

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 #) | |
| Former Express Cleaners Site | | 02-52-547631 | |
| Address | City | State | ZIP Code |
| 3921-3941 N Main Street | Racine | WI | 53402 |

| Responsible Party | | | |
|---|----------------------------------|-------|----------|
| The person(s) responsible for completing this environmental investigation is: | | | |
| Property Owner | | | |
| Ehrlich Family Limited Partnership | | | |
| Address | City | State | ZIP Code |
| P.O. Box 081007 | Racine | WI | 53402 |
| Contact Person | Phone Number (include area code) | | |
| Mr. James Small, Trustee | (262) 898-9404 | | |
| Person or company that collected samples | | | |
| Ramboll US Corporation | | | |

Sample Results (Results Attached)

Reason for Sampling: Routine Other (define) _____

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

| Contaminant | In Soil? | | In Groundwater? | |
|--------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| | 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. <input type="radio"/> Yes <input checked="" type="radio"/> No |
| If yes, the sampled drinking water well had detectable contaminants. <input type="radio"/> Yes <input type="radio"/> No |

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

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

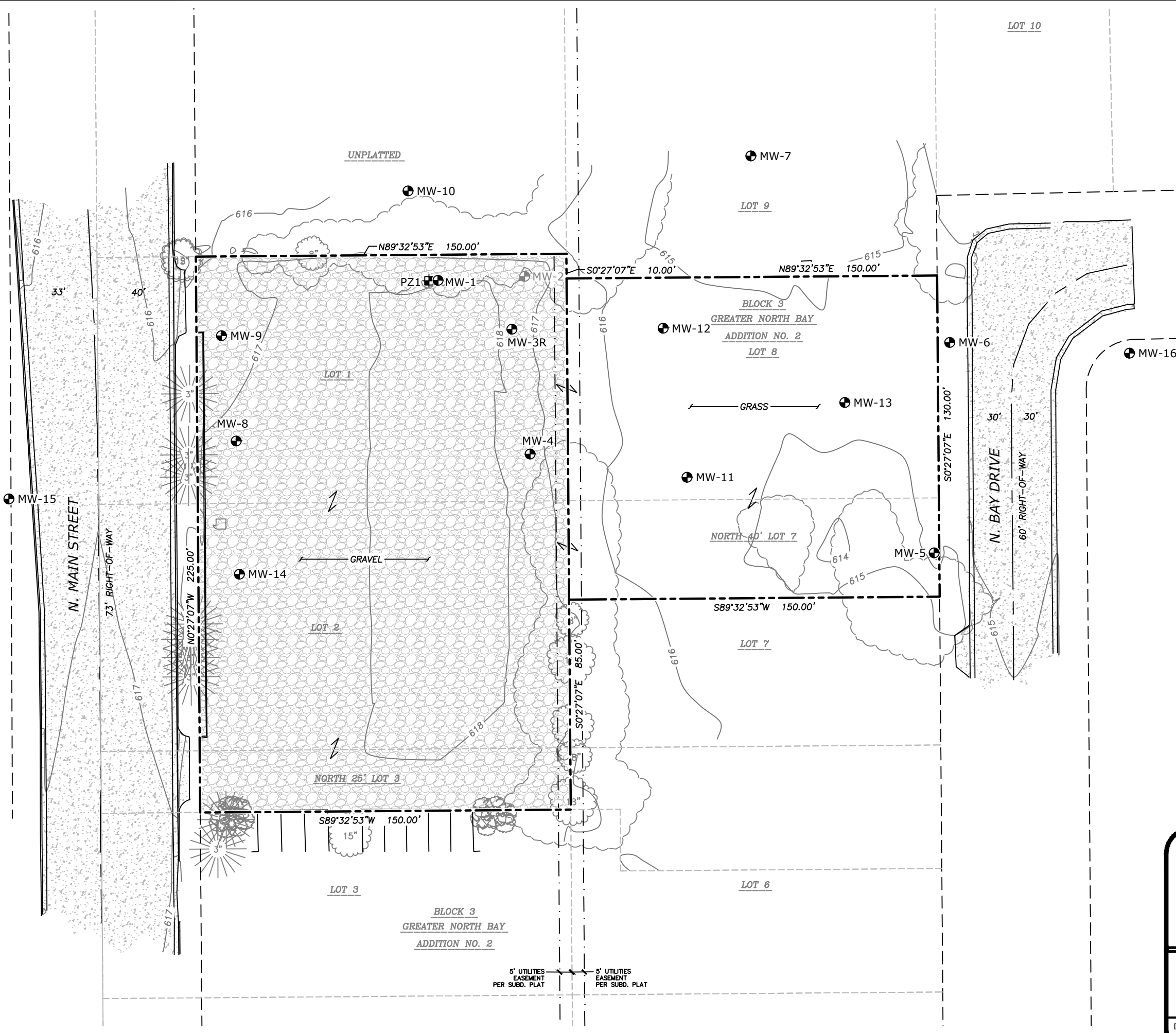
| | | | | |
|--------------------------------|----------------------|--------------------------|------------|----------|
| Company Name | | Contact Person Last Name | First Name | |
| Ramboll US Corporation | | Tarmann | Scott | |
| Address | | City | State | ZIP Code |
| 175 N Corporate Dr., Suite 160 | | Brookfield | WI | 53045 |
| Phone # (inc. area code) | Email | | | |
| (262) 901-0093 | starmann@ramboll.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) | | |
| Ryan | Nancy | (414) 263-8533 | | |
| Address | City | State | ZIP Code | |
| 2300 N Martin Luther King Dr. | Milwaukee | WI | 53212 | |
| Email | | | | |
| Nancy.Ryan@wisconsin.gov | | | | |

L:\Loop Project Files\CAD\1690004905_M&Z Express Cleaners_Results Notification\01_Monitoring Wells_v3.dwg



- LEGEND**
- PROPERTY BOUNDARY
 - EXISTING MONITORING WELL
 - ABANDONED MONITORING WELL
 - PIEZOMETER
 - DECIDUOUS TREE
 - CONIFEROUS TREE
 - BUSH
 - PLATTED LOT LINE
 - EASEMENT LINE
 - CENTERLINE
 - RIGHT-OF-WAY LINE
 - GRAVEL
 - CONCRETE PAVEMENT

LEGAL DESCRIPTION
 ALL OF LOTS 1 AND 2, THE NORTH 25 FEET OF LOT 3, THE NORTH 40 FEET OF LOT 7, AND ALL OF LOT 8, GREATER NORTH BAY ADDITION NO. 2.
 TAX KEY NOS: 276-00-00-04-690-001 AND 276-00-00-04-690-024.



MONITORING WELLS
 FORMER EXPRESS CLEANERS
 RACINE, WISCONSIN




FIGURE
1

DRAFTED BY: APR
DATE: 5/31/18
1690004905

Historical Analytical Groundwater Results
Former Express Cleaners
3941 N Main Street, Racine, Wisconsin

| Parameters | | Chloroform | Chloromethane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | trans-1,2-Dichloroethene | Methylene chloride | Tetrachloroethene | Trichloroethene | Vinyl chloride |
|----------------------|------------|------------|---------------|--------------------|------------------------|--------------------------|--------------------|-------------------|-----------------|----------------|
| CAS | | 67-66-3 | 74-87-3 | 75-35-4 | 156-59-2 | 156-60-5 | 75-09-2 | 127-18-4 | 79-01-6 | 75-01-4 |
| NR 140 ES Standard | | 6 | 30 | 7 | 70 | 100 | 5 | 5 | 5 | 0.2 |
| NR 140 PAL Standard | | 0.6 | 3 | 0.7 | 7 | 20 | 0.5 | 0.5 | 0.5 | 0.02 |
| MW-1 | 4/27/2007 | <4.8 | #N/A | #N/A | 13.6 J | <9.5 | #N/A | 330 | <4.4 | <2 |
| | 1/15/2008 | <4.8 | #N/A | #N/A | 13.9 J | <9.5 | #N/A | 179 | <4.4 | <2 |
| | 4/7/2011 | <0.49 | <1.9 | <0.6 | 15.3 | <0.79 | <1.1 | 173 | 4.9 | <0.18 |
| | 9/15/2016 | <5.0 | <1.0 | <0.82 | 96.3 | 5.1 | <0.47 | 193 | 15.5 | <0.35 |
| | 4/20/2017 | <5.0 | <1.0 | <0.82 | 39.4 | 3 | <0.47 | 98.6 | 384 | <0.35 |
| | 10/18/2017 | <125 | <25.0 | <20.5 | 5670 | 47.7 J | <11.6 | 86.0 | 138 | <8.8 |
| MW-1 DUP | 4/25/2018 | <5.0 | <1.0 | 8.2 | 9730 | 147 | <0.47 | 192 | 42.2 | 127 |
| | 10/18/2017 | <125 | <25.0 | <20.5 | 5550 | 38.7 J | <11.6 | 96.7 | 166 | <8.8 |
| MW-2 ⁽¹⁾ | 4/25/2018 | <5.0 | 1.9 J | 7.0 | 8990 | 147 | <0.47 | 283 | 55.9 | 108 |
| | 4/27/2007 | <4.8 | #N/A | #N/A | <6.8 | <9.5 | #N/A | 370 | 16.2 | <2 |
| MW-2 ⁽¹⁾ | 1/15/2008 | <4.8 | #N/A | #N/A | 21.1 J | <9.5 | #N/A | 223 | 14.7 | <2 |
| | 4/7/2011 | <0.49 | <1.9 | <0.6 | 22.7 | 0.86 J | <1.1 | 94 | 9 | <0.18 |
| | 9/14/2016 | <2.5 | 0.52 J | <0.41 | 29.7 | 1.6 | <0.23 | 47.1 | 14 | <0.18 |
| | 4/27/2007 | <24 | #N/A | #N/A | 1100 | <47.5 | #N/A | 2520 | 279 | <10 |
| MW-3 ⁽¹⁾ | 1/15/2008 | <24 | #N/A | #N/A | 1090 | <47.5 | #N/A | 2410 | 284 | <10 |
| | 4/7/2011 | <24.5 | <9.5 | <30 | 600 | <39.5 | <5.5 | 770 | 82 | <9 |
| | 9/15/2016 | <25.0 | <5.0 | <4.1 | 175 | 9.4 J | <2.3 | 437 | 34.5 | <1.8 |
| | 4/20/2017 | <50.0 | <10.0 | <8.2 | 1620 | <5.1 | 4.9 J | <10.0 | 23.3 | 11.1 J |
| MW-3R ⁽¹⁾ | 10/18/2017 | <125 | <25.0 | <20.5 | 6060 | 20.6 J | <11.6 | <25.0 | <16.5 | 49.9 J |
| | 4/25/2018 | <125 | <25.0 | <20.5 | 3850 | <12.8 | <11.6 | <25.0 | <16.5 | 48.5 J |
| | 4/27/2007 | <0.48 | #N/A | #N/A | <0.68 | <0.95 | #N/A | <0.52 | <0.44 | <0.2 |
| MW-4 | 1/15/2008 | <4.8 | #N/A | #N/A | <0.68 | <0.95 | #N/A | <0.52 | <0.44 | <0.2 |
| | 4/7/2011 | <0.49 | <1.9 | <0.6 | <0.74 | <0.79 | <1.1 | <0.44 | <0.47 | <0.18 |
| | 9/14/2016 | <2.5 | <0.50 | <0.41 | <0.26 | <0.26 | <0.23 | <0.50 | <0.33 | <0.18 |
| | 1/15/2008 | <0.48 | #N/A | #N/A | <0.68 | <0.95 | #N/A | <0.52 | <0.44 | <0.2 |
| MW-5 | 4/7/2011 | <0.49 | <1.9 | <0.6 | <0.74 | <0.79 | <1.1 | <0.44 | <0.47 | <0.18 |
| | 9/15/2016 | <2.5 | <0.50 | <0.41 | <0.26 | <0.26 | <0.23 | <0.50 | <0.33 | <0.18 |
| | 1/15/2008 | <0.48 | #N/A | #N/A | <0.68 | <0.95 | #N/A | 2.42 | 1.67 | <0.2 |
| MW-6 | 4/7/2011 | <0.49 | <1.9 | <0.6 | 19.1 | <0.79 | <1.1 | 6.5 | 3.03 | <0.18 |
| | 9/15/2016 | <2.5 | <0.50 | <0.41 | 4.5 | 0.53 J | <0.23 | 7.8 | 2.9 | <0.18 |
| | 4/19/2017 | <2.5 | <0.50 | <0.41 | 2.2 | <0.26 | <0.23 | 14.9 | 2.7 | <0.18 |
| | 10/17/2017 | <2.5 | <0.50 | <0.41 | 3.3 | 0.73 J | <0.23 | 9.3 | 2.9 | <0.18 |
| | 4/24/2018 | <2.5 | <0.50 | <0.41 | 1.3 | <0.26 | <0.23 | 8.1 | 2.6 | <0.18 |
| | 1/15/2008 | <0.48 | #N/A | #N/A | <0.68 | <0.95 | #N/A | <0.52 | <0.44 | <0.2 |
| MW-7 | 4/7/2011 | <0.49 | <1.9 | <0.6 | <0.74 | <0.79 | <1.1 | <0.44 | <0.47 | <0.18 |
| | 9/15/2016 | <2.5 | 1 | <0.41 | <0.26 | <0.26 | <0.23 | <0.50 | <0.33 | <0.18 |
| | 1/15/2008 | 0.55 J | #N/A | #N/A | 220 | 8.6 | #N/A | 826 | 36 | <0.2 |
| MW-8 | 4/7/2011 | <24.5 | <9.5 | <30 | 99 J | <39.5 | <5.5 | 810 | <23.5 | <9 |
| | 9/15/2016 | <25.0 | <5.0 | <4.1 | 71.4 | 4.9 J | <2.3 | 920 | 39.9 | <1.8 |
| | 4/20/2017 | <6.2 | <1.2 | <1.0 | 173 | 10 | 0.69 J | 49 | 371 | 0.69 J |
| | 10/18/2017 | <25.0 | <5.0 | <4.1 | 866 | 16.8 | <2.3 | <5.0 | <3.3 | <1.8 |
| | 4/25/2018 | <25.0 | <5.0 | <4.1 | 761 | 15.3 | <2.3 | <5.0 | <3.3 | 2.3 J |
| | 1/15/2008 | <0.48 | #N/A | #N/A | <0.68 | <0.95 | #N/A | <0.52 | <0.44 | <0.2 |
| MW-9 | 4/7/2011 | <0.49 | <1.9 | <0.6 | <0.74 | <0.79 | <1.1 | 1.52 | <0.47 | <0.18 |
| | 9/14/2016 | <2.5 | <0.50 | <0.41 | <0.26 | <0.26 | <0.23 | 0.88 J | <0.33 | <0.18 |
| | 4/20/2017 | <2.5 | <0.50 | <0.41 | <0.26 | <0.26 | <0.23 | 4.9 | <0.33 | <0.18 |
| | 10/17/2017 | <2.5 | <0.50 | <0.41 | <0.26 | <0.26 | <0.23 | 4.2 | <0.33 | <0.18 |
| | 4/24/2018 | <2.5 | <0.50 | <0.41 | 32.4 | <0.26 | <0.23 | 2.6 | <0.33 | <0.18 |
| | 4/20/2017 | <2.5 | <0.50 | <0.41 | <0.26 | <0.26 | <0.23 | 5.4 | <0.33 | <0.18 |
| MW-9 DUP | 10/17/2017 | <2.5 | <0.50 | <0.41 | <0.26 | <0.26 | <0.23 | 5.2 | <0.33 | <0.18 |
| | 4/24/2018 | <2.5 | <0.50 | <0.41 | 36.0 | <0.26 | <0.23 | 2.8 | <0.33 | <0.18 |
| | 1/15/2008 | <0.48 | #N/A | #N/A | <0.68 | <0.95 | #N/A | <0.52 | <0.44 | <0.2 |
| MW-10 | 4/7/2011 | <0.49 | <1.9 | <0.6 | <0.74 | <0.79 | <1.1 | <0.44 | <0.47 | <0.18 |
| | 9/15/2016 | <2.5 | 0.79 J | <0.41 | <0.26 | <0.26 | <0.23 | <0.50 | <0.33 | <0.18 |
| | 5/19/2009 | <1.48 | <0.5 | <0.47 | <0.68 | <0.61 | <1.5 | <0.42 | <0.39 | <0.2 |
| MW-11 | 4/7/2011 | <0.49 | <1.9 | <0.6 | <0.74 | <0.79 | <1.1 | <0.44 | <0.47 | <0.18 |
| | 9/15/2016 | <2.5 | 0.57 J | <0.41 | <0.26 | <0.26 | <0.23 | <0.50 | <0.33 | <0.18 |

