

Konicek Environmental Consulting LLC

August 11, 2020

Ms. Jenny Dorman
Environmental Program Associate
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
2300 N. Martin Luther King Dr.
Milwaukee, WI 53212

Reference: *Update Report - Sample Results Notification 4400-249*
Twin Lakes Laundry
111 South Lake Avenue, Twin Lakes, Wisconsin 53181
BRRTS # 02-30-545024
WDNR FID # 230117910

Dear Ms. Dorman,

On behalf of Tom Olsen (site owner), Konicek Environmental Consulting, LLC (KEC) is submitting this Update Report and Site Investigation Sample Results Notification form 4400-249 for the groundwater samples collected on July 13, 2020. Enclosed as Attachment A are Figures 1 (area wide) and 2 (close up) showing the Former and Planned Site Investigation Sampling Locations. Monitoring wells M-1 through MW-5 and MW-7, and piezometer PZ-1 were sampled during the event. MW-6 could not be found using a magnetic locator and hand digging. Please note, that a handwritten note was in the file that the cover was missing.

Enclosed within Attachment B is an updated groundwater analytical table (Table A.1), and water level elevations table (Table A.6). Groundwater samples were analyzed for Volatile Organic Compounds (VOCs) using EPA Method 8260 by Pace Analytical located in Green Bay, Wisconsin. A copy of the groundwater analytical report is presented as Attachment C.

This groundwater sampling event was a one-time event as outlined in KEC's May 21, 2020, Revised Additional Site Investigation Work Plan. This groundwater data will be interpreted within the Site Investigation Report.

Please feel free to call if you have any questions regarding this submittal.

Sincerely,

Konicek Environmental Consulting, LLC



Daniel K. Pelczar, CPG, P.G.
Senior Environmental Professional



Gregory A. Konicek, P.G., CHMM

Cc: Mr. Joseph Martinez, WDNR
Mr. Tom Olsen

Attachment A – Figures
Attachment B – Tables
Attachment C – Groundwater Laboratory Analytical Report

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 #) | |
| Twin Lakes Laundry | | 02-30-545024 | |
| Address | City | State | ZIP Code |
| 111 S. Lake Ave. | Twin Lakes | WI | 53181 |

Responsible Party

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

| | | | |
|--|------------|----------------------------------|----------|
| Property Owner | | | |
| Tom Olsen | | | |
| Address | City | State | ZIP Code |
| 111 S. Lake Ave. | Twin Lakes | WI | 53181 |
| Contact Person | | Phone Number (include area code) | |
| Tom Olsen | | (847) 542-0522 | |
| Person or company that collected samples | | | |
| Konicck Environmental Consultants LLC | | | |

Sample Results (Results Attached)

Reason for Sampling: Routine Other (define) WDNR's request

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

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

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

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

Contaminants in Vapor

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

Will be determined latter on this project.

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

Page 2 of 2

Attached are:

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

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

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

Contact Information

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

Environmental Consultant

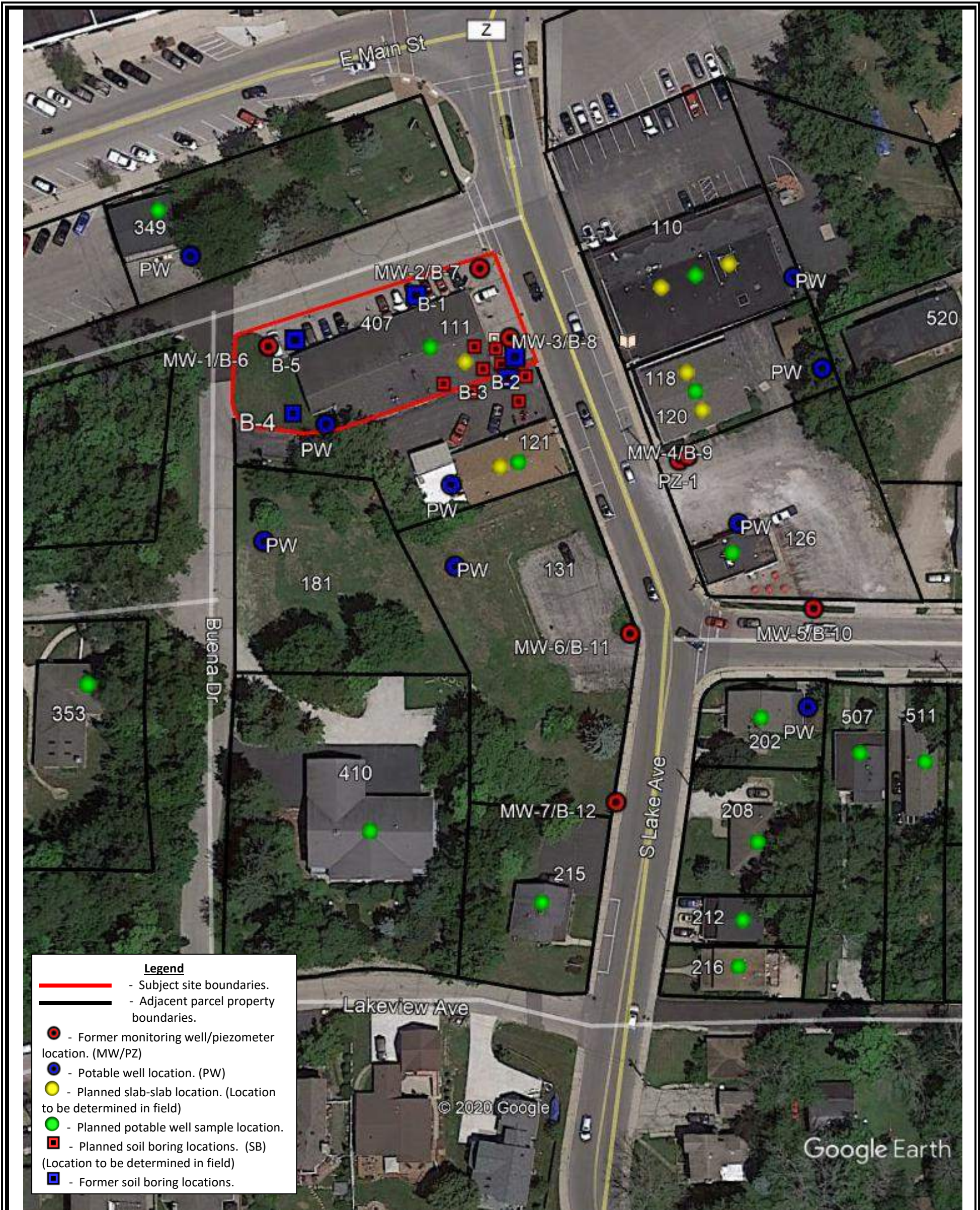
| | | | | | |
|--------------------------------------|-----------------------|--------------------------|-----------------|------------|----------|
| Company Name | | Contact Person Last Name | | First Name | |
| Konicek Environmental Consulting LLC | | Pelczar | | Daniel | |
| Address | | | City | State | ZIP Code |
| 1032 S. Spring St. | | | Port Washington | WI | 53074 |
| Phone # (inc. area code) | Email | | | | |
| (262) 284-2557 | dpelczarkec@gmail.com | | | | |

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

State of Wisconsin Department of Natural Resources

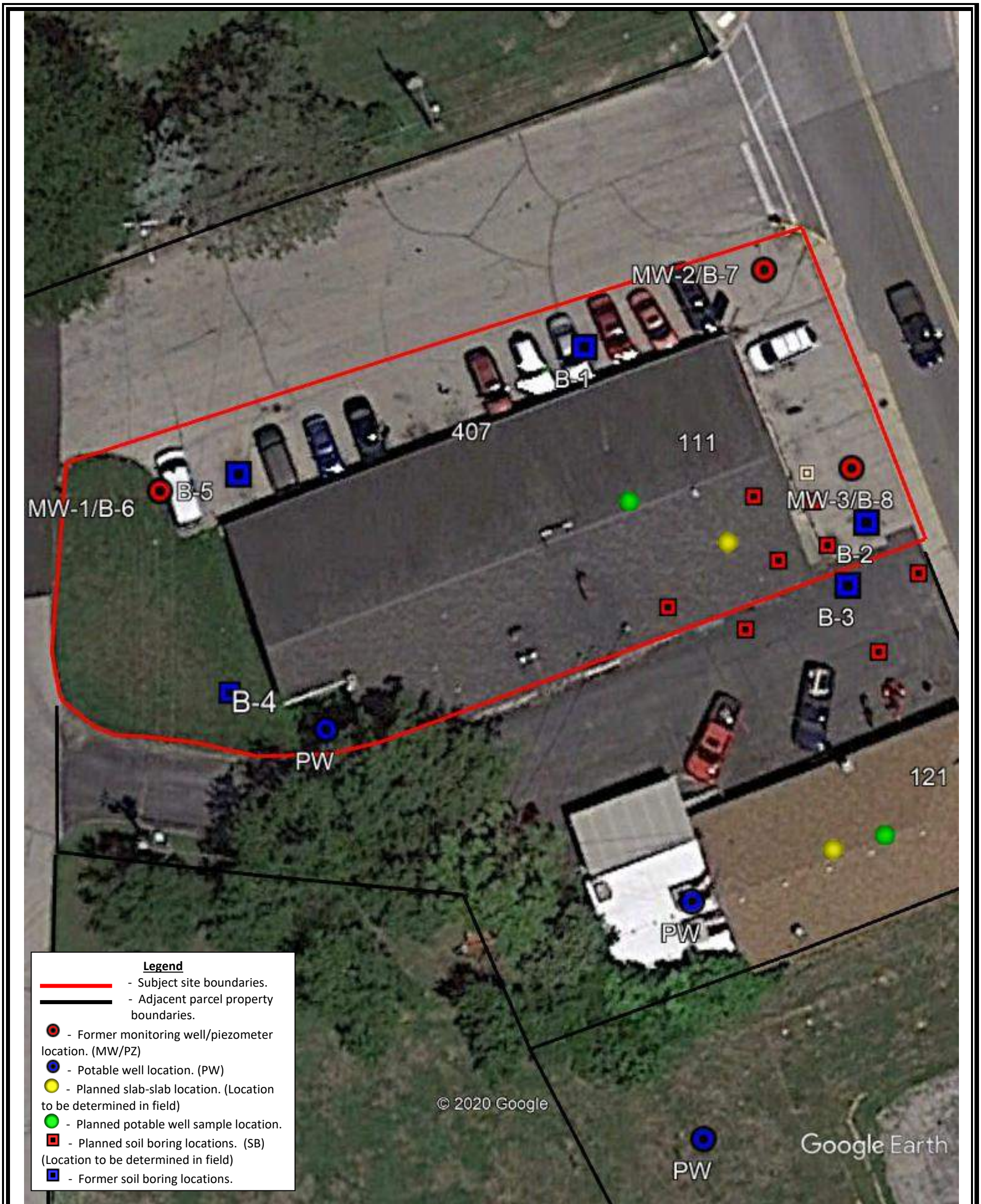
| | | | | | |
|--------------------------------|--|------------|-----------|--------------------------|----------|
| Contact Person Last Name | | First Name | | Phone # (inc. area code) | |
| Martinez | | Joseph | | (414) 263-8705 | |
| Address | | | City | State | ZIP Code |
| 2300 N. Martin Luther King Dr. | | | Milwaukee | WI | 53212 |
| Email | | | | | |
| Josph.Martinez@wisconsin.gov | | | | | |

Attachment 1



Konicek
 Environmental
 Consulting, LLC
 Created by: JB
 Date: 8/11/2020





Scale: 1"= 22' (scale is approximate)

Konicek
Environmental
Consulting, LLC
Created by: JB
Date: 8/11/2020

Figure B.1.b. - Detailed Site Map Close-up
BRRTS: 02-30-545024
Twin Lakes Laundry
111 S. Lake Avenue, Twin Lakes, WI 53181



Attachment 2

Table A.1. Groundwater Analytical
BRRTS#: 02-30-545024
Twin Lakes Laundry
111 South Lake Avenue, Twin Lakes, WI

| | MW-1 10/20/06 | MW-1 3/21/07 | MW-1 9/14/07 | MW-1 10/30/08 | MW-1 4/30/09 | MW-1 10/23/09 | MW-1 4/16/10 | MW-1 10/16/14 | MW-1 7/13/20 | NR 140.10 Table 1 ES | NR 140.10 Table 1 PAL |
|-----------------------------|---------------|--------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|-------------------------|--------------------------|
| VOCs (ug/L) | | | | | | | | | | | |
| Benzene | <0.20 | <0.20 | <0.20 | <0.41 | <0.41 | <0.41 | <0.41 | <0.24 | <0.25 | 5 | 0.5 |
| Bromobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.32 | <0.24 | --- | --- |
| Bromochloromethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | --- | <0.36 | --- | --- |
| Bromodichloromethane | <0.20 | <0.20 | <0.20 | <0.56 | <0.56 | <0.56 | <0.56 | <0.37 | <0.36 | 0.6 | 0.06 |
| Bromoform | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.35 | <4.0 | 4.4 | 0.44 |
| Bromomethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | <0.97 | 10 | 1 |
| n-Butylbenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.35 | <0.71 | --- | --- |
| sec-Butylbenzene | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.33 | <0.85 | --- | --- |
| tert-Butylbenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.36 | <0.30 | --- | --- |
| Carbon tetrachloride | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.33 | <1.1 | 5 | 0.5 |
| Chlorobenzene | <0.20 | <0.20 | <0.20 | <0.41 | <0.41 | <0.41 | <0.41 | <0.24 | <0.71 | --- | --- |
| Chloroethane | <1.0 | <1.0 | <1.0 | (1) | (1) | (1) | (1) | <0.63 | <1.3 | 400 | 80 |
| Chloroform | <0.20 | <0.20 | <0.20 | <1.3 | <1.3 | <1.3 | <1.3 | <0.28 | <1.3 | 6 | 0.6 |
| Chloromethane | <0.20 | <0.20 | 1.1 | <0.24 | <u>14.3</u> | <0.24 | <0.24 | <0.81 | <2.2 | 30 | 3 |
| 2-Chlorotoluene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.21 | <0.93 | --- | --- |
| 4-Chlorotoluene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.21 | <0.76 | --- | --- |
| 1,2-Dibromo-3-chloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.88 | <1.8 | 0.2 | 0.02 |
| Dibromochloromethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.22 | <2.6 | 60 | 6 |
| 1,2-Dibromoethane (EDB) | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.44 | <0.83 | 0.05 | 0.005 |
| Dibromomethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | <0.94 | --- | --- |
| 1,2-Dichlorobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.36 | <0.71 | 600 | 60 |
| 1,3-Dichlorobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.28 | <0.63 | 600 | 120 |
| 1,4-Dichlorobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.3 | <0.94 | 75 | 15 |
| Dichlorodifluoromethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.44 | <0.50 | 1000 | 200 |
| 1,1-Dichloroethane | <0.50 | <0.50 | <0.50 | <0.75 | <0.75 | <0.75 | <0.75 | <0.3 | <0.27 | 850 | 85 |
| 1,2-Dichloroethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.41 | <0.28 | 5 | 0.5 |
| 1,1-Dichloroethene | <0.50 | <0.50 | <0.50 | <0.57 | <0.57 | <0.57 | <0.57 | <0.4 | <0.24 | 7 | 0.7 |
| cis-1,2-Dichloroethene | 1.1J | <0.50 | <0.50 | <0.83 | <0.83 | <0.83 | <0.83 | <0.38 | <0.27 | 70 | 7 |
| trans-1,2-Dichloroethene | <0.50 | <0.50 | <0.50 | <0.89 | <0.89 | <0.89 | <0.89 | <0.35 | <0.46 | 100 | 20 |
| 1,2-Dichloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.32 | <0.28 | 5 | 0.5 |
| 1,3-Dichloropropane | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.33 | <0.83 | --- | --- |
| 2,2-Dichloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.36 | <2.3 | --- | --- |
| 1,1-Dichloropropene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | --- | <0.54 | --- | --- |
| cis-1,3-Dichloropropene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | <3.6 | 0.4 | 0.04 |
| trans-1,3-Dichloropropene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | <4.4 | 0.4 | 0.04 |
| Diisopropyl ether | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.23 | <1.9 | --- | --- |
| Ethylbenzene | <0.50 | <0.50 | <0.50 | <0.54 | <0.54 | <0.54 | <0.54 | <0.55 | <0.32 | 700 | 140 |
| Hexachloro-1,3-butadiene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <1.5 | <1.5 | --- | --- |
| Isopropylbenzene (Cumene) | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.3 | <1.7 | --- | --- |
| p-Isopropyltoluene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.31 | <0.80 | --- | --- |
| Methylene Chloride | <1.0 | <1.0 | <1.0 | (1) | (1) | (1) | (1) | <0.5 | <0.58 | 5 | 0.5 |
| Methyl-tert-butyl ether | <0.50 | <0.50 | <0.50 | <0.61 | <0.61 | <0.61 | <0.61 | <0.23 | <1.2 | 60 | 12 |
| Naphthalene | <0.25 | <0.25 | <0.25 | <0.89 | <0.89 | <0.89 | <0.89 | <1.7 | <1.2 | 100 | 10 |
| n-Propylbenzene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.25 | <0.81 | --- | --- |
| Styrene | <0.20 | <0.20 | <0.20 | <0.86 | <0.86 | <0.86 | <0.86 | --- | <3.0 | 100 | 10 |
| 1,1,1,2-Tetrachloroethane | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.33 | <0.27 | 70 | 7 |
| 1,1,2,2-Tetrachloroethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.45 | <0.28 | 0.2 | 0.02 |
| Tetrachlorethene | <0.50 | <0.50 | <0.50 | <0.45 | <0.45 | <0.45 | <0.45 | <0.33 | <0.33 | 5 | 0.5 |
| Toluene | 0.26J | <0.20 | <0.20 | <0.67 | <0.67 | <0.67 | <0.67 | <0.69 | <0.27 | 800 | 160 |
| 1,2,3-Trichlorobenzene | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <1.8 | <2.2 | --- | --- |
| 1,2,4-Trichlorobenzene | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.98 | <0.95 | 70 | 14 |
| 1,1,1-Trichloroethane | <0.50 | <0.50 | <0.50 | <0.90 | <0.90 | <0.90 | <0.90 | <0.33 | <0.24 | 200 | 40 |
| 1,1,2-Trichloroethane | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.34 | <0.55 | 5 | 0.5 |
| Trichloroethene | 0.26J | <0.20 | <0.20 | <0.48 | <0.48 | <0.48 | <0.48 | <0.33 | <0.26 | 5 | 0.5 |
| Trichlorofluoromethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.71 | <0.21 | --- | --- |
| 1,2,3-Trichloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | --- | <0.59 | 60 | 12 |
| 1,2,4-Trimethylbenzene | <0.20 | <0.20 | <0.20 | <0.97 | <0.97 | <0.97 | <0.97 | <2.2 | <0.84 | --- | --- |
| 1,3,5-Trimethylbenzene | <0.20 | <0.20 | <0.20 | <0.83 | <0.83 | <0.83 | <0.83 | <1.4 | <0.87 | --- | --- |
| Total Trimethylbenzene | <0.40 | <0.40 | <0.40 | <1.80 | <1.80 | <1.80 | <1.80 | <3.6 | <1.71 | 480* | 96* |
| vinyl chloride | <0.20 | <0.20 | <0.20 | <0.18 | <0.18 | <0.18 | <0.18 | <0.18 | <0.17 | 0.2 | 0.02 |
| m&p-Xylene | --- | --- | --- | --- | --- | --- | --- | <0.69 | <0.47 | --- | --- |
| o-Xylene | --- | --- | --- | --- | --- | --- | --- | <0.63 | <0.26 | --- | --- |
| Xylenes(total) | <0.50 | <0.50 | <0.50 | <1.8 | <1.8 | <1.8 | <1.8 | <1.32 | <0.73 | 2000** | 400** |

Notes:

- - not analyzed OR no standard established
- (1) - Data was not available from BRRTS on the Web
- * - total value for 1,2,4 and 1,3,5 trimethylbenzenes
- ** - total value for m, p, o Xylenes

Bold concentrations exceed NR 140 ES

DUP - Duplicate sample

ES - enforcement standard

Italicized and underlined concentrations exceed NR 140 PAL

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

µg/L - micrograms per liter

PAL - preventive action limit

VOCs - volatile organic compounds

Table A.1. Groundwater Analytical
BRRS#: 02-30-545024
Twin Lakes Laundry
111 South Lake Avenue, Twin Lakes, WI

