130	2	20	
1,4-Dichlorobenzene	ug/kg	<25.0	1510	1520	1460	1450	97	95	70-130	1	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1508077 OL'TYME CLEANERS
Pace Project No.: 40166667

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1667693 1667694

Parameter	Units	40166721002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	<25.0	1510	1520	1290	1270	85	83	65-130	2	20	
Bromodichloromethane	ug/kg	<25.0	1510	1520	1410	1400	93	92	59-141	1	20	
Bromoform	ug/kg	<25.0	1510	1520	1470	1430	97	94	59-141	2	20	
Bromomethane	ug/kg	<69.9	1510	1520	1490	1370	98	90	28-139	8	20	
Carbon tetrachloride	ug/kg	<25.0	1510	1520	1440	1420	95	93	50-130	2	20	
Chlorobenzene	ug/kg	<25.0	1510	1520	1620	1590	107	105	70-130	2	20	
Chloroethane	ug/kg	<67.0	1510	1520	1690	1680	112	111	36-144	0	20	
Chloroform	ug/kg	<46.4	1510	1520	1380	1360	91	89	68-122	1	20	
Chloromethane	ug/kg	<25.0	1510	1520	1030	1050	68	69	30-126	2	20	
cis-1,2-Dichloroethene	ug/kg	<25.0	1510	1520	1280	1290	85	85	63-130	1	20	
cis-1,3-Dichloropropene	ug/kg	<25.0	1510	1520	1310	1310	86	86	70-130	1	20	
Dibromochloromethane	ug/kg	<25.0	1510	1520	1470	1480	98	97	66-136	0	20	
Dichlorodifluoromethane	ug/kg	<25.0	1510	1520	832	900	55	59	10-99	8	33	
Ethylbenzene	ug/kg	<25.0	1510	1520	1410	1370	93	90	80-122	2	20	
Isopropylbenzene (Cumene)	ug/kg	<25.0	1510	1520	1400	1370	93	90	70-130	2	20	
m&p-Xylene	ug/kg	<50.0	3020	3050	2960	2920	98	96	70-130	1	20	
Methyl-tert-butyl ether	ug/kg	<25.0	1510	1520	1380	1380	91	91	63-134	0	20	
Methylene Chloride	ug/kg	<25.0	1510	1520	1290	1260	85	83	56-127	2	20	
o-Xylene	ug/kg	<25.0	1510	1520	1410	1380	93	90	70-130	2	20	
Styrene	ug/kg	<25.0	1510	1520	1390	1360	92	89	70-130	3	20	
Tetrachloroethene	ug/kg	<25.0	1510	1520	1590	1520	105	100	70-131	5	20	
Toluene	ug/kg	<25.0	1510	1520	1470	1430	97	94	80-120	3	20	
trans-1,2-Dichloroethene	ug/kg	<25.0	1510	1520	1450	1420	96	94	60-130	2	20	
trans-1,3-Dichloropropene	ug/kg	<25.0	1510	1520	1410	1370	94	90	68-130	3	20	
Trichloroethene	ug/kg	<25.0	1510	1520	1490	1470	98	96	70-130	1	20	
Trichlorofluoromethane	ug/kg	<25.0	1510	1520	1390	1370	92	90	37-149	2	24	
Vinyl chloride	ug/kg	<25.0	1510	1520	1230	1240	81	81	39-128	1	20	
4-Bromofluorobenzene (S)	%						88	89	58-141			
Dibromofluoromethane (S)	%						92	90	68-130			1q
Toluene-d8 (S)	%						95	93	68-149			

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1508077 OL'TYME CLEANERS
Pace Project No.: 40166667

QC Batch: 285679 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40166667001, 40166667002, 40166667003, 40166667004

SAMPLE DUPLICATE: 1671648

Parameter	Units	40167219001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.4	7.5	1	10	

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 1508077 OL'TYME CLEANERS
Pace Project No.: 40166667

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

1q	Sample aliquot was taken from 4 oz poly dry weight container with head space and MeOH preserved in the laboratory.
W	Non-detect results are reported on a wet weight basis.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1508077 OL'TYME CLEANERS
Pace Project No.: 40166667

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40166667001	**MW-9 2-4'**	EPA 5035/5030B	284894	EPA 8260	284902
40166667002	**MW-9 9-10'**	EPA 5035/5030B	284894	EPA 8260	284902
40166667003	**MW-11 2-4'**	EPA 5035/5030B	284894	EPA 8260	284902
40166667004	**MW-11 11-12'**	EPA 5035/5030B	284894	EPA 8260	284902
40166667005	**TRIP**	EPA 5035/5030B	284894	EPA 8260	284902
40166667001	**MW-9 2-4'**	ASTM D2974-87	285679		
40166667002	**MW-9 9-10'**	ASTM D2974-87	285679		
40166667003	**MW-11 2-4'**	ASTM D2974-87	285679		
40166667004	**MW-11 11-12'**	ASTM D2974-87	285679		

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

40166667

CHAIN OF CUSTODY

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

(Please Print Clearly)	
Company Name:	KEC
Branch/Location:	Port Washington, WI
Project Contact:	Aaron Loftburg
Phone:	262-284-2557
Project Number:	508077
Project Name:	01' Tyme Cleaners
Project State:	Wisconsin
Sampled By (Print):	Mike Konicek
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	Aaron Loftburg
Mail To Company:	KEC
Mail To Address:	1032 S. Spring St Port Washington, WI 53074
Invoice To Contact:	Same
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: VOC's	% Dry Weight	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	MW-9 2-4'	3/28/18	9:50 am	S	N	F	X	X			
002	MW-9 9-10'		10:00 am				X	X			
003	MW-11 2-4'		9:15 am				X	X			
004	MW-11 11-12'		9:20 am				X	X			
005	Trip						X				

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

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

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
	3/28/18 2:00pm		3/28/18 2pm
	3/28/18 1:13pm		3/29/18 1313
	3/29/18 1535		3/29/18 1535

PACE Project No.: 40166667
Receipt Temp = °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

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

Sample Preservation Receipt Form

Client Name: KEC Project # 40166667

All containers needing preservation have been checked and noted below: ☐Yes ☐No ☑N/A Initial when completed: Date/ Time:

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

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

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

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

Pace Analytical™ 1241 Bellevue Street, Green Bay, WI 54302	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: 31Jan2018
	Document No.: **F-GB-C-031-rev.06**	Issuing Authority: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: WO# : 40166667

40166667

Client Name: KEC

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

Tracking #: _____

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

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

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

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

Cooler Temperature Uncorr: RSR /Corr: _____

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

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

Person examining contents:
Date: 3/29/18
Initials: RS

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume: ☐Yes ☑No ☐N/A MS/MSD	☐Yes ☑No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☐Yes ☑No ☐N/A	12. no collect times on labels RS 3/29/18
-Includes date/time/ID/Analysis Matrix: S		
Trip Blank Present:	☑Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☑Yes ☐No ☐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:** 3/30/18

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

May 08, 2018

Aaron Lofburg
Konicek Environmental Consulting LLC
1032 S. Spring Street
Port Washington, WI 53074

RE: Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Dear Aaron Lofburg:
Enclosed are the analytical results for sample(s) received by the laboratory on May 02, 2018. 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: Greg Konicek, KONICEK ENVIRONMENTAL
Ken Konicek, KONICEK ENVIRONMENTAL

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CERTIFICATIONS

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

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: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40168447001	**MW-1**	Water	05/01/18 00:00	05/02/18 15:05
40168447002	**MW-2**	Water	05/01/18 00:00	05/02/18 15:05
40168447003	**MW-3**	Water	05/01/18 00:00	05/02/18 15:05
40168447004	**MW-4**	Water	05/01/18 00:00	05/02/18 15:05
40168447005	**MW-5**	Water	05/01/18 00:00	05/02/18 15:05
40168447006	**MW-6**	Water	05/01/18 00:00	05/02/18 15:05
40168447007	**MW-7**	Water	05/01/18 00:00	05/02/18 15:05
40168447008	**MW-8**	Water	05/01/18 00:00	05/02/18 15:05
40168447009	**MW-9**	Water	05/01/18 00:00	05/02/18 15:05
40168447010	**MW-10**	Water	05/01/18 00:00	05/02/18 15:05
40168447011	**MW-11**	Water	05/01/18 00:00	05/02/18 15:05
40168447012	**TRIP**	Water	05/01/18 00:00	05/02/18 15:05

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SAMPLE ANALYTE COUNT

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40168447001	**MW-1**	EPA 8260	LAP	64	PASI-G
40168447002	**MW-2**	EPA 8260	HNW	64	PASI-G
40168447003	**MW-3**	EPA 8260	LAP	64	PASI-G
40168447004	**MW-4**	EPA 8260	HNW	64	PASI-G
40168447005	**MW-5**	EPA 8260	HNW	64	PASI-G
40168447006	**MW-6**	EPA 8260	LAP	64	PASI-G
40168447007	**MW-7**	EPA 8260	LAP	64	PASI-G
40168447008	**MW-8**	EPA 8260	LAP	64	PASI-G
40168447009	**MW-9**	EPA 8260	HNW	64	PASI-G
40168447010	**MW-10**	EPA 8260	HNW	64	PASI-G
40168447011	**MW-11**	EPA 8260	LAP	64	PASI-G
40168447012	**TRIP**	EPA 8260	LAP	64	PASI-G

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ANALYTICAL RESULTS

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Sample: MW-1 **Lab ID: 40168447001** Collected: 05/01/18 00:00 Received: 05/02/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 19:54	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		05/07/18 19:54	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		05/07/18 19:54	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 19:54	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		05/07/18 19:54	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		05/07/18 19:54	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 19:54	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		05/07/18 19:54	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		05/07/18 19:54	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		05/07/18 19:54	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 19:54	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		05/07/18 19:54	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		05/07/18 19:54	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 19:54	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 19:54	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		05/07/18 19:54	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		05/07/18 19:54	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 19:54	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		05/07/18 19:54	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		05/07/18 19:54	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 19:54	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 19:54	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 19:54	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		05/07/18 19:54	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		05/07/18 19:54	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		05/07/18 19:54	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		05/07/18 19:54	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		05/07/18 19:54	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		05/07/18 19:54	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		05/07/18 19:54	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 19:54	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		05/07/18 19:54	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		05/07/18 19:54	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 19:54	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		05/07/18 19:54	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		05/07/18 19:54	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 19:54	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		05/07/18 19:54	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		05/07/18 19:54	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 19:54	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		05/07/18 19:54	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		05/07/18 19:54	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		05/07/18 19:54	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 19:54	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 19:54	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		05/07/18 19:54	630-20-6	

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ANALYTICAL RESULTS

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Sample: MW-1 **Lab ID: 40168447001** Collected: 05/01/18 00:00 Received: 05/02/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		05/07/18 19:54	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 19:54	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 19:54	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		05/07/18 19:54	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		05/07/18 19:54	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 19:54	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		05/07/18 19:54	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		05/07/18 19:54	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		05/07/18 19:54	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 19:54	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 19:54	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 19:54	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		05/07/18 19:54	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		05/07/18 19:54	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 19:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	61-130		1		05/07/18 19:54	460-00-4	
Dibromofluoromethane (S)	104	%	67-130		1		05/07/18 19:54	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		05/07/18 19:54	2037-26-5	