Historical Analytical Groundwater Results
Former Express Cleaners
3941 N Main Street, Racine, Wisconsin

| Parameters | | Chloroform | Chloromethane | 1,1-Dichloroethene | cis-1,2-Dichloroethene | trans-1,2-Dichloroethene | Methylene chloride | Tetrachloroethene | Trichloroethene | Vinyl chloride |
|---------------------|------------|------------|---------------|--------------------|------------------------|--------------------------|--------------------|-------------------|-----------------|----------------|
| CAS | | 67-66-3 | 74-87-3 | 75-35-4 | 156-59-2 | 156-60-5 | 75-09-2 | 127-18-4 | 79-01-6 | 75-01-4 |
| NR 140 ES Standard | | 6 | 30 | 7 | 70 | 100 | 5 | 5 | 5 | 0.2 |
| NR 140 PAL Standard | | 0.6 | 3 | 0.7 | 7 | 20 | 0.5 | 0.5 | 0.5 | 0.02 |
| MW-12 | 5/19/2009 | <1.48 | <0.5 | <0.47 | 7.3 | <0.61 | <1.5 | 22.6 | 0.62 J | <0.2 |
| | 4/7/2011 | <0.49 | <1.9 | <0.6 | 1.91 J | <0.79 | <1.1 | 5.4 | <0.47 | <0.18 |
| | 9/15/2016 | <2.5 | 0.58 J | <0.41 | 92.8 | 5 | <0.23 | 25.7 | 2.5 | <0.18 |
| | 4/19/2017 | <2.5 | <0.50 | <0.41 | 41.5 | 2.1 | <0.23 | 36 | 2.6 | <0.18 |
| | 10/17/2017 | <2.5 | <0.50 | <0.41 | 76.2 | 3.2 | <0.23 | 69.5 | 7.6 | <0.18 |
| 4/24/2018 | <2.5 | <0.50 | <0.41 | 31.2 | 1.1 | <0.23 | 20.2 | 3.0 | <0.18 | |
| MW-13 | 5/19/2009 | <1.48 | <0.5 | <0.47 | <0.68 | <0.61 | <1.5 | <0.42 | <0.39 | <0.2 |
| | 4/7/2011 | <0.49 | <1.9 | <0.6 | <0.74 | <0.79 | <1.1 | <0.44 | <0.47 | <0.18 |
| | 9/15/2016 | <2.5 | 0.77 J | <0.41 | 4.7 | 0.56 J | <0.23 | <0.50 | <0.33 | <0.18 |
| | 4/19/2017 | <2.5 | <0.50 | <0.41 | <0.26 | <0.26 | <0.23 | 0.53 J | <0.33 | <0.18 |
| | 10/17/2017 | <2.5 | <0.50 | <0.41 | 4.2 | 0.52 J | <0.23 | <0.50 | <0.33 | <0.18 |
| 4/24/2018 | <2.5 | <0.50 | <0.41 | 1.1 | <0.26 | <0.23 | <0.50 | <0.33 | <0.18 | |
| MW-14 | 4/7/2011 | <0.49 | <1.9 | <0.6 | <0.74 | <0.79 | <1.1 | <0.44 | <0.47 | <0.18 |
| | 9/14/2016 | <2.5 | <0.50 | <0.41 | <0.26 | <0.26 | <0.23 | <0.50 | <0.33 | <0.18 |
| MW-15 | 4/7/2011 | <0.49 | <1.9 | <0.6 | <0.74 | <0.79 | <1.1 | <0.44 | <0.47 | <0.18 |
| | 9/14/2016 | <2.5 | <0.50 | <0.41 | <0.26 | <0.26 | <0.23 | <0.50 | <0.33 | <0.18 |
| | 4/19/2017 | <2.5 | <0.50 | <0.41 | <0.26 | <0.26 | <0.23 | <0.50 | <0.33 | <0.18 |
| | 10/17/2017 | <2.5 | <0.50 | <0.41 | <0.26 | <0.26 | <0.23 | <0.50 | <0.33 | <0.18 |
| | 4/24/2018 | <2.5 | <0.50 | <0.41 | <0.26 | <0.26 | <0.23 | <0.50 | <0.33 | <0.18 |
| MW-16 | 4/20/2017 | <2.5 | <0.50 | <0.41 | <0.26 | <0.26 | <0.23 | <0.50 | <0.33 | <0.18 |
| | 10/18/2017 | <2.5 | <0.50 | <0.41 | <0.26 | <0.26 | <0.23 | <0.50 | <0.33 | <0.18 |
| | 4/25/2018 | <2.5 | 1.1 | <0.41 | <0.26 | <0.26 | <0.23 | <0.50 | <0.33 | <0.18 |
| PZ-1 | 4/27/2007 | <4.8 | #N/A | #N/A | <0.68 | <9.5 | #N/A | <0.52 | <0.44 | <2 |
| | 1/15/2008 | <0.48 | #N/A | #N/A | <0.68 | <0.95 | #N/A | 1.16 J | <0.44 | <0.2 |
| | 4/7/2011 | <0.49 | <1.9 | <0.6 | <0.74 | <0.79 | <1.1 | 2.34 | <0.47 | <0.18 |
| | 9/15/2016 | <2.5 | <0.50 | <0.41 | <0.26 | <0.26 | <0.23 | 5.7 | <0.33 | <0.18 |
| | 10/18/2017 | <2.5 | <0.50 | <0.41 | <0.26 | <0.26 | <0.23 | 0.76 J | <0.33 | <0.18 |
| | 4/25/2018 | <2.5 | 1.9 | <0.41 | <0.26 | <0.26 | <0.23 | 0.57 J | <0.33 | <0.18 |

Notes:

VOCs = Volatile Organic compounds

ug/L = micrograms per Liter

ES = Enforcement Standard

PAL = Preventive Action Limit

Bold value = NR 140 ES Exceedance

Italic Value = NR 140 PAL Exceedance

-- = No NR 140 ES or PAL established.

#N/A = Not analyzed

J = Estimated concentration. Laboratory results reported between the method detection limit and limit of quantification.

¹ MW-2 and MW-3 were abandoned in October 2016. Replacement well MW-3R was installed in March 2017 following soil treatment.

Analytical results are displayed for detected parameters only.

May 10, 2018

Scott Tarmann
Ramboll Environ
175 North Corporate Dr
Suite 160
Brookfield, WI 53045

RE: Project: 1690004905 FORMER EXPRESS CLEA
Pace Project No.: 40168111

Dear Scott Tarmann:

Enclosed are the analytical results for sample(s) received by the laboratory on April 26, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



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

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 1690004905 FORMER EXPRESS CLEA
Pace Project No.: 40168111

Minnesota Certification IDs

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414-2485
A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #: MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064

Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: MN00064
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon NwTPH Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #: 74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DW Certification #: 9952 C
West Virginia DEP Certification #: 382
Wisconsin Certification #: 999407970

Green Bay Certification IDs

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

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

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 1690004905 FORMER EXPRESS CLEA
Pace Project No.: 40168111

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|-------------|------------|--------|----------------|----------------|
| 40168111001 | MW-15 | Water | 04/24/18 12:05 | 04/26/18 14:15 |
| 40168111002 | MW-13 | Water | 04/24/18 13:10 | 04/26/18 14:15 |
| 40168111003 | MW-6 | Water | 04/24/18 14:05 | 04/26/18 14:15 |
| 40168111004 | MW-12 | Water | 04/24/18 15:00 | 04/26/18 14:15 |
| 40168111005 | MW-9 | Water | 04/24/18 15:50 | 04/26/18 14:15 |
| 40168111006 | MW-9 DUP | Water | 04/24/18 15:50 | 04/26/18 14:15 |
| 40168111007 | PZ-1 | Water | 04/25/18 10:05 | 04/26/18 14:15 |
| 40168111008 | MW-1 | Water | 04/25/18 11:05 | 04/26/18 14:15 |
| 40168111009 | MW-1 DUP | Water | 04/25/18 11:05 | 04/26/18 14:15 |
| 40168111010 | MW-16 | Water | 04/25/18 12:10 | 04/26/18 14:15 |
| 40168111011 | MW-3R | Water | 04/25/18 13:30 | 04/26/18 14:15 |
| 40168111012 | MW-8 | Water | 04/25/18 14:35 | 04/26/18 14:15 |
| 40168111013 | TRIP BLANK | Water | 04/25/18 00:00 | 04/26/18 14:15 |

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|-------------|------------|--------------------|----------|-------------------|------------|
| 40168111001 | MW-15 | EPA 8260 | MDS | 65 | PASI-G |
| 40168111002 | MW-13 | EPA 8260 | MDS | 65 | PASI-G |
| 40168111003 | MW-6 | EPA 8260 | MDS | 65 | PASI-G |
| 40168111004 | MW-12 | EPA 8260 | MDS | 65 | PASI-G |
| 40168111005 | MW-9 | EPA 8260 | MDS | 65 | PASI-G |
| 40168111006 | MW-9 DUP | EPA 8260 | MDS | 65 | PASI-G |
| 40168111007 | PZ-1 | EPA 8260 | MDS | 65 | PASI-G |
| 40168111008 | MW-1 | EPA 8260 | MDS | 65 | PASI-G |
| 40168111009 | MW-1 DUP | EPA 8260 | MDS | 65 | PASI-G |
| 40168111010 | MW-16 | EPA 8260 | MDS | 65 | PASI-G |
| 40168111011 | MW-3R | EPA 8015B Modified | ALD | 3 | PASI-G |
| | | SM 3500-Fe B | RAM | 1 | PASI-M |
| | | EPA 6020A | RJS | 1 | PASI-M |
| | | EPA 8260 | MDS | 65 | PASI-G |
| | | EPA 300.0 | HMB | 1 | PASI-G |
| | | SM 3500-Fe B | DCL | 1 | PASI-M |
| | | EPA 353.2 | DAW | 1 | PASI-G |
| | | SM 5310C | TJJ | 1 | PASI-G |
| 40168111012 | MW-8 | EPA 8015B Modified | ALD | 3 | PASI-G |
| | | SM 3500-Fe B | RAM | 1 | PASI-M |
| | | EPA 6020A | RJS | 1 | PASI-M |
| | | EPA 8260 | MDS | 65 | PASI-G |
| | | EPA 300.0 | HMB | 1 | PASI-G |
| | | SM 3500-Fe B | DCL | 1 | PASI-M |
| | | EPA 353.2 | DAW | 1 | PASI-G |
| | | SM 5310C | TJJ | 1 | PASI-G |
| 40168111013 | TRIP BLANK | EPA 8260 | MDS | 65 | PASI-G |