| | MW-2 10/20/06 | MW-2 3/21/07 | MW-2 9/14/07 | MW-2 10/30/08 | MW-2 4/30/09 | MW-2 10/23/09 | MW-2 4/16/10 | MW-2 10/16/14 | MW-2 7/13/20 | NR 140.10 Table 1 ES | NR 140.10 Table 1 PAL |
|----------------------------|---------------|--------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|-------------------------|--------------------------|
| VOCs (ug/L) | | | | | | | | | | | |
| Benzene | <0.20 | <0.20 | <0.20 | <0.41 | <0.41 | <0.41 | <0.41 | <0.24 | <0.25 | 5 | 0.5 |
| Bromobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.32 | <0.24 | --- | --- |
| Bromochloromethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | --- | <0.36 | --- | --- |
| Bromodichloromethane | <0.20 | <0.20 | <0.20 | <0.56 | <0.56 | <0.56 | <0.56 | <0.37 | <0.36 | 0.6 | 0.06 |
| Bromoform | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.35 | <4.0 | 4.4 | 0.44 |
| Bromomethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | <0.97 | 10 | 1 |
| n-Butylbenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.35 | <0.71 | --- | --- |
| sec-Butylbenzene | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.33 | <0.85 | --- | --- |
| tert-Butylbenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.36 | <0.30 | --- | --- |
| Carbon tetrachloride | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.33 | <1.1 | 5 | 0.5 |
| Chlorobenzene | <0.20 | <0.20 | <0.20 | <0.41 | <0.41 | <0.41 | <0.41 | <0.24 | <0.71 | --- | --- |
| Chloroethane | <0.20 | <1.0 | <1.0 | (1) | (1) | (1) | (1) | <0.63 | <1.3 | 400 | 80 |
| Chloroform | <0.20 | <0.20 | <0.20 | <1.3 | <1.3 | <1.3 | <1.3 | <0.28 | <1.3 | 6 | 0.6 |
| Chloromethane | <0.20 | <0.20 | 1.4 | <0.24 | <u>14.3</u> | <0.24 | <0.24 | <0.81 | <2.2 | 30 | 3 |
| 2-Chlorotoluene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.21 | <0.93 | --- | --- |
| 4-Chlorotoluene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.21 | <0.76 | --- | --- |
| 1,2Dibromo-3-chloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.88 | <1.8 | 0.2 | 0.02 |
| Dibromochloromethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.22 | <2.6 | 60 | 6 |
| 1,2-Dibromoethane (EDB) | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.44 | <0.83 | 0.05 | 0.005 |
| Dibromomethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | <0.94 | --- | --- |
| 1,2-Dichlorobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.36 | <0.71 | 600 | 60 |
| 1,3-Dichlorobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.28 | <0.63 | 600 | 120 |
| 1,4-Dichlorobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.3 | <0.94 | 75 | 15 |
| Dichlorodifluoromethane | <0.50 | <0.50 | <0.20 | (1) | (1) | (1) | (1) | <0.44 | <0.50 | 1000 | 200 |
| 1,1-Dichloroethane | <0.50 | <0.50 | <0.50 | <0.75 | <0.75 | <0.75 | <0.75 | <0.3 | <0.27 | 850 | 85 |
| 1,2-Dichloroethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.41 | <0.28 | 5 | 0.5 |
| 1,1-Dichloroethene | <0.50 | <0.50 | <0.50 | <0.57 | <0.57 | <0.57 | <0.57 | <0.4 | <0.24 | 7 | 0.7 |
| cis-1,2-Dichloroethene | <u>8.7</u> | <u>7.5</u> | <u>7.6</u> | 3 | 1.7 | 2.2 | 1.8 | 4.9 | 0.58J | 70 | 7 |
| trans-1,2-Dichloroethene | 2.8 | 2.5 | 2.5 | 0.93 | <0.89 | 1 | <0.89 | 1.46 | <0.46 | 100 | 20 |
| 1,2-Dichloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.32 | <0.28 | 5 | 0.5 |
| 1,3-Dichloropropane | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.33 | <0.83 | --- | --- |
| 2,2-Dichloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.36 | <2.3 | --- | --- |
| 1,1-Dichloropropene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | --- | <0.54 | --- | --- |
| cis-1,3-Dichloropropene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | <3.6 | 0.4 | 0.04 |
| trans-1,3-Dichloropropene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | <4.4 | 0.4 | 0.04 |
| Diisopropyl ether | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.23 | <1.9 | --- | --- |
| Ethylbenzene | <0.50 | <0.50 | <0.50 | <0.54 | <0.54 | <0.54 | <0.54 | <0.55 | <0.32 | 700 | 140 |
| Hexachloro-1,3-butadiene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <1.5 | <1.5 | --- | --- |
| Isopropylbenzene (Cumene) | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.3 | <1.7 | --- | --- |
| p-Isopropyltoluene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.31 | <0.80 | --- | --- |
| Methylene Chloride | <1.0 | <1.0 | <1.0 | (1) | (1) | (1) | (1) | <0.5 | <0.58 | 5 | 0.5 |
| Methyl-tert-butyl ether | 4.0 | 1.9 | <0.50 | <0.61 | <0.61 | <0.61 | <0.61 | <0.23 | <1.2 | 60 | 12 |
| Naphthalene | <0.25 | <0.25 | <0.25 | <0.89 | <0.89 | <0.89 | <0.89 | <1.7 | <1.2 | 100 | 10 |
| n-Propylbenzene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.25 | <0.81 | --- | --- |
| Styrene | <0.20 | <0.20 | <0.20 | <0.86 | <0.86 | <0.86 | <0.86 | --- | <3.0 | 100 | 10 |
| 1,1,1,2-Tetrachloroethane | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.33 | <0.27 | 70 | 7 |
| 1,1,2,2-Tetrachloroethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.45 | <0.28 | 0.2 | 0.02 |
| Tetrachlorethene | 73 | 70 | 94 | 153 | 124 | 149 | 54.1 | 86 | 38.4 | 5 | 0.5 |
| Toluene | 0.41J | 0.30J | 0.22J | <0.67 | <0.67 | <0.67 | <0.67 | <0.69 | 0.33J | 800 | 160 |
| 1,2,3-Trichlorobenzene | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <1.8 | <2.2 | --- | --- |
| 1,2,4-Trichlorobenzene | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.98 | <0.95 | 70 | 14 |
| 1,1,1-Trichloroethane | <0.50 | <0.50 | <0.50 | <0.90 | <0.90 | <0.90 | <0.90 | <0.33 | <0.24 | 200 | 40 |
| 1,1,2-Trichlorethane | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.34 | <0.55 | 5 | 0.5 |
| Trichlorethene | 20 | 17 | 19 | 16.9 | 11.9 | 15 | 6.2 | 9.2 | 2.6 | 5 | 0.5 |
| Trichlorofluoromethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.71 | <0.21 | --- | --- |
| 1,2,3-Trichloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | --- | <0.59 | 60 | 12 |
| 1,2,4-Trimethylbenzene | <0.20 | <0.20 | <0.20 | <0.97 | <0.97 | <0.97 | <0.97 | <2.2 | <0.84 | --- | --- |
| 1,3,5-Trimethylbenzene | <0.20 | <0.20 | <0.20 | <0.83 | <0.83 | <0.83 | <0.83 | <1.4 | <0.87 | --- | --- |
| Total Trimethylbenzene | <0.40 | <0.40 | <0.40 | <0.97 | <0.97 | <0.97 | <0.97 | <2.2 | <1.17 | 480* | 96* |
| vinyl chloride | <0.20 | <0.20 | <0.20 | <0.18 | <0.18 | <0.18 | <0.18 | <0.18 | <0.17 | 0.2 | 0.02 |
| m&p-Xylene | --- | --- | --- | --- | --- | --- | --- | <0.69 | <0.47 | --- | --- |
| o-Xylene | --- | --- | --- | --- | --- | --- | --- | <0.63 | <0.26 | --- | --- |
| Xylenes(total) | <0.50 | <0.50 | <0.50 | <1.8 | <1.8 | <1.8 | <1.8 | <1.32 | <0.73 | 2000** | 400** |

Notes:

- - not analyzed OR no standard established
- (1) - Data was not available from BRRS on the Web
- * - total value for 1,2,4 and 1,3,5 trimethylbenzenes
- ** - total value for m, p, o Xylenes

Bold concentrations exceed NR 140 ES

DUP - Duplicate sample

ES - enforcement standard

Italicized and underlined concentrations exceed NR 140 PAL

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

µg/L - micrograms per liter

PAL - preventive action limit

TRIP - trip blank for QA/QC

VOCs - volatile organic compounds

Table A.1. Groundwater Analytical
BRRTS#: 02-30-545024
Twin Lakes Laundry
111 South Lake Avenue, Twin Lakes, WI

| | MW-3 10/20/06 | MW-3 3/21/07 | MW-3 9/14/07 | MW-3 10/30/08 | MW-3 4/30/09 | MW-3 10/23/09 | MW-3 4/16/10 | MW-3 10/16/14 | MW-3 (Dup) 10/16/14 | MW-3 7/13/20 | NR 140.10 Table 1 ES | NR 140.10 Table 1 PAL |
|-----------------------------|---------------|--------------|--------------|---------------|--------------|---------------|--------------|---------------|------------------------|--------------|-------------------------|--------------------------|
| VOCs (ug/L) | | | | | | | | | | | | |
| Benzene | 0.34J | <8.0 | <6.4 | <16.4 | <8.2 | <10.2 | <10.2 | <60 | <60 | <0.25 | 5 | 0.5 |
| Bromobenzene | <0.20 | <8.0 | <6.4 | (1) | (1) | (1) | (1) | <80 | <80 | <0.24 | --- | --- |
| Bromochloromethane | <0.50 | <20 | <16 | (1) | (1) | (1) | (1) | --- | --- | <0.36 | --- | --- |
| Bromodichloromethane | <0.20 | <8.0 | <6.4 | <22.4 | <11.2 | <14 | <14 | <92.5 | <92.5 | <0.36 | 0.6 | 0.06 |
| Bromoform | <0.20 | <8.0 | <6.4 | (1) | (1) | (1) | (1) | <87.5 | <87.5 | <4.0 | 4.4 | 0.44 |
| Bromomethane | <0.20 | <8.0 | <6.4 | (1) | (1) | (1) | (1) | --- | --- | <0.97 | 10 | 1 |
| n-Butylbenzene | <0.20 | <8.0 | <6.4 | (1) | (1) | (1) | (1) | <87.5 | <87.5 | <0.71 | --- | --- |
| sec-Butylbenzene | <0.25 | <10 | <8.0 | (1) | (1) | (1) | (1) | <82.5 | <82.5 | <0.85 | --- | --- |
| tert-Butylbenzene | <0.20 | <8.0 | <6.4 | (1) | (1) | (1) | (1) | <90 | <90 | <0.30 | --- | --- |
| Carbon tetrachloride | <0.50 | <20 | <16 | (1) | (1) | (1) | (1) | <82.5 | <82.5 | <1.1 | 5 | 0.5 |
| Chlorobenzene | 0.31J | <8.0 | <6.4 | <16.4 | <8.2 | <10.2 | <10.2 | <60 | <60 | <0.71 | --- | --- |
| Chloroethane | <1.0 | <40 | <32 | (1) | (1) | (1) | (1) | <157.5 | <157.5 | <1.3 | 400 | 80 |
| Chloroform | <0.20 | <8.0 | <6.4 | <52 | <26 | <32.5 | <32.5 | <70 | <70 | <1.3 | 6 | 0.6 |
| Chloromethane | <0.20 | <8.0 | <6.4 | <9.6 | <4.8 | <6.0 | <6.0 | <202.5 | <202.5 | <2.2 | 30 | 3 |
| 2-Chlorotoluene | <0.50 | <20 | <16 | (1) | (1) | (1) | (1) | <52.5 | <52.5 | <0.93 | --- | --- |
| 4-Chlorotoluene | <0.20 | <8.0 | <6.4 | (1) | (1) | (1) | (1) | <52.5 | <52.5 | <0.76 | --- | --- |
| 1,2-Dibromo-3-chloropropane | <0.50 | <20 | <16 | (1) | (1) | (1) | (1) | <220 | <220 | <1.8 | 0.2 | 0.02 |
| Dibromochloromethane | <0.20 | <8.0 | <6.4 | (1) | (1) | (1) | (1) | <55 | <55 | <2.6 | 60 | 6 |
| 1,2-Dibromoethane (EDB) | <0.20 | <8.0 | <6.4 | (1) | (1) | (1) | (1) | <110 | <110 | <0.83 | 0.05 | 0.005 |
| Dibromomethane | <0.20 | <8.0 | <6.4 | (1) | (1) | (1) | (1) | --- | --- | <0.94 | --- | --- |
| 1,2-Dichlorobenzene | <0.20 | <8.0 | <6.4 | (1) | (1) | (1) | (1) | <90 | <90 | <0.71 | 600 | 60 |
| 1,3-Dichlorobenzene | <0.20 | <8.0 | <6.4 | (1) | (1) | (1) | (1) | <70 | <70 | <0.63 | 600 | 120 |
| 1,4-Dichlorobenzene | <0.20 | <8.0 | <6.4 | (1) | (1) | (1) | (1) | <75 | <75 | <0.94 | 75 | 15 |
| Dichlorodifluoromethane | <0.50 | <8.0 | <16 | (1) | (1) | (1) | (1) | <110 | <110 | <0.50 | 1000 | 200 |
| 1,1-Dichloroethane | <0.50 | <20 | <16 | <30 | <15 | <18.8 | <18.8 | <75 | <75 | <0.27 | 850 | 85 |
| 1,2-Dichloroethane | <0.50 | <20 | <16 | (1) | (1) | (1) | (1) | <102.5 | <102.5 | <0.28 | 5 | 0.5 |
| 1,1-Dichloroethene | <u>2.5</u> | <20 | <16 | <22.8 | <11.4 | <14.2 | <14.2 | <100 | <100 | <0.24 | 7 | 0.7 |
| cis-1,2-Dichloroethene | 5100 | 1200 | 1800 | 808 | 533 | 468 | 495 | 1950 | 2160 | 83.7 | 70 | 7 |
| trans-1,2-Dichloroethene | <u>48</u> | <20 | 19J | <35.6 | <u>40.2</u> | <22.2 | <22.2 | <87.5 | <87.5 | 0.63J | 100 | 20 |
| 1,2-Dichloropropane | <0.50 | <20 | <16 | (1) | (1) | (1) | (1) | <80 | <80 | <0.28 | 5 | 0.5 |
| 1,3-Dichloropropane | <0.25 | <10 | <8.0 | (1) | (1) | (1) | (1) | <82.5 | <82.5 | <0.83 | --- | --- |
| 2,2-Dichloropropane | <0.50 | <20 | <16 | (1) | (1) | (1) | (1) | <90 | <90 | <2.3 | --- | --- |
| 1,1-Dichloropropene | <0.50 | <20 | <16 | (1) | (1) | (1) | (1) | --- | --- | <0.54 | --- | --- |
| cis-1,3-Dichloropropene | <0.20 | <8.0 | <6.4 | (1) | (1) | (1) | (1) | --- | --- | <3.6 | 0.4 | 0.04 |
| trans-1,3-Dichloropropene | <0.20 | <8.0 | <6.4 | (1) | (1) | (1) | (1) | --- | --- | <4.4 | 0.4 | 0.04 |
| Diisopropyl ether | <0.50 | <10 | <16 | (1) | (1) | (1) | (1) | <57.5 | <57.5 | <1.9 | --- | --- |
| Ethylbenzene | <0.50 | <20 | <16 | <21.6 | <10.8 | <13.5 | <13.5 | <137.5 | <137.5 | <0.32 | 700 | 140 |
| Hexachloro-1,3-butadiene | <0.50 | <20 | <16 | (1) | (1) | (1) | (1) | <375 | <375 | <1.5 | --- | --- |
| Isopropylbenzene (Cumene) | <0.20 | <20 | <6.4 | (1) | (1) | (1) | (1) | <75 | <75 | <1.7 | --- | --- |
| p-Isopropyltoluene | <0.20 | <8.0 | <6.4 | (1) | (1) | (1) | (1) | <77.5 | <77.5 | <0.80 | --- | --- |
| Methylene Chloride | <1.0 | <40 | <32 | (1) | (1) | (1) | (1) | <125 | <125 | <0.58 | 5 | 0.5 |
| Methyl-tert-butyl ether | 7.9 | <20 | <16 | <24.4 | <12.2 | <15.2 | <15.2 | <57.5 | <57.5 | <1.2 | 60 | 12 |
| Naphthalene | <0.25 | <10 | <8.0 | <35.6 | <17.8 | <22.2 | <22.2 | <425 | <425 | <1.2 | 100 | 10 |
| n-Propylbenzene | <0.50 | <20 | <16 | (1) | (1) | (1) | (1) | <62.5 | <62.5 | <0.81 | --- | --- |
| Styrene | <0.20 | <8.0 | <6.4 | <34.4 | <17.2 | <21.5 | <21.5 | --- | --- | <3.0 | 100 | 10 |
| 1,1,1,2-Tetrachloroethane | <0.25 | <10 | <8.0 | (1) | (1) | (1) | (1) | <82.5 | <82.5 | <0.27 | 70 | 7 |
| 1,1,2,2-Tetrachloroethane | <0.20 | <8.0 | <6.4 | (1) | (1) | (1) | (1) | <112.5 | <112.5 | <0.28 | 0.2 | 0.02 |
| Tetrachlorethene | 1900 | 1600 | 2500 | 2650 | 3350 | 3640 | 3050 | 12300 | 12300 | 246 | 5 | 0.5 |
| Toluene | 0.93 | <8.0 | <6.4 | <26.8 | <13.4 | <16.8 | <16.8 | <172.5 | <172.5 | <0.27 | 800 | 160 |
| 1,2,3-Trichlorobenzene | <0.25 | <10 | <8.0 | (1) | (1) | (1) | (1) | <450 | <450 | <2.2 | --- | --- |
| 1,2,4-Trichlorobenzene | <0.25 | <10 | <8.0 | (1) | (1) | (1) | (1) | <245 | <245 | <0.95 | 70 | 14 |
| 1,1,1-Trichloroethane | <0.50 | <20 | <16 | <36 | <18 | <22.5 | <22.5 | <82.5 | <82.5 | <0.24 | 200 | 40 |
| 1,1,2-Trichloroethane | <0.25 | <10 | <8.0 | (1) | (1) | (1) | (1) | <85 | <85 | <0.55 | 5 | 0.5 |
| Trichloroethene | 350 | 470 | 1100 | 1090 | 1240 | 991 | 1070 | 3200 | 3150 | 119 | 5 | 0.5 |
| Trichlorofluoromethane | <0.50 | <20 | <16 | (1) | (1) | (1) | (1) | <177.5 | <177.5 | <0.21 | --- | --- |
| 1,2,3-Trichloropropane | <0.20 | <20 | <6.4 | (1) | (1) | (1) | (1) | --- | --- | <0.59 | 60 | 12 |
| 1,2,4-Trimethylbenzene | <0.20 | <8.0 | <6.4 | <38.8 | 19.4 | <24.2 | <24.2 | <550 | <550 | <0.84 | --- | --- |
| 1,3,5-Trimethylbenzene | <0.20 | <8.0 | <6.4 | <33.2 | 16.6 | <20.8 | <20.8 | <350 | <350 | <0.87 | --- | --- |
| Total Trimethylbenzene | <0.40 | <16.0 | <12.8 | <72.0 | 36 | <45 | <24.2 | <550 | <550 | <1.71 | 480* | 96* |
| vinyl chloride | 1.7 | <8.0 | <6.4 | <7.2 | <3.6 | <4.5 | <4.5 | <45 | <45 | <0.17 | 0.2 | 0.02 |
| m&p-Xylene | --- | --- | --- | --- | --- | --- | --- | --- | <172.5 | <0.47 | --- | --- |
| o-Xylene | --- | --- | --- | --- | --- | --- | --- | --- | <157.5 | <0.26 | --- | --- |
| Xylenes(total) | <0.50 | <20 | <16 | <72 | <36 | <45 | <45 | <172.5 | <329.5 | <0.73 | 2000** | 400** |

Notes:

--- - not analyzed OR no standard established

(1) - Data was not available from BRRTS on the Web

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

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

Bold concentrations exceed NR 140 ES

DUP - Duplicate sample

ES - enforcement standard

Italicized and underlined concentrations exceed NR 140 PAL

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

µg/L - micrograms per liter

PAL - preventive action limit

TRIP - trip blank for QA/QC

VOCs - volatile organic compounds

**Table A.1. Groundwater Analytical
BRRTS#: 02-30-545024
Twin Lakes Laundry
111 South Lake Avenue, Twin Lakes, WI**

| VOCs (ug/L) | MW-4 10/20/06 | MW-4 3/21/07 | MW-4 9/14/07 | MW-4 10/30/08 | MW-4 4/30/09 | MW-4 10/23/09 | MW-4 4/16/10 | MW-4 10/16/14 | MW-4 7/13/20 | NR 140.10 Table 1 ES | NR 140.10 Table 1 PAL |
|-----------------------------|---------------|--------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|-------------------------|--------------------------|
| | Benzene | 0.20J | <0.20 | <0.20 | <0.41 | <0.41 | <0.41 | <0.41 | <0.24 | <0.25 | 5 |
| Bromobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.32 | <0.24 | --- | --- |
| Bromochloromethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | --- | <0.36 | --- | --- |
| Bromodichloromethane | <0.20 | <0.20 | <0.20 | <0.56 | <0.56 | <0.56 | <0.56 | <0.37 | <0.36 | 0.6 | 0.06 |
| Bromoform | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.35 | <4.0 | 4.4 | 0.44 |
| Bromomethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | <0.97 | 10 | 1 |
| n-Butylbenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.35 | <0.71 | --- | --- |
| sec-Butylbenzene | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.33 | <0.85 | --- | --- |
| tert-Butylbenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.36 | <0.30 | --- | --- |
| Carbon tetrachloride | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.33 | <1.1 | 5 | 0.5 |
| Chlorobenzene | <0.20 | <0.20 | <0.20 | <0.41 | <0.41 | <0.41 | <0.41 | <0.24 | <0.71 | --- | --- |
| Chloroethane | <1.0 | <1.0 | <1.0 | (1) | (1) | (1) | (1) | <0.63 | <1.3 | 400 | 80 |
| Chloroform | <0.20 | <0.20 | <0.20 | <1.3 | <1.3 | <1.3 | <1.3 | <0.28 | <1.3 | 6 | 0.6 |
| Chloromethane | <0.20 | <0.20 | 0.87 | <0.24 | <0.24 | <0.24 | <0.24 | <0.81 | <2.2 | 30 | 3 |
| 2-Chlorotoluene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.21 | <0.93 | --- | --- |
| 4-Chlorotoluene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.21 | <0.76 | --- | --- |
| 1,2-Dibromo-3-chloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.88 | <1.8 | 0.2 | 0.02 |
| Dibromochloromethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.22 | <2.6 | 60 | 6 |
| 1,2-Dibromoethane (EDB) | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.44 | <0.83 | 0.05 | 0.005 |
| Dibromomethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | <0.94 | --- | --- |
| 1,2-Dichlorobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.36 | <0.71 | 600 | 60 |
| 1,3-Dichlorobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.28 | <0.63 | 600 | 120 |
| 1,4-Dichlorobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.3 | <0.94 | 75 | 15 |
| Dichlorodifluoromethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.44 | <0.50 | 1000 | 200 |
| 1,1-Dichloroethane | <0.50 | <0.50 | <0.50 | <0.75 | <0.75 | <0.75 | <0.75 | <0.3 | <0.27 | 850 | 85 |
| 1,2-Dichloroethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.41 | <0.28 | 5 | 0.5 |
| 1,1-Dichloroethene | <0.50 | <0.50 | <0.50 | <0.57 | <0.57 | <0.57 | <0.57 | <0.4 | <0.24 | 7 | 0.7 |
| cis-1,2-Dichloroethene | 0.84J | <0.50 | <0.50 | <0.83 | <0.83 | <0.83 | <0.83 | <0.38 | <0.27 | 70 | 7 |
| trans-1,2-Dichloroethene | <0.50 | <0.50 | <0.50 | <0.89 | <0.89 | <0.89 | <0.89 | <0.35 | <0.46 | 100 | 20 |
| 1,2-Dichloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.32 | <0.28 | 5 | 0.5 |
| 1,3-Dichloropropane | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.33 | <0.83 | --- | --- |
| 2,2-Dichloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.36 | <2.3 | --- | --- |
| 1,1-Dichloropropene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | --- | <0.54 | --- | --- |
| cis-1,3-Dichloropropene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | <3.6 | 0.4 | 0.04 |
| trans-1,3-Dichloropropene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | <4.4 | 0.4 | 0.04 |
| Diisopropyl ether | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.23 | <1.9 | --- | --- |
| Ethylbenzene | <0.50 | <0.50 | <0.50 | <0.54 | <0.54 | <0.54 | <0.54 | <0.55 | <0.32 | 700 | 140 |
| Hexachloro-1,3-butadiene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <1.5 | <1.5 | --- | --- |
| Isopropylbenzene (Cumene) | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.3 | <1.7 | --- | --- |
| p-Isopropyltoluene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.31 | <0.80 | --- | --- |
| Methylene Chloride | <1.0 | <1.0 | <1.0 | (1) | (1) | (1) | (1) | <0.5 | <0.58 | 5 | 0.5 |
| Methyl-tert-butyl ether | <0.50 | <0.50 | <0.50 | <0.61 | <0.61 | <0.61 | <0.61 | <0.23 | <1.2 | 60 | 12 |
| Naphthalene | <0.25 | <0.25 | <0.25 | <0.89 | <0.89 | <0.89 | <0.89 | <1.7 | <1.2 | 100 | 10 |
| n-Propylbenzene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.25 | <0.81 | --- | --- |
| Styrene | <0.20 | <0.20 | <0.20 | <0.86 | <0.86 | <0.86 | <0.86 | --- | <3.0 | 100 | 10 |
| 1,1,1,2-Tetrachloroethane | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.33 | <0.27 | 70 | 7 |
| 1,1,1,2,2-Tetrachloroethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.45 | <0.28 | 0.2 | 0.02 |
| Tetrachlorethene | <u>1.4J</u> | <0.50 | <0.50 | <0.45 | <0.45 | <0.45 | <0.45 | <0.33 | <0.33 | 5 | 0.5 |
| Toluene | 0.59J | 0.74 | 0.41J | <0.67 | <0.67 | <0.67 | <0.67 | <0.69 | <0.27 | 800 | 160 |
| 1,2,3-Trichlorobenzene | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <1.8 | <2.2 | --- | --- |
| 1,2,4-Trichlorobenzene | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.98 | <0.95 | 70 | 14 |
| 1,1,1-Trichloroethane | <0.50 | <0.50 | <0.50 | <0.90 | <0.90 | <0.90 | <0.90 | <0.33 | <0.24 | 200 | 40 |
| 1,1,2-Trichloroethane | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.34 | <0.55 | 5 | 0.5 |
| Trichlorethene | <u>0.51J</u> | <0.20 | <0.20 | <0.48 | <0.48 | <0.48 | <0.48 | <0.33 | <0.26 | 5 | 0.5 |
| Trichlorofluoromethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.71 | <0.21 | --- | --- |
| 1,2,3-Trichloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | --- | <0.59 | 60 | 12 |
| 1,2,4-Trimethylbenzene | <0.20 | 0.33J | <0.20 | <0.97 | <0.97 | <0.97 | <0.97 | <2.2 | <0.84 | --- | --- |
| 1,3,5-Trimethylbenzene | <0.20 | <0.20 | <0.20 | <0.83 | <0.83 | <0.83 | <0.83 | <1.4 | <0.87 | --- | --- |
| Total Trimethylbenzene | <0.40 | 0.43 | <0.40 | <1.80 | <1.80 | <1.80 | <1.80 | <3.6 | <1.71 | 480* | 96* |
| vinyl chloride | <0.20 | <0.20 | <0.20 | <0.18 | <0.18 | <0.18 | <0.18 | <0.18 | <0.17 | 0.2 | 0.02 |
| m&p-Xylene | --- | --- | --- | --- | --- | --- | --- | <0.69 | <0.47 | --- | --- |
| o-Xylene | --- | --- | --- | --- | --- | --- | --- | <0.63 | <0.26 | --- | --- |
| Xylenes(total) | <0.50 | 0.51J | <0.50 | <1.8 | <1.8 | <1.8 | <1.8 | <1.32 | <0.73 | 2000** | 400** |