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ANALYTICAL RESULTS

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Sample: MW-2 **Lab ID: 40168447002** Collected: 05/01/18 00:00 Received: 05/02/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		05/04/18 09:27	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		05/04/18 09:27	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		05/04/18 09:27	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		05/04/18 09:27	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		05/04/18 09:27	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		05/04/18 09:27	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/04/18 09:27	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		05/04/18 09:27	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		05/04/18 09:27	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		05/04/18 09:27	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/04/18 09:27	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		05/04/18 09:27	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		05/04/18 09:27	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		05/04/18 09:27	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		05/04/18 09:27	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		05/04/18 09:27	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		05/04/18 09:27	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		05/04/18 09:27	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		05/04/18 09:27	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		05/04/18 09:27	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/04/18 09:27	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/04/18 09:27	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/04/18 09:27	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		05/04/18 09:27	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		05/04/18 09:27	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		05/04/18 09:27	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		05/04/18 09:27	75-35-4	
cis-1,2-Dichloroethene	**7.4**	ug/L	1.0	0.26	1		05/04/18 09:27	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		05/04/18 09:27	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		05/04/18 09:27	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/04/18 09:27	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		05/04/18 09:27	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		05/04/18 09:27	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		05/04/18 09:27	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		05/04/18 09:27	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		05/04/18 09:27	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/04/18 09:27	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		05/04/18 09:27	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		05/04/18 09:27	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		05/04/18 09:27	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		05/04/18 09:27	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		05/04/18 09:27	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		05/04/18 09:27	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/04/18 09:27	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		05/04/18 09:27	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		05/04/18 09:27	630-20-6	

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ANALYTICAL RESULTS

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Sample: MW-2 **Lab ID: 40168447002** Collected: 05/01/18 00:00 Received: 05/02/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		05/04/18 09:27	79-34-5	
Tetrachloroethene	**7.4**	ug/L	1.0	0.50	1		05/04/18 09:27	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		05/04/18 09:27	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		05/04/18 09:27	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		05/04/18 09:27	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		05/04/18 09:27	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		05/04/18 09:27	79-00-5	
Trichloroethene	**9.5**	ug/L	1.0	0.33	1		05/04/18 09:27	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		05/04/18 09:27	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/04/18 09:27	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/04/18 09:27	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/04/18 09:27	108-67-8	
Vinyl chloride	**0.50J**	ug/L	1.0	0.18	1		05/04/18 09:27	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		05/04/18 09:27	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		05/04/18 09:27	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	61-130		1		05/04/18 09:27	460-00-4	
Dibromofluoromethane (S)	97	%	67-130		1		05/04/18 09:27	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		05/04/18 09:27	2037-26-5	

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ANALYTICAL RESULTS

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Sample: MW-3 **Lab ID: 40168447003** Collected: 05/01/18 00:00 Received: 05/02/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:16	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		05/07/18 20:16	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		05/07/18 20:16	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:16	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:16	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		05/07/18 20:16	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:16	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		05/07/18 20:16	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		05/07/18 20:16	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:16	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:16	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		05/07/18 20:16	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		05/07/18 20:16	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:16	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:16	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		05/07/18 20:16	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		05/07/18 20:16	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:16	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		05/07/18 20:16	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		05/07/18 20:16	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:16	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:16	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:16	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		05/07/18 20:16	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		05/07/18 20:16	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		05/07/18 20:16	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		05/07/18 20:16	75-35-4	
cis-1,2-Dichloroethene	**40.1**	ug/L	1.0	0.26	1		05/07/18 20:16	156-59-2	
trans-1,2-Dichloroethene	**0.77J**	ug/L	1.0	0.26	1		05/07/18 20:16	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		05/07/18 20:16	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:16	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		05/07/18 20:16	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		05/07/18 20:16	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:16	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		05/07/18 20:16	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:16	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:16	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		05/07/18 20:16	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		05/07/18 20:16	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:16	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		05/07/18 20:16	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		05/07/18 20:16	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		05/07/18 20:16	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:16	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:16	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		05/07/18 20:16	630-20-6	

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ANALYTICAL RESULTS

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Sample: MW-3 **Lab ID: 40168447003** Collected: 05/01/18 00:00 Received: 05/02/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		05/07/18 20:16	79-34-5	
Tetrachloroethene	**59.3**	ug/L	1.0	0.50	1		05/07/18 20:16	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:16	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		05/07/18 20:16	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		05/07/18 20:16	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:16	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		05/07/18 20:16	79-00-5	
Trichloroethene	**60.7**	ug/L	1.0	0.33	1		05/07/18 20:16	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		05/07/18 20:16	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:16	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:16	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:16	108-67-8	
Vinyl chloride	**1.9**	ug/L	1.0	0.18	1		05/07/18 20:16	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		05/07/18 20:16	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:16	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	61-130		1		05/07/18 20:16	460-00-4	
Dibromofluoromethane (S)	98	%	67-130		1		05/07/18 20:16	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		05/07/18 20:16	2037-26-5	

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ANALYTICAL RESULTS

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Sample: MW-4 **Lab ID: 40168447004** Collected: 05/01/18 00:00 Received: 05/02/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:27	71-43-2	
Bromobenzene	**<9.2**	ug/L	40.0	9.2	40		05/04/18 12:27	108-86-1	
Bromochloromethane	**<13.6**	ug/L	40.0	13.6	40		05/04/18 12:27	74-97-5	
Bromodichloromethane	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:27	75-27-4	
Bromoform	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:27	75-25-2	
Bromomethane	**<97.4**	ug/L	200	97.4	40		05/04/18 12:27	74-83-9	
n-Butylbenzene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:27	104-51-8	
sec-Butylbenzene	**<87.4**	ug/L	200	87.4	40		05/04/18 12:27	135-98-8	
tert-Butylbenzene	**<7.2**	ug/L	40.0	7.2	40		05/04/18 12:27	98-06-6	
Carbon tetrachloride	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:27	56-23-5	
Chlorobenzene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:27	108-90-7	
Chloroethane	**<15.0**	ug/L	40.0	15.0	40		05/04/18 12:27	75-00-3	
Chloroform	**<100**	ug/L	200	100	40		05/04/18 12:27	67-66-3	
Chloromethane	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:27	74-87-3	
2-Chlorotoluene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:27	95-49-8	
4-Chlorotoluene	**<8.5**	ug/L	40.0	8.5	40		05/04/18 12:27	106-43-4	
1,2-Dibromo-3-chloropropane	**<86.6**	ug/L	200	86.6	40		05/04/18 12:27	96-12-8	
Dibromochloromethane	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:27	124-48-1	
1,2-Dibromoethane (EDB)	**<7.1**	ug/L	40.0	7.1	40		05/04/18 12:27	106-93-4	
Dibromomethane	**<17.1**	ug/L	40.0	17.1	40		05/04/18 12:27	74-95-3	
1,2-Dichlorobenzene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:27	95-50-1	
1,3-Dichlorobenzene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:27	541-73-1	
1,4-Dichlorobenzene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:27	106-46-7	
Dichlorodifluoromethane	**<9.0**	ug/L	40.0	9.0	40		05/04/18 12:27	75-71-8	
1,1-Dichloroethane	**<9.7**	ug/L	40.0	9.7	40		05/04/18 12:27	75-34-3	
1,2-Dichloroethane	**<6.7**	ug/L	40.0	6.7	40		05/04/18 12:27	107-06-2	
1,1-Dichloroethene	**<16.4**	ug/L	40.0	16.4	40		05/04/18 12:27	75-35-4	
cis-1,2-Dichloroethene	**106**	ug/L	40.0	10.2	40		05/04/18 12:27	156-59-2	
trans-1,2-Dichloroethene	**<10.3**	ug/L	40.0	10.3	40		05/04/18 12:27	156-60-5	
1,2-Dichloropropane	**<9.3**	ug/L	40.0	9.3	40		05/04/18 12:27	78-87-5	
1,3-Dichloropropane	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:27	142-28-9	
2,2-Dichloropropane	**<19.4**	ug/L	40.0	19.4	40		05/04/18 12:27	594-20-7	
1,1-Dichloropropene	**<17.6**	ug/L	40.0	17.6	40		05/04/18 12:27	563-58-6	
cis-1,3-Dichloropropene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:27	10061-01-5	
trans-1,3-Dichloropropene	**<9.2**	ug/L	40.0	9.2	40		05/04/18 12:27	10061-02-6	
Diisopropyl ether	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:27	108-20-3	
Ethylbenzene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:27	100-41-4	
Hexachloro-1,3-butadiene	**<84.2**	ug/L	200	84.2	40		05/04/18 12:27	87-68-3	
Isopropylbenzene (Cumene)	**<5.7**	ug/L	40.0	5.7	40		05/04/18 12:27	98-82-8	
p-Isopropyltoluene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:27	99-87-6	
Methylene Chloride	**<9.3**	ug/L	40.0	9.3	40		05/04/18 12:27	75-09-2	
Methyl-tert-butyl ether	**<7.0**	ug/L	40.0	7.0	40		05/04/18 12:27	1634-04-4	
Naphthalene	**<100**	ug/L	200	100	40		05/04/18 12:27	91-20-3	
n-Propylbenzene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:27	103-65-1	
Styrene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:27	100-42-5	
1,1,1,2-Tetrachloroethane	**<7.2**	ug/L	40.0	7.2	40		05/04/18 12:27	630-20-6	

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ANALYTICAL RESULTS

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Sample: MW-4 **Lab ID: 40168447004** Collected: 05/01/18 00:00 Received: 05/02/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<10**	ug/L	40.0	10	40		05/04/18 12:27	79-34-5	
Tetrachloroethene	**3350**	ug/L	40.0	20.0	40		05/04/18 12:27	127-18-4	
Toluene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:27	108-88-3	
1,2,3-Trichlorobenzene	**<85.3**	ug/L	200	85.3	40		05/04/18 12:27	87-61-6	
1,2,4-Trichlorobenzene	**<88.4**	ug/L	200	88.4	40		05/04/18 12:27	120-82-1	
1,1,1-Trichloroethane	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:27	71-55-6	
1,1,2-Trichloroethane	**<7.9**	ug/L	40.0	7.9	40		05/04/18 12:27	79-00-5	
Trichloroethene	**330**	ug/L	40.0	13.2	40		05/04/18 12:27	79-01-6	
Trichlorofluoromethane	**<7.4**	ug/L	40.0	7.4	40		05/04/18 12:27	75-69-4	
1,2,3-Trichloropropane	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:27	96-18-4	
1,2,4-Trimethylbenzene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:27	95-63-6	
1,3,5-Trimethylbenzene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:27	108-67-8	
Vinyl chloride	**7.4J**	ug/L	40.0	7.0	40		05/04/18 12:27	75-01-4	
m&p-Xylene	**<40.0**	ug/L	80.0	40.0	40		05/04/18 12:27	179601-23-1	
o-Xylene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:27	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	61-130		40		05/04/18 12:27	460-00-4	
Dibromofluoromethane (S)	97	%	67-130		40		05/04/18 12:27	1868-53-7	
Toluene-d8 (S)	93	%	70-130		40		05/04/18 12:27	2037-26-5	