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

| Lab Sample ID Method | Client Sample ID Parameters | Result | Units | Report Limit | Analyzed | Qualifiers |
|-------------------------|--------------------------------|--------|-------|--------------|----------------|------------|
| 40168111002 | MW-13 | | | | | |
| EPA 8260 | cis-1,2-Dichloroethene | 1.1 | ug/L | 1.0 | 04/27/18 16:40 | |
| 40168111003 | MW-6 | | | | | |
| EPA 8260 | cis-1,2-Dichloroethene | 1.3 | ug/L | 1.0 | 04/27/18 17:02 | |
| EPA 8260 | Tetrachloroethene | 8.1 | ug/L | 1.0 | 04/27/18 17:02 | |
| EPA 8260 | Trichloroethene | 2.6 | ug/L | 1.0 | 04/27/18 17:02 | |
| 40168111004 | MW-12 | | | | | |
| EPA 8260 | cis-1,2-Dichloroethene | 31.2 | ug/L | 1.0 | 04/27/18 17:23 | |
| EPA 8260 | trans-1,2-Dichloroethene | 1.1 | ug/L | 1.0 | 04/27/18 17:23 | |
| EPA 8260 | Tetrachloroethene | 20.2 | ug/L | 1.0 | 04/27/18 17:23 | |
| EPA 8260 | Trichloroethene | 3.0 | ug/L | 1.0 | 04/27/18 17:23 | |
| 40168111005 | MW-9 | | | | | |
| EPA 8260 | cis-1,2-Dichloroethene | 32.4 | ug/L | 1.0 | 04/27/18 17:45 | |
| EPA 8260 | Tetrachloroethene | 2.6 | ug/L | 1.0 | 04/27/18 17:45 | |
| 40168111006 | MW-9 DUP | | | | | |
| EPA 8260 | cis-1,2-Dichloroethene | 36.0 | ug/L | 1.0 | 04/27/18 18:07 | |
| EPA 8260 | Tetrachloroethene | 2.8 | ug/L | 1.0 | 04/27/18 18:07 | |
| 40168111007 | PZ-1 | | | | | |
| EPA 8260 | Chloromethane | 1.9 | ug/L | 1.0 | 04/27/18 18:28 | |
| EPA 8260 | Tetrachloroethene | 0.57J | ug/L | 1.0 | 04/27/18 18:28 | |
| 40168111008 | MW-1 | | | | | |
| EPA 8260 | 1,1-Dichloroethene | 8.2 | ug/L | 2.0 | 04/27/18 19:11 | |
| EPA 8260 | cis-1,2-Dichloroethene | 9730 | ug/L | 100 | 04/30/18 10:18 | |
| EPA 8260 | trans-1,2-Dichloroethene | 147 | ug/L | 2.0 | 04/27/18 19:11 | |
| EPA 8260 | Tetrachloroethene | 192 | ug/L | 2.0 | 04/27/18 19:11 | |
| EPA 8260 | Trichloroethene | 42.2 | ug/L | 2.0 | 04/27/18 19:11 | |
| EPA 8260 | Vinyl chloride | 127 | ug/L | 2.0 | 04/27/18 19:11 | |
| 40168111009 | MW-1 DUP | | | | | |
| EPA 8260 | Chloromethane | 1.9J | ug/L | 2.0 | 04/27/18 19:33 | |
| EPA 8260 | 1,1-Dichloroethene | 7.0 | ug/L | 2.0 | 04/27/18 19:33 | |
| EPA 8260 | cis-1,2-Dichloroethene | 8990 | ug/L | 100 | 04/30/18 10:40 | |
| EPA 8260 | trans-1,2-Dichloroethene | 147 | ug/L | 2.0 | 04/27/18 19:33 | |
| EPA 8260 | Tetrachloroethene | 283 | ug/L | 2.0 | 04/27/18 19:33 | |
| EPA 8260 | Trichloroethene | 55.9 | ug/L | 2.0 | 04/27/18 19:33 | |
| EPA 8260 | Vinyl chloride | 108 | ug/L | 2.0 | 04/27/18 19:33 | |
| 40168111010 | MW-16 | | | | | |
| EPA 8260 | Chloromethane | 1.1 | ug/L | 1.0 | 04/27/18 18:50 | |
| 40168111011 | MW-3R | | | | | |
| EPA 8015B Modified | Ethane | 81.5 | ug/L | 5.6 | 05/01/18 08:27 | |
| EPA 8015B Modified | Ethene | 158 | ug/L | 5.0 | 05/01/18 08:27 | |
| EPA 8015B Modified | Methane | 5660 | ug/L | 70.0 | 05/01/18 08:48 | |
| SM 3500-Fe B | Iron, Ferric | 0.76 | mg/L | 0.050 | 05/07/18 17:16 | N2 |
| EPA 6020A | Iron | 3410 | ug/L | 94.9 | 05/03/18 00:40 | |

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

| Lab Sample ID Method | Client Sample ID Parameters | Result | Units | Report Limit | Analyzed | Qualifiers |
|-------------------------|--------------------------------|--------|-------|--------------|----------------|------------|
| 40168111011 | MW-3R | | | | | |
| EPA 8260 | cis-1,2-Dichloroethene | 3850 | ug/L | 50.0 | 04/30/18 12:07 | |
| EPA 8260 | Vinyl chloride | 48.5J | ug/L | 50.0 | 04/27/18 19:55 | |
| SM 3500-Fe B | Iron, Ferrous | 2.6 | mg/L | 0.80 | 05/01/18 13:42 | H6 |
| SM 5310C | Total Organic Carbon | 910 | mg/L | 504 | 05/03/18 02:19 | |
| 40168111012 | MW-8 | | | | | |
| EPA 8015B Modified | Ethene | 3.1J | ug/L | 5.0 | 05/01/18 08:34 | |
| EPA 8015B Modified | Methane | 3160 | ug/L | 56.0 | 05/01/18 08:55 | M1 |
| SM 3500-Fe B | Iron, Ferric | 0.60 | mg/L | 0.050 | 05/08/18 16:30 | N2 |
| EPA 6020A | Iron | 14200 | ug/L | 94.9 | 05/03/18 01:18 | |
| EPA 8260 | cis-1,2-Dichloroethene | 761 | ug/L | 10.0 | 04/30/18 09:35 | |
| EPA 8260 | trans-1,2-Dichloroethene | 15.3 | ug/L | 10.0 | 04/30/18 09:35 | |
| EPA 8260 | Vinyl chloride | 2.3J | ug/L | 10.0 | 04/30/18 09:35 | |
| SM 3500-Fe B | Iron, Ferrous | 13.6 | mg/L | 8.0 | 05/08/18 14:36 | H6 |
| SM 5310C | Total Organic Carbon | 361 | mg/L | 252 | 05/03/18 09:17 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

Sample: MW-15 **Lab ID: 40168111001** Collected: 04/24/18 12:05 Received: 04/26/18 14:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|-----------------------------|-----|------|----|----------|----------------|------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Benzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:19 | 71-43-2 | |
| Bromobenzene | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 16:19 | 108-86-1 | |
| Bromochloromethane | <0.34 | ug/L | 1.0 | 0.34 | 1 | | 04/27/18 16:19 | 74-97-5 | |
| Bromodichloromethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:19 | 75-27-4 | |
| Bromoform | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:19 | 75-25-2 | |
| Bromomethane | <2.4 | ug/L | 5.0 | 2.4 | 1 | | 04/27/18 16:19 | 74-83-9 | |
| n-Butylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:19 | 104-51-8 | |
| sec-Butylbenzene | <2.2 | ug/L | 5.0 | 2.2 | 1 | | 04/27/18 16:19 | 135-98-8 | |
| tert-Butylbenzene | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 16:19 | 98-06-6 | |
| Carbon tetrachloride | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:19 | 56-23-5 | |
| Chlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:19 | 108-90-7 | |
| Chloroethane | <0.37 | ug/L | 1.0 | 0.37 | 1 | | 04/27/18 16:19 | 75-00-3 | |
| Chloroform | <2.5 | ug/L | 5.0 | 2.5 | 1 | | 04/27/18 16:19 | 67-66-3 | |
| Chloromethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:19 | 74-87-3 | |
| 2-Chlorotoluene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:19 | 95-49-8 | |
| 4-Chlorotoluene | <0.21 | ug/L | 1.0 | 0.21 | 1 | | 04/27/18 16:19 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <2.2 | ug/L | 5.0 | 2.2 | 1 | | 04/27/18 16:19 | 96-12-8 | |
| Dibromochloromethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:19 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 16:19 | 106-93-4 | |
| Dibromomethane | <0.43 | ug/L | 1.0 | 0.43 | 1 | | 04/27/18 16:19 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:19 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:19 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:19 | 106-46-7 | |
| Dichlorodifluoromethane | <0.22 | ug/L | 1.0 | 0.22 | 1 | | 04/27/18 16:19 | 75-71-8 | |
| 1,1-Dichloroethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 04/27/18 16:19 | 75-34-3 | |
| 1,2-Dichloroethane | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 04/27/18 16:19 | 107-06-2 | |
| 1,1-Dichloroethene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 04/27/18 16:19 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 04/27/18 16:19 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 04/27/18 16:19 | 156-60-5 | |
| 1,2-Dichloropropane | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 16:19 | 78-87-5 | |
| 1,3-Dichloropropane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:19 | 142-28-9 | |
| 2,2-Dichloropropane | <0.48 | ug/L | 1.0 | 0.48 | 1 | | 04/27/18 16:19 | 594-20-7 | |
| 1,1-Dichloropropene | <0.44 | ug/L | 1.0 | 0.44 | 1 | | 04/27/18 16:19 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:19 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 16:19 | 10061-02-6 | |
| Diisopropyl ether | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:19 | 108-20-3 | |
| Ethylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:19 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <2.1 | ug/L | 5.0 | 2.1 | 1 | | 04/27/18 16:19 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.14 | ug/L | 1.0 | 0.14 | 1 | | 04/27/18 16:19 | 98-82-8 | |
| p-Isopropyltoluene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:19 | 99-87-6 | |
| Methylene Chloride | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 16:19 | 75-09-2 | |
| Methyl-tert-butyl ether | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 04/27/18 16:19 | 1634-04-4 | |
| Naphthalene | <2.5 | ug/L | 5.0 | 2.5 | 1 | | 04/27/18 16:19 | 91-20-3 | |
| n-Propylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:19 | 103-65-1 | |
| Styrene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:19 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 16:19 | 630-20-6 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

Sample: MW-15 **Lab ID: 40168111001** Collected: 04/24/18 12:05 Received: 04/26/18 14:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------|---------|-----------------------------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| 1,1,2,2-Tetrachloroethane | <0.25 | ug/L | 1.0 | 0.25 | 1 | | 04/27/18 16:19 | 79-34-5 | |
| Tetrachloroethene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:19 | 127-18-4 | |
| Toluene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:19 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <2.1 | ug/L | 5.0 | 2.1 | 1 | | 04/27/18 16:19 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <2.2 | ug/L | 5.0 | 2.2 | 1 | | 04/27/18 16:19 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:19 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 04/27/18 16:19 | 79-00-5 | |
| Trichloroethene | <0.33 | ug/L | 1.0 | 0.33 | 1 | | 04/27/18 16:19 | 79-01-6 | |
| Trichlorofluoromethane | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 16:19 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:19 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:19 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:19 | 108-67-8 | |
| Vinyl chloride | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 16:19 | 75-01-4 | |
| Xylene (Total) | <1.5 | ug/L | 3.0 | 1.5 | 1 | | 04/27/18 16:19 | 1330-20-7 | |
| m&p-Xylene | <1.0 | ug/L | 2.0 | 1.0 | 1 | | 04/27/18 16:19 | 179601-23-1 | |
| o-Xylene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:19 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 92 | % | 61-130 | | 1 | | 04/27/18 16:19 | 460-00-4 | |
| Dibromofluoromethane (S) | 108 | % | 67-130 | | 1 | | 04/27/18 16:19 | 1868-53-7 | |
| Toluene-d8 (S) | 96 | % | 70-130 | | 1 | | 04/27/18 16:19 | 2037-26-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

Sample: MW-13 **Lab ID: 40168111002** Collected: 04/24/18 13:10 Received: 04/26/18 14:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|-----------------------------|-----|------|----|----------|----------------|------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Benzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:40 | 71-43-2 | |
| Bromobenzene | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 16:40 | 108-86-1 | |
| Bromochloromethane | <0.34 | ug/L | 1.0 | 0.34 | 1 | | 04/27/18 16:40 | 74-97-5 | |
| Bromodichloromethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:40 | 75-27-4 | |
| Bromoform | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:40 | 75-25-2 | |
| Bromomethane | <2.4 | ug/L | 5.0 | 2.4 | 1 | | 04/27/18 16:40 | 74-83-9 | |
| n-Butylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:40 | 104-51-8 | |
| sec-Butylbenzene | <2.2 | ug/L | 5.0 | 2.2 | 1 | | 04/27/18 16:40 | 135-98-8 | |
| tert-Butylbenzene | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 16:40 | 98-06-6 | |
| Carbon tetrachloride | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:40 | 56-23-5 | |
| Chlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:40 | 108-90-7 | |
| Chloroethane | <0.37 | ug/L | 1.0 | 0.37 | 1 | | 04/27/18 16:40 | 75-00-3 | |
| Chloroform | <2.5 | ug/L | 5.0 | 2.5 | 1 | | 04/27/18 16:40 | 67-66-3 | |
| Chloromethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:40 | 74-87-3 | |
| 2-Chlorotoluene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:40 | 95-49-8 | |
| 4-Chlorotoluene | <0.21 | ug/L | 1.0 | 0.21 | 1 | | 04/27/18 16:40 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <2.2 | ug/L | 5.0 | 2.2 | 1 | | 04/27/18 16:40 | 96-12-8 | |
| Dibromochloromethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:40 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 16:40 | 106-93-4 | |
| Dibromomethane | <0.43 | ug/L | 1.0 | 0.43 | 1 | | 04/27/18 16:40 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:40 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:40 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:40 | 106-46-7 | |
| Dichlorodifluoromethane | <0.22 | ug/L | 1.0 | 0.22 | 1 | | 04/27/18 16:40 | 75-71-8 | |
| 1,1-Dichloroethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 04/27/18 16:40 | 75-34-3 | |
| 1,2-Dichloroethane | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 04/27/18 16:40 | 107-06-2 | |
| 1,1-Dichloroethene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 04/27/18 16:40 | 75-35-4 | |
| cis-1,2-Dichloroethene | 1.1 | ug/L | 1.0 | 0.26 | 1 | | 04/27/18 16:40 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 04/27/18 16:40 | 156-60-5 | |
| 1,2-Dichloropropane | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 16:40 | 78-87-5 | |
| 1,3-Dichloropropane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:40 | 142-28-9 | |
| 2,2-Dichloropropane | <0.48 | ug/L | 1.0 | 0.48 | 1 | | 04/27/18 16:40 | 594-20-7 | |
| 1,1-Dichloropropene | <0.44 | ug/L | 1.0 | 0.44 | 1 | | 04/27/18 16:40 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:40 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 16:40 | 10061-02-6 | |
| Diisopropyl ether | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:40 | 108-20-3 | |
| Ethylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:40 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <2.1 | ug/L | 5.0 | 2.1 | 1 | | 04/27/18 16:40 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.14 | ug/L | 1.0 | 0.14 | 1 | | 04/27/18 16:40 | 98-82-8 | |
| p-Isopropyltoluene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:40 | 99-87-6 | |
| Methylene Chloride | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 16:40 | 75-09-2 | |
| Methyl-tert-butyl ether | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 04/27/18 16:40 | 1634-04-4 | |
| Naphthalene | <2.5 | ug/L | 5.0 | 2.5 | 1 | | 04/27/18 16:40 | 91-20-3 | |
| n-Propylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:40 | 103-65-1 | |
| Styrene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:40 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 16:40 | 630-20-6 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