Notes:

- - not analyzed OR no standard established
- (1) - Data was not available from BRRTS on the Web
- * - total value for 1,2,4 and 1,3,5 trimethylbenzenes
- ** - total value for m, p, o Xylenes

Bold concentrations exceed NR 140 ES

DUP - Duplicate sample

ES - enforcement standard

Italicized and underlined concentrations exceed NR 140 PAL

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

ug/L - micrograms per liter

PAL - preventive action limit

TRIP - trip blank for QA/QC

VOCs - volatile organic compounds

**Table A.1. Groundwater Analytical
BRRTS#: 02-30-545024
Twin Lakes Laundry
111 South Lake Avenue, Twin Lakes, WI**

| | MW-5 10/20/06 | MW-5 3/21/07 | MW-5 9/14/07 | MW-5 10/30/08 | MW-5 4/30/09 | MW-5 10/23/09 | MW-5 4/16/10 | MW-5 10/16/14 | MW-5 7/13/20 | NR 140.10 Table 1 ES | NR 140.10 Table 1 PAL |
|-----------------------------|------------------|--------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|-------------------------|--------------------------|
| VOCs (ug/L) | | | | | | | | | | | |
| Benzene | <0.20 | <0.20 | <0.20 | <0.41 | <0.41 | <0.41 | <0.41 | <0.24 | <0.25 | 5 | 0.5 |
| Bromobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.32 | <0.24 | --- | --- |
| Bromochloromethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | --- | <0.36 | --- | --- |
| Bromodichloromethane | <0.20 | <0.20 | <0.20 | <0.56 | <0.56 | <0.56 | <0.56 | <0.37 | <0.36 | 0.6 | 0.06 |
| Bromoform | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.35 | <4.0 | 4.4 | 0.44 |
| Bromomethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | <0.97 | 10 | 1 |
| n-Butylbenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.35 | <0.71 | --- | --- |
| sec-Butylbenzene | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.33 | <0.85 | --- | --- |
| tert-Butylbenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.36 | <0.30 | --- | --- |
| Carbon tetrachloride | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.33 | <1.1 | 5 | 0.5 |
| Chlorobenzene | <0.20 | <0.20 | <0.20 | <0.41 | <0.41 | <0.41 | <0.41 | <0.24 | <0.71 | --- | --- |
| Chloroethane | <1.0 | <1.0 | <1.0 | (1) | (1) | (1) | (1) | <0.63 | <1.3 | 400 | 80 |
| Chloroform | <0.20 | <0.20 | 0.56J | <1.3 | <1.3 | <1.3 | <1.3 | <0.28 | <1.3 | 6 | 0.6 |
| Chloromethane | <0.20 | <0.20 | 1.3 | <0.24 | <0.24 | <0.24 | <0.24 | <0.81 | <2.2 | 30 | 3 |
| 2-Chlorotoluene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.21 | <0.93 | --- | --- |
| 4-Chlorotoluene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.21 | <0.76 | --- | --- |
| 1,2-Dibromo-3-chloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.88 | <1.8 | 0.2 | 0.02 |
| Dibromochloromethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.22 | <2.6 | 60 | 6 |
| 1,2-Dibromoethane (EDB) | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.44 | <0.83 | 0.05 | 0.005 |
| Dibromomethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | <0.94 | --- | --- |
| 1,2-Dichlorobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.36 | <0.71 | 600 | 60 |
| 1,3-Dichlorobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.28 | <0.63 | 600 | 120 |
| 1,4-Dichlorobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.3 | <0.94 | 75 | 15 |
| Dichlorodifluoromethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.44 | <0.50 | 1000 | 200 |
| 1,1-Dichloroethane | <0.50 | <0.50 | <0.50 | <0.75 | <0.75 | <0.75 | <0.75 | <0.3 | <0.27 | 850 | 85 |
| 1,2-Dichloroethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.41 | <0.28 | 5 | 0.5 |
| 1,1-Dichloroethene | <0.50 | <0.50 | <0.50 | <0.57 | <0.57 | <0.57 | <0.57 | <0.4 | <0.24 | 7 | 0.7 |
| cis-1,2-Dichloroethene | <0.50 | <0.50 | 1.4J | <0.83 | <0.83 | <0.83 | <0.83 | <0.38 | <0.27 | 70 | 7 |
| trans-1,2-Dichloroethene | <0.50 | <0.50 | <0.50 | <0.89 | <0.89 | <0.89 | <0.89 | <0.35 | <0.46 | 100 | 20 |
| 1,2-Dichloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.32 | <0.28 | 5 | 0.5 |
| 1,3-Dichloropropane | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.33 | <0.83 | --- | --- |
| 2,2-Dichloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.36 | <2.3 | --- | --- |
| 1,1-Dichloropropene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | --- | <0.54 | --- | --- |
| cis-1,3-Dichloropropene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | <3.6 | 0.4 | 0.04 |
| trans-1,3-Dichloropropene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | <4.4 | 0.4 | 0.04 |
| Diisopropyl ether | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.23 | <1.9 | --- | --- |
| Ethylbenzene | <0.50 | <0.50 | <0.50 | <0.54 | <0.54 | <0.54 | <0.54 | <0.55 | <0.32 | 700 | 140 |
| Hexachloro-1,3-butadiene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <1.5 | <1.5 | --- | --- |
| Isopropylbenzene (Cumene) | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.3 | <1.7 | --- | --- |
| p-Isopropyltoluene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.31 | <0.80 | --- | --- |
| Methylene Chloride | <1.0 | <1.0 | <1.0 | (1) | (1) | (1) | (1) | <0.5 | <0.58 | 5 | 0.5 |
| Methyl-tert-butyl ether | <0.50 | <0.50 | <0.50 | <0.61 | <0.61 | <0.61 | <0.61 | <0.23 | <1.2 | 60 | 12 |
| Naphthalene | <0.25 | <0.25 | <0.25 | <0.89 | <0.89 | <0.89 | <0.89 | <1.7 | <1.2 | 100 | 10 |
| n-Propylbenzene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.25 | <0.81 | --- | --- |
| Styrene | <0.20 | <0.20 | <0.20 | <0.86 | <0.86 | <0.86 | <0.86 | --- | <3.0 | 100 | 10 |
| 1,1,1,2-Tetrachloroethane | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.33 | <0.27 | 70 | 7 |
| 1,1,1,2,2-Tetrachloroethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.45 | <0.28 | 0.2 | 0.02 |
| Tetrachlorethene | <u>1.0J</u> | <0.50 | <0.50 | <0.45 | <0.45 | <0.45 | <0.45 | <0.33 | <0.33 | 5 | 0.5 |
| Toluene | 0.35J | <0.20 | 0.75 | <0.67 | <0.67 | <0.67 | <0.67 | <0.69 | <0.27 | 800 | 160 |
| 1,2,3-Trichlorobenzene | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <1.8 | <2.2 | --- | --- |
| 1,2,4-Trichlorobenzene | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.98 | <0.95 | 70 | 14 |
| 1,1,1-Trichloroethane | <0.50 | <0.50 | <0.50 | <0.90 | <0.90 | <0.90 | <0.90 | <0.33 | <0.24 | 200 | 40 |
| 1,1,2-Trichloroethane | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.34 | <0.55 | 5 | 0.5 |
| Trichlorethene | 0.21J | <0.20 | 0.21J | <0.48 | <0.48 | <0.48 | <0.48 | <0.33 | <0.26 | 5 | 0.5 |
| Trichlorofluoromethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.71 | <0.21 | --- | --- |
| 1,2,3-Trichloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | --- | <0.59 | 60 | 12 |
| 1,2,4-Trimethylbenzene | <0.20 | <0.20 | <0.20 | <0.97 | <0.97 | <0.97 | <0.97 | <2.2 | <0.84 | --- | --- |
| 1,3,5-Trimethylbenzene | <0.20 | <0.20 | <0.20 | <0.83 | <0.83 | <0.83 | <0.83 | <1.4 | <0.87 | --- | --- |
| Total Trimethylbenzene | <0.40 | <0.40 | <0.40 | <1.80 | <1.80 | <1.80 | <1.80 | <3.60 | <1.71 | 480* | 96* |
| vinyl chloride | <0.20 | <0.20 | <0.20 | <0.18 | <0.18 | <0.18 | <0.18 | <0.18 | <0.17 | 0.2 | 0.02 |
| m&p-Xylene | --- | --- | --- | --- | --- | --- | --- | <0.69 | <0.47 | --- | --- |
| o-Xylene | --- | --- | --- | --- | --- | --- | --- | <0.63 | <0.26 | --- | --- |
| Xylenes(total) | <0.50 | <0.50 | <0.50 | <1.8 | <1.8 | <1.8 | <1.8 | <1.32 | <0.73 | 2000** | 400** |

Notes:

- - not analyzed OR no standard established
- (1) - Data was not available from BRRTS on the Web
- * - total value for 1,2,4 and 1,3,5 trimethylbenzenes
- ** - total value for m, p, o Xylenes

Bold concentrations exceed NR 140 ES

DUP - Duplicate sample

ES - enforcement standard

Italicized and underlined concentrations exceed NR 140 PAL

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

µg/L - micrograms per liter

PAL - preventive action limit

TRIP - trip blank for QA/QC

VOCs - volatile organic compounds

Table A.1. Groundwater Analytical
BRRTS#: 02-30-545024
Twin Lakes Laundry
111 South Lake Avenue, Twin Lakes, WI

| VOCs (ug/L) | MW-6 | MW-6 | MW-6 | MW-6 | MW-6 | MW-6 | MW-6 | MW-6 | MW-6 | NR 140.10 | NR 140.10 |
|-----------------------------|------------|-------------|-------------|----------|---------|----------|---------|----------|-----------|------------|-------------|
| | 10/20/06 | 3/21/07 | 9/14/07 | 10/30/08 | 4/30/09 | 10/23/09 | 4/16/10 | 10/16/14 | 7/13/2020 | Table 1 ES | Table 1 PAL |
| Benzene | <0.20 | <0.20 | <0.20 | <0.41 | <0.41 | <0.41 | <0.41 | <0.24 | (2) | 5 | 0.5 |
| Bromobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.32 | (2) | --- | --- |
| Bromochloromethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | --- | (2) | --- | --- |
| Bromodichloromethane | <0.20 | <0.20 | <0.20 | <0.56 | <0.56 | <0.56 | <0.56 | <0.37 | (2) | 0.6 | 0.06 |
| Bromoform | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.35 | (2) | 4.4 | 0.44 |
| Bromomethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | (2) | 10 | 1 |
| n-Butylbenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.35 | (2) | --- | --- |
| sec-Butylbenzene | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.33 | (2) | --- | --- |
| tert-Butylbenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.36 | (2) | --- | --- |
| Carbon tetrachloride | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.33 | (2) | 5 | 0.5 |
| Chlorobenzene | <0.20 | <0.20 | <0.20 | <0.41 | <0.41 | <0.41 | <0.41 | <0.24 | (2) | --- | --- |
| Chloroethane | <1.0 | <1.0 | <1.0 | (1) | (1) | (1) | (1) | <0.63 | (2) | 400 | 80 |
| Chloroform | <0.20 | <0.20 | <0.20 | <1.3 | <1.3 | <1.3 | <1.3 | <0.28 | (2) | 6 | 0.6 |
| Chloromethane | <0.20 | <0.20 | <0.20 | <0.24 | <0.24 | <0.24 | <0.24 | <0.81 | (2) | 30 | 3 |
| 2-Chlorotoluene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.21 | (2) | --- | --- |
| 4-Chlorotoluene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.21 | (2) | --- | --- |
| 1,2-Dibromo-3-chloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.88 | (2) | 0.2 | 0.02 |
| Dibromochloromethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.22 | (2) | 60 | 6 |
| 1,2-Dibromoethane (EDB) | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.44 | (2) | 0.05 | 0.005 |
| Dibromomethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | (2) | --- | --- |
| 1,2-Dichlorobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.36 | (2) | 600 | 60 |
| 1,3-Dichlorobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.28 | (2) | 600 | 120 |
| 1,4-Dichlorobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.3 | (2) | 75 | 15 |
| Dichlorodifluoromethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.44 | (2) | 1000 | 200 |
| 1,1-Dichloroethane | <0.50 | <0.50 | <0.50 | <0.75 | <0.75 | <0.75 | <0.75 | <0.3 | (2) | 850 | 85 |
| 1,2-Dichloroethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.41 | (2) | 5 | 0.5 |
| 1,1-Dichloroethene | <0.50 | <0.50 | <0.50 | <0.57 | <0.57 | <0.57 | <0.57 | <0.4 | (2) | 7 | 0.7 |
| cis-1,2-Dichloroethene | 11 | 0.87J | 0.98J | <0.83 | 3.1 | <0.83 | 2.6 | <0.38 | (2) | 70 | 7 |
| trans-1,2-Dichloroethene | <0.50 | <0.50 | <0.50 | <0.89 | <0.89 | <0.89 | <0.89 | <0.35 | (2) | 100 | 20 |
| 1,2-Dichloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.32 | (2) | 5 | 0.5 |
| 1,3-Dichloropropane | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.33 | (2) | --- | --- |
| 2,2-Dichloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.36 | (2) | --- | --- |
| 1,1-Dichloropropene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | --- | (2) | --- | --- |
| cis-1,3-Dichloropropene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | (2) | 0.4 | 0.04 |
| trans-1,3-Dichloropropene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | (2) | 0.4 | 0.04 |
| Diisopropyl ether | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.23 | (2) | --- | --- |
| Ethylbenzene | <0.50 | <0.50 | <0.50 | <0.54 | <0.54 | <0.54 | <0.54 | <0.55 | (2) | 700 | 140 |
| Hexachloro-1,3-butadiene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <1.5 | (2) | --- | --- |
| Isopropylbenzene (Cumene) | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.3 | (2) | --- | --- |
| p-Isopropyltoluene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.31 | (2) | --- | --- |
| Methylene Chloride | <1.0 | <1.0 | <1.0 | (1) | (1) | (1) | (1) | <0.5 | (2) | 5 | 0.5 |
| Methyl-tert-butyl ether | <0.50 | <0.50 | <0.50 | <0.61 | <0.61 | <0.61 | <0.61 | <0.23 | (2) | 60 | 12 |
| Naphthalene | <0.25 | <0.25 | <0.25 | <0.89 | <0.89 | <0.89 | <0.89 | <1.7 | (2) | 100 | 10 |
| n-Propylbenzene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.25 | (2) | --- | --- |
| Styrene | <0.20 | <0.20 | <0.20 | <0.86 | <0.86 | <0.86 | <0.86 | --- | (2) | 100 | 10 |
| 1,1,1,2-Tetrachloroethane | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.33 | (2) | 70 | 7 |
| 1,1,1,2,2-Tetrachloroethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.45 | (2) | 0.2 | 0.02 |
| Tetrachlorethene | <u>1.8</u> | <0.50 | <0.50 | <0.45 | <0.45 | <0.45 | <0.45 | <0.33 | (2) | 5 | 0.5 |
| Toluene | 0.45J | 0.27J | 0.23J | <0.67 | <0.67 | <0.67 | <0.67 | <0.69 | (2) | 800 | 160 |
| 1,2,3-Trichlorobenzene | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <1.8 | (2) | --- | --- |
| 1,2,4-Trichlorobenzene | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.98 | (2) | 70 | 14 |
| 1,1,1-Trichloroethane | <0.50 | <0.50 | <0.50 | <0.90 | <0.90 | <0.90 | <0.90 | <0.33 | (2) | 200 | 40 |
| 1,1,2-Trichloroethane | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.34 | (2) | 5 | 0.5 |
| Trichloroethene | 6.0 | <u>0.93</u> | <u>0.87</u> | <0.48 | <0.48 | <0.48 | <0.48 | <0.33 | (2) | 5 | 0.5 |
| Trichlorofluoromethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.71 | (2) | --- | --- |
| 1,2,3-Trichloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | --- | (2) | 60 | 12 |
| 1,2,4-Trimethylbenzene | <0.20 | <0.20 | <0.20 | <0.97 | <0.97 | <0.97 | <0.97 | <2.2 | (2) | --- | --- |
| 1,3,5-Trimethylbenzene | <0.20 | <0.20 | <0.20 | <0.83 | <0.83 | <0.83 | <0.83 | <1.4 | (2) | --- | --- |
| Total Trimethylbenzene | <0.40 | <0.40 | <0.40 | <1.80 | <1.80 | <1.80 | <1.80 | <3.6 | (2) | 480* | 96* |
| vinyl chloride | <0.20 | <0.20 | <0.20 | <0.18 | <0.18 | <0.18 | <0.18 | <0.18 | (2) | 0.2 | 0.02 |
| m&p-Xylene | --- | --- | --- | --- | --- | --- | --- | <0.69 | (2) | --- | --- |
| o-Xylene | --- | --- | --- | --- | --- | --- | --- | <0.63 | (2) | --- | --- |
| Xylenes(total) | <0.50 | <0.50 | <0.50 | <1.8 | <1.8 | <1.8 | <1.8 | <1.32 | (2) | 2000** | 400** |

Notes:
 --- - not analyzed OR no standard established
 (1) - Data was not available from BRRTS on the Web
 (2) - Could not find monitoring well
 * - total value for 1,2,4 and 1,3,5 trimethylbenzenes
 ** - total value for m, p, o Xylenes
Bold concentrations exceed NR 140 ES
 DUP - Duplicate sample
 ES - enforcement standard
Italicized and underlined concentrations exceed NR 140 PAL
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
 µg/L - micrograms per liter
 PAL - preventive action limit
 TRIP - trip blank for QA/QC
 VOCs - volatile organic compounds

Table A.1. Groundwater Analytical
BRRTS#: 02-30-545024
Twin Lakes Laundry
111 South Lake Avenue, Twin Lakes, WI

| | MW-7 10/20/06 | MW-7 3/21/07 | MW-7 9/14/07 | MW-7 10/30/08 | MW-7 4/30/09 | MW-7 10/23/09 | MW-7 4/16/10 | MW-7 10/16/14 | MW-7 7/13/20 | NR 140.10 Table 1 ES | NR 140.10 Table 1 PAL |
|-----------------------------|------------------|--------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|-------------------------|--------------------------|
| VOCs (ug/L) | | | | | | | | | | | |
| Benzene | <0.20 | <0.20 | <0.20 | <0.41 | <0.41 | <0.41 | <0.41 | <0.24 | <0.25 | 5 | 0.5 |
| Bromobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.32 | <0.24 | --- | --- |
| Bromochloromethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | --- | <0.36 | --- | --- |
| Bromodichloromethane | <0.20 | <0.20 | <0.20 | <0.56 | <0.56 | <0.56 | <0.56 | <0.37 | <0.36 | 0.6 | 0.06 |
| Bromoform | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.35 | <4.0 | 4.4 | 0.44 |
| Bromomethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | <0.97 | 10 | 1 |
| n-Butylbenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.35 | <0.71 | --- | --- |
| sec-Butylbenzene | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.33 | <0.85 | --- | --- |
| tert-Butylbenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.36 | <0.30 | --- | --- |
| Carbon tetrachloride | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.33 | <1.1 | 5 | 0.5 |
| Chlorobenzene | <0.20 | <0.20 | <0.20 | <0.41 | <0.41 | <0.41 | <0.41 | <0.24 | <0.71 | --- | --- |
| Chloroethane | <1.0 | <1.0 | <1.0 | (1) | (1) | (1) | (1) | <0.63 | <1.3 | 400 | 80 |
| Chloroform | <0.20 | <0.20 | <0.20 | <1.3 | <1.3 | <1.3 | <1.3 | <0.28 | <1.3 | 6 | 0.6 |
| Chloromethane | <0.20 | <0.20 | 0.98 | <0.24 | <0.24 | <0.24 | <0.24 | <0.81 | <2.2 | 30 | 3 |
| 2-Chlorotoluene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.21 | <0.93 | --- | --- |
| 4-Chlorotoluene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.21 | <0.76 | --- | --- |
| 1,2-Dibromo-3-chloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.88 | <1.8 | 0.2 | 0.02 |
| Dibromochloromethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.22 | <2.6 | 60 | 6 |
| 1,2-Dibromoethane (EDB) | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.44 | <0.83 | 0.05 | 0.005 |
| Dibromomethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | <0.94 | --- | --- |
| 1,2-Dichlorobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.36 | <0.71 | 600 | 60 |
| 1,3-Dichlorobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.28 | <0.63 | 600 | 120 |
| 1,4-Dichlorobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.3 | <0.94 | 75 | 15 |
| Dichlorodifluoromethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.44 | <0.50 | 1000 | 200 |
| 1,1-Dichloroethane | <0.50 | <0.50 | <0.50 | <0.75 | <0.75 | <0.75 | <0.75 | <0.3 | <0.27 | 850 | 85 |
| 1,2-Dichloroethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.41 | <0.28 | 5 | 0.5 |
| 1,1-Dichloroethene | <0.50 | <0.50 | <0.50 | <0.57 | <0.57 | <0.57 | <0.57 | <0.4 | <0.24 | 7 | 0.7 |
| cis-1,2-Dichloroethene | <0.50 | <0.50 | <0.50 | <0.83 | <0.83 | <0.83 | <0.83 | <0.38 | <0.27 | 70 | 7 |
| trans-1,2-Dichloroethene | <0.50 | <0.50 | <0.50 | <0.89 | <0.89 | <0.89 | <0.89 | <0.35 | <0.46 | 100 | 20 |
| 1,2-Dichloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.32 | <0.28 | 5 | 0.5 |
| 1,3-Dichloropropane | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.33 | <0.83 | --- | --- |
| 2,2-Dichloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.36 | <2.3 | --- | --- |
| 1,1-Dichloropropene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | --- | <0.54 | --- | --- |
| cis-1,3-Dichloropropene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | <3.6 | 0.4 | 0.04 |
| trans-1,3-Dichloropropene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | <4.4 | 0.4 | 0.04 |
| Diisopropyl ether | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.23 | <1.9 | --- | --- |
| Ethylbenzene | <0.50 | <0.50 | <0.50 | <0.54 | <0.54 | <0.54 | <0.54 | <0.55 | <0.32 | 700 | 140 |
| Hexachloro-1,3-butadiene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <1.5 | <1.5 | --- | --- |
| Isopropylbenzene (Cumene) | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.3 | <1.7 | --- | --- |
| p-Isopropyltoluene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.31 | <0.80 | --- | --- |
| Methylene Chloride | <1.0 | <1.0 | <1.0 | (1) | (1) | (1) | (1) | <0.5 | <0.58 | 5 | 0.5 |
| Methyl-tert-butyl ether | <0.50 | <0.50 | <0.50 | <0.61 | <0.61 | <0.61 | <0.61 | <0.23 | <1.2 | 60 | 12 |
| Naphthalene | <0.25 | <0.25 | <0.25 | <0.89 | <0.89 | <0.89 | <0.89 | <1.7 | <1.2 | 100 | 10 |
| n-Propylbenzene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.25 | <0.81 | --- | --- |
| Styrene | <0.20 | <0.20 | <0.20 | <0.86 | <0.86 | <0.86 | <0.86 | --- | <3.0 | 100 | 10 |
| 1,1,1,2-Tetrachloroethane | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.33 | <0.27 | 70 | 7 |
| 1,1,1,2,2-Tetrachloroethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.45 | <0.28 | 0.2 | 0.02 |
| Tetrachlorethene | <u>1.7</u> | <0.50 | <0.50 | <0.45 | <0.45 | <0.45 | <0.45 | <0.33 | <0.33 | 5 | 0.5 |
| Toluene | 0.40J | <0.20 | <0.20 | <0.67 | <0.67 | <0.67 | <0.67 | <0.69 | <0.27 | 800 | 160 |
| 1,2,3-Trichlorobenzene | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <1.8 | <2.2 | --- | --- |
| 1,2,4-Trichlorobenzene | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.98 | <0.95 | 70 | 14 |
| 1,1,1-Trichloroethane | <0.50 | <0.50 | <0.50 | <0.90 | <0.90 | <0.90 | <0.90 | <0.33 | <0.24 | 200 | 40 |
| 1,1,2-Trichloroethane | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.34 | <0.55 | 5 | 0.5 |
| Trichlorethene | 0.42J | <0.20 | <0.20 | <0.48 | <0.48 | <0.48 | <0.48 | <0.33 | <0.26 | 5 | 0.5 |
| Trichlorofluoromethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.71 | <0.21 | --- | --- |
| 1,2,3-Trichloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | --- | <0.59 | 60 | 12 |
| 1,2,4-Trimethylbenzene | <0.20 | <0.20 | <0.20 | <0.97 | <0.97 | <0.97 | <0.97 | <2.2 | <0.84 | --- | --- |
| 1,3,5-Trimethylbenzene | <0.20 | <0.20 | <0.20 | <0.83 | <0.83 | <0.83 | <0.83 | <1.4 | <0.87 | --- | --- |
| Total Trimethylbenzene | <0.40 | <0.40 | <0.40 | <1.80 | <1.80 | <1.80 | <1.80 | <3.60 | <1.71 | 480* | 96* |
| vinyl chloride | <0.20 | <0.20 | <0.20 | <1.80 | <1.80 | <1.80 | <1.80 | <0.18 | <0.17 | 0.2 | 0.02 |
| m&p-Xylene | --- | --- | --- | --- | --- | --- | --- | <0.69 | <0.47 | --- | --- |
| o-Xylene | --- | --- | --- | --- | --- | --- | --- | <0.63 | <0.26 | --- | --- |
| Xylenes(total) | <0.50 | <0.50 | <0.50 | <1.8 | <1.8 | <1.8 | <1.8 | <1.32 | <0.73 | 2000** | 400** |