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ANALYTICAL RESULTS

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Sample: MW-5 **Lab ID: 40168447005** Collected: 05/01/18 00:00 Received: 05/02/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:49	71-43-2	
Bromobenzene	**<9.2**	ug/L	40.0	9.2	40		05/04/18 12:49	108-86-1	
Bromochloromethane	**<13.6**	ug/L	40.0	13.6	40		05/04/18 12:49	74-97-5	
Bromodichloromethane	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:49	75-27-4	
Bromoform	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:49	75-25-2	
Bromomethane	**<97.4**	ug/L	200	97.4	40		05/04/18 12:49	74-83-9	
n-Butylbenzene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:49	104-51-8	
sec-Butylbenzene	**<87.4**	ug/L	200	87.4	40		05/04/18 12:49	135-98-8	
tert-Butylbenzene	**<7.2**	ug/L	40.0	7.2	40		05/04/18 12:49	98-06-6	
Carbon tetrachloride	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:49	56-23-5	
Chlorobenzene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:49	108-90-7	
Chloroethane	**<15.0**	ug/L	40.0	15.0	40		05/04/18 12:49	75-00-3	
Chloroform	**<100**	ug/L	200	100	40		05/04/18 12:49	67-66-3	
Chloromethane	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:49	74-87-3	
2-Chlorotoluene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:49	95-49-8	
4-Chlorotoluene	**<8.5**	ug/L	40.0	8.5	40		05/04/18 12:49	106-43-4	
1,2-Dibromo-3-chloropropane	**<86.6**	ug/L	200	86.6	40		05/04/18 12:49	96-12-8	
Dibromochloromethane	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:49	124-48-1	
1,2-Dibromoethane (EDB)	**<7.1**	ug/L	40.0	7.1	40		05/04/18 12:49	106-93-4	
Dibromomethane	**<17.1**	ug/L	40.0	17.1	40		05/04/18 12:49	74-95-3	
1,2-Dichlorobenzene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:49	95-50-1	
1,3-Dichlorobenzene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:49	541-73-1	
1,4-Dichlorobenzene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:49	106-46-7	
Dichlorodifluoromethane	**<9.0**	ug/L	40.0	9.0	40		05/04/18 12:49	75-71-8	
1,1-Dichloroethane	**<9.7**	ug/L	40.0	9.7	40		05/04/18 12:49	75-34-3	
1,2-Dichloroethane	**<6.7**	ug/L	40.0	6.7	40		05/04/18 12:49	107-06-2	
1,1-Dichloroethene	**<16.4**	ug/L	40.0	16.4	40		05/04/18 12:49	75-35-4	
cis-1,2-Dichloroethene	**132**	ug/L	40.0	10.2	40		05/04/18 12:49	156-59-2	
trans-1,2-Dichloroethene	**<10.3**	ug/L	40.0	10.3	40		05/04/18 12:49	156-60-5	
1,2-Dichloropropane	**<9.3**	ug/L	40.0	9.3	40		05/04/18 12:49	78-87-5	
1,3-Dichloropropane	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:49	142-28-9	
2,2-Dichloropropane	**<19.4**	ug/L	40.0	19.4	40		05/04/18 12:49	594-20-7	
1,1-Dichloropropene	**<17.6**	ug/L	40.0	17.6	40		05/04/18 12:49	563-58-6	
cis-1,3-Dichloropropene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:49	10061-01-5	
trans-1,3-Dichloropropene	**<9.2**	ug/L	40.0	9.2	40		05/04/18 12:49	10061-02-6	
Diisopropyl ether	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:49	108-20-3	
Ethylbenzene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:49	100-41-4	
Hexachloro-1,3-butadiene	**<84.2**	ug/L	200	84.2	40		05/04/18 12:49	87-68-3	
Isopropylbenzene (Cumene)	**<5.7**	ug/L	40.0	5.7	40		05/04/18 12:49	98-82-8	
p-Isopropyltoluene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:49	99-87-6	
Methylene Chloride	**<9.3**	ug/L	40.0	9.3	40		05/04/18 12:49	75-09-2	
Methyl-tert-butyl ether	**<7.0**	ug/L	40.0	7.0	40		05/04/18 12:49	1634-04-4	
Naphthalene	**<100**	ug/L	200	100	40		05/04/18 12:49	91-20-3	
n-Propylbenzene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:49	103-65-1	
Styrene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:49	100-42-5	
1,1,1,2-Tetrachloroethane	**<7.2**	ug/L	40.0	7.2	40		05/04/18 12:49	630-20-6	

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ANALYTICAL RESULTS

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Sample: MW-5 **Lab ID: 40168447005** Collected: 05/01/18 00:00 Received: 05/02/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<10**	ug/L	40.0	10	40		05/04/18 12:49	79-34-5	
Tetrachloroethene	**2900**	ug/L	40.0	20.0	40		05/04/18 12:49	127-18-4	
Toluene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:49	108-88-3	
1,2,3-Trichlorobenzene	**<85.3**	ug/L	200	85.3	40		05/04/18 12:49	87-61-6	
1,2,4-Trichlorobenzene	**<88.4**	ug/L	200	88.4	40		05/04/18 12:49	120-82-1	
1,1,1-Trichloroethane	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:49	71-55-6	
1,1,2-Trichloroethane	**<7.9**	ug/L	40.0	7.9	40		05/04/18 12:49	79-00-5	
Trichloroethene	**665**	ug/L	40.0	13.2	40		05/04/18 12:49	79-01-6	
Trichlorofluoromethane	**<7.4**	ug/L	40.0	7.4	40		05/04/18 12:49	75-69-4	
1,2,3-Trichloropropane	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:49	96-18-4	
1,2,4-Trimethylbenzene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:49	95-63-6	
1,3,5-Trimethylbenzene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:49	108-67-8	
Vinyl chloride	**13.2J**	ug/L	40.0	7.0	40		05/04/18 12:49	75-01-4	
m&p-Xylene	**<40.0**	ug/L	80.0	40.0	40		05/04/18 12:49	179601-23-1	
o-Xylene	**<20.0**	ug/L	40.0	20.0	40		05/04/18 12:49	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	61-130		40		05/04/18 12:49	460-00-4	
Dibromofluoromethane (S)	97	%	67-130		40		05/04/18 12:49	1868-53-7	
Toluene-d8 (S)	94	%	70-130		40		05/04/18 12:49	2037-26-5	

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ANALYTICAL RESULTS

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Sample: MW-6 **Lab ID: 40168447006** Collected: 05/01/18 00:00 Received: 05/02/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:38	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		05/07/18 20:38	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		05/07/18 20:38	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:38	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:38	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		05/07/18 20:38	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:38	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		05/07/18 20:38	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		05/07/18 20:38	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:38	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:38	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		05/07/18 20:38	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		05/07/18 20:38	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:38	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:38	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		05/07/18 20:38	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		05/07/18 20:38	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:38	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		05/07/18 20:38	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		05/07/18 20:38	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:38	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:38	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:38	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		05/07/18 20:38	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		05/07/18 20:38	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		05/07/18 20:38	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		05/07/18 20:38	75-35-4	
cis-1,2-Dichloroethene	**32.7**	ug/L	1.0	0.26	1		05/07/18 20:38	156-59-2	
trans-1,2-Dichloroethene	**0.84J**	ug/L	1.0	0.26	1		05/07/18 20:38	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		05/07/18 20:38	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:38	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		05/07/18 20:38	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		05/07/18 20:38	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:38	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		05/07/18 20:38	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:38	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:38	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		05/07/18 20:38	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		05/07/18 20:38	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:38	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		05/07/18 20:38	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		05/07/18 20:38	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		05/07/18 20:38	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:38	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:38	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		05/07/18 20:38	630-20-6	

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ANALYTICAL RESULTS

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Sample: MW-6 **Lab ID: 40168447006** Collected: 05/01/18 00:00 Received: 05/02/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		05/07/18 20:38	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:38	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:38	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		05/07/18 20:38	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		05/07/18 20:38	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:38	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		05/07/18 20:38	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		05/07/18 20:38	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		05/07/18 20:38	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:38	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:38	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:38	108-67-8	
Vinyl chloride	**3.4**	ug/L	1.0	0.18	1		05/07/18 20:38	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		05/07/18 20:38	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 20:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	61-130		1		05/07/18 20:38	460-00-4	pH
Dibromofluoromethane (S)	103	%	67-130		1		05/07/18 20:38	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		05/07/18 20:38	2037-26-5	

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ANALYTICAL RESULTS

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Sample: MW-7 **Lab ID: 40168447007** Collected: 05/01/18 00:00 Received: 05/02/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:00	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		05/07/18 21:00	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		05/07/18 21:00	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:00	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:00	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		05/07/18 21:00	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:00	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		05/07/18 21:00	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		05/07/18 21:00	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:00	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:00	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		05/07/18 21:00	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		05/07/18 21:00	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:00	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:00	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		05/07/18 21:00	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		05/07/18 21:00	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:00	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		05/07/18 21:00	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		05/07/18 21:00	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:00	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:00	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:00	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		05/07/18 21:00	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		05/07/18 21:00	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		05/07/18 21:00	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		05/07/18 21:00	75-35-4	
cis-1,2-Dichloroethene	**0.40J**	ug/L	1.0	0.26	1		05/07/18 21:00	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		05/07/18 21:00	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		05/07/18 21:00	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:00	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		05/07/18 21:00	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		05/07/18 21:00	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:00	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		05/07/18 21:00	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:00	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:00	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		05/07/18 21:00	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		05/07/18 21:00	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:00	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		05/07/18 21:00	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		05/07/18 21:00	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		05/07/18 21:00	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:00	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:00	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		05/07/18 21:00	630-20-6	

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ANALYTICAL RESULTS

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Sample: MW-7 **Lab ID: 40168447007** Collected: 05/01/18 00:00 Received: 05/02/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		05/07/18 21:00	79-34-5	
Tetrachloroethene	**1.6**	ug/L	1.0	0.50	1		05/07/18 21:00	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:00	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		05/07/18 21:00	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		05/07/18 21:00	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:00	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		05/07/18 21:00	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		05/07/18 21:00	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		05/07/18 21:00	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:00	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:00	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:00	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		05/07/18 21:00	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		05/07/18 21:00	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:00	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	61-130		1		05/07/18 21:00	460-00-4	pH
Dibromofluoromethane (S)	101	%	67-130		1		05/07/18 21:00	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		05/07/18 21:00	2037-26-5	

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ANALYTICAL RESULTS

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Sample: MW-8 **Lab ID: 40168447008** Collected: 05/01/18 00:00 Received: 05/02/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:22	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		05/07/18 21:22	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		05/07/18 21:22	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:22	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:22	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		05/07/18 21:22	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:22	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		05/07/18 21:22	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		05/07/18 21:22	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:22	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:22	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		05/07/18 21:22	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		05/07/18 21:22	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:22	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:22	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		05/07/18 21:22	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		05/07/18 21:22	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:22	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		05/07/18 21:22	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		05/07/18 21:22	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:22	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:22	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:22	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		05/07/18 21:22	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		05/07/18 21:22	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		05/07/18 21:22	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		05/07/18 21:22	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		05/07/18 21:22	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		05/07/18 21:22	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		05/07/18 21:22	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:22	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		05/07/18 21:22	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		05/07/18 21:22	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:22	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		05/07/18 21:22	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:22	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:22	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		05/07/18 21:22	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		05/07/18 21:22	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:22	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		05/07/18 21:22	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		05/07/18 21:22	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		05/07/18 21:22	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:22	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:22	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		05/07/18 21:22	630-20-6	

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ANALYTICAL RESULTS

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Sample: MW-8 **Lab ID: 40168447008** Collected: 05/01/18 00:00 Received: 05/02/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		05/07/18 21:22	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:22	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:22	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		05/07/18 21:22	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		05/07/18 21:22	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:22	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		05/07/18 21:22	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		05/07/18 21:22	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		05/07/18 21:22	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:22	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:22	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:22	108-67-8	
Vinyl chloride	**0.26J**	ug/L	1.0	0.18	1		05/07/18 21:22	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		05/07/18 21:22	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:22	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	61-130		1		05/07/18 21:22	460-00-4	
Dibromofluoromethane (S)	99	%	67-130		1		05/07/18 21:22	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		05/07/18 21:22	2037-26-5	