Sample: MW-13 **Lab ID: 40168111002** Collected: 04/24/18 13:10 Received: 04/26/18 14:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV Analytical Method: EPA 8260 | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | <0.25 | ug/L | 1.0 | 0.25 | 1 | | 04/27/18 16:40 | 79-34-5 | |
| Tetrachloroethene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:40 | 127-18-4 | |
| Toluene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:40 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <2.1 | ug/L | 5.0 | 2.1 | 1 | | 04/27/18 16:40 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <2.2 | ug/L | 5.0 | 2.2 | 1 | | 04/27/18 16:40 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:40 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 04/27/18 16:40 | 79-00-5 | |
| Trichloroethene | <0.33 | ug/L | 1.0 | 0.33 | 1 | | 04/27/18 16:40 | 79-01-6 | |
| Trichlorofluoromethane | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 16:40 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:40 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:40 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:40 | 108-67-8 | |
| Vinyl chloride | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 16:40 | 75-01-4 | |
| Xylene (Total) | <1.5 | ug/L | 3.0 | 1.5 | 1 | | 04/27/18 16:40 | 1330-20-7 | |
| m&p-Xylene | <1.0 | ug/L | 2.0 | 1.0 | 1 | | 04/27/18 16:40 | 179601-23-1 | |
| o-Xylene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 16:40 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 92 | % | 61-130 | | 1 | | 04/27/18 16:40 | 460-00-4 | |
| Dibromofluoromethane (S) | 112 | % | 67-130 | | 1 | | 04/27/18 16:40 | 1868-53-7 | |
| Toluene-d8 (S) | 96 | % | 70-130 | | 1 | | 04/27/18 16:40 | 2037-26-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690004905 FORMER EXPRESS CLEA

Sample Project No.: 40168111

Sample: MW-6 **Lab ID: 40168111003** Collected: 04/24/18 14:05 Received: 04/26/18 14:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|-----------------------------|-----|------|----|----------|----------------|------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Benzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:02 | 71-43-2 | |
| Bromobenzene | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 17:02 | 108-86-1 | |
| Bromochloromethane | <0.34 | ug/L | 1.0 | 0.34 | 1 | | 04/27/18 17:02 | 74-97-5 | |
| Bromodichloromethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:02 | 75-27-4 | |
| Bromoform | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:02 | 75-25-2 | |
| Bromomethane | <2.4 | ug/L | 5.0 | 2.4 | 1 | | 04/27/18 17:02 | 74-83-9 | |
| n-Butylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:02 | 104-51-8 | |
| sec-Butylbenzene | <2.2 | ug/L | 5.0 | 2.2 | 1 | | 04/27/18 17:02 | 135-98-8 | |
| tert-Butylbenzene | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 17:02 | 98-06-6 | |
| Carbon tetrachloride | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:02 | 56-23-5 | |
| Chlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:02 | 108-90-7 | |
| Chloroethane | <0.37 | ug/L | 1.0 | 0.37 | 1 | | 04/27/18 17:02 | 75-00-3 | |
| Chloroform | <2.5 | ug/L | 5.0 | 2.5 | 1 | | 04/27/18 17:02 | 67-66-3 | |
| Chloromethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:02 | 74-87-3 | |
| 2-Chlorotoluene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:02 | 95-49-8 | |
| 4-Chlorotoluene | <0.21 | ug/L | 1.0 | 0.21 | 1 | | 04/27/18 17:02 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <2.2 | ug/L | 5.0 | 2.2 | 1 | | 04/27/18 17:02 | 96-12-8 | |
| Dibromochloromethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:02 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 17:02 | 106-93-4 | |
| Dibromomethane | <0.43 | ug/L | 1.0 | 0.43 | 1 | | 04/27/18 17:02 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:02 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:02 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:02 | 106-46-7 | |
| Dichlorodifluoromethane | <0.22 | ug/L | 1.0 | 0.22 | 1 | | 04/27/18 17:02 | 75-71-8 | |
| 1,1-Dichloroethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 04/27/18 17:02 | 75-34-3 | |
| 1,2-Dichloroethane | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 04/27/18 17:02 | 107-06-2 | |
| 1,1-Dichloroethene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 04/27/18 17:02 | 75-35-4 | |
| cis-1,2-Dichloroethene | 1.3 | ug/L | 1.0 | 0.26 | 1 | | 04/27/18 17:02 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 04/27/18 17:02 | 156-60-5 | |
| 1,2-Dichloropropane | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 17:02 | 78-87-5 | |
| 1,3-Dichloropropane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:02 | 142-28-9 | |
| 2,2-Dichloropropane | <0.48 | ug/L | 1.0 | 0.48 | 1 | | 04/27/18 17:02 | 594-20-7 | |
| 1,1-Dichloropropene | <0.44 | ug/L | 1.0 | 0.44 | 1 | | 04/27/18 17:02 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:02 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 17:02 | 10061-02-6 | |
| Diisopropyl ether | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:02 | 108-20-3 | |
| Ethylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:02 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <2.1 | ug/L | 5.0 | 2.1 | 1 | | 04/27/18 17:02 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.14 | ug/L | 1.0 | 0.14 | 1 | | 04/27/18 17:02 | 98-82-8 | |
| p-Isopropyltoluene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:02 | 99-87-6 | |
| Methylene Chloride | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 17:02 | 75-09-2 | |
| Methyl-tert-butyl ether | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 04/27/18 17:02 | 1634-04-4 | |
| Naphthalene | <2.5 | ug/L | 5.0 | 2.5 | 1 | | 04/27/18 17:02 | 91-20-3 | |
| n-Propylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:02 | 103-65-1 | |
| Styrene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:02 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 17:02 | 630-20-6 | |

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ANALYTICAL RESULTS

Project: 1690004905 FORMER EXPRESS CLEA
Pace Project No.: 40168111

Sample: MW-6 **Lab ID: 40168111003** Collected: 04/24/18 14:05 Received: 04/26/18 14:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------|---------|-----------------------------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| 1,1,2,2-Tetrachloroethane | <0.25 | ug/L | 1.0 | 0.25 | 1 | | 04/27/18 17:02 | 79-34-5 | |
| Tetrachloroethene | 8.1 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:02 | 127-18-4 | |
| Toluene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:02 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <2.1 | ug/L | 5.0 | 2.1 | 1 | | 04/27/18 17:02 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <2.2 | ug/L | 5.0 | 2.2 | 1 | | 04/27/18 17:02 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:02 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 04/27/18 17:02 | 79-00-5 | |
| Trichloroethene | 2.6 | ug/L | 1.0 | 0.33 | 1 | | 04/27/18 17:02 | 79-01-6 | |
| Trichlorofluoromethane | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 17:02 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:02 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:02 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:02 | 108-67-8 | |
| Vinyl chloride | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 17:02 | 75-01-4 | |
| Xylene (Total) | <1.5 | ug/L | 3.0 | 1.5 | 1 | | 04/27/18 17:02 | 1330-20-7 | |
| m&p-Xylene | <1.0 | ug/L | 2.0 | 1.0 | 1 | | 04/27/18 17:02 | 179601-23-1 | |
| o-Xylene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:02 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 92 | % | 61-130 | | 1 | | 04/27/18 17:02 | 460-00-4 | |
| Dibromofluoromethane (S) | 110 | % | 67-130 | | 1 | | 04/27/18 17:02 | 1868-53-7 | |
| Toluene-d8 (S) | 98 | % | 70-130 | | 1 | | 04/27/18 17:02 | 2037-26-5 | |

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ANALYTICAL RESULTS

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

Sample: MW-12 **Lab ID: 40168111004** Collected: 04/24/18 15:00 Received: 04/26/18 14:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|-----|------|----|----------|----------------|------------|------|
| 8260 MSV Analytical Method: EPA 8260 | | | | | | | | | |
| Benzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:23 | 71-43-2 | |
| Bromobenzene | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 17:23 | 108-86-1 | |
| Bromochloromethane | <0.34 | ug/L | 1.0 | 0.34 | 1 | | 04/27/18 17:23 | 74-97-5 | |
| Bromodichloromethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:23 | 75-27-4 | |
| Bromoform | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:23 | 75-25-2 | |
| Bromomethane | <2.4 | ug/L | 5.0 | 2.4 | 1 | | 04/27/18 17:23 | 74-83-9 | |
| n-Butylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:23 | 104-51-8 | |
| sec-Butylbenzene | <2.2 | ug/L | 5.0 | 2.2 | 1 | | 04/27/18 17:23 | 135-98-8 | |
| tert-Butylbenzene | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 17:23 | 98-06-6 | |
| Carbon tetrachloride | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:23 | 56-23-5 | |
| Chlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:23 | 108-90-7 | |
| Chloroethane | <0.37 | ug/L | 1.0 | 0.37 | 1 | | 04/27/18 17:23 | 75-00-3 | |
| Chloroform | <2.5 | ug/L | 5.0 | 2.5 | 1 | | 04/27/18 17:23 | 67-66-3 | |
| Chloromethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:23 | 74-87-3 | |
| 2-Chlorotoluene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:23 | 95-49-8 | |
| 4-Chlorotoluene | <0.21 | ug/L | 1.0 | 0.21 | 1 | | 04/27/18 17:23 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <2.2 | ug/L | 5.0 | 2.2 | 1 | | 04/27/18 17:23 | 96-12-8 | |
| Dibromochloromethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:23 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 17:23 | 106-93-4 | |
| Dibromomethane | <0.43 | ug/L | 1.0 | 0.43 | 1 | | 04/27/18 17:23 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:23 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:23 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:23 | 106-46-7 | |
| Dichlorodifluoromethane | <0.22 | ug/L | 1.0 | 0.22 | 1 | | 04/27/18 17:23 | 75-71-8 | |
| 1,1-Dichloroethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 04/27/18 17:23 | 75-34-3 | |
| 1,2-Dichloroethane | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 04/27/18 17:23 | 107-06-2 | |
| 1,1-Dichloroethene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 04/27/18 17:23 | 75-35-4 | |
| cis-1,2-Dichloroethene | 31.2 | ug/L | 1.0 | 0.26 | 1 | | 04/27/18 17:23 | 156-59-2 | |
| trans-1,2-Dichloroethene | 1.1 | ug/L | 1.0 | 0.26 | 1 | | 04/27/18 17:23 | 156-60-5 | |
| 1,2-Dichloropropane | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 17:23 | 78-87-5 | |
| 1,3-Dichloropropane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:23 | 142-28-9 | |
| 2,2-Dichloropropane | <0.48 | ug/L | 1.0 | 0.48 | 1 | | 04/27/18 17:23 | 594-20-7 | |
| 1,1-Dichloropropene | <0.44 | ug/L | 1.0 | 0.44 | 1 | | 04/27/18 17:23 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:23 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 17:23 | 10061-02-6 | |
| Diisopropyl ether | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:23 | 108-20-3 | |
| Ethylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:23 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <2.1 | ug/L | 5.0 | 2.1 | 1 | | 04/27/18 17:23 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.14 | ug/L | 1.0 | 0.14 | 1 | | 04/27/18 17:23 | 98-82-8 | |
| p-Isopropyltoluene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:23 | 99-87-6 | |
| Methylene Chloride | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 17:23 | 75-09-2 | |
| Methyl-tert-butyl ether | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 04/27/18 17:23 | 1634-04-4 | |
| Naphthalene | <2.5 | ug/L | 5.0 | 2.5 | 1 | | 04/27/18 17:23 | 91-20-3 | |
| n-Propylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:23 | 103-65-1 | |
| Styrene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:23 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 17:23 | 630-20-6 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

Sample: MW-12 **Lab ID: 40168111004** Collected: 04/24/18 15:00 Received: 04/26/18 14:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV Analytical Method: EPA 8260 | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | <0.25 | ug/L | 1.0 | 0.25 | 1 | | 04/27/18 17:23 | 79-34-5 | |
| Tetrachloroethene | 20.2 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:23 | 127-18-4 | |
| Toluene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:23 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <2.1 | ug/L | 5.0 | 2.1 | 1 | | 04/27/18 17:23 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <2.2 | ug/L | 5.0 | 2.2 | 1 | | 04/27/18 17:23 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:23 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 04/27/18 17:23 | 79-00-5 | |
| Trichloroethene | 3.0 | ug/L | 1.0 | 0.33 | 1 | | 04/27/18 17:23 | 79-01-6 | |
| Trichlorofluoromethane | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 17:23 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:23 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:23 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:23 | 108-67-8 | |
| Vinyl chloride | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 17:23 | 75-01-4 | |
| Xylene (Total) | <1.5 | ug/L | 3.0 | 1.5 | 1 | | 04/27/18 17:23 | 1330-20-7 | |
| m&p-Xylene | <1.0 | ug/L | 2.0 | 1.0 | 1 | | 04/27/18 17:23 | 179601-23-1 | |
| o-Xylene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:23 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 89 | % | 61-130 | | 1 | | 04/27/18 17:23 | 460-00-4 | |
| Dibromofluoromethane (S) | 109 | % | 67-130 | | 1 | | 04/27/18 17:23 | 1868-53-7 | |
| Toluene-d8 (S) | 94 | % | 70-130 | | 1 | | 04/27/18 17:23 | 2037-26-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