Notes:

- - not analyzed OR no standard established
- (1) - Data was not available from BRRTS on the Web
- * - total value for 1,2,4 and 1,3,5 trimethylbenzenes
- ** - total value for m, p, o Xylenes

Bold concentrations exceed NR 140 ES

DUP - Duplicate sample

ES - enforcement standard

Italicized and underlined concentrations exceed NR 140 PAL

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

µg/L - micrograms per liter

PAL - preventive action limit

TRIP - trip blank for QA/QC

VOCs - volatile organic compounds

Table A.1. Groundwater Analytical
BRRTS#: 02-30-545024
Twin Lakes Laundry
111 South Lake Avenue, Twin Lakes, WI

| | PZ-1 10/20/06 | PZ-1 3/21/07 | PZ-1 9/14/07 | PZ-1 10/30/08 | PZ-1 4/30/09 | PZ-1 10/23/09 | PZ-1 4/16/10 | PZ-1 10/16/14 | PZ-1 7/13/20 | PZ-1 (Dup) 7/13/2020 | NR 140.10 Table 1 ES | NR 140.10 Table 1 PAL |
|-----------------------------|---------------|--------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|-------------------------|-------------------------|--------------------------|
| VOCs (ug/L) | | | | | | | | | | | | |
| Benzene | <2.0 | <0.20 | <0.20 | <2.0 | <4.1 | <4.1 | <4.1 | <4.8 | <0.25 | <0.25 | 5 | 0.5 |
| Bromobenzene | <2.0 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <6.4 | <0.24 | <0.24 | — | — |
| Bromochloromethane | <5.0 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | — | <0.36 | <0.36 | — | — |
| Bromodichloromethane | <2.0 | <0.20 | <0.20 | <2.8 | <5.6 | <5.6 | <5.6 | <7.4 | <0.36 | <0.36 | 0.6 | 0.06 |
| Bromoform | <2.0 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <7.0 | <4.0 | <4.0 | 4.4 | 0.44 |
| Bromomethane | <2.0 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | — | <0.97 | <0.97 | 10 | 1 |
| n-Butylbenzene | <2.0 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <7.0 | <0.71 | <0.71 | — | — |
| sec-Butylbenzene | <2.5 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <6.6 | <0.85 | <0.85 | — | — |
| tert-Butylbenzene | <2.0 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <7.2 | <0.30 | <0.30 | — | — |
| Carbon tetrachloride | <5.0 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <6.6 | <1.1 | <1.1 | 5 | 0.5 |
| Chlorobenzene | <2.0 | <0.20 | <0.20 | <2.0 | <4.1 | <4.1 | <4.1 | <4.8 | <0.71 | <0.71 | — | — |
| Chloroethane | <10 | <1.0 | <1.0 | (1) | (1) | (1) | (1) | <12.6 | <1.3 | <1.3 | 400 | 80 |
| Chloroform | <2.0 | <0.20 | <0.20 | <6.5 | <13 | <13 | <13 | <5.6 | <1.3 | <1.3 | 6 | 0.6 |
| Chloromethane | <2.0 | <0.20 | <0.20 | <1.2 | <2.4 | <2.4 | <2.4 | <16.2 | <2.2 | <2.2 | 30 | 3 |
| 2-Chlorotoluene | <5.0 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <4.2 | <0.93 | <0.93 | — | — |
| 4-Chlorotoluene | <2.0 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <4.2 | <0.76 | <0.76 | — | — |
| 1,2-Dibromo-3-chloropropane | <5.0 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <17.6 | <1.8 | <1.8 | 0.2 | 0.02 |
| Dibromochloromethane | <2.0 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <4.4 | <2.6 | <2.6 | 60 | 6 |
| 1,2-Dibromoethane (EDB) | <2.0 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <8.8 | <0.83 | <0.83 | 0.05 | 0.005 |
| Dibromomethane | <2.0 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | — | <0.94 | <0.94 | — | — |
| 1,2-Dichlorobenzene | <2.0 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <7.2 | <0.71 | <0.71 | 600 | 60 |
| 1,3-Dichlorobenzene | <2.0 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <5.6 | <0.63 | <0.63 | 600 | 120 |
| 1,4-Dichlorobenzene | <2.0 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <6.0 | <0.94 | <0.94 | 75 | 15 |
| Dichlorodifluoromethane | <5.0 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <8.8 | <0.50 | <0.50 | 1000 | 200 |
| 1,1-Dichloroethane | <5.0 | <0.50 | <0.50 | <3.8 | <7.5 | <7.5 | <7.5 | <6.0 | <0.27 | <0.27 | 850 | 85 |
| 1,2-Dichloroethane | <5.0 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <8.2 | <0.28 | <0.28 | 5 | 0.5 |
| 1,1,1-Dichloroethane | <5.0 | <0.50 | <0.50 | <2.8 | <5.7 | <5.7 | <5.7 | <8.0 | 0.33J | 0.28J | 7 | 0.7 |
| cis-1,2-Dichloroethene | 510 | 710 | 540 | 469 | 722 | 968 | 742 | 390 | 625 | 594 | 70 | 7 |
| trans-1,2-Dichloroethene | 6.4J | 17 | 17 | <u>29.4</u> | <u>73.7</u> | <u>50</u> | <u>38.5</u> | 142.2J | <u>23.1</u> | <u>22.9</u> | 100 | 20 |
| 1,2-Dichloropropane | <5.0 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <6.4 | <0.28 | <0.28 | 5 | 0.5 |
| 1,3-Dichloropropane | <2.5 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <6.6 | <0.83 | <0.83 | — | — |
| 2,2-Dichloropropane | <5.0 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <7.2 | <2.3 | <2.3 | — | — |
| 1,1-Dichloropropene | <5.0 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | — | <0.54 | <0.54 | — | — |
| cis-1,3-Dichloropropene | <2.0 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | — | <3.6 | <3.6 | 0.4 | 0.04 |
| trans-1,3-Dichloropropene | <2.0 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | — | <4.4 | <4.4 | 0.4 | 0.04 |
| Diisopropyl ether | <5.0 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <4.6 | <1.9 | <1.9 | — | — |
| Ethylbenzene | <5.0 | <0.50 | <0.50 | <2.7 | <5.4 | <5.4 | <5.4 | <11 | <0.32 | <0.32 | 700 | 140 |
| Hexachloro-1,3-butadiene | <5.0 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <30 | <1.5 | <1.5 | — | — |
| Isopropylbenzene (Cumene) | <2.0 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <6.0 | <1.7 | <1.7 | — | — |
| p-Isopropyltoluene | <2.0 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <6.2 | <0.80 | <0.80 | — | — |
| Methylene Chloride | <10 | <1.0 | <1.0 | (1) | (1) | (1) | (1) | <10 | <0.58 | <0.58 | 5 | 0.5 |
| Methyl-tert-butyl ether | <5.0 | 8.3 | <5.0 | 7.4 | <6.1 | <6.1 | <6.1 | <4.6 | <1.2 | <1.2 | 60 | 12 |
| Naphthalene | <2.5 | <0.25 | <0.25 | <4.4 | <8.9 | <8.9 | <8.9 | <34 | <1.2 | <1.2 | 100 | 10 |
| n-Propylbenzene | <5.0 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <5.0 | <0.81 | <0.81 | — | — |
| Styrene | <2.0 | <0.20 | <0.20 | <4.3 | <8.6 | <8.6 | <8.6 | — | <3.0 | <3.0 | 100 | 10 |
| 1,1,1,2-Tetrachloroethane | <2.5 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <6.6 | <0.27 | <0.27 | 70 | 7 |
| 1,1,1,2,2-Tetrachloroethane | <2.0 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <9.0 | <0.28 | <0.28 | 0.2 | 0.02 |
| Tetrachlorethene | <5.0 | <0.50 | <0.50 | <2.2 | <4.5 | <4.5 | <4.5 | <6.6 | <0.33 | <0.33 | 5 | 0.5 |
| Toluene | <2.0 | <0.20 | <0.20 | <3.4 | <6.7 | <6.7 | <6.7 | <13.8 | <0.27 | <0.27 | 800 | 160 |
| 1,2,3-Trichlorobenzene | <2.5 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <36 | <2.2 | <2.2 | — | — |
| 1,2,4-Trichlorobenzene | <2.5 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <19.6 | <0.95 | <0.95 | 70 | 14 |
| 1,1,1-Trichloroethane | <5.0 | <0.50 | <0.50 | <4.5 | <9.0 | <9.0 | <9.0 | <6.6 | <0.24 | <0.24 | 200 | 40 |
| 1,1,2-Trichloroethane | <2.5 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <6.8 | <0.55 | <0.55 | 5 | 0.5 |
| Trichlorethene | 20.0 | 28 | 17 | 15.2 | 10.3 | 9.4 | 5.7 | <6.6 | <u>0.64J</u> | <u>0.63J</u> | 5 | 0.5 |
| Trichlorofluoromethane | <5.0 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <14.2 | <0.21 | <0.21 | — | — |
| 1,2,3-Trichloropropane | <5.0 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | — | <0.59 | <0.59 | 60 | 12 |
| 1,2,4-Trimethylbenzene | <2.0 | <0.20 | <0.20 | <4.8 | <9.7 | <9.7 | <9.7 | <44 | <0.84 | <0.84 | — | — |
| 1,3,5-Trimethylbenzene | <2.0 | <0.20 | <0.20 | <4.2 | <8.3 | <8.3 | <8.3 | <28 | <0.87 | <0.87 | — | — |
| Total Trimethylbenzene | <0.40 | <0.40 | <0.40 | <9.0 | <18.0 | <18.0 | <18.0 | <72.0 | <1.71 | <1.71 | 480* | 96* |
| vinyl chloride | <0.20 | <0.20 | <2.0 | 1.8 | <1.8 | 5.6 | 4.5 | <3.6 | 43.0 | 43.4 | 0.2 | 0.02 |
| m&p-Xylene | — | — | — | — | — | — | — | <13.8 | <0.47 | <0.47 | — | — |
| o-Xylene | — | — | — | — | — | — | — | <12.6 | <0.26 | <0.26 | — | — |
| Xylenes(total) | <0.50 | <0.50 | <0.50 | <9.0 | <18 | <18 | <18 | <26.4 | <0.73 | <0.73 | 2000** | 400** |

Notes:

- - not analyzed OR no standard established
- (1) - Data was not available from BRRTS on the Web
- * - total value for 1,2,4 and 1,3,5 trimethylbenzenes
- ** - total value for m, p, o Xylenes

Bold concentrations exceed NR 140 ES

DUP - Duplicate sample

ES - enforcement standard

Italicized and underlined concentrations exceed NR 140 PAL

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

µg/L - micrograms per liter

PAHs - polycyclic aromatic hydrocarbons

PAL - preventive action limit

TRIP - trip blank for QA/QC

VOCs - volatile organic compounds

Table A.1. Groundwater Analytical
BRRTS#: 02-30-545024
Twin Lakes Laundry
111 South Lake Avenue, Twin Lakes, WI

| VOCs (ug/L) | TB 10/20/06 | TB 3/21/07 | TB 9/14/07 | TB 10/30/08 | TB 4/30/09 | TB 10/23/09 | TB 4/16/10 | TB 10/16/14 | TB 7/13/20 | NR 140.10 Table 1 ES | NR 140.10 Table 1 PAL |
|-----------------------------|-------------|------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------------------|--------------------------|
| | Benzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.24 | <0.25 | 5 |
| Bromobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.32 | <0.24 | --- | --- |
| Bromochloromethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.37 | <0.36 | --- | --- |
| Bromodichloromethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.35 | <0.36 | 0.6 | 0.06 |
| Bromoform | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | <0.40 | 4.4 | 0.44 |
| Bromomethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | <0.97 | 10 | 1 |
| n-Butylbenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.35 | <0.71 | --- | --- |
| sec-Butylbenzene | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.33 | <0.85 | --- | --- |
| tert-Butylbenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.36 | <0.30 | --- | --- |
| Carbon tetrachloride | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.33 | <1.1 | 5 | 0.5 |
| Chlorobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.24 | <0.71 | --- | --- |
| Chloroethane | <1.0 | <1.0 | <1.0 | (1) | (1) | (1) | (1) | <0.63 | <1.3 | 400 | 80 |
| Chloroform | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.28 | <1.3 | 6 | 0.6 |
| Chloromethane | <0.20 | <0.20 | 2.3 | (1) | (1) | (1) | (1) | <0.81 | <2.2 | 30 | 3 |
| 2-Chlorotoluene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.21 | <0.93 | --- | --- |
| 4-Chlorotoluene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.21 | <7.6 | --- | --- |
| 1,2-Dibromo-3-chloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.88 | <1.8 | 0.2 | 0.02 |
| Dibromochloromethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.22 | <2.6 | 60 | 6 |
| 1,2-Dibromoethane (EDB) | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.44 | <0.83 | 0.05 | 0.005 |
| Dibromomethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | <0.94 | --- | --- |
| 1,2-Dichlorobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.36 | <0.71 | 600 | 60 |
| 1,3-Dichlorobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.28 | <0.63 | 600 | 120 |
| 1,4-Dichlorobenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.3 | <0.94 | 75 | 15 |
| Dichlorodifluoromethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.44 | <0.50 | 1000 | 200 |
| 1,1-Dichloroethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.3 | <0.27 | 850 | 85 |
| 1,2-Dichloroethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.41 | <0.28 | 5 | 0.5 |
| 1,1-Dichloroethene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.4 | <0.24 | 7 | 0.7 |
| cis-1,2-Dichloroethene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.38 | <0.27 | 70 | 7 |
| trans-1,2-Dichloroethene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.35 | <0.46 | 100 | 20 |
| 1,2-Dichloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.32 | <0.28 | 5 | 0.5 |
| 1,3-Dichloropropane | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.33 | <0.83 | --- | --- |
| 2,2-Dichloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.36 | <2.2 | --- | --- |
| 1,1-Dichloropropene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | --- | <0.54 | --- | --- |
| cis-1,3-Dichloropropene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | <3.6 | 0.4 | 0.04 |
| trans-1,3-Dichloropropene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | <4.4 | 0.4 | 0.04 |
| Diisopropyl ether | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.23 | <1.9 | --- | --- |
| Ethylbenzene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.55 | <0.32 | 700 | 140 |
| Hexachloro-1,3-butadiene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <1.5 | <1.5 | --- | --- |
| Isopropylbenzene (Cumene) | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.3 | <1.7 | --- | --- |
| p-Isopropyltoluene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.31 | <0.80 | --- | --- |
| Methylene Chloride | <1.0 | <1.0 | <1.0 | (1) | (1) | (1) | (1) | <0.5 | <0.58 | 5 | 0.5 |
| Methyl-tert-butyl ether | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.23 | <1.2 | 60 | 12 |
| Naphthalene | 0.30J | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <1.7 | <1.2 | 100 | 10 |
| n-Propylbenzene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.25 | <0.81 | --- | --- |
| Styrene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | --- | <3.0 | 100 | 10 |
| 1,1,1,2-Tetrachloroethane | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.33 | <0.27 | 70 | 7 |
| 1,1,2,2-Tetrachloroethane | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.45 | <0.28 | 0.2 | 0.02 |
| Tetrachlorethene | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.33 | <0.33 | 5 | 0.5 |
| Toluene | <0.20 | <0.20 | 0.30J | (1) | (1) | (1) | (1) | <0.69 | <0.27 | 800 | 160 |
| 1,2,3-Trichlorobenzene | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <1.8 | <2.2 | --- | --- |
| 1,2,4-Trichlorobenzene | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.98 | <0.95 | 70 | 14 |
| 1,1,1-Trichloroethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.33 | <2.4 | 200 | 40 |
| 1,1,2-Trichloroethane | <0.25 | <0.25 | <0.25 | (1) | (1) | (1) | (1) | <0.34 | <0.55 | 5 | 0.5 |
| Trichlorethene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.33 | <0.26 | 5 | 0.5 |
| Trichlorofluoromethane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <0.71 | <0.21 | --- | --- |
| 1,2,3-Trichloropropane | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | --- | <0.59 | 60 | 12 |
| 1,2,4-Trimethylbenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <2.2 | <0.84 | --- | --- |
| 1,3,5-Trimethylbenzene | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <1.4 | <0.87 | --- | --- |
| Total Trimethylbenzene | <0.40 | <0.40 | <0.40 | (1) | (1) | (1) | (1) | <3.6 | <1.71 | 480* | 96* |
| vinyl chloride | <0.20 | <0.20 | <0.20 | (1) | (1) | (1) | (1) | <0.18 | <0.17 | 0.2 | 0.02 |
| m&p-Xylene | --- | --- | --- | (1) | (1) | (1) | (1) | <0.69 | <0.47 | --- | --- |
| o-Xylene | --- | --- | --- | (1) | (1) | (1) | (1) | <0.63 | <0.26 | --- | --- |
| Xylenes(total) | <0.50 | <0.50 | <0.50 | (1) | (1) | (1) | (1) | <1.32 | <0.73 | 2000** | 400** |

Notes:

--- - not analyzed OR no standard established

(1) - Data was not available from BRRTS on the Web

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

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

Bold concentrations exceed NR 140 ES

DUP - Duplicate sample

ES - enforcement standard

Italicized and underlined concentrations exceed NR 140 PAL

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

µg/L - micrograms per liter

PAL - preventive action limit

VOCs - volatile organic compounds

Table A.6 Water Level Elevations
BRRTS: 02-30-545024
Twin Lakes Laundry
111 S. Lake Avenue, Twin Lakes, WI 53181

Project: Twin Lakes Laundry Page: 1 of 1

Measurements Taken By: The Sigma Group, Inc. 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 | 10/20/06 | 7.87 | 14.44 | 6.57 | 100.49 | --- | 92.62 | |
| MW-2 | 10/20/06 | 7.22 | 14.32 | 7.10 | 99.81 | --- | 92.59 | |
| MW-3 | 10/20/06 | 7.08 | 14.42 | 7.34 | 99.62 | --- | 92.54 | |
| MW-4 | 10/20/06 | 6.47 | 14.43 | 7.96 | 98.86 | --- | 92.39 | |
| MW-5 | 10/20/06 | 5.54 | 13.41 | 7.87 | 97.76 | --- | 92.22 | |
| MW-6 | 10/20/06 | 6.27 | --- | --- | 98.76 | --- | 92.49 | |
| MW-7 | 10/20/06 | 4.19 | 12.81 | 8.62 | 96.51 | --- | 92.32 | |
| PZ-1 | 10/20/06 | 6.34 | 34.87 | 28.53 | 98.74 | --- | 92.40 | |
| MW-1 | 03/21/07 | 6.97 | 14.44 | 7.47 | 100.49 | --- | 93.52 | |
| MW-2 | 03/21/07 | 6.35 | 14.32 | 7.97 | 99.81 | --- | 93.46 | |
| MW-3 | 03/21/07 | 6.20 | 14.42 | 8.22 | 99.62 | --- | 93.42 | |
| MW-4 | 03/21/07 | 5.60 | 14.43 | 8.83 | 98.86 | --- | 93.26 | |
| MW-5 | 03/21/07 | 4.81 | 13.41 | 8.60 | 97.76 | --- | 92.95 | |
| MW-6 | 03/21/07 | 5.59 | --- | --- | 98.76 | --- | 93.17 | |
| MW-7 | 03/21/07 | 3.47 | 12.81 | 9.34 | 96.51 | --- | 93.04 | |
| PZ-1 | 03/21/07 | 5.60 | 34.87 | 29.27 | 98.74 | --- | 93.14 | |
| MW-1 | 09/14/07 | 6.69 | 14.44 | 7.75 | 100.49 | --- | 93.80 | |
| MW-2 | 09/14/07 | 6.09 | 14.32 | 8.23 | 99.81 | --- | 93.72 | |
| MW-3 | 09/14/07 | 5.95 | 14.42 | 8.47 | 99.62 | --- | 93.67 | |
| MW-4 | 09/14/07 | 5.42 | 14.43 | 9.01 | 98.86 | --- | 93.44 | |
| MW-5 | 09/14/07 | 4.68 | 13.41 | 8.73 | 97.76 | --- | 93.08 | |
| MW-6 | 09/14/07 | 5.40 | --- | --- | 98.76 | --- | 93.36 | |
| MW-7 | 09/14/07 | 3.30 | 12.81 | 9.51 | 96.51 | --- | 93.21 | |
| PZ-1 | 09/14/07 | 5.28 | 34.87 | 29.59 | 98.74 | --- | 93.46 | |
| MW-1 | 10/30/08 | 6.05 | 14.44 | 8.39 | 100.49 | --- | 94.44 | |
| MW-2 | 10/30/08 | 5.43 | 14.32 | 8.89 | 99.81 | --- | 94.38 | |
| MW-3 | 10/30/08 | 5.31 | 14.42 | 9.11 | 99.62 | --- | 94.31 | |
| MW-4 | 10/30/08 | 4.78 | 14.43 | 9.65 | 98.86 | --- | 94.08 | |
| MW-5 | 10/30/08 | 4.08 | 13.41 | 9.33 | 97.76 | --- | 93.68 | |
| MW-6 | 10/30/08 | 4.50 | --- | --- | 98.76 | --- | 94.26 | |
| MW-7 | 10/30/08 | 2.70 | 12.81 | 10.11 | 96.51 | --- | 93.81 | |
| PZ-1 | 10/30/08 | 4.65 | 34.87 | 30.22 | 98.74 | --- | 94.09 | |
| MW-1 | 04/30/09 | 4.80 | 14.44 | 9.64 | 100.49 | --- | 95.69 | |
| MW-2 | 04/30/09 | 4.20 | 14.32 | 10.12 | 99.81 | --- | 95.61 | |
| MW-3 | 04/30/09 | 4.13 | 14.42 | 10.29 | 99.62 | --- | 95.49 | |
| MW-4 | 04/30/09 | 3.63 | 14.43 | 10.80 | 98.86 | --- | 95.23 | |
| MW-5 | 04/30/09 | 2.95 | 13.41 | 10.46 | 97.76 | --- | 94.81 | |
| MW-6 | 04/30/09 | 4.13 | --- | --- | 98.76 | --- | 94.63 | |
| MW-7 | 04/30/09 | 1.70 | 12.81 | 11.11 | 96.51 | --- | 94.81 | |
| PZ-1 | 04/30/09 | 3.50 | 34.87 | 31.37 | 98.74 | --- | 95.24 | |
| MW-1 | 10/23/09 | 5.85 | 14.44 | 8.59 | 100.49 | --- | 94.64 | |
| MW-2 | 10/23/09 | 5.20 | 14.32 | 9.12 | 99.81 | --- | 94.61 | |
| MW-3 | 10/23/09 | 5.03 | 14.42 | 9.39 | 99.62 | --- | 94.59 | |
| MW-4 | 10/23/09 | 4.50 | 14.43 | 9.93 | 98.86 | --- | 94.36 | |
| MW-5 | 10/23/09 | 3.71 | 13.41 | 9.70 | 97.76 | --- | 94.05 | |
| MW-6 | 10/23/09 | 4.48 | --- | --- | 98.76 | --- | 94.28 | |
| MW-7 | 10/23/09 | 2.48 | 12.81 | 10.33 | 96.51 | --- | 94.03 | |
| PZ-1 | 10/23/09 | 4.35 | 34.87 | 30.52 | 98.74 | --- | 94.39 | |
| MW-1 | 04/16/10 | 5.88 | 14.44 | 8.56 | 100.49 | --- | 94.61 | |
| MW-2 | 04/16/10 | 5.29 | 14.32 | 9.03 | 99.81 | --- | 94.52 | |
| MW-3 | 04/16/10 | 5.14 | 14.42 | 9.28 | 99.62 | --- | 94.48 | |
| MW-4 | 04/16/10 | 4.54 | 14.43 | 9.89 | 98.86 | --- | 94.32 | |
| MW-5 | 04/16/10 | 3.90 | 13.41 | 9.51 | 97.76 | --- | 93.86 | |
| MW-6 | 04/16/10 | 4.64 | --- | --- | 98.76 | --- | 94.12 | |
| MW-7 | 04/16/10 | 2.61 | 12.81 | 10.20 | 96.51 | --- | 93.90 | |
| PZ-1 | 04/16/10 | 4.51 | 34.87 | 30.36 | 98.74 | --- | 94.23 | |
| MW-1 | 07/13/20 | 5.16 | 14.44 | 9.28 | 100.49 | --- | 95.33 | |
| MW-2 | 07/13/20 | 4.73 | 14.32 | 9.59 | 99.81 | --- | 95.08 | |
| MW-3 | 07/13/20 | 4.45 | 14.42 | 9.97 | 99.62 | --- | 95.17 | |
| MW-4 | 07/13/20 | 4.04 | 14.43 | 10.39 | 98.86 | --- | 94.82 | |
| MW-5 | 07/13/20 | 3.27 | 13.41 | 10.14 | 97.76 | --- | 94.49 | |
| MW-6 | 07/13/20 | --- | --- | --- | 98.76 | --- | --- | Well not located. |
| MW-7 | 07/13/20 | 2.18 | 12.81 | 10.63 | 96.51 | --- | 94.33 | |
| PZ-1 | 07/13/20 | 3.83 | 34.87 | 31.04 | 98.74 | --- | 94.91 | |