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ANALYTICAL RESULTS

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Sample: MW-9 **Lab ID: 40168447009** Collected: 05/01/18 00:00 Received: 05/02/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<1.0**	ug/L	2.0	1.0	2		05/04/18 13:12	71-43-2	
Bromobenzene	**<0.46**	ug/L	2.0	0.46	2		05/04/18 13:12	108-86-1	
Bromochloromethane	**<0.68**	ug/L	2.0	0.68	2		05/04/18 13:12	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	2.0	1.0	2		05/04/18 13:12	75-27-4	
Bromoform	**<1.0**	ug/L	2.0	1.0	2		05/04/18 13:12	75-25-2	
Bromomethane	**<4.9**	ug/L	10.0	4.9	2		05/04/18 13:12	74-83-9	
n-Butylbenzene	**6.3**	ug/L	2.0	1.0	2		05/04/18 13:12	104-51-8	
sec-Butylbenzene	**4.4J**	ug/L	10.0	4.4	2		05/04/18 13:12	135-98-8	
tert-Butylbenzene	**<0.36**	ug/L	2.0	0.36	2		05/04/18 13:12	98-06-6	
Carbon tetrachloride	**<1.0**	ug/L	2.0	1.0	2		05/04/18 13:12	56-23-5	
Chlorobenzene	**<1.0**	ug/L	2.0	1.0	2		05/04/18 13:12	108-90-7	
Chloroethane	**<0.75**	ug/L	2.0	0.75	2		05/04/18 13:12	75-00-3	
Chloroform	**<5.0**	ug/L	10.0	5.0	2		05/04/18 13:12	67-66-3	
Chloromethane	**<1.0**	ug/L	2.0	1.0	2		05/04/18 13:12	74-87-3	
2-Chlorotoluene	**<1.0**	ug/L	2.0	1.0	2		05/04/18 13:12	95-49-8	
4-Chlorotoluene	**<0.43**	ug/L	2.0	0.43	2		05/04/18 13:12	106-43-4	
1,2-Dibromo-3-chloropropane	**<4.3**	ug/L	10.0	4.3	2		05/04/18 13:12	96-12-8	
Dibromochloromethane	**<1.0**	ug/L	2.0	1.0	2		05/04/18 13:12	124-48-1	
1,2-Dibromoethane (EDB)	**<0.36**	ug/L	2.0	0.36	2		05/04/18 13:12	106-93-4	
Dibromomethane	**<0.85**	ug/L	2.0	0.85	2		05/04/18 13:12	74-95-3	
1,2-Dichlorobenzene	**<1.0**	ug/L	2.0	1.0	2		05/04/18 13:12	95-50-1	
1,3-Dichlorobenzene	**<1.0**	ug/L	2.0	1.0	2		05/04/18 13:12	541-73-1	
1,4-Dichlorobenzene	**<1.0**	ug/L	2.0	1.0	2		05/04/18 13:12	106-46-7	
Dichlorodifluoromethane	**<0.45**	ug/L	2.0	0.45	2		05/04/18 13:12	75-71-8	
1,1-Dichloroethane	**<0.48**	ug/L	2.0	0.48	2		05/04/18 13:12	75-34-3	
1,2-Dichloroethane	**<0.34**	ug/L	2.0	0.34	2		05/04/18 13:12	107-06-2	
1,1-Dichloroethene	**<0.82**	ug/L	2.0	0.82	2		05/04/18 13:12	75-35-4	
cis-1,2-Dichloroethene	**<0.51**	ug/L	2.0	0.51	2		05/04/18 13:12	156-59-2	
trans-1,2-Dichloroethene	**<0.51**	ug/L	2.0	0.51	2		05/04/18 13:12	156-60-5	
1,2-Dichloropropane	**<0.47**	ug/L	2.0	0.47	2		05/04/18 13:12	78-87-5	
1,3-Dichloropropane	**<1.0**	ug/L	2.0	1.0	2		05/04/18 13:12	142-28-9	
2,2-Dichloropropane	**<0.97**	ug/L	2.0	0.97	2		05/04/18 13:12	594-20-7	
1,1-Dichloropropene	**<0.88**	ug/L	2.0	0.88	2		05/04/18 13:12	563-58-6	
cis-1,3-Dichloropropene	**<1.0**	ug/L	2.0	1.0	2		05/04/18 13:12	10061-01-5	
trans-1,3-Dichloropropene	**<0.46**	ug/L	2.0	0.46	2		05/04/18 13:12	10061-02-6	
Diisopropyl ether	**<1.0**	ug/L	2.0	1.0	2		05/04/18 13:12	108-20-3	
Ethylbenzene	**92.3**	ug/L	2.0	1.0	2		05/04/18 13:12	100-41-4	
Hexachloro-1,3-butadiene	**<4.2**	ug/L	10.0	4.2	2		05/04/18 13:12	87-68-3	
Isopropylbenzene (Cumene)	**18.5**	ug/L	2.0	0.29	2		05/04/18 13:12	98-82-8	
p-Isopropyltoluene	**1.3J**	ug/L	2.0	1.0	2		05/04/18 13:12	99-87-6	
Methylene Chloride	**<0.47**	ug/L	2.0	0.47	2		05/04/18 13:12	75-09-2	
Methyl-tert-butyl ether	**<0.35**	ug/L	2.0	0.35	2		05/04/18 13:12	1634-04-4	
Naphthalene	**30.4**	ug/L	10.0	5.0	2		05/04/18 13:12	91-20-3	
n-Propylbenzene	**47.5**	ug/L	2.0	1.0	2		05/04/18 13:12	103-65-1	
Styrene	**<1.0**	ug/L	2.0	1.0	2		05/04/18 13:12	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	2.0	0.36	2		05/04/18 13:12	630-20-6	

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ANALYTICAL RESULTS

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Sample: MW-9 **Lab ID: 40168447009** Collected: 05/01/18 00:00 Received: 05/02/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	2.0	0.50	2		05/04/18 13:12	79-34-5	
Tetrachloroethene	**<1.0**	ug/L	2.0	1.0	2		05/04/18 13:12	127-18-4	
Toluene	**<1.0**	ug/L	2.0	1.0	2		05/04/18 13:12	108-88-3	
1,2,3-Trichlorobenzene	**<4.3**	ug/L	10.0	4.3	2		05/04/18 13:12	87-61-6	
1,2,4-Trichlorobenzene	**<4.4**	ug/L	10.0	4.4	2		05/04/18 13:12	120-82-1	
1,1,1-Trichloroethane	**<1.0**	ug/L	2.0	1.0	2		05/04/18 13:12	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	2.0	0.39	2		05/04/18 13:12	79-00-5	
Trichloroethene	**<0.66**	ug/L	2.0	0.66	2		05/04/18 13:12	79-01-6	
Trichlorofluoromethane	**<0.37**	ug/L	2.0	0.37	2		05/04/18 13:12	75-69-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	2.0	1.0	2		05/04/18 13:12	96-18-4	
1,2,4-Trimethylbenzene	**37.3**	ug/L	2.0	1.0	2		05/04/18 13:12	95-63-6	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	2.0	1.0	2		05/04/18 13:12	108-67-8	
Vinyl chloride	**<0.35**	ug/L	2.0	0.35	2		05/04/18 13:12	75-01-4	
m&p-Xylene	**179**	ug/L	4.0	2.0	2		05/04/18 13:12	179601-23-1	
o-Xylene	**1.6J**	ug/L	2.0	1.0	2		05/04/18 13:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	61-130		2		05/04/18 13:12	460-00-4	
Dibromofluoromethane (S)	95	%	67-130		2		05/04/18 13:12	1868-53-7	
Toluene-d8 (S)	94	%	70-130		2		05/04/18 13:12	2037-26-5	

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ANALYTICAL RESULTS

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Sample: MW-10 **Lab ID: 40168447010** Collected: 05/01/18 00:00 Received: 05/02/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<2.5**	ug/L	5.0	2.5	5		05/04/18 13:34	71-43-2	
Bromobenzene	**<1.2**	ug/L	5.0	1.2	5		05/04/18 13:34	108-86-1	
Bromochloromethane	**<1.7**	ug/L	5.0	1.7	5		05/04/18 13:34	74-97-5	
Bromodichloromethane	**<2.5**	ug/L	5.0	2.5	5		05/04/18 13:34	75-27-4	
Bromoform	**<2.5**	ug/L	5.0	2.5	5		05/04/18 13:34	75-25-2	
Bromomethane	**<12.2**	ug/L	25.0	12.2	5		05/04/18 13:34	74-83-9	
n-Butylbenzene	**4.2J**	ug/L	5.0	2.5	5		05/04/18 13:34	104-51-8	
sec-Butylbenzene	**<10.9**	ug/L	25.0	10.9	5		05/04/18 13:34	135-98-8	
tert-Butylbenzene	**<0.90**	ug/L	5.0	0.90	5		05/04/18 13:34	98-06-6	
Carbon tetrachloride	**<2.5**	ug/L	5.0	2.5	5		05/04/18 13:34	56-23-5	
Chlorobenzene	**<2.5**	ug/L	5.0	2.5	5		05/04/18 13:34	108-90-7	
Chloroethane	**<1.9**	ug/L	5.0	1.9	5		05/04/18 13:34	75-00-3	
Chloroform	**<12.5**	ug/L	25.0	12.5	5		05/04/18 13:34	67-66-3	
Chloromethane	**<2.5**	ug/L	5.0	2.5	5		05/04/18 13:34	74-87-3	
2-Chlorotoluene	**<2.5**	ug/L	5.0	2.5	5		05/04/18 13:34	95-49-8	
4-Chlorotoluene	**<1.1**	ug/L	5.0	1.1	5		05/04/18 13:34	106-43-4	
1,2-Dibromo-3-chloropropane	**<10.8**	ug/L	25.0	10.8	5		05/04/18 13:34	96-12-8	
Dibromochloromethane	**<2.5**	ug/L	5.0	2.5	5		05/04/18 13:34	124-48-1	
1,2-Dibromoethane (EDB)	**<0.89**	ug/L	5.0	0.89	5		05/04/18 13:34	106-93-4	
Dibromomethane	**<2.1**	ug/L	5.0	2.1	5		05/04/18 13:34	74-95-3	
1,2-Dichlorobenzene	**<2.5**	ug/L	5.0	2.5	5		05/04/18 13:34	95-50-1	
1,3-Dichlorobenzene	**<2.5**	ug/L	5.0	2.5	5		05/04/18 13:34	541-73-1	
1,4-Dichlorobenzene	**<2.5**	ug/L	5.0	2.5	5		05/04/18 13:34	106-46-7	
Dichlorodifluoromethane	**<1.1**	ug/L	5.0	1.1	5		05/04/18 13:34	75-71-8	
1,1-Dichloroethane	**<1.2**	ug/L	5.0	1.2	5		05/04/18 13:34	75-34-3	
1,2-Dichloroethane	**<0.84**	ug/L	5.0	0.84	5		05/04/18 13:34	107-06-2	
1,1-Dichloroethene	**<2.1**	ug/L	5.0	2.1	5		05/04/18 13:34	75-35-4	
cis-1,2-Dichloroethene	**3.4J**	ug/L	5.0	1.3	5		05/04/18 13:34	156-59-2	
trans-1,2-Dichloroethene	**<1.3**	ug/L	5.0	1.3	5		05/04/18 13:34	156-60-5	
1,2-Dichloropropane	**<1.2**	ug/L	5.0	1.2	5		05/04/18 13:34	78-87-5	
1,3-Dichloropropane	**<2.5**	ug/L	5.0	2.5	5		05/04/18 13:34	142-28-9	
2,2-Dichloropropane	**<2.4**	ug/L	5.0	2.4	5		05/04/18 13:34	594-20-7	
1,1-Dichloropropene	**<2.2**	ug/L	5.0	2.2	5		05/04/18 13:34	563-58-6	
cis-1,3-Dichloropropene	**<2.5**	ug/L	5.0	2.5	5		05/04/18 13:34	10061-01-5	
trans-1,3-Dichloropropene	**<1.1**	ug/L	5.0	1.1	5		05/04/18 13:34	10061-02-6	
Diisopropyl ether	**<2.5**	ug/L	5.0	2.5	5		05/04/18 13:34	108-20-3	
Ethylbenzene	**267**	ug/L	5.0	2.5	5		05/04/18 13:34	100-41-4	
Hexachloro-1,3-butadiene	**<10.5**	ug/L	25.0	10.5	5		05/04/18 13:34	87-68-3	
Isopropylbenzene (Cumene)	**11.3**	ug/L	5.0	0.72	5		05/04/18 13:34	98-82-8	
p-Isopropyltoluene	**<2.5**	ug/L	5.0	2.5	5		05/04/18 13:34	99-87-6	
Methylene Chloride	**<1.2**	ug/L	5.0	1.2	5		05/04/18 13:34	75-09-2	
Methyl-tert-butyl ether	**<0.87**	ug/L	5.0	0.87	5		05/04/18 13:34	1634-04-4	
Naphthalene	**62.8**	ug/L	25.0	12.5	5		05/04/18 13:34	91-20-3	
n-Propylbenzene	**31.5**	ug/L	5.0	2.5	5		05/04/18 13:34	103-65-1	
Styrene	**<2.5**	ug/L	5.0	2.5	5		05/04/18 13:34	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.90**	ug/L	5.0	0.90	5		05/04/18 13:34	630-20-6	