Sample: MW-9 **Lab ID: 40168111005** Collected: 04/24/18 15:50 Received: 04/26/18 14:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|-----------------------------|-----|------|----|----------|----------------|------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Benzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:45 | 71-43-2 | |
| Bromobenzene | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 17:45 | 108-86-1 | |
| Bromochloromethane | <0.34 | ug/L | 1.0 | 0.34 | 1 | | 04/27/18 17:45 | 74-97-5 | |
| Bromodichloromethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:45 | 75-27-4 | |
| Bromoform | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:45 | 75-25-2 | |
| Bromomethane | <2.4 | ug/L | 5.0 | 2.4 | 1 | | 04/27/18 17:45 | 74-83-9 | |
| n-Butylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:45 | 104-51-8 | |
| sec-Butylbenzene | <2.2 | ug/L | 5.0 | 2.2 | 1 | | 04/27/18 17:45 | 135-98-8 | |
| tert-Butylbenzene | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 17:45 | 98-06-6 | |
| Carbon tetrachloride | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:45 | 56-23-5 | |
| Chlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:45 | 108-90-7 | |
| Chloroethane | <0.37 | ug/L | 1.0 | 0.37 | 1 | | 04/27/18 17:45 | 75-00-3 | |
| Chloroform | <2.5 | ug/L | 5.0 | 2.5 | 1 | | 04/27/18 17:45 | 67-66-3 | |
| Chloromethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:45 | 74-87-3 | |
| 2-Chlorotoluene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:45 | 95-49-8 | |
| 4-Chlorotoluene | <0.21 | ug/L | 1.0 | 0.21 | 1 | | 04/27/18 17:45 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <2.2 | ug/L | 5.0 | 2.2 | 1 | | 04/27/18 17:45 | 96-12-8 | |
| Dibromochloromethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:45 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 17:45 | 106-93-4 | |
| Dibromomethane | <0.43 | ug/L | 1.0 | 0.43 | 1 | | 04/27/18 17:45 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:45 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:45 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:45 | 106-46-7 | |
| Dichlorodifluoromethane | <0.22 | ug/L | 1.0 | 0.22 | 1 | | 04/27/18 17:45 | 75-71-8 | |
| 1,1-Dichloroethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 04/27/18 17:45 | 75-34-3 | |
| 1,2-Dichloroethane | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 04/27/18 17:45 | 107-06-2 | |
| 1,1-Dichloroethene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 04/27/18 17:45 | 75-35-4 | |
| cis-1,2-Dichloroethene | 32.4 | ug/L | 1.0 | 0.26 | 1 | | 04/27/18 17:45 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 04/27/18 17:45 | 156-60-5 | |
| 1,2-Dichloropropane | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 17:45 | 78-87-5 | |
| 1,3-Dichloropropane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:45 | 142-28-9 | |
| 2,2-Dichloropropane | <0.48 | ug/L | 1.0 | 0.48 | 1 | | 04/27/18 17:45 | 594-20-7 | |
| 1,1-Dichloropropene | <0.44 | ug/L | 1.0 | 0.44 | 1 | | 04/27/18 17:45 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:45 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 17:45 | 10061-02-6 | |
| Diisopropyl ether | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:45 | 108-20-3 | |
| Ethylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:45 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <2.1 | ug/L | 5.0 | 2.1 | 1 | | 04/27/18 17:45 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.14 | ug/L | 1.0 | 0.14 | 1 | | 04/27/18 17:45 | 98-82-8 | |
| p-Isopropyltoluene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:45 | 99-87-6 | |
| Methylene Chloride | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 17:45 | 75-09-2 | |
| Methyl-tert-butyl ether | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 04/27/18 17:45 | 1634-04-4 | |
| Naphthalene | <2.5 | ug/L | 5.0 | 2.5 | 1 | | 04/27/18 17:45 | 91-20-3 | |
| n-Propylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:45 | 103-65-1 | |
| Styrene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:45 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 17:45 | 630-20-6 | |

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ANALYTICAL RESULTS

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

Sample: MW-9 **Lab ID: 40168111005** Collected: 04/24/18 15:50 Received: 04/26/18 14:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------|---------|-----------------------------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| 1,1,2,2-Tetrachloroethane | <0.25 | ug/L | 1.0 | 0.25 | 1 | | 04/27/18 17:45 | 79-34-5 | |
| Tetrachloroethene | 2.6 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:45 | 127-18-4 | |
| Toluene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:45 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <2.1 | ug/L | 5.0 | 2.1 | 1 | | 04/27/18 17:45 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <2.2 | ug/L | 5.0 | 2.2 | 1 | | 04/27/18 17:45 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:45 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 04/27/18 17:45 | 79-00-5 | |
| Trichloroethene | <0.33 | ug/L | 1.0 | 0.33 | 1 | | 04/27/18 17:45 | 79-01-6 | |
| Trichlorofluoromethane | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 17:45 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:45 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:45 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:45 | 108-67-8 | |
| Vinyl chloride | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 17:45 | 75-01-4 | |
| Xylene (Total) | <1.5 | ug/L | 3.0 | 1.5 | 1 | | 04/27/18 17:45 | 1330-20-7 | |
| m&p-Xylene | <1.0 | ug/L | 2.0 | 1.0 | 1 | | 04/27/18 17:45 | 179601-23-1 | |
| o-Xylene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 17:45 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 89 | % | 61-130 | | 1 | | 04/27/18 17:45 | 460-00-4 | |
| Dibromofluoromethane (S) | 111 | % | 67-130 | | 1 | | 04/27/18 17:45 | 1868-53-7 | |
| Toluene-d8 (S) | 97 | % | 70-130 | | 1 | | 04/27/18 17:45 | 2037-26-5 | |

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ANALYTICAL RESULTS

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

Sample: MW-9 DUP **Lab ID: 40168111006** Collected: 04/24/18 15:50 Received: 04/26/18 14:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|-----------------------------|-----|------|----|----------|----------------|------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Benzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:07 | 71-43-2 | |
| Bromobenzene | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 18:07 | 108-86-1 | |
| Bromochloromethane | <0.34 | ug/L | 1.0 | 0.34 | 1 | | 04/27/18 18:07 | 74-97-5 | |
| Bromodichloromethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:07 | 75-27-4 | |
| Bromoform | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:07 | 75-25-2 | |
| Bromomethane | <2.4 | ug/L | 5.0 | 2.4 | 1 | | 04/27/18 18:07 | 74-83-9 | |
| n-Butylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:07 | 104-51-8 | |
| sec-Butylbenzene | <2.2 | ug/L | 5.0 | 2.2 | 1 | | 04/27/18 18:07 | 135-98-8 | |
| tert-Butylbenzene | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 18:07 | 98-06-6 | |
| Carbon tetrachloride | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:07 | 56-23-5 | |
| Chlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:07 | 108-90-7 | |
| Chloroethane | <0.37 | ug/L | 1.0 | 0.37 | 1 | | 04/27/18 18:07 | 75-00-3 | |
| Chloroform | <2.5 | ug/L | 5.0 | 2.5 | 1 | | 04/27/18 18:07 | 67-66-3 | |
| Chloromethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:07 | 74-87-3 | |
| 2-Chlorotoluene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:07 | 95-49-8 | |
| 4-Chlorotoluene | <0.21 | ug/L | 1.0 | 0.21 | 1 | | 04/27/18 18:07 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <2.2 | ug/L | 5.0 | 2.2 | 1 | | 04/27/18 18:07 | 96-12-8 | |
| Dibromochloromethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:07 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 18:07 | 106-93-4 | |
| Dibromomethane | <0.43 | ug/L | 1.0 | 0.43 | 1 | | 04/27/18 18:07 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:07 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:07 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:07 | 106-46-7 | |
| Dichlorodifluoromethane | <0.22 | ug/L | 1.0 | 0.22 | 1 | | 04/27/18 18:07 | 75-71-8 | |
| 1,1-Dichloroethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 04/27/18 18:07 | 75-34-3 | |
| 1,2-Dichloroethane | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 04/27/18 18:07 | 107-06-2 | |
| 1,1-Dichloroethene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 04/27/18 18:07 | 75-35-4 | |
| cis-1,2-Dichloroethene | 36.0 | ug/L | 1.0 | 0.26 | 1 | | 04/27/18 18:07 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 04/27/18 18:07 | 156-60-5 | |
| 1,2-Dichloropropane | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 18:07 | 78-87-5 | |
| 1,3-Dichloropropane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:07 | 142-28-9 | |
| 2,2-Dichloropropane | <0.48 | ug/L | 1.0 | 0.48 | 1 | | 04/27/18 18:07 | 594-20-7 | |
| 1,1-Dichloropropene | <0.44 | ug/L | 1.0 | 0.44 | 1 | | 04/27/18 18:07 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:07 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 18:07 | 10061-02-6 | |
| Diisopropyl ether | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:07 | 108-20-3 | |
| Ethylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:07 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <2.1 | ug/L | 5.0 | 2.1 | 1 | | 04/27/18 18:07 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.14 | ug/L | 1.0 | 0.14 | 1 | | 04/27/18 18:07 | 98-82-8 | |
| p-Isopropyltoluene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:07 | 99-87-6 | |
| Methylene Chloride | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 18:07 | 75-09-2 | |
| Methyl-tert-butyl ether | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 04/27/18 18:07 | 1634-04-4 | |
| Naphthalene | <2.5 | ug/L | 5.0 | 2.5 | 1 | | 04/27/18 18:07 | 91-20-3 | |
| n-Propylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:07 | 103-65-1 | |
| Styrene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:07 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 18:07 | 630-20-6 | |

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ANALYTICAL RESULTS

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

Sample: MW-9 DUP **Lab ID: 40168111006** Collected: 04/24/18 15:50 Received: 04/26/18 14:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV Analytical Method: EPA 8260 | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | <0.25 | ug/L | 1.0 | 0.25 | 1 | | 04/27/18 18:07 | 79-34-5 | |
| Tetrachloroethene | 2.8 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:07 | 127-18-4 | |
| Toluene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:07 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <2.1 | ug/L | 5.0 | 2.1 | 1 | | 04/27/18 18:07 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <2.2 | ug/L | 5.0 | 2.2 | 1 | | 04/27/18 18:07 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:07 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 04/27/18 18:07 | 79-00-5 | |
| Trichloroethene | <0.33 | ug/L | 1.0 | 0.33 | 1 | | 04/27/18 18:07 | 79-01-6 | |
| Trichlorofluoromethane | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 18:07 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:07 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:07 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:07 | 108-67-8 | |
| Vinyl chloride | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 18:07 | 75-01-4 | |
| Xylene (Total) | <1.5 | ug/L | 3.0 | 1.5 | 1 | | 04/27/18 18:07 | 1330-20-7 | |
| m&p-Xylene | <1.0 | ug/L | 2.0 | 1.0 | 1 | | 04/27/18 18:07 | 179601-23-1 | |
| o-Xylene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:07 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 89 | % | 61-130 | | 1 | | 04/27/18 18:07 | 460-00-4 | |
| Dibromofluoromethane (S) | 112 | % | 67-130 | | 1 | | 04/27/18 18:07 | 1868-53-7 | |
| Toluene-d8 (S) | 96 | % | 70-130 | | 1 | | 04/27/18 18:07 | 2037-26-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690004905 FORMER EXPRESS CLEA

Sample Project No.: 40168111

Sample: PZ-1 **Lab ID: 40168111007** Collected: 04/25/18 10:05 Received: 04/26/18 14:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|-----------------------------|-----|------|----|----------|----------------|------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Benzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:28 | 71-43-2 | |
| Bromobenzene | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 18:28 | 108-86-1 | |
| Bromochloromethane | <0.34 | ug/L | 1.0 | 0.34 | 1 | | 04/27/18 18:28 | 74-97-5 | |
| Bromodichloromethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:28 | 75-27-4 | |
| Bromoform | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:28 | 75-25-2 | |
| Bromomethane | <2.4 | ug/L | 5.0 | 2.4 | 1 | | 04/27/18 18:28 | 74-83-9 | |
| n-Butylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:28 | 104-51-8 | |
| sec-Butylbenzene | <2.2 | ug/L | 5.0 | 2.2 | 1 | | 04/27/18 18:28 | 135-98-8 | |
| tert-Butylbenzene | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 18:28 | 98-06-6 | |
| Carbon tetrachloride | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:28 | 56-23-5 | |
| Chlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:28 | 108-90-7 | |
| Chloroethane | <0.37 | ug/L | 1.0 | 0.37 | 1 | | 04/27/18 18:28 | 75-00-3 | |
| Chloroform | <2.5 | ug/L | 5.0 | 2.5 | 1 | | 04/27/18 18:28 | 67-66-3 | |
| Chloromethane | 1.9 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:28 | 74-87-3 | |
| 2-Chlorotoluene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:28 | 95-49-8 | |
| 4-Chlorotoluene | <0.21 | ug/L | 1.0 | 0.21 | 1 | | 04/27/18 18:28 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <2.2 | ug/L | 5.0 | 2.2 | 1 | | 04/27/18 18:28 | 96-12-8 | |
| Dibromochloromethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:28 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 18:28 | 106-93-4 | |
| Dibromomethane | <0.43 | ug/L | 1.0 | 0.43 | 1 | | 04/27/18 18:28 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:28 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:28 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:28 | 106-46-7 | |
| Dichlorodifluoromethane | <0.22 | ug/L | 1.0 | 0.22 | 1 | | 04/27/18 18:28 | 75-71-8 | |
| 1,1-Dichloroethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 04/27/18 18:28 | 75-34-3 | |
| 1,2-Dichloroethane | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 04/27/18 18:28 | 107-06-2 | |
| 1,1-Dichloroethene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 04/27/18 18:28 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 04/27/18 18:28 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 04/27/18 18:28 | 156-60-5 | |
| 1,2-Dichloropropane | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 18:28 | 78-87-5 | |
| 1,3-Dichloropropane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:28 | 142-28-9 | |
| 2,2-Dichloropropane | <0.48 | ug/L | 1.0 | 0.48 | 1 | | 04/27/18 18:28 | 594-20-7 | |
| 1,1-Dichloropropene | <0.44 | ug/L | 1.0 | 0.44 | 1 | | 04/27/18 18:28 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:28 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 18:28 | 10061-02-6 | |
| Diisopropyl ether | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:28 | 108-20-3 | |
| Ethylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:28 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <2.1 | ug/L | 5.0 | 2.1 | 1 | | 04/27/18 18:28 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.14 | ug/L | 1.0 | 0.14 | 1 | | 04/27/18 18:28 | 98-82-8 | |
| p-Isopropyltoluene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:28 | 99-87-6 | |
| Methylene Chloride | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 18:28 | 75-09-2 | |
| Methyl-tert-butyl ether | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 04/27/18 18:28 | 1634-04-4 | |
| Naphthalene | <2.5 | ug/L | 5.0 | 2.5 | 1 | | 04/27/18 18:28 | 91-20-3 | |
| n-Propylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:28 | 103-65-1 | |
| Styrene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:28 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 18:28 | 630-20-6 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