Notes: The depth to groundwater, well depth and water column height are measured in the field. MW-6 total depth to the bottom and water level were not measured on 7/13/2020 since KEC could not find the well, therefore, were not presented on this table. Sampling event on 7/13/2020 was conducted by Konicek Environmental Consulting, LLC.

Attachment 3

July 17, 2020

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

RE: Project: TWIN LAKES LAUNDRY
Pace Project No.: 40211140

Dear Ken Konicek:

Enclosed are the analytical results for sample(s) received by the laboratory on July 15, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,



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

Enclosures

cc: Greg Konicek, KONICEK ENVIRONMENTAL



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: TWIN LAKES LAUNDRY

Pace Project No.: 40211140

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: TWIN LAKES LAUNDRY

Pace Project No.: 40211140

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|-------------|------------|--------|----------------|----------------|
| 40211140001 | MW-1 | Water | 07/13/20 10:35 | 07/15/20 08:25 |
| 40211140002 | MW-2 | Water | 07/13/20 11:20 | 07/15/20 08:25 |
| 40211140003 | MW-3 | Water | 07/13/20 15:30 | 07/15/20 08:25 |
| 40211140004 | MW-4 | Water | 07/13/20 12:15 | 07/15/20 08:25 |
| 40211140005 | MW-5 | Water | 07/13/20 14:15 | 07/15/20 08:25 |
| 40211140006 | MW-7 | Water | 07/13/20 15:15 | 07/15/20 08:25 |
| 40211140007 | PZ-1 | Water | 07/13/20 13:30 | 07/15/20 08:25 |
| 40211140008 | DUP | Water | 07/13/20 00:00 | 07/15/20 08:25 |
| 40211140009 | TRIP BLANK | Water | 07/13/20 00:00 | 07/15/20 08:25 |

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: TWIN LAKES LAUNDRY

Pace Project No.: 40211140

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|-------------|------------|----------|----------|-------------------|------------|
| 40211140001 | MW-1 | EPA 8260 | HNW | 64 | PASI-G |
| 40211140002 | MW-2 | EPA 8260 | HNW | 64 | PASI-G |
| 40211140003 | MW-3 | EPA 8260 | HNW | 64 | PASI-G |
| 40211140004 | MW-4 | EPA 8260 | HNW | 64 | PASI-G |
| 40211140005 | MW-5 | EPA 8260 | HNW | 64 | PASI-G |
| 40211140006 | MW-7 | EPA 8260 | HNW | 64 | PASI-G |
| 40211140007 | PZ-1 | EPA 8260 | HNW | 64 | PASI-G |
| 40211140008 | DUP | EPA 8260 | HNW | 64 | PASI-G |
| 40211140009 | TRIP BLANK | EPA 8260 | HNW | 64 | PASI-G |

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TWIN LAKES LAUNDRY

Pace Project No.: 40211140

Sample: MW-1 Lab ID: 40211140001 Collected: 07/13/20 10:35 Received: 07/15/20 08:25 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|-------|------|------|----|----------|----------------|------------|------|
| 8260 MSV | | | | | | | | | |
| Analytical Method: EPA 8260 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <0.25 | ug/L | 1.0 | 0.25 | 1 | | 07/16/20 10:59 | 71-43-2 | |
| Bromobenzene | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 07/16/20 10:59 | 108-86-1 | |
| Bromochloromethane | <0.36 | ug/L | 5.0 | 0.36 | 1 | | 07/16/20 10:59 | 74-97-5 | |
| Bromodichloromethane | <0.36 | ug/L | 1.2 | 0.36 | 1 | | 07/16/20 10:59 | 75-27-4 | |
| Bromoform | <4.0 | ug/L | 13.2 | 4.0 | 1 | | 07/16/20 10:59 | 75-25-2 | |
| Bromomethane | <0.97 | ug/L | 5.0 | 0.97 | 1 | | 07/16/20 10:59 | 74-83-9 | |
| n-Butylbenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 07/16/20 10:59 | 104-51-8 | |
| sec-Butylbenzene | <0.85 | ug/L | 5.0 | 0.85 | 1 | | 07/16/20 10:59 | 135-98-8 | |
| tert-Butylbenzene | <0.30 | ug/L | 1.0 | 0.30 | 1 | | 07/16/20 10:59 | 98-06-6 | |
| Carbon tetrachloride | <1.1 | ug/L | 3.6 | 1.1 | 1 | | 07/16/20 10:59 | 56-23-5 | |
| Chlorobenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 07/16/20 10:59 | 108-90-7 | |
| Chloroethane | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 07/16/20 10:59 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 07/16/20 10:59 | 67-66-3 | |
| Chloromethane | <2.2 | ug/L | 7.3 | 2.2 | 1 | | 07/16/20 10:59 | 74-87-3 | |
| 2-Chlorotoluene | <0.93 | ug/L | 5.0 | 0.93 | 1 | | 07/16/20 10:59 | 95-49-8 | |
| 4-Chlorotoluene | <0.76 | ug/L | 2.5 | 0.76 | 1 | | 07/16/20 10:59 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.8 | ug/L | 5.9 | 1.8 | 1 | | 07/16/20 10:59 | 96-12-8 | |
| Dibromochloromethane | <2.6 | ug/L | 8.7 | 2.6 | 1 | | 07/16/20 10:59 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.83 | ug/L | 2.8 | 0.83 | 1 | | 07/16/20 10:59 | 106-93-4 | |
| Dibromomethane | <0.94 | ug/L | 3.1 | 0.94 | 1 | | 07/16/20 10:59 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 07/16/20 10:59 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.63 | ug/L | 2.1 | 0.63 | 1 | | 07/16/20 10:59 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.94 | ug/L | 3.1 | 0.94 | 1 | | 07/16/20 10:59 | 106-46-7 | |
| Dichlorodifluoromethane | <0.50 | ug/L | 5.0 | 0.50 | 1 | | 07/16/20 10:59 | 75-71-8 | |
| 1,1-Dichloroethane | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 07/16/20 10:59 | 75-34-3 | |
| 1,2-Dichloroethane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 07/16/20 10:59 | 107-06-2 | |
| 1,1-Dichloroethene | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 07/16/20 10:59 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 07/16/20 10:59 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.46 | ug/L | 1.5 | 0.46 | 1 | | 07/16/20 10:59 | 156-60-5 | |
| 1,2-Dichloropropane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 07/16/20 10:59 | 78-87-5 | |
| 1,3-Dichloropropane | <0.83 | ug/L | 2.8 | 0.83 | 1 | | 07/16/20 10:59 | 142-28-9 | |
| 2,2-Dichloropropane | <2.3 | ug/L | 7.6 | 2.3 | 1 | | 07/16/20 10:59 | 594-20-7 | |
| 1,1-Dichloropropene | <0.54 | ug/L | 1.8 | 0.54 | 1 | | 07/16/20 10:59 | 563-58-6 | |
| cis-1,3-Dichloropropene | <3.6 | ug/L | 12.1 | 3.6 | 1 | | 07/16/20 10:59 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <4.4 | ug/L | 14.6 | 4.4 | 1 | | 07/16/20 10:59 | 10061-02-6 | |
| Diisopropyl ether | <1.9 | ug/L | 6.3 | 1.9 | 1 | | 07/16/20 10:59 | 108-20-3 | |
| Ethylbenzene | <0.32 | ug/L | 1.1 | 0.32 | 1 | | 07/16/20 10:59 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <1.5 | ug/L | 4.9 | 1.5 | 1 | | 07/16/20 10:59 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <1.7 | ug/L | 5.6 | 1.7 | 1 | | 07/16/20 10:59 | 98-82-8 | |
| p-Isopropyltoluene | <0.80 | ug/L | 2.7 | 0.80 | 1 | | 07/16/20 10:59 | 99-87-6 | |
| Methylene Chloride | <0.58 | ug/L | 5.0 | 0.58 | 1 | | 07/16/20 10:59 | 75-09-2 | |
| Methyl-tert-butyl ether | <1.2 | ug/L | 4.2 | 1.2 | 1 | | 07/16/20 10:59 | 1634-04-4 | |
| Naphthalene | <1.2 | ug/L | 5.0 | 1.2 | 1 | | 07/16/20 10:59 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 5.0 | 0.81 | 1 | | 07/16/20 10:59 | 103-65-1 | |
| Styrene | <3.0 | ug/L | 10.0 | 3.0 | 1 | | 07/16/20 10:59 | 100-42-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TWIN LAKES LAUNDRY

Pace Project No.: 40211140

Sample: MW-1 **Lab ID: 40211140001** Collected: 07/13/20 10:35 Received: 07/15/20 08:25 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|-------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | | | | | | | | |
| Analytical Method: EPA 8260 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 07/16/20 10:59 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 07/16/20 10:59 | 79-34-5 | |
| Tetrachloroethene | <0.33 | ug/L | 1.1 | 0.33 | 1 | | 07/16/20 10:59 | 127-18-4 | |
| Toluene | <0.27 | ug/L | 0.90 | 0.27 | 1 | | 07/16/20 10:59 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <2.2 | ug/L | 7.4 | 2.2 | 1 | | 07/16/20 10:59 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.95 | ug/L | 5.0 | 0.95 | 1 | | 07/16/20 10:59 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 07/16/20 10:59 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.55 | ug/L | 5.0 | 0.55 | 1 | | 07/16/20 10:59 | 79-00-5 | |
| Trichloroethene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 07/16/20 10:59 | 79-01-6 | |
| Trichlorofluoromethane | <0.21 | ug/L | 1.0 | 0.21 | 1 | | 07/16/20 10:59 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.59 | ug/L | 5.0 | 0.59 | 1 | | 07/16/20 10:59 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.84 | ug/L | 2.8 | 0.84 | 1 | | 07/16/20 10:59 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.87 | ug/L | 2.9 | 0.87 | 1 | | 07/16/20 10:59 | 108-67-8 | |
| Vinyl chloride | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 07/16/20 10:59 | 75-01-4 | |
| m&p-Xylene | <0.47 | ug/L | 2.0 | 0.47 | 1 | | 07/16/20 10:59 | 179601-23-1 | |
| o-Xylene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 07/16/20 10:59 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 90 | % | 70-130 | | 1 | | 07/16/20 10:59 | 460-00-4 | |
| Dibromofluoromethane (S) | 104 | % | 70-130 | | 1 | | 07/16/20 10:59 | 1868-53-7 | |
| Toluene-d8 (S) | 100 | % | 70-130 | | 1 | | 07/16/20 10:59 | 2037-26-5 | |

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ANALYTICAL RESULTS

Project: TWIN LAKES LAUNDRY

Pace Project No.: 40211140

Sample: MW-2 Lab ID: 40211140002 Collected: 07/13/20 11:20 Received: 07/15/20 08:25 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|---|------|------|----|----------|----------------|------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 Pace Analytical Services - Green Bay | | | | | | | |
| Benzene | <0.25 | ug/L | 1.0 | 0.25 | 1 | | 07/16/20 11:20 | 71-43-2 | |
| Bromobenzene | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 07/16/20 11:20 | 108-86-1 | |
| Bromochloromethane | <0.36 | ug/L | 5.0 | 0.36 | 1 | | 07/16/20 11:20 | 74-97-5 | |
| Bromodichloromethane | <0.36 | ug/L | 1.2 | 0.36 | 1 | | 07/16/20 11:20 | 75-27-4 | |
| Bromoform | <4.0 | ug/L | 13.2 | 4.0 | 1 | | 07/16/20 11:20 | 75-25-2 | |
| Bromomethane | <0.97 | ug/L | 5.0 | 0.97 | 1 | | 07/16/20 11:20 | 74-83-9 | |
| n-Butylbenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 07/16/20 11:20 | 104-51-8 | |
| sec-Butylbenzene | <0.85 | ug/L | 5.0 | 0.85 | 1 | | 07/16/20 11:20 | 135-98-8 | |
| tert-Butylbenzene | <0.30 | ug/L | 1.0 | 0.30 | 1 | | 07/16/20 11:20 | 98-06-6 | |
| Carbon tetrachloride | <1.1 | ug/L | 3.6 | 1.1 | 1 | | 07/16/20 11:20 | 56-23-5 | |
| Chlorobenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 07/16/20 11:20 | 108-90-7 | |
| Chloroethane | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 07/16/20 11:20 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 07/16/20 11:20 | 67-66-3 | |
| Chloromethane | <2.2 | ug/L | 7.3 | 2.2 | 1 | | 07/16/20 11:20 | 74-87-3 | |
| 2-Chlorotoluene | <0.93 | ug/L | 5.0 | 0.93 | 1 | | 07/16/20 11:20 | 95-49-8 | |
| 4-Chlorotoluene | <0.76 | ug/L | 2.5 | 0.76 | 1 | | 07/16/20 11:20 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.8 | ug/L | 5.9 | 1.8 | 1 | | 07/16/20 11:20 | 96-12-8 | |
| Dibromochloromethane | <2.6 | ug/L | 8.7 | 2.6 | 1 | | 07/16/20 11:20 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.83 | ug/L | 2.8 | 0.83 | 1 | | 07/16/20 11:20 | 106-93-4 | |
| Dibromomethane | <0.94 | ug/L | 3.1 | 0.94 | 1 | | 07/16/20 11:20 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 07/16/20 11:20 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.63 | ug/L | 2.1 | 0.63 | 1 | | 07/16/20 11:20 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.94 | ug/L | 3.1 | 0.94 | 1 | | 07/16/20 11:20 | 106-46-7 | |
| Dichlorodifluoromethane | <0.50 | ug/L | 5.0 | 0.50 | 1 | | 07/16/20 11:20 | 75-71-8 | |
| 1,1-Dichloroethane | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 07/16/20 11:20 | 75-34-3 | |
| 1,2-Dichloroethane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 07/16/20 11:20 | 107-06-2 | |
| 1,1-Dichloroethene | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 07/16/20 11:20 | 75-35-4 | |
| cis-1,2-Dichloroethene | 0.58J | ug/L | 1.0 | 0.27 | 1 | | 07/16/20 11:20 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.46 | ug/L | 1.5 | 0.46 | 1 | | 07/16/20 11:20 | 156-60-5 | |
| 1,2-Dichloropropane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 07/16/20 11:20 | 78-87-5 | |
| 1,3-Dichloropropane | <0.83 | ug/L | 2.8 | 0.83 | 1 | | 07/16/20 11:20 | 142-28-9 | |
| 2,2-Dichloropropane | <2.3 | ug/L | 7.6 | 2.3 | 1 | | 07/16/20 11:20 | 594-20-7 | |
| 1,1-Dichloropropene | <0.54 | ug/L | 1.8 | 0.54 | 1 | | 07/16/20 11:20 | 563-58-6 | |
| cis-1,3-Dichloropropene | <3.6 | ug/L | 12.1 | 3.6 | 1 | | 07/16/20 11:20 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <4.4 | ug/L | 14.6 | 4.4 | 1 | | 07/16/20 11:20 | 10061-02-6 | |
| Diisopropyl ether | <1.9 | ug/L | 6.3 | 1.9 | 1 | | 07/16/20 11:20 | 108-20-3 | |
| Ethylbenzene | <0.32 | ug/L | 1.1 | 0.32 | 1 | | 07/16/20 11:20 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <1.5 | ug/L | 4.9 | 1.5 | 1 | | 07/16/20 11:20 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <1.7 | ug/L | 5.6 | 1.7 | 1 | | 07/16/20 11:20 | 98-82-8 | |
| p-Isopropyltoluene | <0.80 | ug/L | 2.7 | 0.80 | 1 | | 07/16/20 11:20 | 99-87-6 | |
| Methylene Chloride | <0.58 | ug/L | 5.0 | 0.58 | 1 | | 07/16/20 11:20 | 75-09-2 | |
| Methyl-tert-butyl ether | <1.2 | ug/L | 4.2 | 1.2 | 1 | | 07/16/20 11:20 | 1634-04-4 | |
| Naphthalene | <1.2 | ug/L | 5.0 | 1.2 | 1 | | 07/16/20 11:20 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 5.0 | 0.81 | 1 | | 07/16/20 11:20 | 103-65-1 | |
| Styrene | <3.0 | ug/L | 10.0 | 3.0 | 1 | | 07/16/20 11:20 | 100-42-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TWIN LAKES LAUNDRY
Pace Project No.: 40211140

Sample: MW-2 **Lab ID: 40211140002** Collected: 07/13/20 11:20 Received: 07/15/20 08:25 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|-------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | | | | | | | | |
| Analytical Method: EPA 8260 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 07/16/20 11:20 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 07/16/20 11:20 | 79-34-5 | |
| Tetrachloroethene | 38.4 | ug/L | 1.1 | 0.33 | 1 | | 07/16/20 11:20 | 127-18-4 | |
| Toluene | 0.33J | ug/L | 0.90 | 0.27 | 1 | | 07/16/20 11:20 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <2.2 | ug/L | 7.4 | 2.2 | 1 | | 07/16/20 11:20 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.95 | ug/L | 5.0 | 0.95 | 1 | | 07/16/20 11:20 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 07/16/20 11:20 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.55 | ug/L | 5.0 | 0.55 | 1 | | 07/16/20 11:20 | 79-00-5 | |
| Trichloroethene | 2.6 | ug/L | 1.0 | 0.26 | 1 | | 07/16/20 11:20 | 79-01-6 | |
| Trichlorofluoromethane | <0.21 | ug/L | 1.0 | 0.21 | 1 | | 07/16/20 11:20 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.59 | ug/L | 5.0 | 0.59 | 1 | | 07/16/20 11:20 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.84 | ug/L | 2.8 | 0.84 | 1 | | 07/16/20 11:20 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.87 | ug/L | 2.9 | 0.87 | 1 | | 07/16/20 11:20 | 108-67-8 | |
| Vinyl chloride | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 07/16/20 11:20 | 75-01-4 | |
| m&p-Xylene | <0.47 | ug/L | 2.0 | 0.47 | 1 | | 07/16/20 11:20 | 179601-23-1 | |
| o-Xylene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 07/16/20 11:20 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 90 | % | 70-130 | | 1 | | 07/16/20 11:20 | 460-00-4 | |
| Dibromofluoromethane (S) | 106 | % | 70-130 | | 1 | | 07/16/20 11:20 | 1868-53-7 | |
| Toluene-d8 (S) | 100 | % | 70-130 | | 1 | | 07/16/20 11:20 | 2037-26-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TWIN LAKES LAUNDRY