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ANALYTICAL RESULTS

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Sample: MW-10 **Lab ID: 40168447010** Collected: 05/01/18 00:00 Received: 05/02/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<1.2**	ug/L	5.0	1.2	5		05/04/18 13:34	79-34-5	
Tetrachloroethene	**40.6**	ug/L	5.0	2.5	5		05/04/18 13:34	127-18-4	
Toluene	**2.7J**	ug/L	5.0	2.5	5		05/04/18 13:34	108-88-3	
1,2,3-Trichlorobenzene	**<10.7**	ug/L	25.0	10.7	5		05/04/18 13:34	87-61-6	
1,2,4-Trichlorobenzene	**<11.0**	ug/L	25.0	11.0	5		05/04/18 13:34	120-82-1	
1,1,1-Trichloroethane	**<2.5**	ug/L	5.0	2.5	5		05/04/18 13:34	71-55-6	
1,1,2-Trichloroethane	**<0.99**	ug/L	5.0	0.99	5		05/04/18 13:34	79-00-5	
Trichloroethene	**11.1**	ug/L	5.0	1.7	5		05/04/18 13:34	79-01-6	
Trichlorofluoromethane	**<0.92**	ug/L	5.0	0.92	5		05/04/18 13:34	75-69-4	
1,2,3-Trichloropropane	**<2.5**	ug/L	5.0	2.5	5		05/04/18 13:34	96-18-4	
1,2,4-Trimethylbenzene	**208**	ug/L	5.0	2.5	5		05/04/18 13:34	95-63-6	
1,3,5-Trimethylbenzene	**22.9**	ug/L	5.0	2.5	5		05/04/18 13:34	108-67-8	
Vinyl chloride	**<0.88**	ug/L	5.0	0.88	5		05/04/18 13:34	75-01-4	
m&p-Xylene	**481**	ug/L	10.0	5.0	5		05/04/18 13:34	179601-23-1	
o-Xylene	**16.1**	ug/L	5.0	2.5	5		05/04/18 13:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	61-130		5		05/04/18 13:34	460-00-4	
Dibromofluoromethane (S)	95	%	67-130		5		05/04/18 13:34	1868-53-7	
Toluene-d8 (S)	94	%	70-130		5		05/04/18 13:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Sample: MW-11 **Lab ID: 40168447011** Collected: 05/01/18 00:00 Received: 05/02/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:44	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		05/07/18 21:44	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		05/07/18 21:44	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:44	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:44	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		05/07/18 21:44	74-83-9	
n-Butylbenzene	**4.0**	ug/L	1.0	0.50	1		05/07/18 21:44	104-51-8	
sec-Butylbenzene	**4.0J**	ug/L	5.0	2.2	1		05/07/18 21:44	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		05/07/18 21:44	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:44	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:44	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		05/07/18 21:44	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		05/07/18 21:44	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:44	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:44	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		05/07/18 21:44	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		05/07/18 21:44	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:44	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		05/07/18 21:44	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		05/07/18 21:44	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:44	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:44	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:44	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		05/07/18 21:44	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		05/07/18 21:44	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		05/07/18 21:44	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		05/07/18 21:44	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		05/07/18 21:44	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		05/07/18 21:44	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		05/07/18 21:44	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:44	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		05/07/18 21:44	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		05/07/18 21:44	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:44	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		05/07/18 21:44	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:44	108-20-3	
Ethylbenzene	**79.9**	ug/L	1.0	0.50	1		05/07/18 21:44	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		05/07/18 21:44	87-68-3	
Isopropylbenzene (Cumene)	**27.5**	ug/L	1.0	0.14	1		05/07/18 21:44	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:44	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		05/07/18 21:44	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		05/07/18 21:44	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		05/07/18 21:44	91-20-3	
n-Propylbenzene	**59.7**	ug/L	1.0	0.50	1		05/07/18 21:44	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:44	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		05/07/18 21:44	630-20-6	

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ANALYTICAL RESULTS

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Sample: MW-11 **Lab ID: 40168447011** Collected: 05/01/18 00:00 Received: 05/02/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		05/07/18 21:44	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:44	127-18-4	
Toluene	**5.9**	ug/L	1.0	0.50	1		05/07/18 21:44	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		05/07/18 21:44	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		05/07/18 21:44	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:44	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		05/07/18 21:44	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		05/07/18 21:44	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		05/07/18 21:44	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:44	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:44	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:44	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		05/07/18 21:44	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		05/07/18 21:44	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 21:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	61-130		1		05/07/18 21:44	460-00-4	
Dibromofluoromethane (S)	101	%	67-130		1		05/07/18 21:44	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		05/07/18 21:44	2037-26-5	

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ANALYTICAL RESULTS

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Sample: TRIP **Lab ID: 40168447012** Collected: 05/01/18 00:00 Received: 05/02/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 18:48	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		05/07/18 18:48	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		05/07/18 18:48	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 18:48	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		05/07/18 18:48	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		05/07/18 18:48	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 18:48	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		05/07/18 18:48	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		05/07/18 18:48	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		05/07/18 18:48	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 18:48	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		05/07/18 18:48	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		05/07/18 18:48	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 18:48	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 18:48	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		05/07/18 18:48	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		05/07/18 18:48	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 18:48	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		05/07/18 18:48	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		05/07/18 18:48	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 18:48	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 18:48	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 18:48	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		05/07/18 18:48	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		05/07/18 18:48	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		05/07/18 18:48	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		05/07/18 18:48	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		05/07/18 18:48	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		05/07/18 18:48	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		05/07/18 18:48	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 18:48	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		05/07/18 18:48	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		05/07/18 18:48	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 18:48	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		05/07/18 18:48	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		05/07/18 18:48	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 18:48	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		05/07/18 18:48	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		05/07/18 18:48	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 18:48	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		05/07/18 18:48	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		05/07/18 18:48	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		05/07/18 18:48	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 18:48	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 18:48	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		05/07/18 18:48	630-20-6	

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ANALYTICAL RESULTS

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Sample: TRIP **Lab ID: 40168447012** Collected: 05/01/18 00:00 Received: 05/02/18 15:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		05/07/18 18:48	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 18:48	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 18:48	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		05/07/18 18:48	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		05/07/18 18:48	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 18:48	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		05/07/18 18:48	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		05/07/18 18:48	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		05/07/18 18:48	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/07/18 18:48	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 18:48	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 18:48	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		05/07/18 18:48	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		05/07/18 18:48	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		05/07/18 18:48	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	61-130		1		05/07/18 18:48	460-00-4	
Dibromofluoromethane (S)	105	%	67-130		1		05/07/18 18:48	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		05/07/18 18:48	2037-26-5	

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QUALITY CONTROL DATA

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

QC Batch: 287768 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40168447002, 40168447004, 40168447005, 40168447009, 40168447010

METHOD BLANK: 1683547 Matrix: Water
Associated Lab Samples: 40168447002, 40168447004, 40168447005, 40168447009, 40168447010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	05/04/18 07:35	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	05/04/18 07:35	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	05/04/18 07:35	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	05/04/18 07:35	
1,1-Dichloroethane	ug/L	<0.24	1.0	05/04/18 07:35	
1,1-Dichloroethene	ug/L	<0.41	1.0	05/04/18 07:35	
1,1-Dichloropropene	ug/L	<0.44	1.0	05/04/18 07:35	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	05/04/18 07:35	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	05/04/18 07:35	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	05/04/18 07:35	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	05/04/18 07:35	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	05/04/18 07:35	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	05/04/18 07:35	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	05/04/18 07:35	
1,2-Dichloroethane	ug/L	<0.17	1.0	05/04/18 07:35	
1,2-Dichloropropane	ug/L	<0.23	1.0	05/04/18 07:35	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	05/04/18 07:35	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	05/04/18 07:35	
1,3-Dichloropropane	ug/L	<0.50	1.0	05/04/18 07:35	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	05/04/18 07:35	
2,2-Dichloropropane	ug/L	<0.48	1.0	05/04/18 07:35	
2-Chlorotoluene	ug/L	<0.50	1.0	05/04/18 07:35	
4-Chlorotoluene	ug/L	<0.21	1.0	05/04/18 07:35	
Benzene	ug/L	<0.50	1.0	05/04/18 07:35	
Bromobenzene	ug/L	<0.23	1.0	05/04/18 07:35	
Bromochloromethane	ug/L	<0.34	1.0	05/04/18 07:35	
Bromodichloromethane	ug/L	<0.50	1.0	05/04/18 07:35	
Bromoform	ug/L	<0.50	1.0	05/04/18 07:35	
Bromomethane	ug/L	<2.4	5.0	05/04/18 07:35	
Carbon tetrachloride	ug/L	<0.50	1.0	05/04/18 07:35	
Chlorobenzene	ug/L	<0.50	1.0	05/04/18 07:35	
Chloroethane	ug/L	<0.37	1.0	05/04/18 07:35	
Chloroform	ug/L	<2.5	5.0	05/04/18 07:35	
Chloromethane	ug/L	<0.50	1.0	05/04/18 07:35	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	05/04/18 07:35	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	05/04/18 07:35	
Dibromochloromethane	ug/L	<0.50	1.0	05/04/18 07:35	
Dibromomethane	ug/L	<0.43	1.0	05/04/18 07:35	
Dichlorodifluoromethane	ug/L	<0.22	1.0	05/04/18 07:35	
Diisopropyl ether	ug/L	<0.50	1.0	05/04/18 07:35	
Ethylbenzene	ug/L	<0.50	1.0	05/04/18 07:35	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

METHOD BLANK: 1683547 Matrix: Water
Associated Lab Samples: 40168447002, 40168447004, 40168447005, 40168447009, 40168447010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	05/04/18 07:35	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	05/04/18 07:35	
m&p-Xylene	ug/L	<1.0	2.0	05/04/18 07:35	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	05/04/18 07:35	
Methylene Chloride	ug/L	<0.23	1.0	05/04/18 07:35	
n-Butylbenzene	ug/L	<0.50	1.0	05/04/18 07:35	
n-Propylbenzene	ug/L	<0.50	1.0	05/04/18 07:35	
Naphthalene	ug/L	<2.5	5.0	05/04/18 07:35	
o-Xylene	ug/L	<0.50	1.0	05/04/18 07:35	
p-Isopropyltoluene	ug/L	<0.50	1.0	05/04/18 07:35	
sec-Butylbenzene	ug/L	<2.2	5.0	05/04/18 07:35	
Styrene	ug/L	<0.50	1.0	05/04/18 07:35	
tert-Butylbenzene	ug/L	<0.18	1.0	05/04/18 07:35	
Tetrachloroethene	ug/L	<0.50	1.0	05/04/18 07:35	
Toluene	ug/L	<0.50	1.0	05/04/18 07:35	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	05/04/18 07:35	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	05/04/18 07:35	
Trichloroethene	ug/L	<0.33	1.0	05/04/18 07:35	
Trichlorofluoromethane	ug/L	<0.18	1.0	05/04/18 07:35	
Vinyl chloride	ug/L	<0.18	1.0	05/04/18 07:35	
4-Bromofluorobenzene (S)	%	89	61-130	05/04/18 07:35	
Dibromofluoromethane (S)	%	96	67-130	05/04/18 07:35	
Toluene-d8 (S)	%	94	70-130	05/04/18 07:35	