Sample: PZ-1 **Lab ID: 40168111007** Collected: 04/25/18 10:05 Received: 04/26/18 14:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------|---------|-----------------------------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| 1,1,2,2-Tetrachloroethane | <0.25 | ug/L | 1.0 | 0.25 | 1 | | 04/27/18 18:28 | 79-34-5 | |
| Tetrachloroethene | 0.57J | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:28 | 127-18-4 | |
| Toluene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:28 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <2.1 | ug/L | 5.0 | 2.1 | 1 | | 04/27/18 18:28 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <2.2 | ug/L | 5.0 | 2.2 | 1 | | 04/27/18 18:28 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:28 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 04/27/18 18:28 | 79-00-5 | |
| Trichloroethene | <0.33 | ug/L | 1.0 | 0.33 | 1 | | 04/27/18 18:28 | 79-01-6 | |
| Trichlorofluoromethane | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 18:28 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:28 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:28 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:28 | 108-67-8 | |
| Vinyl chloride | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 18:28 | 75-01-4 | |
| Xylene (Total) | <1.5 | ug/L | 3.0 | 1.5 | 1 | | 04/27/18 18:28 | 1330-20-7 | |
| m&p-Xylene | <1.0 | ug/L | 2.0 | 1.0 | 1 | | 04/27/18 18:28 | 179601-23-1 | |
| o-Xylene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:28 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 93 | % | 61-130 | | 1 | | 04/27/18 18:28 | 460-00-4 | |
| Dibromofluoromethane (S) | 105 | % | 67-130 | | 1 | | 04/27/18 18:28 | 1868-53-7 | |
| Toluene-d8 (S) | 98 | % | 70-130 | | 1 | | 04/27/18 18:28 | 2037-26-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

Sample: MW-1 Lab ID: 40168111008 Collected: 04/25/18 11:05 Received: 04/26/18 14:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|-----------------------------|------|------|-----|----------|----------------|------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Benzene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:11 | 71-43-2 | |
| Bromobenzene | <0.46 | ug/L | 2.0 | 0.46 | 2 | | 04/27/18 19:11 | 108-86-1 | |
| Bromochloromethane | <0.68 | ug/L | 2.0 | 0.68 | 2 | | 04/27/18 19:11 | 74-97-5 | |
| Bromodichloromethane | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:11 | 75-27-4 | |
| Bromoform | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:11 | 75-25-2 | |
| Bromomethane | <4.9 | ug/L | 10.0 | 4.9 | 2 | | 04/27/18 19:11 | 74-83-9 | |
| n-Butylbenzene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:11 | 104-51-8 | |
| sec-Butylbenzene | <4.4 | ug/L | 10.0 | 4.4 | 2 | | 04/27/18 19:11 | 135-98-8 | |
| tert-Butylbenzene | <0.36 | ug/L | 2.0 | 0.36 | 2 | | 04/27/18 19:11 | 98-06-6 | |
| Carbon tetrachloride | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:11 | 56-23-5 | |
| Chlorobenzene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:11 | 108-90-7 | |
| Chloroethane | <0.75 | ug/L | 2.0 | 0.75 | 2 | | 04/27/18 19:11 | 75-00-3 | |
| Chloroform | <5.0 | ug/L | 10.0 | 5.0 | 2 | | 04/27/18 19:11 | 67-66-3 | |
| Chloromethane | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:11 | 74-87-3 | |
| 2-Chlorotoluene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:11 | 95-49-8 | |
| 4-Chlorotoluene | <0.43 | ug/L | 2.0 | 0.43 | 2 | | 04/27/18 19:11 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <4.3 | ug/L | 10.0 | 4.3 | 2 | | 04/27/18 19:11 | 96-12-8 | |
| Dibromochloromethane | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:11 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.36 | ug/L | 2.0 | 0.36 | 2 | | 04/27/18 19:11 | 106-93-4 | |
| Dibromomethane | <0.85 | ug/L | 2.0 | 0.85 | 2 | | 04/27/18 19:11 | 74-95-3 | |
| 1,2-Dichlorobenzene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:11 | 95-50-1 | |
| 1,3-Dichlorobenzene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:11 | 541-73-1 | |
| 1,4-Dichlorobenzene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:11 | 106-46-7 | |
| Dichlorodifluoromethane | <0.45 | ug/L | 2.0 | 0.45 | 2 | | 04/27/18 19:11 | 75-71-8 | |
| 1,1-Dichloroethane | <0.48 | ug/L | 2.0 | 0.48 | 2 | | 04/27/18 19:11 | 75-34-3 | |
| 1,2-Dichloroethane | <0.34 | ug/L | 2.0 | 0.34 | 2 | | 04/27/18 19:11 | 107-06-2 | |
| 1,1-Dichloroethene | 8.2 | ug/L | 2.0 | 0.82 | 2 | | 04/27/18 19:11 | 75-35-4 | |
| cis-1,2-Dichloroethene | 9730 | ug/L | 100 | 25.6 | 100 | | 04/30/18 10:18 | 156-59-2 | |
| trans-1,2-Dichloroethene | 147 | ug/L | 2.0 | 0.51 | 2 | | 04/27/18 19:11 | 156-60-5 | |
| 1,2-Dichloropropane | <0.47 | ug/L | 2.0 | 0.47 | 2 | | 04/27/18 19:11 | 78-87-5 | |
| 1,3-Dichloropropane | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:11 | 142-28-9 | |
| 2,2-Dichloropropane | <0.97 | ug/L | 2.0 | 0.97 | 2 | | 04/27/18 19:11 | 594-20-7 | |
| 1,1-Dichloropropene | <0.88 | ug/L | 2.0 | 0.88 | 2 | | 04/27/18 19:11 | 563-58-6 | |
| cis-1,3-Dichloropropene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:11 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.46 | ug/L | 2.0 | 0.46 | 2 | | 04/27/18 19:11 | 10061-02-6 | |
| Diisopropyl ether | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:11 | 108-20-3 | |
| Ethylbenzene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:11 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <4.2 | ug/L | 10.0 | 4.2 | 2 | | 04/27/18 19:11 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.29 | ug/L | 2.0 | 0.29 | 2 | | 04/27/18 19:11 | 98-82-8 | |
| p-Isopropyltoluene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:11 | 99-87-6 | |
| Methylene Chloride | <0.47 | ug/L | 2.0 | 0.47 | 2 | | 04/27/18 19:11 | 75-09-2 | |
| Methyl-tert-butyl ether | <0.35 | ug/L | 2.0 | 0.35 | 2 | | 04/27/18 19:11 | 1634-04-4 | |
| Naphthalene | <5.0 | ug/L | 10.0 | 5.0 | 2 | | 04/27/18 19:11 | 91-20-3 | |
| n-Propylbenzene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:11 | 103-65-1 | |
| Styrene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:11 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.36 | ug/L | 2.0 | 0.36 | 2 | | 04/27/18 19:11 | 630-20-6 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

Sample: MW-1 **Lab ID: 40168111008** Collected: 04/25/18 11:05 Received: 04/26/18 14:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV Analytical Method: EPA 8260 | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | <0.50 | ug/L | 2.0 | 0.50 | 2 | | 04/27/18 19:11 | 79-34-5 | |
| Tetrachloroethene | 192 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:11 | 127-18-4 | |
| Toluene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:11 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <4.3 | ug/L | 10.0 | 4.3 | 2 | | 04/27/18 19:11 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <4.4 | ug/L | 10.0 | 4.4 | 2 | | 04/27/18 19:11 | 120-82-1 | |
| 1,1,1-Trichloroethane | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:11 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.39 | ug/L | 2.0 | 0.39 | 2 | | 04/27/18 19:11 | 79-00-5 | |
| Trichloroethene | 42.2 | ug/L | 2.0 | 0.66 | 2 | | 04/27/18 19:11 | 79-01-6 | |
| Trichlorofluoromethane | <0.37 | ug/L | 2.0 | 0.37 | 2 | | 04/27/18 19:11 | 75-69-4 | |
| 1,2,3-Trichloropropane | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:11 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:11 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:11 | 108-67-8 | |
| Vinyl chloride | 127 | ug/L | 2.0 | 0.35 | 2 | | 04/27/18 19:11 | 75-01-4 | |
| Xylene (Total) | <3.0 | ug/L | 6.0 | 3.0 | 2 | | 04/27/18 19:11 | 1330-20-7 | |
| m&p-Xylene | <2.0 | ug/L | 4.0 | 2.0 | 2 | | 04/27/18 19:11 | 179601-23-1 | |
| o-Xylene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:11 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 91 | % | 61-130 | | 2 | | 04/27/18 19:11 | 460-00-4 | |
| Dibromofluoromethane (S) | 107 | % | 67-130 | | 2 | | 04/27/18 19:11 | 1868-53-7 | |
| Toluene-d8 (S) | 96 | % | 70-130 | | 2 | | 04/27/18 19:11 | 2037-26-5 | |

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ANALYTICAL RESULTS

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

Sample: MW-1 DUP **Lab ID: 40168111009** Collected: 04/25/18 11:05 Received: 04/26/18 14:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|-----------------------------|------|------|-----|----------|----------------|------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Benzene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:33 | 71-43-2 | |
| Bromobenzene | <0.46 | ug/L | 2.0 | 0.46 | 2 | | 04/27/18 19:33 | 108-86-1 | |
| Bromochloromethane | <0.68 | ug/L | 2.0 | 0.68 | 2 | | 04/27/18 19:33 | 74-97-5 | |
| Bromodichloromethane | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:33 | 75-27-4 | |
| Bromoform | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:33 | 75-25-2 | |
| Bromomethane | <4.9 | ug/L | 10.0 | 4.9 | 2 | | 04/27/18 19:33 | 74-83-9 | |
| n-Butylbenzene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:33 | 104-51-8 | |
| sec-Butylbenzene | <4.4 | ug/L | 10.0 | 4.4 | 2 | | 04/27/18 19:33 | 135-98-8 | |
| tert-Butylbenzene | <0.36 | ug/L | 2.0 | 0.36 | 2 | | 04/27/18 19:33 | 98-06-6 | |
| Carbon tetrachloride | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:33 | 56-23-5 | |
| Chlorobenzene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:33 | 108-90-7 | |
| Chloroethane | <0.75 | ug/L | 2.0 | 0.75 | 2 | | 04/27/18 19:33 | 75-00-3 | |
| Chloroform | <5.0 | ug/L | 10.0 | 5.0 | 2 | | 04/27/18 19:33 | 67-66-3 | |
| Chloromethane | 1.9J | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:33 | 74-87-3 | |
| 2-Chlorotoluene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:33 | 95-49-8 | |
| 4-Chlorotoluene | <0.43 | ug/L | 2.0 | 0.43 | 2 | | 04/27/18 19:33 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <4.3 | ug/L | 10.0 | 4.3 | 2 | | 04/27/18 19:33 | 96-12-8 | |
| Dibromochloromethane | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:33 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.36 | ug/L | 2.0 | 0.36 | 2 | | 04/27/18 19:33 | 106-93-4 | |
| Dibromomethane | <0.85 | ug/L | 2.0 | 0.85 | 2 | | 04/27/18 19:33 | 74-95-3 | |
| 1,2-Dichlorobenzene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:33 | 95-50-1 | |
| 1,3-Dichlorobenzene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:33 | 541-73-1 | |
| 1,4-Dichlorobenzene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:33 | 106-46-7 | |
| Dichlorodifluoromethane | <0.45 | ug/L | 2.0 | 0.45 | 2 | | 04/27/18 19:33 | 75-71-8 | |
| 1,1-Dichloroethane | <0.48 | ug/L | 2.0 | 0.48 | 2 | | 04/27/18 19:33 | 75-34-3 | |
| 1,2-Dichloroethane | <0.34 | ug/L | 2.0 | 0.34 | 2 | | 04/27/18 19:33 | 107-06-2 | |
| 1,1-Dichloroethene | 7.0 | ug/L | 2.0 | 0.82 | 2 | | 04/27/18 19:33 | 75-35-4 | |
| cis-1,2-Dichloroethene | 8990 | ug/L | 100 | 25.6 | 100 | | 04/30/18 10:40 | 156-59-2 | |
| trans-1,2-Dichloroethene | 147 | ug/L | 2.0 | 0.51 | 2 | | 04/27/18 19:33 | 156-60-5 | |
| 1,2-Dichloropropane | <0.47 | ug/L | 2.0 | 0.47 | 2 | | 04/27/18 19:33 | 78-87-5 | |
| 1,3-Dichloropropane | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:33 | 142-28-9 | |
| 2,2-Dichloropropane | <0.97 | ug/L | 2.0 | 0.97 | 2 | | 04/27/18 19:33 | 594-20-7 | |
| 1,1-Dichloropropene | <0.88 | ug/L | 2.0 | 0.88 | 2 | | 04/27/18 19:33 | 563-58-6 | |
| cis-1,3-Dichloropropene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:33 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.46 | ug/L | 2.0 | 0.46 | 2 | | 04/27/18 19:33 | 10061-02-6 | |
| Diisopropyl ether | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:33 | 108-20-3 | |
| Ethylbenzene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:33 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <4.2 | ug/L | 10.0 | 4.2 | 2 | | 04/27/18 19:33 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.29 | ug/L | 2.0 | 0.29 | 2 | | 04/27/18 19:33 | 98-82-8 | |
| p-Isopropyltoluene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:33 | 99-87-6 | |
| Methylene Chloride | <0.47 | ug/L | 2.0 | 0.47 | 2 | | 04/27/18 19:33 | 75-09-2 | |
| Methyl-tert-butyl ether | <0.35 | ug/L | 2.0 | 0.35 | 2 | | 04/27/18 19:33 | 1634-04-4 | |
| Naphthalene | <5.0 | ug/L | 10.0 | 5.0 | 2 | | 04/27/18 19:33 | 91-20-3 | |
| n-Propylbenzene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:33 | 103-65-1 | |
| Styrene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:33 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.36 | ug/L | 2.0 | 0.36 | 2 | | 04/27/18 19:33 | 630-20-6 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