Pace Project No.: 40211140

Sample: MW-3 Lab ID: 40211140003 Collected: 07/13/20 15:30 Received: 07/15/20 08:25 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|---|------|------|----|----------|----------------|------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 Pace Analytical Services - Green Bay | | | | | | | |
| Benzene | <0.25 | ug/L | 1.0 | 0.25 | 1 | | 07/16/20 11:42 | 71-43-2 | |
| Bromobenzene | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 07/16/20 11:42 | 108-86-1 | |
| Bromochloromethane | <0.36 | ug/L | 5.0 | 0.36 | 1 | | 07/16/20 11:42 | 74-97-5 | |
| Bromodichloromethane | <0.36 | ug/L | 1.2 | 0.36 | 1 | | 07/16/20 11:42 | 75-27-4 | |
| Bromoform | <4.0 | ug/L | 13.2 | 4.0 | 1 | | 07/16/20 11:42 | 75-25-2 | |
| Bromomethane | <0.97 | ug/L | 5.0 | 0.97 | 1 | | 07/16/20 11:42 | 74-83-9 | |
| n-Butylbenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 07/16/20 11:42 | 104-51-8 | |
| sec-Butylbenzene | <0.85 | ug/L | 5.0 | 0.85 | 1 | | 07/16/20 11:42 | 135-98-8 | |
| tert-Butylbenzene | <0.30 | ug/L | 1.0 | 0.30 | 1 | | 07/16/20 11:42 | 98-06-6 | |
| Carbon tetrachloride | <1.1 | ug/L | 3.6 | 1.1 | 1 | | 07/16/20 11:42 | 56-23-5 | |
| Chlorobenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 07/16/20 11:42 | 108-90-7 | |
| Chloroethane | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 07/16/20 11:42 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 07/16/20 11:42 | 67-66-3 | |
| Chloromethane | <2.2 | ug/L | 7.3 | 2.2 | 1 | | 07/16/20 11:42 | 74-87-3 | |
| 2-Chlorotoluene | <0.93 | ug/L | 5.0 | 0.93 | 1 | | 07/16/20 11:42 | 95-49-8 | |
| 4-Chlorotoluene | <0.76 | ug/L | 2.5 | 0.76 | 1 | | 07/16/20 11:42 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.8 | ug/L | 5.9 | 1.8 | 1 | | 07/16/20 11:42 | 96-12-8 | |
| Dibromochloromethane | <2.6 | ug/L | 8.7 | 2.6 | 1 | | 07/16/20 11:42 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.83 | ug/L | 2.8 | 0.83 | 1 | | 07/16/20 11:42 | 106-93-4 | |
| Dibromomethane | <0.94 | ug/L | 3.1 | 0.94 | 1 | | 07/16/20 11:42 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 07/16/20 11:42 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.63 | ug/L | 2.1 | 0.63 | 1 | | 07/16/20 11:42 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.94 | ug/L | 3.1 | 0.94 | 1 | | 07/16/20 11:42 | 106-46-7 | |
| Dichlorodifluoromethane | <0.50 | ug/L | 5.0 | 0.50 | 1 | | 07/16/20 11:42 | 75-71-8 | |
| 1,1-Dichloroethane | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 07/16/20 11:42 | 75-34-3 | |
| 1,2-Dichloroethane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 07/16/20 11:42 | 107-06-2 | |
| 1,1-Dichloroethene | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 07/16/20 11:42 | 75-35-4 | |
| cis-1,2-Dichloroethene | 83.7 | ug/L | 1.0 | 0.27 | 1 | | 07/16/20 11:42 | 156-59-2 | |
| trans-1,2-Dichloroethene | 0.63J | ug/L | 1.5 | 0.46 | 1 | | 07/16/20 11:42 | 156-60-5 | |
| 1,2-Dichloropropane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 07/16/20 11:42 | 78-87-5 | |
| 1,3-Dichloropropane | <0.83 | ug/L | 2.8 | 0.83 | 1 | | 07/16/20 11:42 | 142-28-9 | |
| 2,2-Dichloropropane | <2.3 | ug/L | 7.6 | 2.3 | 1 | | 07/16/20 11:42 | 594-20-7 | |
| 1,1-Dichloropropene | <0.54 | ug/L | 1.8 | 0.54 | 1 | | 07/16/20 11:42 | 563-58-6 | |
| cis-1,3-Dichloropropene | <3.6 | ug/L | 12.1 | 3.6 | 1 | | 07/16/20 11:42 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <4.4 | ug/L | 14.6 | 4.4 | 1 | | 07/16/20 11:42 | 10061-02-6 | |
| Diisopropyl ether | <1.9 | ug/L | 6.3 | 1.9 | 1 | | 07/16/20 11:42 | 108-20-3 | |
| Ethylbenzene | <0.32 | ug/L | 1.1 | 0.32 | 1 | | 07/16/20 11:42 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <1.5 | ug/L | 4.9 | 1.5 | 1 | | 07/16/20 11:42 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <1.7 | ug/L | 5.6 | 1.7 | 1 | | 07/16/20 11:42 | 98-82-8 | |
| p-Isopropyltoluene | <0.80 | ug/L | 2.7 | 0.80 | 1 | | 07/16/20 11:42 | 99-87-6 | |
| Methylene Chloride | <0.58 | ug/L | 5.0 | 0.58 | 1 | | 07/16/20 11:42 | 75-09-2 | |
| Methyl-tert-butyl ether | <1.2 | ug/L | 4.2 | 1.2 | 1 | | 07/16/20 11:42 | 1634-04-4 | |
| Naphthalene | <1.2 | ug/L | 5.0 | 1.2 | 1 | | 07/16/20 11:42 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 5.0 | 0.81 | 1 | | 07/16/20 11:42 | 103-65-1 | |
| Styrene | <3.0 | ug/L | 10.0 | 3.0 | 1 | | 07/16/20 11:42 | 100-42-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TWIN LAKES LAUNDRY

Pace Project No.: 40211140

Sample: MW-3 **Lab ID: 40211140003** Collected: 07/13/20 15:30 Received: 07/15/20 08:25 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|-------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | | | | | | | | |
| Analytical Method: EPA 8260 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 07/16/20 11:42 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 07/16/20 11:42 | 79-34-5 | |
| Tetrachloroethene | 246 | ug/L | 1.1 | 0.33 | 1 | | 07/16/20 11:42 | 127-18-4 | |
| Toluene | <0.27 | ug/L | 0.90 | 0.27 | 1 | | 07/16/20 11:42 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <2.2 | ug/L | 7.4 | 2.2 | 1 | | 07/16/20 11:42 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.95 | ug/L | 5.0 | 0.95 | 1 | | 07/16/20 11:42 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 07/16/20 11:42 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.55 | ug/L | 5.0 | 0.55 | 1 | | 07/16/20 11:42 | 79-00-5 | |
| Trichloroethene | 119 | ug/L | 1.0 | 0.26 | 1 | | 07/16/20 11:42 | 79-01-6 | |
| Trichlorofluoromethane | <0.21 | ug/L | 1.0 | 0.21 | 1 | | 07/16/20 11:42 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.59 | ug/L | 5.0 | 0.59 | 1 | | 07/16/20 11:42 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.84 | ug/L | 2.8 | 0.84 | 1 | | 07/16/20 11:42 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.87 | ug/L | 2.9 | 0.87 | 1 | | 07/16/20 11:42 | 108-67-8 | |
| Vinyl chloride | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 07/16/20 11:42 | 75-01-4 | |
| m&p-Xylene | <0.47 | ug/L | 2.0 | 0.47 | 1 | | 07/16/20 11:42 | 179601-23-1 | |
| o-Xylene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 07/16/20 11:42 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 91 | % | 70-130 | | 1 | | 07/16/20 11:42 | 460-00-4 | |
| Dibromofluoromethane (S) | 106 | % | 70-130 | | 1 | | 07/16/20 11:42 | 1868-53-7 | |
| Toluene-d8 (S) | 100 | % | 70-130 | | 1 | | 07/16/20 11:42 | 2037-26-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TWIN LAKES LAUNDRY

Pace Project No.: 40211140

Sample: MW-4 Lab ID: 40211140004 Collected: 07/13/20 12:15 Received: 07/15/20 08:25 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|-------|------|------|----|----------|----------------|------------|------|
| 8260 MSV | | | | | | | | | |
| Analytical Method: EPA 8260 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <0.25 | ug/L | 1.0 | 0.25 | 1 | | 07/16/20 14:33 | 71-43-2 | |
| Bromobenzene | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 07/16/20 14:33 | 108-86-1 | |
| Bromochloromethane | <0.36 | ug/L | 5.0 | 0.36 | 1 | | 07/16/20 14:33 | 74-97-5 | |
| Bromodichloromethane | <0.36 | ug/L | 1.2 | 0.36 | 1 | | 07/16/20 14:33 | 75-27-4 | |
| Bromoform | <4.0 | ug/L | 13.2 | 4.0 | 1 | | 07/16/20 14:33 | 75-25-2 | |
| Bromomethane | <0.97 | ug/L | 5.0 | 0.97 | 1 | | 07/16/20 14:33 | 74-83-9 | |
| n-Butylbenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 07/16/20 14:33 | 104-51-8 | |
| sec-Butylbenzene | <0.85 | ug/L | 5.0 | 0.85 | 1 | | 07/16/20 14:33 | 135-98-8 | |
| tert-Butylbenzene | <0.30 | ug/L | 1.0 | 0.30 | 1 | | 07/16/20 14:33 | 98-06-6 | |
| Carbon tetrachloride | <1.1 | ug/L | 3.6 | 1.1 | 1 | | 07/16/20 14:33 | 56-23-5 | |
| Chlorobenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 07/16/20 14:33 | 108-90-7 | |
| Chloroethane | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 07/16/20 14:33 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 07/16/20 14:33 | 67-66-3 | |
| Chloromethane | <2.2 | ug/L | 7.3 | 2.2 | 1 | | 07/16/20 14:33 | 74-87-3 | |
| 2-Chlorotoluene | <0.93 | ug/L | 5.0 | 0.93 | 1 | | 07/16/20 14:33 | 95-49-8 | |
| 4-Chlorotoluene | <0.76 | ug/L | 2.5 | 0.76 | 1 | | 07/16/20 14:33 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.8 | ug/L | 5.9 | 1.8 | 1 | | 07/16/20 14:33 | 96-12-8 | |
| Dibromochloromethane | <2.6 | ug/L | 8.7 | 2.6 | 1 | | 07/16/20 14:33 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.83 | ug/L | 2.8 | 0.83 | 1 | | 07/16/20 14:33 | 106-93-4 | |
| Dibromomethane | <0.94 | ug/L | 3.1 | 0.94 | 1 | | 07/16/20 14:33 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 07/16/20 14:33 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.63 | ug/L | 2.1 | 0.63 | 1 | | 07/16/20 14:33 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.94 | ug/L | 3.1 | 0.94 | 1 | | 07/16/20 14:33 | 106-46-7 | |
| Dichlorodifluoromethane | <0.50 | ug/L | 5.0 | 0.50 | 1 | | 07/16/20 14:33 | 75-71-8 | |
| 1,1-Dichloroethane | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 07/16/20 14:33 | 75-34-3 | |
| 1,2-Dichloroethane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 07/16/20 14:33 | 107-06-2 | |
| 1,1-Dichloroethene | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 07/16/20 14:33 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 07/16/20 14:33 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.46 | ug/L | 1.5 | 0.46 | 1 | | 07/16/20 14:33 | 156-60-5 | |
| 1,2-Dichloropropane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 07/16/20 14:33 | 78-87-5 | |
| 1,3-Dichloropropane | <0.83 | ug/L | 2.8 | 0.83 | 1 | | 07/16/20 14:33 | 142-28-9 | |
| 2,2-Dichloropropane | <2.3 | ug/L | 7.6 | 2.3 | 1 | | 07/16/20 14:33 | 594-20-7 | |
| 1,1-Dichloropropene | <0.54 | ug/L | 1.8 | 0.54 | 1 | | 07/16/20 14:33 | 563-58-6 | |
| cis-1,3-Dichloropropene | <3.6 | ug/L | 12.1 | 3.6 | 1 | | 07/16/20 14:33 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <4.4 | ug/L | 14.6 | 4.4 | 1 | | 07/16/20 14:33 | 10061-02-6 | |
| Diisopropyl ether | <1.9 | ug/L | 6.3 | 1.9 | 1 | | 07/16/20 14:33 | 108-20-3 | |
| Ethylbenzene | <0.32 | ug/L | 1.1 | 0.32 | 1 | | 07/16/20 14:33 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <1.5 | ug/L | 4.9 | 1.5 | 1 | | 07/16/20 14:33 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <1.7 | ug/L | 5.6 | 1.7 | 1 | | 07/16/20 14:33 | 98-82-8 | |
| p-Isopropyltoluene | <0.80 | ug/L | 2.7 | 0.80 | 1 | | 07/16/20 14:33 | 99-87-6 | |
| Methylene Chloride | <0.58 | ug/L | 5.0 | 0.58 | 1 | | 07/16/20 14:33 | 75-09-2 | |
| Methyl-tert-butyl ether | <1.2 | ug/L | 4.2 | 1.2 | 1 | | 07/16/20 14:33 | 1634-04-4 | |
| Naphthalene | <1.2 | ug/L | 5.0 | 1.2 | 1 | | 07/16/20 14:33 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 5.0 | 0.81 | 1 | | 07/16/20 14:33 | 103-65-1 | |
| Styrene | <3.0 | ug/L | 10.0 | 3.0 | 1 | | 07/16/20 14:33 | 100-42-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TWIN LAKES LAUNDRY

Pace Project No.: 40211140

Sample: MW-4 **Lab ID: 40211140004** Collected: 07/13/20 12:15 Received: 07/15/20 08:25 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|-------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | | | | | | | | |
| Analytical Method: EPA 8260 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 07/16/20 14:33 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 07/16/20 14:33 | 79-34-5 | |
| Tetrachloroethene | <0.33 | ug/L | 1.1 | 0.33 | 1 | | 07/16/20 14:33 | 127-18-4 | |
| Toluene | <0.27 | ug/L | 0.90 | 0.27 | 1 | | 07/16/20 14:33 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <2.2 | ug/L | 7.4 | 2.2 | 1 | | 07/16/20 14:33 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.95 | ug/L | 5.0 | 0.95 | 1 | | 07/16/20 14:33 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 07/16/20 14:33 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.55 | ug/L | 5.0 | 0.55 | 1 | | 07/16/20 14:33 | 79-00-5 | |
| Trichloroethene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 07/16/20 14:33 | 79-01-6 | |
| Trichlorofluoromethane | <0.21 | ug/L | 1.0 | 0.21 | 1 | | 07/16/20 14:33 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.59 | ug/L | 5.0 | 0.59 | 1 | | 07/16/20 14:33 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.84 | ug/L | 2.8 | 0.84 | 1 | | 07/16/20 14:33 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.87 | ug/L | 2.9 | 0.87 | 1 | | 07/16/20 14:33 | 108-67-8 | |
| Vinyl chloride | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 07/16/20 14:33 | 75-01-4 | |
| m&p-Xylene | <0.47 | ug/L | 2.0 | 0.47 | 1 | | 07/16/20 14:33 | 179601-23-1 | |
| o-Xylene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 07/16/20 14:33 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 91 | % | 70-130 | | 1 | | 07/16/20 14:33 | 460-00-4 | |
| Dibromofluoromethane (S) | 107 | % | 70-130 | | 1 | | 07/16/20 14:33 | 1868-53-7 | |
| Toluene-d8 (S) | 101 | % | 70-130 | | 1 | | 07/16/20 14:33 | 2037-26-5 | |

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ANALYTICAL RESULTS

Project: TWIN LAKES LAUNDRY

Pace Project No.: 40211140

Sample: MW-5 Lab ID: 40211140005 Collected: 07/13/20 14:15 Received: 07/15/20 08:25 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|-------|------|------|----|----------|----------------|------------|------|
| 8260 MSV | | | | | | | | | |
| Analytical Method: EPA 8260 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <0.25 | ug/L | 1.0 | 0.25 | 1 | | 07/16/20 12:25 | 71-43-2 | |
| Bromobenzene | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 07/16/20 12:25 | 108-86-1 | |
| Bromochloromethane | <0.36 | ug/L | 5.0 | 0.36 | 1 | | 07/16/20 12:25 | 74-97-5 | |
| Bromodichloromethane | <0.36 | ug/L | 1.2 | 0.36 | 1 | | 07/16/20 12:25 | 75-27-4 | |
| Bromoform | <4.0 | ug/L | 13.2 | 4.0 | 1 | | 07/16/20 12:25 | 75-25-2 | |
| Bromomethane | <0.97 | ug/L | 5.0 | 0.97 | 1 | | 07/16/20 12:25 | 74-83-9 | |
| n-Butylbenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 07/16/20 12:25 | 104-51-8 | |
| sec-Butylbenzene | <0.85 | ug/L | 5.0 | 0.85 | 1 | | 07/16/20 12:25 | 135-98-8 | |
| tert-Butylbenzene | <0.30 | ug/L | 1.0 | 0.30 | 1 | | 07/16/20 12:25 | 98-06-6 | |
| Carbon tetrachloride | <1.1 | ug/L | 3.6 | 1.1 | 1 | | 07/16/20 12:25 | 56-23-5 | |
| Chlorobenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 07/16/20 12:25 | 108-90-7 | |
| Chloroethane | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 07/16/20 12:25 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 07/16/20 12:25 | 67-66-3 | |
| Chloromethane | <2.2 | ug/L | 7.3 | 2.2 | 1 | | 07/16/20 12:25 | 74-87-3 | |
| 2-Chlorotoluene | <0.93 | ug/L | 5.0 | 0.93 | 1 | | 07/16/20 12:25 | 95-49-8 | |
| 4-Chlorotoluene | <0.76 | ug/L | 2.5 | 0.76 | 1 | | 07/16/20 12:25 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.8 | ug/L | 5.9 | 1.8 | 1 | | 07/16/20 12:25 | 96-12-8 | |
| Dibromochloromethane | <2.6 | ug/L | 8.7 | 2.6 | 1 | | 07/16/20 12:25 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.83 | ug/L | 2.8 | 0.83 | 1 | | 07/16/20 12:25 | 106-93-4 | |
| Dibromomethane | <0.94 | ug/L | 3.1 | 0.94 | 1 | | 07/16/20 12:25 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 07/16/20 12:25 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.63 | ug/L | 2.1 | 0.63 | 1 | | 07/16/20 12:25 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.94 | ug/L | 3.1 | 0.94 | 1 | | 07/16/20 12:25 | 106-46-7 | |
| Dichlorodifluoromethane | <0.50 | ug/L | 5.0 | 0.50 | 1 | | 07/16/20 12:25 | 75-71-8 | |
| 1,1-Dichloroethane | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 07/16/20 12:25 | 75-34-3 | |
| 1,2-Dichloroethane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 07/16/20 12:25 | 107-06-2 | |
| 1,1-Dichloroethene | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 07/16/20 12:25 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 07/16/20 12:25 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.46 | ug/L | 1.5 | 0.46 | 1 | | 07/16/20 12:25 | 156-60-5 | |
| 1,2-Dichloropropane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 07/16/20 12:25 | 78-87-5 | |
| 1,3-Dichloropropane | <0.83 | ug/L | 2.8 | 0.83 | 1 | | 07/16/20 12:25 | 142-28-9 | |
| 2,2-Dichloropropane | <2.3 | ug/L | 7.6 | 2.3 | 1 | | 07/16/20 12:25 | 594-20-7 | |
| 1,1-Dichloropropene | <0.54 | ug/L | 1.8 | 0.54 | 1 | | 07/16/20 12:25 | 563-58-6 | |
| cis-1,3-Dichloropropene | <3.6 | ug/L | 12.1 | 3.6 | 1 | | 07/16/20 12:25 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <4.4 | ug/L | 14.6 | 4.4 | 1 | | 07/16/20 12:25 | 10061-02-6 | |
| Diisopropyl ether | <1.9 | ug/L | 6.3 | 1.9 | 1 | | 07/16/20 12:25 | 108-20-3 | |
| Ethylbenzene | <0.32 | ug/L | 1.1 | 0.32 | 1 | | 07/16/20 12:25 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <1.5 | ug/L | 4.9 | 1.5 | 1 | | 07/16/20 12:25 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <1.7 | ug/L | 5.6 | 1.7 | 1 | | 07/16/20 12:25 | 98-82-8 | |
| p-Isopropyltoluene | <0.80 | ug/L | 2.7 | 0.80 | 1 | | 07/16/20 12:25 | 99-87-6 | |
| Methylene Chloride | <0.58 | ug/L | 5.0 | 0.58 | 1 | | 07/16/20 12:25 | 75-09-2 | |
| Methyl-tert-butyl ether | <1.2 | ug/L | 4.2 | 1.2 | 1 | | 07/16/20 12:25 | 1634-04-4 | |
| Naphthalene | <1.2 | ug/L | 5.0 | 1.2 | 1 | | 07/16/20 12:25 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 5.0 | 0.81 | 1 | | 07/16/20 12:25 | 103-65-1 | |
| Styrene | <3.0 | ug/L | 10.0 | 3.0 | 1 | | 07/16/20 12:25 | 100-42-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TWIN LAKES LAUNDRY

Pace Project No.: 40211140

Sample: MW-5 **Lab ID: 40211140005** Collected: 07/13/20 14:15 Received: 07/15/20 08:25 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|-------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | | | | | | | | |
| Analytical Method: EPA 8260 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 07/16/20 12:25 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 07/16/20 12:25 | 79-34-5 | |
| Tetrachloroethene | <0.33 | ug/L | 1.1 | 0.33 | 1 | | 07/16/20 12:25 | 127-18-4 | |
| Toluene | <0.27 | ug/L | 0.90 | 0.27 | 1 | | 07/16/20 12:25 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <2.2 | ug/L | 7.4 | 2.2 | 1 | | 07/16/20 12:25 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.95 | ug/L | 5.0 | 0.95 | 1 | | 07/16/20 12:25 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 07/16/20 12:25 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.55 | ug/L | 5.0 | 0.55 | 1 | | 07/16/20 12:25 | 79-00-5 | |
| Trichloroethene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 07/16/20 12:25 | 79-01-6 | |
| Trichlorofluoromethane | <0.21 | ug/L | 1.0 | 0.21 | 1 | | 07/16/20 12:25 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.59 | ug/L | 5.0 | 0.59 | 1 | | 07/16/20 12:25 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.84 | ug/L | 2.8 | 0.84 | 1 | | 07/16/20 12:25 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.87 | ug/L | 2.9 | 0.87 | 1 | | 07/16/20 12:25 | 108-67-8 | |
| Vinyl chloride | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 07/16/20 12:25 | 75-01-4 | |
| m&p-Xylene | <0.47 | ug/L | 2.0 | 0.47 | 1 | | 07/16/20 12:25 | 179601-23-1 | |
| o-Xylene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 07/16/20 12:25 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 89 | % | 70-130 | | 1 | | 07/16/20 12:25 | 460-00-4 | |
| Dibromofluoromethane (S) | 106 | % | 70-130 | | 1 | | 07/16/20 12:25 | 1868-53-7 | |
| Toluene-d8 (S) | 102 | % | 70-130 | | 1 | | 07/16/20 12:25 | 2037-26-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TWIN LAKES LAUNDRY

Pace Project No.: 40211140

Sample: MW-7 Lab ID: 40211140006 Collected: 07/13/20 15:15 Received: 07/15/20 08:25 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|-------|------|------|----|----------|----------------|------------|------|
| 8260 MSV | | | | | | | | | |
| Analytical Method: EPA 8260 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <0.25 | ug/L | 1.0 | 0.25 | 1 | | 07/16/20 12:46 | 71-43-2 | |
| Bromobenzene | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 07/16/20 12:46 | 108-86-1 | |
| Bromochloromethane | <0.36 | ug/L | 5.0 | 0.36 | 1 | | 07/16/20 12:46 | 74-97-5 | |
| Bromodichloromethane | <0.36 | ug/L | 1.2 | 0.36 | 1 | | 07/16/20 12:46 | 75-27-4 | |
| Bromoform | <4.0 | ug/L | 13.2 | 4.0 | 1 | | 07/16/20 12:46 | 75-25-2 | |
| Bromomethane | <0.97 | ug/L | 5.0 | 0.97 | 1 | | 07/16/20 12:46 | 74-83-9 | |
| n-Butylbenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 07/16/20 12:46 | 104-51-8 | |
| sec-Butylbenzene | <0.85 | ug/L | 5.0 | 0.85 | 1 | | 07/16/20 12:46 | 135-98-8 | |
| tert-Butylbenzene | <0.30 | ug/L | 1.0 | 0.30 | 1 | | 07/16/20 12:46 | 98-06-6 | |
| Carbon tetrachloride | <1.1 | ug/L | 3.6 | 1.1 | 1 | | 07/16/20 12:46 | 56-23-5 | |
| Chlorobenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 07/16/20 12:46 | 108-90-7 | |
| Chloroethane | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 07/16/20 12:46 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 07/16/20 12:46 | 67-66-3 | |
| Chloromethane | <2.2 | ug/L | 7.3 | 2.2 | 1 | | 07/16/20 12:46 | 74-87-3 | |
| 2-Chlorotoluene | <0.93 | ug/L | 5.0 | 0.93 | 1 | | 07/16/20 12:46 | 95-49-8 | |
| 4-Chlorotoluene | <0.76 | ug/L | 2.5 | 0.76 | 1 | | 07/16/20 12:46 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.8 | ug/L | 5.9 | 1.8 | 1 | | 07/16/20 12:46 | 96-12-8 | |
| Dibromochloromethane | <2.6 | ug/L | 8.7 | 2.6 | 1 | | 07/16/20 12:46 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.83 | ug/L | 2.8 | 0.83 | 1 | | 07/16/20 12:46 | 106-93-4 | |
| Dibromomethane | <0.94 | ug/L | 3.1 | 0.94 | 1 | | 07/16/20 12:46 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 07/16/20 12:46 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.63 | ug/L | 2.1 | 0.63 | 1 | | 07/16/20 12:46 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.94 | ug/L | 3.1 | 0.94 | 1 | | 07/16/20 12:46 | 106-46-7 | |
| Dichlorodifluoromethane | <0.50 | ug/L | 5.0 | 0.50 | 1 | | 07/16/20 12:46 | 75-71-8 | |
| 1,1-Dichloroethane | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 07/16/20 12:46 | 75-34-3 | |
| 1,2-Dichloroethane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 07/16/20 12:46 | 107-06-2 | |
| 1,1-Dichloroethene | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 07/16/20 12:46 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 07/16/20 12:46 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.46 | ug/L | 1.5 | 0.46 | 1 | | 07/16/20 12:46 | 156-60-5 | |
| 1,2-Dichloropropane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 07/16/20 12:46 | 78-87-5 | |
| 1,3-Dichloropropane | <0.83 | ug/L | 2.8 | 0.83 | 1 | | 07/16/20 12:46 | 142-28-9 | |
| 2,2-Dichloropropane | <2.3 | ug/L | 7.6 | 2.3 | 1 | | 07/16/20 12:46 | 594-20-7 | |
| 1,1-Dichloropropene | <0.54 | ug/L | 1.8 | 0.54 | 1 | | 07/16/20 12:46 | 563-58-6 | |
| cis-1,3-Dichloropropene | <3.6 | ug/L | 12.1 | 3.6 | 1 | | 07/16/20 12:46 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <4.4 | ug/L | 14.6 | 4.4 | 1 | | 07/16/20 12:46 | 10061-02-6 | |
| Diisopropyl ether | <1.9 | ug/L | 6.3 | 1.9 | 1 | | 07/16/20 12:46 | 108-20-3 | |
| Ethylbenzene | <0.32 | ug/L | 1.1 | 0.32 | 1 | | 07/16/20 12:46 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <1.5 | ug/L | 4.9 | 1.5 | 1 | | 07/16/20 12:46 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <1.7 | ug/L | 5.6 | 1.7 | 1 | | 07/16/20 12:46 | 98-82-8 | |
| p-Isopropyltoluene | <0.80 | ug/L | 2.7 | 0.80 | 1 | | 07/16/20 12:46 | 99-87-6 | |
| Methylene Chloride | <0.58 | ug/L | 5.0 | 0.58 | 1 | | 07/16/20 12:46 | 75-09-2 | |
| Methyl-tert-butyl ether | <1.2 | ug/L | 4.2 | 1.2 | 1 | | 07/16/20 12:46 | 1634-04-4 | |
| Naphthalene | <1.2 | ug/L | 5.0 | 1.2 | 1 | | 07/16/20 12:46 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 5.0 | 0.81 | 1 | | 07/16/20 12:46 | 103-65-1 | |
| Styrene | <3.0 | ug/L | 10.0 | 3.0 | 1 | | 07/16/20 12:46 | 100-42-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TWIN LAKES LAUNDRY