LABORATORY CONTROL SAMPLE: 1683548

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	18.8	94	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	19.0	95	70-130	
1,1,2-Trichloroethane	ug/L	20	20.4	102	70-130	
1,1-Dichloroethane	ug/L	20	16.0	80	71-132	
1,1-Dichloroethene	ug/L	20	17.6	88	75-130	
1,2,4-Trichlorobenzene	ug/L	20	19.4	97	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	18.7	94	63-123	
1,2-Dibromoethane (EDB)	ug/L	20	20.7	103	70-130	
1,2-Dichlorobenzene	ug/L	20	20.9	105	70-130	
1,2-Dichloroethane	ug/L	20	20.8	104	70-131	
1,2-Dichloropropane	ug/L	20	20.6	103	80-120	
1,3-Dichlorobenzene	ug/L	20	20.3	102	70-130	
1,4-Dichlorobenzene	ug/L	20	20.9	104	70-130	
Benzene	ug/L	20	17.8	89	73-145	
Bromodichloromethane	ug/L	20	19.6	98	70-130	
Bromoform	ug/L	20	21.0	105	67-130	
Bromomethane	ug/L	20	9.7	49	26-128	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

LABORATORY CONTROL SAMPLE: 1683548

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	20	19.6	98	70-133	
Chlorobenzene	ug/L	20	21.5	108	70-130	
Chloroethane	ug/L	20	15.6	78	58-120	
Chloroform	ug/L	20	18.0	90	80-121	
Chloromethane	ug/L	20	15.8	79	40-127	
cis-1,2-Dichloroethene	ug/L	20	19.4	97	70-130	
cis-1,3-Dichloropropene	ug/L	20	18.4	92	70-130	
Dibromochloromethane	ug/L	20	20.8	104	70-130	
Dichlorodifluoromethane	ug/L	20	17.2	86	20-135	
Ethylbenzene	ug/L	20	19.8	99	87-129	
Isopropylbenzene (Cumene)	ug/L	20	20.7	103	70-130	
m&p-Xylene	ug/L	40	42.3	106	70-130	
Methyl-tert-butyl ether	ug/L	20	16.2	81	66-143	
Methylene Chloride	ug/L	20	16.2	81	70-130	
o-Xylene	ug/L	20	21.0	105	70-130	
Styrene	ug/L	20	21.3	107	70-130	
Tetrachloroethene	ug/L	20	20.3	101	70-130	
Toluene	ug/L	20	19.4	97	82-130	
trans-1,2-Dichloroethene	ug/L	20	16.9	84	75-132	
trans-1,3-Dichloropropene	ug/L	20	18.8	94	70-130	
Trichloroethene	ug/L	20	19.9	100	70-130	
Trichlorofluoromethane	ug/L	20	18.1	91	76-133	
Vinyl chloride	ug/L	20	16.1	80	57-136	
4-Bromofluorobenzene (S)	%			94	61-130	
Dibromofluoromethane (S)	%			96	67-130	
Toluene-d8 (S)	%			94	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1683884 1683885

Parameter	Units	40168447002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.50	50	50	50.1	48.9	100	98	70-134	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	43.3	42.8	87	86	70-130	1	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	48.3	47.1	97	94	70-130	3	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	40.4	39.8	81	80	71-133	2	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	46.2	46.0	92	92	75-136	1	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	48.4	48.2	96	96	70-130	0	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	44.0	43.2	88	86	63-123	2	20	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	51.3	50.0	103	100	70-130	3	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	49.5	48.7	99	97	70-130	2	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	50.8	49.6	102	99	70-131	2	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	51.1	49.9	102	100	80-120	2	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	49.3	48.3	99	97	70-130	2	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	49.6	48.4	99	97	70-130	3	20	

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QUALITY CONTROL DATA

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1683884 1683885

Parameter	Units	40168447002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	<0.50	50	50	45.8	44.8	92	90	73-145	2	20	
Bromodichloromethane	ug/L	<0.50	50	50	48.9	48.1	98	96	70-130	2	20	
Bromoform	ug/L	<0.50	50	50	50.8	50.3	102	101	67-130	1	20	
Bromomethane	ug/L	<2.4	50	50	28.7	29.9	57	60	26-129	4	20	
Carbon tetrachloride	ug/L	<0.50	50	50	53.0	52.1	106	104	70-134	2	20	
Chlorobenzene	ug/L	<0.50	50	50	51.2	50.5	102	101	70-130	1	20	
Chloroethane	ug/L	<0.37	50	50	38.3	36.8	77	74	58-120	4	20	
Chloroform	ug/L	<2.5	50	50	45.7	45.2	91	90	80-121	1	20	
Chloromethane	ug/L	<0.50	50	50	40.0	38.3	80	77	40-128	4	20	
cis-1,2-Dichloroethene	ug/L	7.4	50	50	58.8	56.9	103	99	70-130	3	20	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	43.6	43.1	87	86	70-130	1	20	
Dibromochloromethane	ug/L	<0.50	50	50	52.6	52.4	105	105	70-130	0	20	
Dichlorodifluoromethane	ug/L	<0.22	50	50	44.2	42.8	88	86	20-146	3	20	
Ethylbenzene	ug/L	<0.50	50	50	50.5	49.7	101	99	87-129	1	20	
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	53.5	52.6	107	105	70-130	2	20	
m&p-Xylene	ug/L	<1.0	100	100	106	104	106	104	70-130	2	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	40.3	39.8	81	80	66-143	1	20	
Methylene Chloride	ug/L	<0.23	50	50	41.0	39.7	82	79	70-130	3	20	
o-Xylene	ug/L	<0.50	50	50	54.0	52.7	108	105	70-130	3	20	
Styrene	ug/L	<0.50	50	50	52.0	50.9	104	102	70-130	2	20	
Tetrachloroethene	ug/L	7.4	50	50	60.5	59.5	106	104	70-130	2	20	
Toluene	ug/L	<0.50	50	50	48.7	48.0	97	96	82-131	1	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	44.6	43.2	89	86	75-135	3	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	48.9	48.6	98	97	70-130	1	20	
Trichloroethene	ug/L	9.5	50	50	62.1	60.5	105	102	70-130	3	20	
Trichlorofluoromethane	ug/L	<0.18	50	50	47.9	46.6	96	93	76-150	3	20	
Vinyl chloride	ug/L	0.50J	50	50	42.6	41.5	84	82	56-143	3	20	
4-Bromofluorobenzene (S)	%						93	93	61-130			
Dibromofluoromethane (S)	%						97	96	67-130			
Toluene-d8 (S)	%						95	96	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

QC Batch: 288021 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40168447001, 40168447003, 40168447006, 40168447007, 40168447008, 40168447011, 40168447012

METHOD BLANK: 1685356 Matrix: Water
Associated Lab Samples: 40168447001, 40168447003, 40168447006, 40168447007, 40168447008, 40168447011, 40168447012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	05/07/18 16:13	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	05/07/18 16:13	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	05/07/18 16:13	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	05/07/18 16:13	
1,1-Dichloroethane	ug/L	<0.24	1.0	05/07/18 16:13	
1,1-Dichloroethene	ug/L	<0.41	1.0	05/07/18 16:13	
1,1-Dichloropropene	ug/L	<0.44	1.0	05/07/18 16:13	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	05/07/18 16:13	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	05/07/18 16:13	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	05/07/18 16:13	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	05/07/18 16:13	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	05/07/18 16:13	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	05/07/18 16:13	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	05/07/18 16:13	
1,2-Dichloroethane	ug/L	<0.17	1.0	05/07/18 16:13	
1,2-Dichloropropane	ug/L	<0.23	1.0	05/07/18 16:13	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	05/07/18 16:13	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	05/07/18 16:13	
1,3-Dichloropropane	ug/L	<0.50	1.0	05/07/18 16:13	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	05/07/18 16:13	
2,2-Dichloropropane	ug/L	<0.48	1.0	05/07/18 16:13	
2-Chlorotoluene	ug/L	<0.50	1.0	05/07/18 16:13	
4-Chlorotoluene	ug/L	<0.21	1.0	05/07/18 16:13	
Benzene	ug/L	<0.50	1.0	05/07/18 16:13	
Bromobenzene	ug/L	<0.23	1.0	05/07/18 16:13	
Bromochloromethane	ug/L	<0.34	1.0	05/07/18 16:13	
Bromodichloromethane	ug/L	<0.50	1.0	05/07/18 16:13	
Bromoform	ug/L	<0.50	1.0	05/07/18 16:13	
Bromomethane	ug/L	<2.4	5.0	05/07/18 16:13	
Carbon tetrachloride	ug/L	<0.50	1.0	05/07/18 16:13	
Chlorobenzene	ug/L	<0.50	1.0	05/07/18 16:13	
Chloroethane	ug/L	<0.37	1.0	05/07/18 16:13	
Chloroform	ug/L	<2.5	5.0	05/07/18 16:13	
Chloromethane	ug/L	<0.50	1.0	05/07/18 16:13	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	05/07/18 16:13	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	05/07/18 16:13	
Dibromochloromethane	ug/L	<0.50	1.0	05/07/18 16:13	
Dibromomethane	ug/L	<0.43	1.0	05/07/18 16:13	
Dichlorodifluoromethane	ug/L	<0.22	1.0	05/07/18 16:13	
Diisopropyl ether	ug/L	<0.50	1.0	05/07/18 16:13	
Ethylbenzene	ug/L	<0.50	1.0	05/07/18 16:13	

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QUALITY CONTROL DATA

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

METHOD BLANK: 1685356 Matrix: Water
Associated Lab Samples: 40168447001, 40168447003, 40168447006, 40168447007, 40168447008, 40168447011, 40168447012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	05/07/18 16:13	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	05/07/18 16:13	
m&p-Xylene	ug/L	<1.0	2.0	05/07/18 16:13	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	05/07/18 16:13	
Methylene Chloride	ug/L	<0.23	1.0	05/07/18 16:13	
n-Butylbenzene	ug/L	<0.50	1.0	05/07/18 16:13	
n-Propylbenzene	ug/L	<0.50	1.0	05/07/18 16:13	
Naphthalene	ug/L	<2.5	5.0	05/07/18 16:13	
o-Xylene	ug/L	<0.50	1.0	05/07/18 16:13	
p-Isopropyltoluene	ug/L	<0.50	1.0	05/07/18 16:13	
sec-Butylbenzene	ug/L	<2.2	5.0	05/07/18 16:13	
Styrene	ug/L	<0.50	1.0	05/07/18 16:13	
tert-Butylbenzene	ug/L	<0.18	1.0	05/07/18 16:13	
Tetrachloroethene	ug/L	<0.50	1.0	05/07/18 16:13	
Toluene	ug/L	<0.50	1.0	05/07/18 16:13	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	05/07/18 16:13	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	05/07/18 16:13	
Trichloroethene	ug/L	<0.33	1.0	05/07/18 16:13	
Trichlorofluoromethane	ug/L	<0.18	1.0	05/07/18 16:13	
Vinyl chloride	ug/L	<0.18	1.0	05/07/18 16:13	
4-Bromofluorobenzene (S)	%	98	61-130	05/07/18 16:13	
Dibromofluoromethane (S)	%	100	67-130	05/07/18 16:13	
Toluene-d8 (S)	%	101	70-130	05/07/18 16:13	