Sample: MW-1 DUP **Lab ID: 40168111009** Collected: 04/25/18 11:05 Received: 04/26/18 14:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------|---------|-----------------------------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| 1,1,2,2-Tetrachloroethane | <0.50 | ug/L | 2.0 | 0.50 | 2 | | 04/27/18 19:33 | 79-34-5 | |
| Tetrachloroethene | 283 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:33 | 127-18-4 | |
| Toluene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:33 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <4.3 | ug/L | 10.0 | 4.3 | 2 | | 04/27/18 19:33 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <4.4 | ug/L | 10.0 | 4.4 | 2 | | 04/27/18 19:33 | 120-82-1 | |
| 1,1,1-Trichloroethane | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:33 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.39 | ug/L | 2.0 | 0.39 | 2 | | 04/27/18 19:33 | 79-00-5 | |
| Trichloroethene | 55.9 | ug/L | 2.0 | 0.66 | 2 | | 04/27/18 19:33 | 79-01-6 | |
| Trichlorofluoromethane | <0.37 | ug/L | 2.0 | 0.37 | 2 | | 04/27/18 19:33 | 75-69-4 | |
| 1,2,3-Trichloropropane | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:33 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:33 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:33 | 108-67-8 | |
| Vinyl chloride | 108 | ug/L | 2.0 | 0.35 | 2 | | 04/27/18 19:33 | 75-01-4 | |
| Xylene (Total) | <3.0 | ug/L | 6.0 | 3.0 | 2 | | 04/27/18 19:33 | 1330-20-7 | |
| m&p-Xylene | <2.0 | ug/L | 4.0 | 2.0 | 2 | | 04/27/18 19:33 | 179601-23-1 | |
| o-Xylene | <1.0 | ug/L | 2.0 | 1.0 | 2 | | 04/27/18 19:33 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 90 | % | 61-130 | | 2 | | 04/27/18 19:33 | 460-00-4 | |
| Dibromofluoromethane (S) | 111 | % | 67-130 | | 2 | | 04/27/18 19:33 | 1868-53-7 | |
| Toluene-d8 (S) | 96 | % | 70-130 | | 2 | | 04/27/18 19:33 | 2037-26-5 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

Sample: MW-16 **Lab ID: 40168111010** Collected: 04/25/18 12:10 Received: 04/26/18 14:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|-----|------|----|----------|----------------|------------|------|
| 8260 MSV Analytical Method: EPA 8260 | | | | | | | | | |
| Benzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:50 | 71-43-2 | |
| Bromobenzene | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 18:50 | 108-86-1 | |
| Bromochloromethane | <0.34 | ug/L | 1.0 | 0.34 | 1 | | 04/27/18 18:50 | 74-97-5 | |
| Bromodichloromethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:50 | 75-27-4 | |
| Bromoform | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:50 | 75-25-2 | |
| Bromomethane | <2.4 | ug/L | 5.0 | 2.4 | 1 | | 04/27/18 18:50 | 74-83-9 | |
| n-Butylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:50 | 104-51-8 | |
| sec-Butylbenzene | <2.2 | ug/L | 5.0 | 2.2 | 1 | | 04/27/18 18:50 | 135-98-8 | |
| tert-Butylbenzene | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 18:50 | 98-06-6 | |
| Carbon tetrachloride | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:50 | 56-23-5 | |
| Chlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:50 | 108-90-7 | |
| Chloroethane | <0.37 | ug/L | 1.0 | 0.37 | 1 | | 04/27/18 18:50 | 75-00-3 | |
| Chloroform | <2.5 | ug/L | 5.0 | 2.5 | 1 | | 04/27/18 18:50 | 67-66-3 | |
| Chloromethane | 1.1 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:50 | 74-87-3 | |
| 2-Chlorotoluene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:50 | 95-49-8 | |
| 4-Chlorotoluene | <0.21 | ug/L | 1.0 | 0.21 | 1 | | 04/27/18 18:50 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <2.2 | ug/L | 5.0 | 2.2 | 1 | | 04/27/18 18:50 | 96-12-8 | |
| Dibromochloromethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:50 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 18:50 | 106-93-4 | |
| Dibromomethane | <0.43 | ug/L | 1.0 | 0.43 | 1 | | 04/27/18 18:50 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:50 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:50 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:50 | 106-46-7 | |
| Dichlorodifluoromethane | <0.22 | ug/L | 1.0 | 0.22 | 1 | | 04/27/18 18:50 | 75-71-8 | |
| 1,1-Dichloroethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 04/27/18 18:50 | 75-34-3 | |
| 1,2-Dichloroethane | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 04/27/18 18:50 | 107-06-2 | |
| 1,1-Dichloroethene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 04/27/18 18:50 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 04/27/18 18:50 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 04/27/18 18:50 | 156-60-5 | |
| 1,2-Dichloropropane | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 18:50 | 78-87-5 | |
| 1,3-Dichloropropane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:50 | 142-28-9 | |
| 2,2-Dichloropropane | <0.48 | ug/L | 1.0 | 0.48 | 1 | | 04/27/18 18:50 | 594-20-7 | |
| 1,1-Dichloropropene | <0.44 | ug/L | 1.0 | 0.44 | 1 | | 04/27/18 18:50 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:50 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 18:50 | 10061-02-6 | |
| Diisopropyl ether | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:50 | 108-20-3 | |
| Ethylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:50 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <2.1 | ug/L | 5.0 | 2.1 | 1 | | 04/27/18 18:50 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.14 | ug/L | 1.0 | 0.14 | 1 | | 04/27/18 18:50 | 98-82-8 | |
| p-Isopropyltoluene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:50 | 99-87-6 | |
| Methylene Chloride | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 18:50 | 75-09-2 | |
| Methyl-tert-butyl ether | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 04/27/18 18:50 | 1634-04-4 | |
| Naphthalene | <2.5 | ug/L | 5.0 | 2.5 | 1 | | 04/27/18 18:50 | 91-20-3 | |
| n-Propylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:50 | 103-65-1 | |
| Styrene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:50 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 18:50 | 630-20-6 | |

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ANALYTICAL RESULTS

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

Sample: MW-16 **Lab ID: 40168111010** Collected: 04/25/18 12:10 Received: 04/26/18 14:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------|---------|-----------------------------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| 1,1,2,2-Tetrachloroethane | <0.25 | ug/L | 1.0 | 0.25 | 1 | | 04/27/18 18:50 | 79-34-5 | |
| Tetrachloroethene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:50 | 127-18-4 | |
| Toluene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:50 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <2.1 | ug/L | 5.0 | 2.1 | 1 | | 04/27/18 18:50 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <2.2 | ug/L | 5.0 | 2.2 | 1 | | 04/27/18 18:50 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:50 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 04/27/18 18:50 | 79-00-5 | |
| Trichloroethene | <0.33 | ug/L | 1.0 | 0.33 | 1 | | 04/27/18 18:50 | 79-01-6 | |
| Trichlorofluoromethane | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 18:50 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:50 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:50 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:50 | 108-67-8 | |
| Vinyl chloride | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 18:50 | 75-01-4 | |
| Xylene (Total) | <1.5 | ug/L | 3.0 | 1.5 | 1 | | 04/27/18 18:50 | 1330-20-7 | |
| m&p-Xylene | <1.0 | ug/L | 2.0 | 1.0 | 1 | | 04/27/18 18:50 | 179601-23-1 | |
| o-Xylene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 18:50 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 93 | % | 61-130 | | 1 | | 04/27/18 18:50 | 460-00-4 | |
| Dibromofluoromethane (S) | 114 | % | 67-130 | | 1 | | 04/27/18 18:50 | 1868-53-7 | |
| Toluene-d8 (S) | 97 | % | 70-130 | | 1 | | 04/27/18 18:50 | 2037-26-5 | |

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ANALYTICAL RESULTS

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

Sample: MW-3R **Lab ID: 40168111011** Collected: 04/25/18 13:30 Received: 04/26/18 14:15 Matrix: Water

Comments: • wrong vials sent for ferrous iron the correct one will come 5/1

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|------------------------------------|---------|---|-------|------|----|----------------|----------------|------------|------|
| Methane, Ethane, Ethene GCV | | Analytical Method: EPA 8015B Modified | | | | | | | |
| Ethane | 81.5 | ug/L | 5.6 | 0.58 | 1 | | 05/01/18 08:27 | 74-84-0 | |
| Ethene | 158 | ug/L | 5.0 | 0.52 | 1 | | 05/01/18 08:27 | 74-85-1 | |
| Methane | 5660 | ug/L | 70.0 | 34.2 | 25 | | 05/01/18 08:48 | 74-82-8 | |
| Iron, Ferric (Calculation) | | Analytical Method: SM 3500-Fe B | | | | | | | |
| Iron, Ferric | 0.76 | mg/L | 0.050 | | 1 | | 05/07/18 17:16 | 7439-89-6 | N2 |
| 6020A MET ICPMS | | Analytical Method: EPA 6020A Preparation Method: EPA 3020 | | | | | | | |
| Iron | 3410 | ug/L | 94.9 | 28.5 | 5 | 04/30/18 17:00 | 05/03/18 00:40 | 7439-89-6 | |
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Benzene | <25.0 | ug/L | 50.0 | 25.0 | 50 | | 04/27/18 19:55 | 71-43-2 | |
| Bromobenzene | <11.5 | ug/L | 50.0 | 11.5 | 50 | | 04/27/18 19:55 | 108-86-1 | |
| Bromochloromethane | <17.0 | ug/L | 50.0 | 17.0 | 50 | | 04/27/18 19:55 | 74-97-5 | |
| Bromodichloromethane | <25.0 | ug/L | 50.0 | 25.0 | 50 | | 04/27/18 19:55 | 75-27-4 | |
| Bromoform | <25.0 | ug/L | 50.0 | 25.0 | 50 | | 04/27/18 19:55 | 75-25-2 | |
| Bromomethane | <122 | ug/L | 250 | 122 | 50 | | 04/27/18 19:55 | 74-83-9 | |
| n-Butylbenzene | <25.0 | ug/L | 50.0 | 25.0 | 50 | | 04/27/18 19:55 | 104-51-8 | |
| sec-Butylbenzene | <109 | ug/L | 250 | 109 | 50 | | 04/27/18 19:55 | 135-98-8 | |
| tert-Butylbenzene | <9.0 | ug/L | 50.0 | 9.0 | 50 | | 04/27/18 19:55 | 98-06-6 | |
| Carbon tetrachloride | <25.0 | ug/L | 50.0 | 25.0 | 50 | | 04/27/18 19:55 | 56-23-5 | |
| Chlorobenzene | <25.0 | ug/L | 50.0 | 25.0 | 50 | | 04/27/18 19:55 | 108-90-7 | |
| Chloroethane | <18.7 | ug/L | 50.0 | 18.7 | 50 | | 04/27/18 19:55 | 75-00-3 | |
| Chloroform | <125 | ug/L | 250 | 125 | 50 | | 04/27/18 19:55 | 67-66-3 | |
| Chloromethane | <25.0 | ug/L | 50.0 | 25.0 | 50 | | 04/27/18 19:55 | 74-87-3 | |
| 2-Chlorotoluene | <25.0 | ug/L | 50.0 | 25.0 | 50 | | 04/27/18 19:55 | 95-49-8 | |
| 4-Chlorotoluene | <10.7 | ug/L | 50.0 | 10.7 | 50 | | 04/27/18 19:55 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <108 | ug/L | 250 | 108 | 50 | | 04/27/18 19:55 | 96-12-8 | |
| Dibromochloromethane | <25.0 | ug/L | 50.0 | 25.0 | 50 | | 04/27/18 19:55 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <8.9 | ug/L | 50.0 | 8.9 | 50 | | 04/27/18 19:55 | 106-93-4 | |
| Dibromomethane | <21.3 | ug/L | 50.0 | 21.3 | 50 | | 04/27/18 19:55 | 74-95-3 | |
| 1,2-Dichlorobenzene | <25.0 | ug/L | 50.0 | 25.0 | 50 | | 04/27/18 19:55 | 95-50-1 | |
| 1,3-Dichlorobenzene | <25.0 | ug/L | 50.0 | 25.0 | 50 | | 04/27/18 19:55 | 541-73-1 | |
| 1,4-Dichlorobenzene | <25.0 | ug/L | 50.0 | 25.0 | 50 | | 04/27/18 19:55 | 106-46-7 | |
| Dichlorodifluoromethane | <11.2 | ug/L | 50.0 | 11.2 | 50 | | 04/27/18 19:55 | 75-71-8 | |
| 1,1-Dichloroethane | <12.1 | ug/L | 50.0 | 12.1 | 50 | | 04/27/18 19:55 | 75-34-3 | |
| 1,2-Dichloroethane | <8.4 | ug/L | 50.0 | 8.4 | 50 | | 04/27/18 19:55 | 107-06-2 | |
| 1,1-Dichloroethene | <20.5 | ug/L | 50.0 | 20.5 | 50 | | 04/27/18 19:55 | 75-35-4 | |
| cis-1,2-Dichloroethene | 3850 | ug/L | 50.0 | 12.8 | 50 | | 04/30/18 12:07 | 156-59-2 | |
| trans-1,2-Dichloroethene | <12.8 | ug/L | 50.0 | 12.8 | 50 | | 04/27/18 19:55 | 156-60-5 | |
| 1,2-Dichloropropane | <11.7 | ug/L | 50.0 | 11.7 | 50 | | 04/27/18 19:55 | 78-87-5 | |
| 1,3-Dichloropropane | <25.0 | ug/L | 50.0 | 25.0 | 50 | | 04/27/18 19:55 | 142-28-9 | |
| 2,2-Dichloropropane | <24.2 | ug/L | 50.0 | 24.2 | 50 | | 04/27/18 19:55 | 594-20-7 | |
| 1,1-Dichloropropene | <22.1 | ug/L | 50.0 | 22.1 | 50 | | 04/27/18 19:55 | 563-58-6 | |
| cis-1,3-Dichloropropene | <25.0 | ug/L | 50.0 | 25.0 | 50 | | 04/27/18 19:55 | 10061-01-5 | |