Pace Project No.: 40211140

Sample: MW-7 **Lab ID: 40211140006** Collected: 07/13/20 15:15 Received: 07/15/20 08:25 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|-------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | | | | | | | | |
| Analytical Method: EPA 8260 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 07/16/20 12:46 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 07/16/20 12:46 | 79-34-5 | |
| Tetrachloroethene | <0.33 | ug/L | 1.1 | 0.33 | 1 | | 07/16/20 12:46 | 127-18-4 | |
| Toluene | <0.27 | ug/L | 0.90 | 0.27 | 1 | | 07/16/20 12:46 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <2.2 | ug/L | 7.4 | 2.2 | 1 | | 07/16/20 12:46 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.95 | ug/L | 5.0 | 0.95 | 1 | | 07/16/20 12:46 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 07/16/20 12:46 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.55 | ug/L | 5.0 | 0.55 | 1 | | 07/16/20 12:46 | 79-00-5 | |
| Trichloroethene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 07/16/20 12:46 | 79-01-6 | |
| Trichlorofluoromethane | <0.21 | ug/L | 1.0 | 0.21 | 1 | | 07/16/20 12:46 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.59 | ug/L | 5.0 | 0.59 | 1 | | 07/16/20 12:46 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.84 | ug/L | 2.8 | 0.84 | 1 | | 07/16/20 12:46 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.87 | ug/L | 2.9 | 0.87 | 1 | | 07/16/20 12:46 | 108-67-8 | |
| Vinyl chloride | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 07/16/20 12:46 | 75-01-4 | |
| m&p-Xylene | <0.47 | ug/L | 2.0 | 0.47 | 1 | | 07/16/20 12:46 | 179601-23-1 | |
| o-Xylene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 07/16/20 12:46 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 89 | % | 70-130 | | 1 | | 07/16/20 12:46 | 460-00-4 | |
| Dibromofluoromethane (S) | 107 | % | 70-130 | | 1 | | 07/16/20 12:46 | 1868-53-7 | |
| Toluene-d8 (S) | 101 | % | 70-130 | | 1 | | 07/16/20 12:46 | 2037-26-5 | |

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ANALYTICAL RESULTS

Project: TWIN LAKES LAUNDRY

Pace Project No.: 40211140

Sample: PZ-1 **Lab ID: 40211140007** Collected: 07/13/20 13:30 Received: 07/15/20 08:25 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|-------|------|------|----|----------|----------------|------------|------|
| 8260 MSV | | | | | | | | | |
| Analytical Method: EPA 8260 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <0.25 | ug/L | 1.0 | 0.25 | 1 | | 07/16/20 13:08 | 71-43-2 | |
| Bromobenzene | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 07/16/20 13:08 | 108-86-1 | |
| Bromochloromethane | <0.36 | ug/L | 5.0 | 0.36 | 1 | | 07/16/20 13:08 | 74-97-5 | |
| Bromodichloromethane | <0.36 | ug/L | 1.2 | 0.36 | 1 | | 07/16/20 13:08 | 75-27-4 | |
| Bromoform | <4.0 | ug/L | 13.2 | 4.0 | 1 | | 07/16/20 13:08 | 75-25-2 | |
| Bromomethane | <0.97 | ug/L | 5.0 | 0.97 | 1 | | 07/16/20 13:08 | 74-83-9 | |
| n-Butylbenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 07/16/20 13:08 | 104-51-8 | |
| sec-Butylbenzene | <0.85 | ug/L | 5.0 | 0.85 | 1 | | 07/16/20 13:08 | 135-98-8 | |
| tert-Butylbenzene | <0.30 | ug/L | 1.0 | 0.30 | 1 | | 07/16/20 13:08 | 98-06-6 | |
| Carbon tetrachloride | <1.1 | ug/L | 3.6 | 1.1 | 1 | | 07/16/20 13:08 | 56-23-5 | |
| Chlorobenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 07/16/20 13:08 | 108-90-7 | |
| Chloroethane | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 07/16/20 13:08 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 07/16/20 13:08 | 67-66-3 | |
| Chloromethane | <2.2 | ug/L | 7.3 | 2.2 | 1 | | 07/16/20 13:08 | 74-87-3 | |
| 2-Chlorotoluene | <0.93 | ug/L | 5.0 | 0.93 | 1 | | 07/16/20 13:08 | 95-49-8 | |
| 4-Chlorotoluene | <0.76 | ug/L | 2.5 | 0.76 | 1 | | 07/16/20 13:08 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.8 | ug/L | 5.9 | 1.8 | 1 | | 07/16/20 13:08 | 96-12-8 | |
| Dibromochloromethane | <2.6 | ug/L | 8.7 | 2.6 | 1 | | 07/16/20 13:08 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.83 | ug/L | 2.8 | 0.83 | 1 | | 07/16/20 13:08 | 106-93-4 | |
| Dibromomethane | <0.94 | ug/L | 3.1 | 0.94 | 1 | | 07/16/20 13:08 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 07/16/20 13:08 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.63 | ug/L | 2.1 | 0.63 | 1 | | 07/16/20 13:08 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.94 | ug/L | 3.1 | 0.94 | 1 | | 07/16/20 13:08 | 106-46-7 | |
| Dichlorodifluoromethane | <0.50 | ug/L | 5.0 | 0.50 | 1 | | 07/16/20 13:08 | 75-71-8 | |
| 1,1-Dichloroethane | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 07/16/20 13:08 | 75-34-3 | |
| 1,2-Dichloroethane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 07/16/20 13:08 | 107-06-2 | |
| 1,1-Dichloroethene | 0.33J | ug/L | 1.0 | 0.24 | 1 | | 07/16/20 13:08 | 75-35-4 | |
| cis-1,2-Dichloroethene | 625 | ug/L | 20.0 | 5.4 | 20 | | 07/16/20 13:50 | 156-59-2 | |
| trans-1,2-Dichloroethene | 23.1 | ug/L | 1.5 | 0.46 | 1 | | 07/16/20 13:08 | 156-60-5 | |
| 1,2-Dichloropropane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 07/16/20 13:08 | 78-87-5 | |
| 1,3-Dichloropropane | <0.83 | ug/L | 2.8 | 0.83 | 1 | | 07/16/20 13:08 | 142-28-9 | |
| 2,2-Dichloropropane | <2.3 | ug/L | 7.6 | 2.3 | 1 | | 07/16/20 13:08 | 594-20-7 | |
| 1,1-Dichloropropene | <0.54 | ug/L | 1.8 | 0.54 | 1 | | 07/16/20 13:08 | 563-58-6 | |
| cis-1,3-Dichloropropene | <3.6 | ug/L | 12.1 | 3.6 | 1 | | 07/16/20 13:08 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <4.4 | ug/L | 14.6 | 4.4 | 1 | | 07/16/20 13:08 | 10061-02-6 | |
| Diisopropyl ether | <1.9 | ug/L | 6.3 | 1.9 | 1 | | 07/16/20 13:08 | 108-20-3 | |
| Ethylbenzene | <0.32 | ug/L | 1.1 | 0.32 | 1 | | 07/16/20 13:08 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <1.5 | ug/L | 4.9 | 1.5 | 1 | | 07/16/20 13:08 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <1.7 | ug/L | 5.6 | 1.7 | 1 | | 07/16/20 13:08 | 98-82-8 | |
| p-Isopropyltoluene | <0.80 | ug/L | 2.7 | 0.80 | 1 | | 07/16/20 13:08 | 99-87-6 | |
| Methylene Chloride | <0.58 | ug/L | 5.0 | 0.58 | 1 | | 07/16/20 13:08 | 75-09-2 | |
| Methyl-tert-butyl ether | <1.2 | ug/L | 4.2 | 1.2 | 1 | | 07/16/20 13:08 | 1634-04-4 | |
| Naphthalene | <1.2 | ug/L | 5.0 | 1.2 | 1 | | 07/16/20 13:08 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 5.0 | 0.81 | 1 | | 07/16/20 13:08 | 103-65-1 | |
| Styrene | <3.0 | ug/L | 10.0 | 3.0 | 1 | | 07/16/20 13:08 | 100-42-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TWIN LAKES LAUNDRY

Pace Project No.: 40211140

Sample: PZ-1 **Lab ID: 40211140007** Collected: 07/13/20 13:30 Received: 07/15/20 08:25 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|-------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | | | | | | | | |
| Analytical Method: EPA 8260 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 07/16/20 13:08 | 630-20-6 | |
| 1,1,1,2-Tetrachloroethane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 07/16/20 13:08 | 79-34-5 | |
| Tetrachloroethene | <0.33 | ug/L | 1.1 | 0.33 | 1 | | 07/16/20 13:08 | 127-18-4 | |
| Toluene | <0.27 | ug/L | 0.90 | 0.27 | 1 | | 07/16/20 13:08 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <2.2 | ug/L | 7.4 | 2.2 | 1 | | 07/16/20 13:08 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.95 | ug/L | 5.0 | 0.95 | 1 | | 07/16/20 13:08 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 07/16/20 13:08 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.55 | ug/L | 5.0 | 0.55 | 1 | | 07/16/20 13:08 | 79-00-5 | |
| Trichloroethene | 0.64J | ug/L | 1.0 | 0.26 | 1 | | 07/16/20 13:08 | 79-01-6 | |
| Trichlorofluoromethane | <0.21 | ug/L | 1.0 | 0.21 | 1 | | 07/16/20 13:08 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.59 | ug/L | 5.0 | 0.59 | 1 | | 07/16/20 13:08 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.84 | ug/L | 2.8 | 0.84 | 1 | | 07/16/20 13:08 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.87 | ug/L | 2.9 | 0.87 | 1 | | 07/16/20 13:08 | 108-67-8 | |
| Vinyl chloride | 43.0 | ug/L | 1.0 | 0.17 | 1 | | 07/16/20 13:08 | 75-01-4 | |
| m&p-Xylene | <0.47 | ug/L | 2.0 | 0.47 | 1 | | 07/16/20 13:08 | 179601-23-1 | |
| o-Xylene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 07/16/20 13:08 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 91 | % | 70-130 | | 1 | | 07/16/20 13:08 | 460-00-4 | |
| Dibromofluoromethane (S) | 107 | % | 70-130 | | 1 | | 07/16/20 13:08 | 1868-53-7 | |
| Toluene-d8 (S) | 102 | % | 70-130 | | 1 | | 07/16/20 13:08 | 2037-26-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TWIN LAKES LAUNDRY

Pace Project No.: 40211140

Sample: DUP **Lab ID: 40211140008** Collected: 07/13/20 00:00 Received: 07/15/20 08:25 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|---|------|------|----|----------|----------------|------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 Pace Analytical Services - Green Bay | | | | | | | |
| Benzene | <0.25 | ug/L | 1.0 | 0.25 | 1 | | 07/16/20 13:29 | 71-43-2 | |
| Bromobenzene | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 07/16/20 13:29 | 108-86-1 | |
| Bromochloromethane | <0.36 | ug/L | 5.0 | 0.36 | 1 | | 07/16/20 13:29 | 74-97-5 | |
| Bromodichloromethane | <0.36 | ug/L | 1.2 | 0.36 | 1 | | 07/16/20 13:29 | 75-27-4 | |
| Bromoform | <4.0 | ug/L | 13.2 | 4.0 | 1 | | 07/16/20 13:29 | 75-25-2 | |
| Bromomethane | <0.97 | ug/L | 5.0 | 0.97 | 1 | | 07/16/20 13:29 | 74-83-9 | |
| n-Butylbenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 07/16/20 13:29 | 104-51-8 | |
| sec-Butylbenzene | <0.85 | ug/L | 5.0 | 0.85 | 1 | | 07/16/20 13:29 | 135-98-8 | |
| tert-Butylbenzene | <0.30 | ug/L | 1.0 | 0.30 | 1 | | 07/16/20 13:29 | 98-06-6 | |
| Carbon tetrachloride | <1.1 | ug/L | 3.6 | 1.1 | 1 | | 07/16/20 13:29 | 56-23-5 | |
| Chlorobenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 07/16/20 13:29 | 108-90-7 | |
| Chloroethane | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 07/16/20 13:29 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 07/16/20 13:29 | 67-66-3 | |
| Chloromethane | <2.2 | ug/L | 7.3 | 2.2 | 1 | | 07/16/20 13:29 | 74-87-3 | |
| 2-Chlorotoluene | <0.93 | ug/L | 5.0 | 0.93 | 1 | | 07/16/20 13:29 | 95-49-8 | |
| 4-Chlorotoluene | <0.76 | ug/L | 2.5 | 0.76 | 1 | | 07/16/20 13:29 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.8 | ug/L | 5.9 | 1.8 | 1 | | 07/16/20 13:29 | 96-12-8 | |
| Dibromochloromethane | <2.6 | ug/L | 8.7 | 2.6 | 1 | | 07/16/20 13:29 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.83 | ug/L | 2.8 | 0.83 | 1 | | 07/16/20 13:29 | 106-93-4 | |
| Dibromomethane | <0.94 | ug/L | 3.1 | 0.94 | 1 | | 07/16/20 13:29 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 07/16/20 13:29 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.63 | ug/L | 2.1 | 0.63 | 1 | | 07/16/20 13:29 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.94 | ug/L | 3.1 | 0.94 | 1 | | 07/16/20 13:29 | 106-46-7 | |
| Dichlorodifluoromethane | <0.50 | ug/L | 5.0 | 0.50 | 1 | | 07/16/20 13:29 | 75-71-8 | |
| 1,1-Dichloroethane | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 07/16/20 13:29 | 75-34-3 | |
| 1,2-Dichloroethane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 07/16/20 13:29 | 107-06-2 | |
| 1,1-Dichloroethene | 0.28J | ug/L | 1.0 | 0.24 | 1 | | 07/16/20 13:29 | 75-35-4 | |
| cis-1,2-Dichloroethene | 594 | ug/L | 20.0 | 5.4 | 20 | | 07/16/20 14:12 | 156-59-2 | |
| trans-1,2-Dichloroethene | 22.9 | ug/L | 1.5 | 0.46 | 1 | | 07/16/20 13:29 | 156-60-5 | |
| 1,2-Dichloropropane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 07/16/20 13:29 | 78-87-5 | |
| 1,3-Dichloropropane | <0.83 | ug/L | 2.8 | 0.83 | 1 | | 07/16/20 13:29 | 142-28-9 | |
| 2,2-Dichloropropane | <2.3 | ug/L | 7.6 | 2.3 | 1 | | 07/16/20 13:29 | 594-20-7 | |
| 1,1-Dichloropropene | <0.54 | ug/L | 1.8 | 0.54 | 1 | | 07/16/20 13:29 | 563-58-6 | |
| cis-1,3-Dichloropropene | <3.6 | ug/L | 12.1 | 3.6 | 1 | | 07/16/20 13:29 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <4.4 | ug/L | 14.6 | 4.4 | 1 | | 07/16/20 13:29 | 10061-02-6 | |
| Diisopropyl ether | <1.9 | ug/L | 6.3 | 1.9 | 1 | | 07/16/20 13:29 | 108-20-3 | |
| Ethylbenzene | <0.32 | ug/L | 1.1 | 0.32 | 1 | | 07/16/20 13:29 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <1.5 | ug/L | 4.9 | 1.5 | 1 | | 07/16/20 13:29 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <1.7 | ug/L | 5.6 | 1.7 | 1 | | 07/16/20 13:29 | 98-82-8 | |
| p-Isopropyltoluene | <0.80 | ug/L | 2.7 | 0.80 | 1 | | 07/16/20 13:29 | 99-87-6 | |
| Methylene Chloride | <0.58 | ug/L | 5.0 | 0.58 | 1 | | 07/16/20 13:29 | 75-09-2 | |
| Methyl-tert-butyl ether | <1.2 | ug/L | 4.2 | 1.2 | 1 | | 07/16/20 13:29 | 1634-04-4 | |
| Naphthalene | <1.2 | ug/L | 5.0 | 1.2 | 1 | | 07/16/20 13:29 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 5.0 | 0.81 | 1 | | 07/16/20 13:29 | 103-65-1 | |
| Styrene | <3.0 | ug/L | 10.0 | 3.0 | 1 | | 07/16/20 13:29 | 100-42-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: TWIN LAKES LAUNDRY

Pace Project No.: 40211140

Sample: DUP **Lab ID: 40211140008** Collected: 07/13/20 00:00 Received: 07/15/20 08:25 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|-------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | | | | | | | | |
| Analytical Method: EPA 8260 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 07/16/20 13:29 | 630-20-6 | |
| 1,1,1,2-Tetrachloroethane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 07/16/20 13:29 | 79-34-5 | |
| Tetrachloroethene | <0.33 | ug/L | 1.1 | 0.33 | 1 | | 07/16/20 13:29 | 127-18-4 | |
| Toluene | <0.27 | ug/L | 0.90 | 0.27 | 1 | | 07/16/20 13:29 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <2.2 | ug/L | 7.4 | 2.2 | 1 | | 07/16/20 13:29 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.95 | ug/L | 5.0 | 0.95 | 1 | | 07/16/20 13:29 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 07/16/20 13:29 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.55 | ug/L | 5.0 | 0.55 | 1 | | 07/16/20 13:29 | 79-00-5 | |
| Trichloroethene | 0.63J | ug/L | 1.0 | 0.26 | 1 | | 07/16/20 13:29 | 79-01-6 | |
| Trichlorofluoromethane | <0.21 | ug/L | 1.0 | 0.21 | 1 | | 07/16/20 13:29 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.59 | ug/L | 5.0 | 0.59 | 1 | | 07/16/20 13:29 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.84 | ug/L | 2.8 | 0.84 | 1 | | 07/16/20 13:29 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.87 | ug/L | 2.9 | 0.87 | 1 | | 07/16/20 13:29 | 108-67-8 | |
| Vinyl chloride | 43.4 | ug/L | 1.0 | 0.17 | 1 | | 07/16/20 13:29 | 75-01-4 | |
| m&p-Xylene | <0.47 | ug/L | 2.0 | 0.47 | 1 | | 07/16/20 13:29 | 179601-23-1 | |
| o-Xylene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 07/16/20 13:29 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 92 | % | 70-130 | | 1 | | 07/16/20 13:29 | 460-00-4 | |
| Dibromofluoromethane (S) | 108 | % | 70-130 | | 1 | | 07/16/20 13:29 | 1868-53-7 | |
| Toluene-d8 (S) | 102 | % | 70-130 | | 1 | | 07/16/20 13:29 | 2037-26-5 | |

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ANALYTICAL RESULTS

Project: TWIN LAKES LAUNDRY

Pace Project No.: 40211140

Sample: TRIP BLANK Lab ID: 40211140009 Collected: 07/13/20 00:00 Received: 07/15/20 08:25 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|---|------|------|----|----------|----------------|------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 Pace Analytical Services - Green Bay | | | | | | | |
| Benzene | <0.25 | ug/L | 1.0 | 0.25 | 1 | | 07/16/20 10:16 | 71-43-2 | |
| Bromobenzene | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 07/16/20 10:16 | 108-86-1 | |
| Bromochloromethane | <0.36 | ug/L | 5.0 | 0.36 | 1 | | 07/16/20 10:16 | 74-97-5 | |
| Bromodichloromethane | <0.36 | ug/L | 1.2 | 0.36 | 1 | | 07/16/20 10:16 | 75-27-4 | |
| Bromoform | <4.0 | ug/L | 13.2 | 4.0 | 1 | | 07/16/20 10:16 | 75-25-2 | |
| Bromomethane | <0.97 | ug/L | 5.0 | 0.97 | 1 | | 07/16/20 10:16 | 74-83-9 | |
| n-Butylbenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 07/16/20 10:16 | 104-51-8 | |
| sec-Butylbenzene | <0.85 | ug/L | 5.0 | 0.85 | 1 | | 07/16/20 10:16 | 135-98-8 | |
| tert-Butylbenzene | <0.30 | ug/L | 1.0 | 0.30 | 1 | | 07/16/20 10:16 | 98-06-6 | |
| Carbon tetrachloride | <1.1 | ug/L | 3.6 | 1.1 | 1 | | 07/16/20 10:16 | 56-23-5 | |
| Chlorobenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 07/16/20 10:16 | 108-90-7 | |
| Chloroethane | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 07/16/20 10:16 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 07/16/20 10:16 | 67-66-3 | |
| Chloromethane | <2.2 | ug/L | 7.3 | 2.2 | 1 | | 07/16/20 10:16 | 74-87-3 | |
| 2-Chlorotoluene | <0.93 | ug/L | 5.0 | 0.93 | 1 | | 07/16/20 10:16 | 95-49-8 | |
| 4-Chlorotoluene | <0.76 | ug/L | 2.5 | 0.76 | 1 | | 07/16/20 10:16 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.8 | ug/L | 5.9 | 1.8 | 1 | | 07/16/20 10:16 | 96-12-8 | |
| Dibromochloromethane | <2.6 | ug/L | 8.7 | 2.6 | 1 | | 07/16/20 10:16 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.83 | ug/L | 2.8 | 0.83 | 1 | | 07/16/20 10:16 | 106-93-4 | |
| Dibromomethane | <0.94 | ug/L | 3.1 | 0.94 | 1 | | 07/16/20 10:16 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 07/16/20 10:16 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.63 | ug/L | 2.1 | 0.63 | 1 | | 07/16/20 10:16 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.94 | ug/L | 3.1 | 0.94 | 1 | | 07/16/20 10:16 | 106-46-7 | |
| Dichlorodifluoromethane | <0.50 | ug/L | 5.0 | 0.50 | 1 | | 07/16/20 10:16 | 75-71-8 | |
| 1,1-Dichloroethane | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 07/16/20 10:16 | 75-34-3 | |
| 1,2-Dichloroethane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 07/16/20 10:16 | 107-06-2 | |
| 1,1-Dichloroethene | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 07/16/20 10:16 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 07/16/20 10:16 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.46 | ug/L | 1.5 | 0.46 | 1 | | 07/16/20 10:16 | 156-60-5 | |
| 1,2-Dichloropropane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 07/16/20 10:16 | 78-87-5 | |
| 1,3-Dichloropropane | <0.83 | ug/L | 2.8 | 0.83 | 1 | | 07/16/20 10:16 | 142-28-9 | |
| 2,2-Dichloropropane | <2.3 | ug/L | 7.6 | 2.3 | 1 | | 07/16/20 10:16 | 594-20-7 | |
| 1,1-Dichloropropene | <0.54 | ug/L | 1.8 | 0.54 | 1 | | 07/16/20 10:16 | 563-58-6 | |
| cis-1,3-Dichloropropene | <3.6 | ug/L | 12.1 | 3.6 | 1 | | 07/16/20 10:16 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <4.4 | ug/L | 14.6 | 4.4 | 1 | | 07/16/20 10:16 | 10061-02-6 | |
| Diisopropyl ether | <1.9 | ug/L | 6.3 | 1.9 | 1 | | 07/16/20 10:16 | 108-20-3 | |
| Ethylbenzene | <0.32 | ug/L | 1.1 | 0.32 | 1 | | 07/16/20 10:16 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <1.5 | ug/L | 4.9 | 1.5 | 1 | | 07/16/20 10:16 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <1.7 | ug/L | 5.6 | 1.7 | 1 | | 07/16/20 10:16 | 98-82-8 | |
| p-Isopropyltoluene | <0.80 | ug/L | 2.7 | 0.80 | 1 | | 07/16/20 10:16 | 99-87-6 | |
| Methylene Chloride | <0.58 | ug/L | 5.0 | 0.58 | 1 | | 07/16/20 10:16 | 75-09-2 | |
| Methyl-tert-butyl ether | <1.2 | ug/L | 4.2 | 1.2 | 1 | | 07/16/20 10:16 | 1634-04-4 | |
| Naphthalene | <1.2 | ug/L | 5.0 | 1.2 | 1 | | 07/16/20 10:16 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 5.0 | 0.81 | 1 | | 07/16/20 10:16 | 103-65-1 | |
| Styrene | <3.0 | ug/L | 10.0 | 3.0 | 1 | | 07/16/20 10:16 | 100-42-5 | |