LABORATORY CONTROL SAMPLE: 1685357

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	53.4	107	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	49.9	100	70-130	
1,1,2-Trichloroethane	ug/L	50	51.6	103	70-130	
1,1-Dichloroethane	ug/L	50	51.0	102	71-132	
1,1-Dichloroethene	ug/L	50	52.7	105	75-130	
1,2,4-Trichlorobenzene	ug/L	50	44.5	89	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	47.7	95	63-123	
1,2-Dibromoethane (EDB)	ug/L	50	53.4	107	70-130	
1,2-Dichlorobenzene	ug/L	50	50.8	102	70-130	
1,2-Dichloroethane	ug/L	50	50.7	101	70-131	
1,2-Dichloropropane	ug/L	50	49.8	100	80-120	
1,3-Dichlorobenzene	ug/L	50	50.9	102	70-130	
1,4-Dichlorobenzene	ug/L	50	51.4	103	70-130	
Benzene	ug/L	50	53.1	106	73-145	
Bromodichloromethane	ug/L	50	47.1	94	70-130	
Bromoform	ug/L	50	49.5	99	67-130	
Bromomethane	ug/L	50	36.9	74	26-128	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

LABORATORY CONTROL SAMPLE: 1685357

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	52.3	105	70-133	
Chlorobenzene	ug/L	50	52.1	104	70-130	
Chloroethane	ug/L	50	46.4	93	58-120	
Chloroform	ug/L	50	51.8	104	80-121	
Chloromethane	ug/L	50	33.7	67	40-127	
cis-1,2-Dichloroethene	ug/L	50	46.0	92	70-130	
cis-1,3-Dichloropropene	ug/L	50	52.0	104	70-130	
Dibromochloromethane	ug/L	50	51.6	103	70-130	
Dichlorodifluoromethane	ug/L	50	32.7	65	20-135	
Ethylbenzene	ug/L	50	54.8	110	87-129	
Isopropylbenzene (Cumene)	ug/L	50	55.8	112	70-130	
m&p-Xylene	ug/L	100	111	111	70-130	
Methyl-tert-butyl ether	ug/L	50	49.5	99	66-143	
Methylene Chloride	ug/L	50	49.5	99	70-130	
o-Xylene	ug/L	50	52.5	105	70-130	
Styrene	ug/L	50	56.2	112	70-130	
Tetrachloroethene	ug/L	50	50.8	102	70-130	
Toluene	ug/L	50	53.6	107	82-130	
trans-1,2-Dichloroethene	ug/L	50	50.1	100	75-132	
trans-1,3-Dichloropropene	ug/L	50	51.6	103	70-130	
Trichloroethene	ug/L	50	52.2	104	70-130	
Trichlorofluoromethane	ug/L	50	49.0	98	76-133	
Vinyl chloride	ug/L	50	45.6	91	57-136	
4-Bromofluorobenzene (S)	%			100	61-130	
Dibromofluoromethane (S)	%			102	67-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1685907 1685908

Parameter	Units	40168536001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<1.0	50	50	54.5	53.7	109	107	70-134	1	20	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	51.7	51.2	103	102	70-130	1	20	
1,1,2-Trichloroethane	ug/L	<1.0	50	50	53.2	50.2	106	100	70-130	6	20	
1,1-Dichloroethane	ug/L	<1.0	50	50	51.2	49.9	102	100	71-133	3	20	
1,1-Dichloroethene	ug/L	<1.0	50	50	51.4	51.6	103	103	75-136	0	20	
1,2,4-Trichlorobenzene	ug/L	<5.0	50	50	47.6	46.1	95	92	70-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<5.0	50	50	53.1	50.1	106	100	63-123	6	20	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	50	56.5	54.2	113	108	70-130	4	20	
1,2-Dichlorobenzene	ug/L	<1.0	50	50	51.3	52.3	103	105	70-130	2	20	
1,2-Dichloroethane	ug/L	<1.0	50	50	50.2	51.5	100	103	70-131	3	20	
1,2-Dichloropropane	ug/L	<1.0	50	50	51.9	51.7	104	103	80-120	0	20	
1,3-Dichlorobenzene	ug/L	<1.0	50	50	52.7	51.7	105	103	70-130	2	20	
1,4-Dichlorobenzene	ug/L	<1.0	50	50	54.7	52.6	109	105	70-130	4	20	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical®
www.pacelabs.com

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

QUALITY CONTROL DATA

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1685907 1685908

Parameter	Units	40168536001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	<1.0	50	50	54.2	54.3	108	109	73-145	0	20	
Bromodichloromethane	ug/L	<1.0	50	50	49.0	48.3	98	97	70-130	1	20	
Bromoform	ug/L	<5.0	50	50	51.6	47.9	103	96	67-130	7	20	
Bromomethane	ug/L	<5.0	50	50	38.0	39.3	76	79	26-129	3	20	
Carbon tetrachloride	ug/L	<1.0	50	50	51.5	54.7	103	109	70-134	6	20	
Chlorobenzene	ug/L	<1.0	50	50	53.1	51.0	106	102	70-130	4	20	
Chloroethane	ug/L	<1.0	50	50	46.3	46.1	93	92	58-120	0	20	
Chloroform	ug/L	<5.0	50	50	52.0	52.8	104	106	80-121	2	20	
Chloromethane	ug/L	<1.0	50	50	33.2	34.8	66	70	40-128	5	20	
cis-1,2-Dichloroethene	ug/L	<1.0	50	50	44.5	47.4	89	95	70-130	6	20	
cis-1,3-Dichloropropene	ug/L	<1.0	50	50	53.5	51.8	107	104	70-130	3	20	
Dibromochloromethane	ug/L	<1.0	50	50	50.3	50.9	101	102	70-130	1	20	
Dichlorodifluoromethane	ug/L	<1.0	50	50	31.4	32.7	63	65	20-146	4	20	
Ethylbenzene	ug/L	<1.0	50	50	54.1	52.6	108	105	87-129	3	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	54.5	53.1	109	106	70-130	3	20	
m&p-Xylene	ug/L	<2.0	100	100	111	107	111	107	70-130	4	20	
Methyl-tert-butyl ether	ug/L	<1.0	50	50	50.0	49.5	100	99	66-143	1	20	
Methylene Chloride	ug/L	<1.0	50	50	48.2	49.8	96	100	70-130	3	20	
o-Xylene	ug/L	<1.0	50	50	54.6	50.7	109	101	70-130	8	20	
Styrene	ug/L	<1.0	50	50	55.0	54.3	110	109	70-130	1	20	
Tetrachloroethene	ug/L	<1.0	50	50	51.5	49.4	103	99	70-130	4	20	
Toluene	ug/L	<1.0	50	50	54.8	52.5	108	104	82-131	4	20	
trans-1,2-Dichloroethene	ug/L	<1.0	50	50	49.9	49.2	100	98	75-135	1	20	
trans-1,3-Dichloropropene	ug/L	<1.0	50	50	50.9	50.4	102	101	70-130	1	20	
Trichloroethene	ug/L	<1.0	50	50	52.8	52.2	106	104	70-130	1	20	
Trichlorofluoromethane	ug/L	<1.0	50	50	48.6	49.4	97	99	76-150	2	20	
Vinyl chloride	ug/L	<1.0	50	50	44.3	44.9	89	90	56-143	1	20	
4-Bromofluorobenzene (S)	%						101	95	61-130			
Dibromofluoromethane (S)	%						101	101	67-130			
Toluene-d8 (S)	%						102	98	70-130			

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

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

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

Pace Analytical®
www.pacelabs.com

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1508077 OL' TYME CLEANERS
Pace Project No.: 40168447

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40168447001	MW-1	EPA 8260	288021		
40168447002	MW-2	EPA 8260	287768		
40168447003	MW-3	EPA 8260	288021		
40168447004	MW-4	EPA 8260	287768		
40168447005	MW-5	EPA 8260	287768		
40168447006	MW-6	EPA 8260	288021		
40168447007	MW-7	EPA 8260	288021		
40168447008	MW-8	EPA 8260	288021		
40168447009	MW-9	EPA 8260	287768		
40168447010	MW-10	EPA 8260	287768		
40168447011	MW-11	EPA 8260	288021		
40168447012	TRIP	EPA 8260	288021		

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

Page 1 of

40168447

CHAIN OF CUSTODY

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

(Please Print Clearly)	
Company Name:	KEC
Branch/Location:	Port Washington, WI
Project Contact:	Aaron Loftberg
Phone:	262-284-2557
Project Number:	1508077
Project Name:	Ol' Tyme Cleaners
Project State:	Wisconsin
Sampled By (Print):	Mike Kontecki
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	Aaron Loftberg
Mail To Company:	KEC
Mail To Address:	1032 S. Spring St Port Washington, WI 53074
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: VOC's	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	MW-1	5/1/18		GW	N	B	X			
002	MW-2						X			
003	MW-3						X			
004	MW-4						X			
005	MW-5						X			
006	MW-6						X			
007	MW-7						X			
008	MW-8						X			
009	MW-9						X			
010	MW-10						X			
011	MW-11						X			
012	TRIP			W			X			

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By:	Date/Time: 5/1/18 5:00PM	Received By:	Date/Time: 5/1/18 5:00PM
Transmit Prelim Rush Results by (complete what you want):	Relinquished By:	Date/Time: 5/2/18 1:28PM	Received By:	Date/Time: 5/2/18 1328
Email #1:	Relinquished By:	Date/Time: 5/2/18 1505	Received By:	Date/Time: 5/2/18 1505
Email #2:	Relinquished By:	Date/Time:	Received By:	Date/Time:
Telephone:	Relinquished By:	Date/Time:	Received By:	Date/Time:
Fax:				
Samples on HOLD are subject to special pricing and release of liability				

PACE Project No. 40168447
Receipt Temp = RO °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present
Intact / Not Intact

C019a(27Jun2006)
Version 6.0 06/14/06

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

Sample Preservation Receipt Form

Client Name: KEC Project # 40168447

All containers needing preservation have been checked and noted below: □Yes □No ☑N/A Initial when completed: Date/ Time:

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

	Glass							Plastic							Vials						Jars			General							
Pace Lab #	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T	ZPLC	GN	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																		3															2.5 / 5 / 10
002																		3															2.5 / 5 / 10
003																		3															2.5 / 5 / 10
004																		3															2.5 / 5 / 10
005																		3															2.5 / 5 / 10
006																		3															2.5 / 5 / 10
007																		3															2.5 / 5 / 10
008																		3															2.5 / 5 / 10
009																		3															2.5 / 5 / 10
010																		3															2.5 / 5 / 10
011																		3															2.5 / 5 / 10
012																		1															2.5 / 5 / 10
013																																	2.5 / 5 / 10
014																																	2.5 / 5 / 10
015																																	2.5 / 5 / 10
016																																	2.5 / 5 / 10
017																																	2.5 / 5 / 10
018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

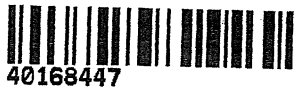
Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: Headspace in VOA Vials (>6mm) : □Yes ☑No □N/A ***If yes look in headspace column**

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

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

Sample Condition Upon Receipt Form (SCUR)

Project #: WO#: 40168447



Client Name: KEC

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

Tracking #: _____

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

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

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

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

Cooler Temperature Uncorr: /Corr: 2.0

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

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

Person examining contents:
Date: 5/21/18
Initials: CM

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out: CM	☑Yes ☐No ☐N/A	2. no time CM 5/21/18
Chain of Custody Relinquished: 5/21/18	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD:	☐Yes ☐No ☑N/A	8.
Correct Containers Used:	☑Yes ☐No	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
Trip Blank Present:	☑Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 397		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 5/23/18

Konicek Environmental Consulting LLC
Soil Boring Log

Project name	Project #	Boring #
Ol' Tyme Cleaners	1508077	MW-9

Start date	Completion date	Drilling method	borehole diameter
03/28/18	03/28/18		2.0

Drilling firm / crew	Weather conditions
Giles (Jim)	cool and cloudy

comments

Boring Location _____SW_____ _____NE___ of Section _____ Township _____ N, Range _____ E

PID	Blow count	depth	MATERIAL DESCRIPTION	% solid	Pocket pen
		0	Concrete		
		1			
		2			
	**	3	Brown silty sand		
		4			
		5	Brown/Black clayey sand and gravel		
		6			
		7	Brown clayey sand		
		8			
		9			
	**	10	Brown silty sand (wet)		
		11			
		12	Brown/Grey sand and gravel (wet)		
		13			
		14			
		15	Grey silty clay End of boring at 15 feet Well set at 15 feet ** - soil sample submitted for laboratory analysis		

The soil strata changes indicated by the lines are approximate and the actual transition maybe more gradual. I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Aaron Konicek Date 5/15/18

Konicek Environmental Consulting LLC
Soil Boring Log

Project name	Project #	Boring #
Ol' Tyme Cleaners	1508077	MW-11

Start date	Completion date	Drilling method	borehole diameter
03/28/18	03/28/18		2.0

Drilling firm / crew	Weather conditions
Giles (Jim)	cool and cloudy

comments

Boring Location ____ SW____ ____NE___ of Section _____ Township _____ N, Range _____ E

PID	Blow count	depth	MATERIAL DESCRIPTION	% solid	Pocket pen
		0	Concrete		
		1			
		2			
	**	3	Brown silty sand with gravel		
		4			
		5			
		6			
		7	Brown silty sand		
		8			
		9			
		10			
		11			
	**	12	Brown/Grey sand and gravel (wet)		
		13			
		14			
		15	Grey sand and gravel (wet) End of boring at 15 feet Well set at 15 feet ** - soil sample submitted for laboratory analysis		

The soil strata changes indicated by the lines are approximate and the actual transition maybe more gradual. I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Aaron Jabens Date 5/15/18

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Ol' Tyme Cleaners	Local Grid Location of Well: ____ ft. ☐N. ☐S. ____ ft. ☐E. ☐W.	Well Name: MW-9	
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.	DNR Well ID No.
Facility ID	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed: 05/28/2018 (m m d d y y y y)	
Type of Well: Well Code ____/____	Section Location of Waste/Source: ____ 1/4 of ____ 1/4 of Sec. ____, T. ____ N, R. ____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: Gilles Engineering (Jim)	
Distance from Waste/Source ____ ft.	Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation 0.___ ft. MSL
B. Well casing, top elevation 0 ft. MSL
C. Land surface elevation 0 ft. MSL
D. Surface seal, bottom ____ ft. MSL or 1 ft.

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

13. Sieve analysis performed? ☐ Yes ☐ No

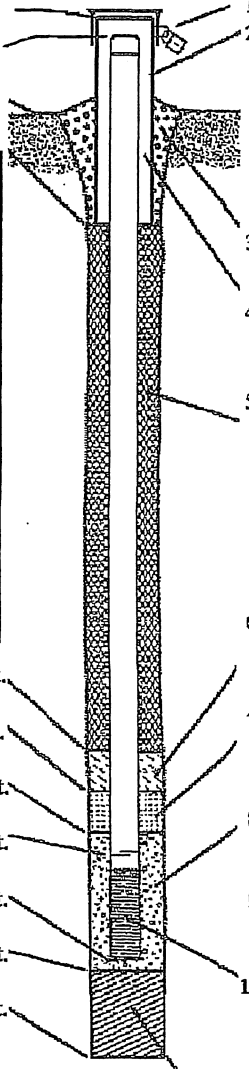
14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☑ 41
Other ☐ ____

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

16. Drilling additives used? ☐ Yes ☐ No
Describe ____

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

E. Bentonite seal, top ____ ft. MSL or 1 ft.
F. Fine sand, top ____ ft. MSL or 1 ft.
G. Filter pack, top ____ ft. MSL or 5 ft.
H. Screen joint, top ____ ft. MSL or 5 ft.
I. Well bottom ____ ft. MSL or 15 ft.
J. Filter pack, bottom ____ ft. MSL or 15 ft.
K. Borehole, bottom ____ ft. MSL or 15 ft.
L. Borehole, diameter 2 in.
M. O.D. well casing ____ in.
N. I.D. well casing ____ in.



1. Cap and lock? ☑ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: ___ in.
b. Length: ___ ft.
c. Material: Aluminum — Steel ☐ 04 Other ☑
d. Additional protection? ☐ Yes ☐ No
If yes, describe: ____
3. Surface seal: Bentonite ☑ 30 Concrete ☐ 01 Other ☐ ____
4. Material between well casing and protective pipe: Bentonite ☑ 30 Other ☐ ____
5. Annular space seal: a. Granular/Chipped Bentonite ☑ 33
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. ____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☑ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☑ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☑ 32
c. ____ Other ☐ ____
7. Fine sand material: Manufacturer, product name & mesh size
a. NSF Sand
b. Volume added ____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. ____
b. Volume added ____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☐ 23 Flush threaded PVC schedule 80 ☐ 24
Flush threaded aluminum — Other ☑ ____
10. Screen material: ____
a. Screen type: Factory cut ☐ 11 Continuous slot ☑ 01 Other ☐ ____
b. Manufacturer ____
c. Slot size: 0.___ in.
d. Slotted length: ___ ft.
11. Backfill material (below filter pack): None ☑ 14 Other ☐ ____

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

Signature: [signature] Firm: Konicek Environmental Consulting, LLC

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

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Ol' Tyme Cleaners	Local Grid Location of Well: ____ ft. ☐N ☐S ____ ft. ☐E ☐W	Well Name: MW-11
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed: 03/28/2018 (m m d d y y y y)
Type of Well: Well Code ____/____	Section Location of Waste/Source: ____1/4 of ____1/4 of Sec. ____, T. ____ N, R. ____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: Cates Engineering (Jim)
Distance from Waste/Source ____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: ____

A. Protective pipe, top elevation ___0.___ ft. MSL

B. Well casing, top elevation _____0 ft. MSL

C. Land surface elevation _____0 ft. MSL

D. Surface seal, bottom _____ ft. MSL or ___1 ft.

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

13. Sieve analysis performed? ☐ Yes ☐ No

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

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

16. Drilling additives used? ☐ Yes ☐ No
Describe _____

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

E. Bentonite seal, top _____ ft. MSL or ___1 ft.

F. Fine sand, top _____ ft. MSL or ___1 ft.

G. Filter pack, top _____ ft. MSL or ___5 ft.

H. Screen joint, top _____ ft. MSL or ___5 ft.

I. Well bottom _____ ft. MSL or ___15 ft.

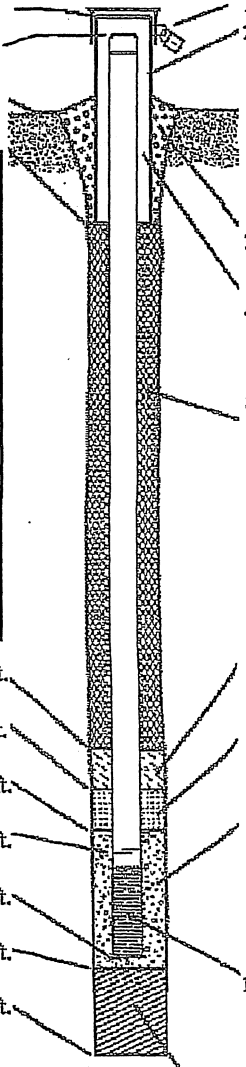
J. Filter pack, bottom _____ ft. MSL or ___15 ft.

K. Borehole, bottom _____ ft. MSL or ___15 ft.

L. Borehole, diameter ___2 in.

M. O.D. well casing ____ in.

N. I.D. well casing ____ in.



1. Cap and lock? ☑ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: ___ in.
b. Length: ___ ft.
c. Material: Aluminum — Steel ☐ 04 Other ☑
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____

3. Surface seal: Bentonite ☑ 30 Concrete ☐ 01 Other ☐
_____

4. Material between well casing and protective pipe: Bentonite ☑ 30 Other ☐
_____

5. Annular space seal: a. Granular/Chipped Bentonite ☑ 33
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☑ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☑ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☑ 32
c. _____ Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. NSF Sand
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☐ 23
Flush threaded PVC schedule 80 ☐ 24
Flush threaded aluminum — Other ☑

10. Screen material: _____
a. Screen type: Factory cut ☐ 11 Continuous slot ☑ 01
_____ Other ☐
b. Manufacturer _____
c. Slot size: 0.___ in.
d. Slotted length: ___ ft.

11. Backfill material (below filter pack): None ☑ 14
_____ Other ☐

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

Signature: [signature] Firm: Konicek Environmental Consulting, LLC

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

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 4-90

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
01 Tyme Cleaners	Washington	MW-9
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number** / **DNR Well Number**
_____	__	_____ / _____

1. Can this well be purged dry? ☑ Yes ☐ No

2. Well development method

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

3. Time spent developing well 270 min.

4. Depth of well (from top of well casisng) 14.8 ft.

5. Inside diameter of well 1 in.

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

7. Volume of water removed from well 0.2 gal.

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

9. Source of water added _____

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

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 8.61 ft.	8.64 ft.
Date	b. 05/01/18 (m m d d y y)	05/01/18 (m m d d y y)
Time	c. 10:00 ☑ a.m. ☐ p.m.	2:30 ☐ a.m. ☑ p.m.
12. Sediment in well bottom	___.__ inches	___.__ inches
13. Water clarity	Clear ☑ 10 Turbid ☐ 15 (Describe)	Clear ☑ 20 Turbid ☐ 25 (Describe)

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

14. Total suspended solids	_____.__ mg/l	_____.__ mg/l
15. COD	_____.__ mg/l	_____.__ mg/l

16. Additional comments on development:

Well developed by: Person's Name and Firm

Name: Mike Konicek

Firm: Konicek Environmental Consulting

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

Signature: MK

Print Initials: M C K

Firm: KEC, LLC

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 4-90

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
Ol' Tyme Cleaners	Washington	MW-10

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well Number
_ _ _ _ _ _ _	_ _	_ _ _ _ _ _ _ _	_ _ _

1. Can this well be purged dry? ☑ Yes ☐ No

2. Well development method

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

3. Time spent developing well 275 min.

4. Depth of well (from top of well casisng) 14.8 ft.

5. Inside diameter of well _ _ . _ _ in.

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

7. Volume of water removed from well 0.2 gal.

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

9. Source of water added _____

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

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. _ _ _ . _ _ ft.	_ _ _ . _ _ ft.
Date	b. 05/01/18 (m m d d y y)	05/01/18 (m m d d y y)
Time	c. 10:05 ☑ a.m. ☐ p.m.	2:40 ☐ a.m. ☑ p.m.
12. Sediment in well bottom	_ _ . _ inches	_ _ . _ inches
13. Water clarity	Clear ☑ 10 Turbid ☐ 15 (Describe)	Clear ☑ 20 Turbid ☐ 25 (Describe)
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	_ _ _ _ . _ mg/l	_ _ _ _ . _ mg/l
15. COD	_ _ _ _ . _ mg/l	_ _ _ _ . _ mg/l

16. Additional comments on development:

Well developed by: Person's Name and Firm

Name: Mike Konicek

Firm: Konicek Environmental Consulting

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

Signature: MK

Print Initials: MCK

Firm: KEC, LLC

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.