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ANALYTICAL RESULTS

Project: TWIN LAKES LAUNDRY
Pace Project No.: 40211140

Sample: TRIP BLANK **Lab ID: 40211140009** Collected: 07/13/20 00:00 Received: 07/15/20 08:25 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|-------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | | | | | | | | |
| Analytical Method: EPA 8260 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 07/16/20 10:16 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 07/16/20 10:16 | 79-34-5 | |
| Tetrachloroethene | <0.33 | ug/L | 1.1 | 0.33 | 1 | | 07/16/20 10:16 | 127-18-4 | |
| Toluene | <0.27 | ug/L | 0.90 | 0.27 | 1 | | 07/16/20 10:16 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <2.2 | ug/L | 7.4 | 2.2 | 1 | | 07/16/20 10:16 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.95 | ug/L | 5.0 | 0.95 | 1 | | 07/16/20 10:16 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 07/16/20 10:16 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.55 | ug/L | 5.0 | 0.55 | 1 | | 07/16/20 10:16 | 79-00-5 | |
| Trichloroethene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 07/16/20 10:16 | 79-01-6 | |
| Trichlorofluoromethane | <0.21 | ug/L | 1.0 | 0.21 | 1 | | 07/16/20 10:16 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.59 | ug/L | 5.0 | 0.59 | 1 | | 07/16/20 10:16 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.84 | ug/L | 2.8 | 0.84 | 1 | | 07/16/20 10:16 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.87 | ug/L | 2.9 | 0.87 | 1 | | 07/16/20 10:16 | 108-67-8 | |
| Vinyl chloride | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 07/16/20 10:16 | 75-01-4 | |
| m&p-Xylene | <0.47 | ug/L | 2.0 | 0.47 | 1 | | 07/16/20 10:16 | 179601-23-1 | |
| o-Xylene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 07/16/20 10:16 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 92 | % | 70-130 | | 1 | | 07/16/20 10:16 | 460-00-4 | HS |
| Dibromofluoromethane (S) | 107 | % | 70-130 | | 1 | | 07/16/20 10:16 | 1868-53-7 | |
| Toluene-d8 (S) | 101 | % | 70-130 | | 1 | | 07/16/20 10:16 | 2037-26-5 | |

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: TWIN LAKES LAUNDRY

Pace Project No.: 40211140

QC Batch: 360349

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40211140001, 40211140002, 40211140003, 40211140004, 40211140005, 40211140006, 40211140007, 40211140008, 40211140009

METHOD BLANK: 2083589

Matrix: Water

Associated Lab Samples: 40211140001, 40211140002, 40211140003, 40211140004, 40211140005, 40211140006, 40211140007, 40211140008, 40211140009

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------------------------|-------|--------------|-----------------|----------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/L | <0.27 | 1.0 | 07/16/20 08:08 | |
| 1,1,1-Trichloroethane | ug/L | <0.24 | 1.0 | 07/16/20 08:08 | |
| 1,1,2,2-Tetrachloroethane | ug/L | <0.28 | 1.0 | 07/16/20 08:08 | |
| 1,1,2-Trichloroethane | ug/L | <0.55 | 5.0 | 07/16/20 08:08 | |
| 1,1-Dichloroethane | ug/L | <0.27 | 1.0 | 07/16/20 08:08 | |
| 1,1-Dichloroethene | ug/L | <0.24 | 1.0 | 07/16/20 08:08 | |
| 1,1-Dichloropropene | ug/L | <0.54 | 1.8 | 07/16/20 08:08 | |
| 1,2,3-Trichlorobenzene | ug/L | <2.2 | 7.4 | 07/16/20 08:08 | |
| 1,2,3-Trichloropropane | ug/L | <0.59 | 5.0 | 07/16/20 08:08 | |
| 1,2,4-Trichlorobenzene | ug/L | <0.95 | 5.0 | 07/16/20 08:08 | |
| 1,2,4-Trimethylbenzene | ug/L | <0.84 | 2.8 | 07/16/20 08:08 | |
| 1,2-Dibromo-3-chloropropane | ug/L | <1.8 | 5.9 | 07/16/20 08:08 | |
| 1,2-Dibromoethane (EDB) | ug/L | <0.83 | 2.8 | 07/16/20 08:08 | |
| 1,2-Dichlorobenzene | ug/L | <0.71 | 2.4 | 07/16/20 08:08 | |
| 1,2-Dichloroethane | ug/L | <0.28 | 1.0 | 07/16/20 08:08 | |
| 1,2-Dichloropropane | ug/L | <0.28 | 1.0 | 07/16/20 08:08 | |
| 1,3,5-Trimethylbenzene | ug/L | <0.87 | 2.9 | 07/16/20 08:08 | |
| 1,3-Dichlorobenzene | ug/L | <0.63 | 2.1 | 07/16/20 08:08 | |
| 1,3-Dichloropropane | ug/L | <0.83 | 2.8 | 07/16/20 08:08 | |
| 1,4-Dichlorobenzene | ug/L | <0.94 | 3.1 | 07/16/20 08:08 | |
| 2,2-Dichloropropane | ug/L | <2.3 | 7.6 | 07/16/20 08:08 | |
| 2-Chlorotoluene | ug/L | <0.93 | 5.0 | 07/16/20 08:08 | |
| 4-Chlorotoluene | ug/L | <0.76 | 2.5 | 07/16/20 08:08 | |
| Benzene | ug/L | <0.25 | 1.0 | 07/16/20 08:08 | |
| Bromobenzene | ug/L | <0.24 | 1.0 | 07/16/20 08:08 | |
| Bromochloromethane | ug/L | <0.36 | 5.0 | 07/16/20 08:08 | |
| Bromodichloromethane | ug/L | <0.36 | 1.2 | 07/16/20 08:08 | |
| Bromoform | ug/L | <4.0 | 13.2 | 07/16/20 08:08 | |
| Bromomethane | ug/L | <0.97 | 5.0 | 07/16/20 08:08 | |
| Carbon tetrachloride | ug/L | <1.1 | 3.6 | 07/16/20 08:08 | |
| Chlorobenzene | ug/L | <0.71 | 2.4 | 07/16/20 08:08 | |
| Chloroethane | ug/L | <1.3 | 5.0 | 07/16/20 08:08 | |
| Chloroform | ug/L | <1.3 | 5.0 | 07/16/20 08:08 | |
| Chloromethane | ug/L | <2.2 | 7.3 | 07/16/20 08:08 | |
| cis-1,2-Dichloroethene | ug/L | <0.27 | 1.0 | 07/16/20 08:08 | |
| cis-1,3-Dichloropropene | ug/L | <3.6 | 12.1 | 07/16/20 08:08 | |
| Dibromochloromethane | ug/L | <2.6 | 8.7 | 07/16/20 08:08 | |
| Dibromomethane | ug/L | <0.94 | 3.1 | 07/16/20 08:08 | |
| Dichlorodifluoromethane | ug/L | <0.50 | 5.0 | 07/16/20 08:08 | |

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: TWIN LAKES LAUNDRY

Pace Project No.: 40211140

METHOD BLANK: 2083589

Matrix: Water

Associated Lab Samples: 40211140001, 40211140002, 40211140003, 40211140004, 40211140005, 40211140006, 40211140007, 40211140008, 40211140009

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---------------------------|-------|--------------|-----------------|----------------|------------|
| Diisopropyl ether | ug/L | <1.9 | 6.3 | 07/16/20 08:08 | |
| Ethylbenzene | ug/L | <0.32 | 1.1 | 07/16/20 08:08 | |
| Hexachloro-1,3-butadiene | ug/L | <1.5 | 4.9 | 07/16/20 08:08 | |
| Isopropylbenzene (Cumene) | ug/L | <1.7 | 5.6 | 07/16/20 08:08 | |
| m&p-Xylene | ug/L | <0.47 | 2.0 | 07/16/20 08:08 | |
| Methyl-tert-butyl ether | ug/L | <1.2 | 4.2 | 07/16/20 08:08 | |
| Methylene Chloride | ug/L | <0.58 | 5.0 | 07/16/20 08:08 | |
| n-Butylbenzene | ug/L | <0.71 | 2.4 | 07/16/20 08:08 | |
| n-Propylbenzene | ug/L | <0.81 | 5.0 | 07/16/20 08:08 | |
| Naphthalene | ug/L | <1.2 | 5.0 | 07/16/20 08:08 | |
| o-Xylene | ug/L | <0.26 | 1.0 | 07/16/20 08:08 | |
| p-Isopropyltoluene | ug/L | <0.80 | 2.7 | 07/16/20 08:08 | |
| sec-Butylbenzene | ug/L | <0.85 | 5.0 | 07/16/20 08:08 | |
| Styrene | ug/L | <3.0 | 10.0 | 07/16/20 08:08 | |
| tert-Butylbenzene | ug/L | <0.30 | 1.0 | 07/16/20 08:08 | |
| Tetrachloroethene | ug/L | <0.33 | 1.1 | 07/16/20 08:08 | |
| Toluene | ug/L | <0.27 | 0.90 | 07/16/20 08:08 | |
| trans-1,2-Dichloroethene | ug/L | <0.46 | 1.5 | 07/16/20 08:08 | |
| trans-1,3-Dichloropropene | ug/L | <4.4 | 14.6 | 07/16/20 08:08 | |
| Trichloroethene | ug/L | <0.26 | 1.0 | 07/16/20 08:08 | |
| Trichlorofluoromethane | ug/L | <0.21 | 1.0 | 07/16/20 08:08 | |
| Vinyl chloride | ug/L | <0.17 | 1.0 | 07/16/20 08:08 | |
| 4-Bromofluorobenzene (S) | % | 91 | 70-130 | 07/16/20 08:08 | |
| Dibromofluoromethane (S) | % | 102 | 70-130 | 07/16/20 08:08 | |
| Toluene-d8 (S) | % | 101 | 70-130 | 07/16/20 08:08 | |

LABORATORY CONTROL SAMPLE: 2083590

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,1,1-Trichloroethane | ug/L | 50 | 54.1 | 108 | 70-130 | |
| 1,1,1,2-Tetrachloroethane | ug/L | 50 | 49.2 | 98 | 64-131 | |
| 1,1,2-Trichloroethane | ug/L | 50 | 49.3 | 99 | 70-130 | |
| 1,1-Dichloroethane | ug/L | 50 | 52.8 | 106 | 69-163 | |
| 1,1-Dichloroethene | ug/L | 50 | 50.9 | 102 | 77-123 | |
| 1,2,4-Trichlorobenzene | ug/L | 50 | 49.7 | 99 | 68-130 | |
| 1,2-Dibromo-3-chloropropane | ug/L | 50 | 46.0 | 92 | 63-130 | |
| 1,2-Dibromoethane (EDB) | ug/L | 50 | 48.8 | 98 | 70-130 | |
| 1,2-Dichlorobenzene | ug/L | 50 | 48.8 | 98 | 70-130 | |
| 1,2-Dichloroethane | ug/L | 50 | 51.5 | 103 | 78-142 | |
| 1,2-Dichloropropane | ug/L | 50 | 52.6 | 105 | 86-134 | |
| 1,3-Dichlorobenzene | ug/L | 50 | 48.6 | 97 | 70-130 | |
| 1,4-Dichlorobenzene | ug/L | 50 | 48.3 | 97 | 70-130 | |
| Benzene | ug/L | 50 | 52.8 | 106 | 70-130 | |

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: TWIN LAKES LAUNDRY

Pace Project No.: 40211140

LABORATORY CONTROL SAMPLE: 2083590

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---------------------------|-------|-------------|------------|-----------|--------------|------------|
| Bromodichloromethane | ug/L | 50 | 52.5 | 105 | 70-130 | |
| Bromoform | ug/L | 50 | 47.9 | 96 | 70-130 | |
| Bromomethane | ug/L | 50 | 33.3 | 67 | 39-129 | |
| Carbon tetrachloride | ug/L | 50 | 54.9 | 110 | 70-132 | |
| Chlorobenzene | ug/L | 50 | 51.6 | 103 | 70-130 | |
| Chloroethane | ug/L | 50 | 49.8 | 100 | 66-140 | |
| Chloroform | ug/L | 50 | 49.8 | 100 | 75-132 | |
| Chloromethane | ug/L | 50 | 46.8 | 94 | 32-143 | |
| cis-1,2-Dichloroethene | ug/L | 50 | 48.8 | 98 | 70-130 | |
| cis-1,3-Dichloropropene | ug/L | 50 | 49.6 | 99 | 70-130 | |
| Dibromochloromethane | ug/L | 50 | 45.8 | 92 | 70-130 | |
| Dichlorodifluoromethane | ug/L | 50 | 42.5 | 85 | 10-141 | |
| Ethylbenzene | ug/L | 50 | 53.4 | 107 | 80-120 | |
| Isopropylbenzene (Cumene) | ug/L | 50 | 49.1 | 98 | 70-130 | |
| m&p-Xylene | ug/L | 100 | 107 | 107 | 70-130 | |
| Methyl-tert-butyl ether | ug/L | 50 | 47.7 | 95 | 61-129 | |
| Methylene Chloride | ug/L | 50 | 49.8 | 100 | 70-130 | |
| o-Xylene | ug/L | 50 | 52.2 | 104 | 70-130 | |
| Styrene | ug/L | 50 | 48.0 | 96 | 70-130 | |
| Tetrachloroethene | ug/L | 50 | 49.1 | 98 | 70-130 | |
| Toluene | ug/L | 50 | 51.7 | 103 | 80-120 | |
| trans-1,2-Dichloroethene | ug/L | 50 | 50.7 | 101 | 70-130 | |
| trans-1,3-Dichloropropene | ug/L | 50 | 46.5 | 93 | 69-130 | |
| Trichloroethene | ug/L | 50 | 51.5 | 103 | 70-130 | |
| Trichlorofluoromethane | ug/L | 50 | 52.1 | 104 | 75-145 | |
| Vinyl chloride | ug/L | 50 | 51.9 | 104 | 51-140 | |
| 4-Bromofluorobenzene (S) | % | | | 102 | 70-130 | |
| Dibromofluoromethane (S) | % | | | 102 | 70-130 | |
| Toluene-d8 (S) | % | | | 100 | 70-130 | |

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: TWIN LAKES LAUNDRY

Pace Project No.: 40211140

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: TWIN LAKES LAUNDRY
Pace Project No.: 40211140

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|------------|-----------------|----------|-------------------|------------------|
| 40211140001 | MW-1 | EPA 8260 | 360349 | | |
| 40211140002 | MW-2 | EPA 8260 | 360349 | | |
| 40211140003 | MW-3 | EPA 8260 | 360349 | | |
| 40211140004 | MW-4 | EPA 8260 | 360349 | | |
| 40211140005 | MW-5 | EPA 8260 | 360349 | | |
| 40211140006 | MW-7 | EPA 8260 | 360349 | | |
| 40211140007 | PZ-1 | EPA 8260 | 360349 | | |
| 40211140008 | DUP | EPA 8260 | 360349 | | |
| 40211140009 | TRIP BLANK | EPA 8260 | 360349 | | |

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: Konice Environmental Consulting
 Branch/Location: Port Washington, WI
 Project Contact: Kenneth Konice
 Phone: 262-284-2557
 Project Number:
 Project Name: Twin Lakes Laundry
 Project State: Wisconsin
 Sampled By (Print): Justin Bush
 Sampled By (Sign): [Signature]
 PO #:
 Regulatory Program:



UPPER MIDWEST REGION

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

Page 1 of

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CHAIN OF CUSTODY

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

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

| Y/N | Pick Letter | Analyses Requested | | | | | | | | | | | | | | | | | |
|-----|-------------|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| N | B | VOL5 | | | | | | | | | | | | | | | | | |

Quote #:
 Mail To Contact: Kenneth Konice
 Mail To Company: Konice Environmental Consulting
 Mail To Address: 10325 Spring Street
Port Washington, WI
 Invoice To Contact:
 Invoice To Company:
 Invoice To Address: Same
 Invoice To Phone:
 CLIENT COMMENTS:
 LAB COMMENTS (Lab Use Only):
 Profile #:

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

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

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

| PACE LAB # | CLIENT FIELD ID | COLLECTION | | MATRIX | Y/N | Pick Letter | Analyses Requested | | | | | | | | | | | | | |
|------------|-----------------|------------|-------|--------|-----|-------------|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | DATE | TIME | | | | | | | | | | | | | | | | | |
| 001 | MW-1 | 7-13-20 | 10:35 | GW | ✓ | | | | | | | | | | | | | | | |
| 002 | MW-2 | 7-13-20 | 11:20 | GW | ✓ | | | | | | | | | | | | | | | |
| 003 | MW-3 | 7-13-20 | 15:30 | GW | ✓ | | | | | | | | | | | | | | | |
| 004 | MW-4 | 7-13-20 | 12:15 | GW | ✓ | | | | | | | | | | | | | | | |
| 005 | MW-5 | 7-13-20 | 14:15 | GW | ✓ | | | | | | | | | | | | | | | |
| 006 | MW-7 | 7-13-20 | 15:15 | GW | ✓ | | | | | | | | | | | | | | | |
| 007 | PZ-1 | 7-13-20 | 13:30 | GW | ✓ | | | | | | | | | | | | | | | |
| 008 | Dup | 7-13-20 | | GW | ✓ | | | | | | | | | | | | | | | |
| 009 | Trip Blank | 7-13-20 | | W | ✓ | | | | | | | | | | | | | | | |

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: [Signature] Date/Time: 7/14/20 9:50 AM
 Relinquished By: Mary Fannin Date/Time: 7/14/20 13:20
 Relinquished By: CS Logistics Date/Time: 7-15-20 0825
 Relinquished By:
 Date/Time:

Received By: [Signature] Date/Time: 7/14/20 9:50
 Received By: Mary Fannin Date/Time: 7/14/20 9:50
 Received By: Madeline Z R R Pare Date/Time: 7-15-20 0825
 Received By:
 Date/Time:

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

Sample Preservation Receipt Form

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

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Client Name: Konicek Environmental Consulting Project # _____

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

Lab Lot# of pH paper: _____

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

Initial when completed: _____


Date/Time: _____

| Pace Lab # | Glass | | | | | | | Plastic | | | | | Vials | | | | Jars | | | | General | | | VOA Vials (>6mm) * | H2SO4 pH 52 | NaOH+Zn Act pH 29 | NaOH pH 12 | HNO3 pH 52 | pH after adjusted | Volume (mL) | | | | | | | |
|------------|-------|------|------|------|------|------|------|---------|------|------|------|------|-------|------|------|------|------|------|------|------|---------|------|------|--------------------|-------------|-------------------|------------|------------|-------------------|-------------|------|------|----|--|--|--|--------------|
| | AG1U | BG1U | AG1H | AG4S | AG4U | AG5U | AG2S | BG3U | BP1U | BP3U | BP3B | BP3N | BP3S | VG9A | DG9T | VG9U | VG9H | VG9M | VG9D | JGFU | JG9U | 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 |

MLR
7-15-20

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 | VG9A 40 mL clear ascorbic | JGFU 4 oz amber jar unpres |
| BG1U 1 liter clear glass | BP3U 250 mL plastic unpres | DG9T 40 mL amber Na Thio | JG9U 9 oz amber jar unpres |
| AG1H 1 liter amber glass HCL | BP3B 250 mL plastic NaOH | VG9U 40 mL clear vial unpres | WGFU 4 oz clear jar unpres |
| AG4S 125 mL amber glass H2SO4 | BP3N 250 mL plastic HNO3 | VG9H 40 mL clear vial HCL | WPFU 4 oz plastic jar unpres |
| AG4U 120 mL amber glass unpres | BP3S 250 mL plastic H2SO4 | VG9M 40 mL clear vial MeOH | SP5T 120 mL plastic Na Thiosulfate |
| AG5U 100 mL amber glass unpres | | VG9D 40 mL clear vial DI | ZPLC ziploc bag |
| AG2S 500 mL amber glass H2SO4 | | | GN |
| BG3U 250 mL clear glass unpres | | | |


| | | |
|---|---|--|
|  1241 Bellevue Street, Green Bay, WI 54302 | Document Name: Sample Condition Upon Receipt (SCUR) | Document Revised: 26Mar2020 |
| | Document No.: ENV-FRM-GBAY-0014-Rev.00 | Author: Pace Green Bay Quality Office |

Sample Condition Upon Receipt Form (SCUR)

Client Name: Kenicek Environmental Consulting
 Courier: CS Logistics Fed Ex Speedee UPS Waltco
 Client Pace Other: _____

Project #: _____

WO#: 40211140



40211140

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: RCT /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 if shipped on Dry Ice.

Person examining contents:
 Date: 7-15-20 / Initials: MLR
 Labeled By Initials: MLR

| | | |
|---|--|--|
| Chain of Custody Present: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 1. |
| Chain of Custody Filled Out: | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | 2. <u>proj. #, invoice to phone, pg # MLR 7-15-20</u> |
| Chain of Custody Relinquished: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 3. |
| Sampler Name & Signature on COC: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 4. |
| Samples Arrived within Hold Time: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 5. |
| - VOA Samples frozen upon receipt | <input type="checkbox"/> Yes <input type="checkbox"/> No | Date/Time: |
| Short Hold Time Analysis (<72hr): | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 6. |
| Rush Turn Around Time Requested: | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 7. |
| Sufficient Volume: | | 8. |
| For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | | |
| Correct Containers Used: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 9. |
| -Pace Containers Used: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | |
| -Pace IR Containers Used: | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| Containers Intact: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 10. |
| Filtered volume received for Dissolved tests | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 11. |
| Sample Labels match COC: | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | 12. <u>no times, no dash in ID (17007) MLR 7-15-20</u> |
| -Includes date/time/ID/Analysis Matrix: <u>N</u> | | |
| Trip Blank Present: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 13. |
| Trip Blank Custody Seals Present | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | |
| Pace Trip Blank Lot # (if purchased): <u>447</u> | | |

Client Notification/ Resolution: _____ If checked, see attached form for additional comments
 Person Contacted: _____ Date/Time: _____
 Comments/ Resolution: bulged septum: (1) 001, (2) 002, (3) 007, (1) 008 MLR 7-15-20

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