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ANALYTICAL RESULTS

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

Sample: MW-3R **Lab ID: 4016811011** Collected: 04/25/18 13:30 Received: 04/26/18 14:15 Matrix: Water

Comments: • wrong vials sent for ferrous iron the correct one will come 5/1

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|-------|-----|----------|----------------|-------------|------|
| 8260 MSV Analytical Method: EPA 8260 | | | | | | | | | |
| trans-1,3-Dichloropropene | <11.5 | ug/L | 50.0 | 11.5 | 50 | | 04/27/18 19:55 | 10061-02-6 | |
| Diisopropyl ether | <25.0 | ug/L | 50.0 | 25.0 | 50 | | 04/27/18 19:55 | 108-20-3 | |
| Ethylbenzene | <25.0 | ug/L | 50.0 | 25.0 | 50 | | 04/27/18 19:55 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <105 | ug/L | 250 | 105 | 50 | | 04/27/18 19:55 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <7.2 | ug/L | 50.0 | 7.2 | 50 | | 04/27/18 19:55 | 98-82-8 | |
| p-Isopropyltoluene | <25.0 | ug/L | 50.0 | 25.0 | 50 | | 04/27/18 19:55 | 99-87-6 | |
| Methylene Chloride | <11.6 | ug/L | 50.0 | 11.6 | 50 | | 04/27/18 19:55 | 75-09-2 | |
| Methyl-tert-butyl ether | <8.7 | ug/L | 50.0 | 8.7 | 50 | | 04/27/18 19:55 | 1634-04-4 | |
| Naphthalene | <125 | ug/L | 250 | 125 | 50 | | 04/27/18 19:55 | 91-20-3 | |
| n-Propylbenzene | <25.0 | ug/L | 50.0 | 25.0 | 50 | | 04/27/18 19:55 | 103-65-1 | |
| Styrene | <25.0 | ug/L | 50.0 | 25.0 | 50 | | 04/27/18 19:55 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <9.0 | ug/L | 50.0 | 9.0 | 50 | | 04/27/18 19:55 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <12.5 | ug/L | 50.0 | 12.5 | 50 | | 04/27/18 19:55 | 79-34-5 | |
| Tetrachloroethene | <25.0 | ug/L | 50.0 | 25.0 | 50 | | 04/27/18 19:55 | 127-18-4 | |
| Toluene | <25.0 | ug/L | 50.0 | 25.0 | 50 | | 04/27/18 19:55 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <107 | ug/L | 250 | 107 | 50 | | 04/27/18 19:55 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <110 | ug/L | 250 | 110 | 50 | | 04/27/18 19:55 | 120-82-1 | |
| 1,1,1-Trichloroethane | <25.0 | ug/L | 50.0 | 25.0 | 50 | | 04/27/18 19:55 | 71-55-6 | |
| 1,1,2-Trichloroethane | <9.9 | ug/L | 50.0 | 9.9 | 50 | | 04/27/18 19:55 | 79-00-5 | |
| Trichloroethene | <16.5 | ug/L | 50.0 | 16.5 | 50 | | 04/27/18 19:55 | 79-01-6 | |
| Trichlorofluoromethane | <9.2 | ug/L | 50.0 | 9.2 | 50 | | 04/27/18 19:55 | 75-69-4 | |
| 1,2,3-Trichloropropane | <25.0 | ug/L | 50.0 | 25.0 | 50 | | 04/27/18 19:55 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <25.0 | ug/L | 50.0 | 25.0 | 50 | | 04/27/18 19:55 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <25.0 | ug/L | 50.0 | 25.0 | 50 | | 04/27/18 19:55 | 108-67-8 | |
| Vinyl chloride | 48.5J | ug/L | 50.0 | 8.8 | 50 | | 04/27/18 19:55 | 75-01-4 | |
| Xylene (Total) | <75.0 | ug/L | 150 | 75.0 | 50 | | 04/27/18 19:55 | 1330-20-7 | |
| m&p-Xylene | <50.0 | ug/L | 100 | 50.0 | 50 | | 04/27/18 19:55 | 179601-23-1 | |
| o-Xylene | <25.0 | ug/L | 50.0 | 25.0 | 50 | | 04/27/18 19:55 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 93 | % | 61-130 | | 50 | | 04/27/18 19:55 | 460-00-4 | |
| Dibromofluoromethane (S) | 109 | % | 67-130 | | 50 | | 04/27/18 19:55 | 1868-53-7 | |
| Toluene-d8 (S) | 98 | % | 70-130 | | 50 | | 04/27/18 19:55 | 2037-26-5 | |
| 300.0 IC Anions 28 Days Analytical Method: EPA 300.0 | | | | | | | | | |
| Sulfate | <5.0 | mg/L | 15.0 | 5.0 | 5 | | 05/03/18 18:06 | 14808-79-8 | D3 |
| 3500FE B Iron, Ferrous Analytical Method: SM 3500-Fe B | | | | | | | | | |
| Iron, Ferrous | 2.6 | mg/L | 0.80 | 0.17 | 10 | | 05/01/18 13:42 | | H6 |
| 353.2 Nitrogen, NO2/NO3 pres. Analytical Method: EPA 353.2 | | | | | | | | | |
| Nitrogen, NO2 plus NO3 | <0.095 | mg/L | 0.25 | 0.095 | 1 | | 05/08/18 12:41 | | |
| 5310C TOC Analytical Method: SM 5310C | | | | | | | | | |
| Total Organic Carbon | 910 | mg/L | 504 | 151 | 600 | | 05/03/18 02:19 | 7440-44-0 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

Sample: MW-8 **Lab ID: 40168111012** Collected: 04/25/18 14:35 Received: 04/26/18 14:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|------------------------------------|---------|---|-------|------|----|----------------|----------------|------------|------|
| Methane, Ethane, Ethene GCV | | Analytical Method: EPA 8015B Modified | | | | | | | |
| Ethane | <11.5 | ug/L | 112 | 11.5 | 20 | | 05/01/18 08:55 | 74-84-0 | |
| Ethene | 3.1J | ug/L | 5.0 | 0.52 | 1 | | 05/01/18 08:34 | 74-85-1 | |
| Methane | 3160 | ug/L | 56.0 | 27.4 | 20 | | 05/01/18 08:55 | 74-82-8 | M1 |
| Iron, Ferric (Calculation) | | Analytical Method: SM 3500-Fe B | | | | | | | |
| Iron, Ferric | 0.60 | mg/L | 0.050 | | 1 | | 05/08/18 16:30 | 7439-89-6 | N2 |
| 6020A MET ICPMS | | Analytical Method: EPA 6020A Preparation Method: EPA 3020 | | | | | | | |
| Iron | 14200 | ug/L | 94.9 | 28.5 | 5 | 04/30/18 17:00 | 05/03/18 01:18 | 7439-89-6 | |
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Benzene | <5.0 | ug/L | 10.0 | 5.0 | 10 | | 04/30/18 09:35 | 71-43-2 | |
| Bromobenzene | <2.3 | ug/L | 10.0 | 2.3 | 10 | | 04/30/18 09:35 | 108-86-1 | |
| Bromochloromethane | <3.4 | ug/L | 10.0 | 3.4 | 10 | | 04/30/18 09:35 | 74-97-5 | |
| Bromodichloromethane | <5.0 | ug/L | 10.0 | 5.0 | 10 | | 04/30/18 09:35 | 75-27-4 | |
| Bromoform | <5.0 | ug/L | 10.0 | 5.0 | 10 | | 04/30/18 09:35 | 75-25-2 | |
| Bromomethane | <24.3 | ug/L | 50.0 | 24.3 | 10 | | 04/30/18 09:35 | 74-83-9 | |
| n-Butylbenzene | <5.0 | ug/L | 10.0 | 5.0 | 10 | | 04/30/18 09:35 | 104-51-8 | |
| sec-Butylbenzene | <21.9 | ug/L | 50.0 | 21.9 | 10 | | 04/30/18 09:35 | 135-98-8 | |
| tert-Butylbenzene | <1.8 | ug/L | 10.0 | 1.8 | 10 | | 04/30/18 09:35 | 98-06-6 | |
| Carbon tetrachloride | <5.0 | ug/L | 10.0 | 5.0 | 10 | | 04/30/18 09:35 | 56-23-5 | |
| Chlorobenzene | <5.0 | ug/L | 10.0 | 5.0 | 10 | | 04/30/18 09:35 | 108-90-7 | |
| Chloroethane | <3.7 | ug/L | 10.0 | 3.7 | 10 | | 04/30/18 09:35 | 75-00-3 | |
| Chloroform | <25.0 | ug/L | 50.0 | 25.0 | 10 | | 04/30/18 09:35 | 67-66-3 | |
| Chloromethane | <5.0 | ug/L | 10.0 | 5.0 | 10 | | 04/30/18 09:35 | 74-87-3 | |
| 2-Chlorotoluene | <5.0 | ug/L | 10.0 | 5.0 | 10 | | 04/30/18 09:35 | 95-49-8 | |
| 4-Chlorotoluene | <2.1 | ug/L | 10.0 | 2.1 | 10 | | 04/30/18 09:35 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <21.6 | ug/L | 50.0 | 21.6 | 10 | | 04/30/18 09:35 | 96-12-8 | |
| Dibromochloromethane | <5.0 | ug/L | 10.0 | 5.0 | 10 | | 04/30/18 09:35 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <1.8 | ug/L | 10.0 | 1.8 | 10 | | 04/30/18 09:35 | 106-93-4 | |
| Dibromomethane | <4.3 | ug/L | 10.0 | 4.3 | 10 | | 04/30/18 09:35 | 74-95-3 | |
| 1,2-Dichlorobenzene | <5.0 | ug/L | 10.0 | 5.0 | 10 | | 04/30/18 09:35 | 95-50-1 | |
| 1,3-Dichlorobenzene | <5.0 | ug/L | 10.0 | 5.0 | 10 | | 04/30/18 09:35 | 541-73-1 | |
| 1,4-Dichlorobenzene | <5.0 | ug/L | 10.0 | 5.0 | 10 | | 04/30/18 09:35 | 106-46-7 | |
| Dichlorodifluoromethane | <2.2 | ug/L | 10.0 | 2.2 | 10 | | 04/30/18 09:35 | 75-71-8 | |
| 1,1-Dichloroethane | <2.4 | ug/L | 10.0 | 2.4 | 10 | | 04/30/18 09:35 | 75-34-3 | |
| 1,2-Dichloroethane | <1.7 | ug/L | 10.0 | 1.7 | 10 | | 04/30/18 09:35 | 107-06-2 | |
| 1,1-Dichloroethene | <4.1 | ug/L | 10.0 | 4.1 | 10 | | 04/30/18 09:35 | 75-35-4 | |
| cis-1,2-Dichloroethene | 761 | ug/L | 10.0 | 2.6 | 10 | | 04/30/18 09:35 | 156-59-2 | |
| trans-1,2-Dichloroethene | 15.3 | ug/L | 10.0 | 2.6 | 10 | | 04/30/18 09:35 | 156-60-5 | |
| 1,2-Dichloropropane | <2.3 | ug/L | 10.0 | 2.3 | 10 | | 04/30/18 09:35 | 78-87-5 | |
| 1,3-Dichloropropane | <5.0 | ug/L | 10.0 | 5.0 | 10 | | 04/30/18 09:35 | 142-28-9 | |
| 2,2-Dichloropropane | <4.8 | ug/L | 10.0 | 4.8 | 10 | | 04/30/18 09:35 | 594-20-7 | |
| 1,1-Dichloropropene | <4.4 | ug/L | 10.0 | 4.4 | 10 | | 04/30/18 09:35 | 563-58-6 | |
| cis-1,3-Dichloropropene | <5.0 | ug/L | 10.0 | 5.0 | 10 | | 04/30/18 09:35 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <2.3 | ug/L | 10.0 | 2.3 | 10 | | 04/30/18 09:35 | 10061-02-6 | |

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ANALYTICAL RESULTS

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

Sample: MW-8 **Lab ID: 40168111012** Collected: 04/25/18 14:35 Received: 04/26/18 14:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|-------|-----|----------|----------------|-------------|------|
| 8260 MSV Analytical Method: EPA 8260 | | | | | | | | | |
| Diisopropyl ether | <5.0 | ug/L | 10.0 | 5.0 | 10 | | 04/30/18 09:35 | 108-20-3 | |
| Ethylbenzene | <5.0 | ug/L | 10.0 | 5.0 | 10 | | 04/30/18 09:35 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <21.1 | ug/L | 50.0 | 21.1 | 10 | | 04/30/18 09:35 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <1.4 | ug/L | 10.0 | 1.4 | 10 | | 04/30/18 09:35 | 98-82-8 | |
| p-Isopropyltoluene | <5.0 | ug/L | 10.0 | 5.0 | 10 | | 04/30/18 09:35 | 99-87-6 | |
| Methylene Chloride | <2.3 | ug/L | 10.0 | 2.3 | 10 | | 04/30/18 09:35 | 75-09-2 | |
| Methyl-tert-butyl ether | <1.7 | ug/L | 10.0 | 1.7 | 10 | | 04/30/18 09:35 | 1634-04-4 | |
| Naphthalene | <25.0 | ug/L | 50.0 | 25.0 | 10 | | 04/30/18 09:35 | 91-20-3 | |
| n-Propylbenzene | <5.0 | ug/L | 10.0 | 5.0 | 10 | | 04/30/18 09:35 | 103-65-1 | |
| Styrene | <5.0 | ug/L | 10.0 | 5.0 | 10 | | 04/30/18 09:35 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <1.8 | ug/L | 10.0 | 1.8 | 10 | | 04/30/18 09:35 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <2.5 | ug/L | 10.0 | 2.5 | 10 | | 04/30/18 09:35 | 79-34-5 | |
| Tetrachloroethene | <5.0 | ug/L | 10.0 | 5.0 | 10 | | 04/30/18 09:35 | 127-18-4 | |
| Toluene | <5.0 | ug/L | 10.0 | 5.0 | 10 | | 04/30/18 09:35 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <21.3 | ug/L | 50.0 | 21.3 | 10 | | 04/30/18 09:35 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <22.1 | ug/L | 50.0 | 22.1 | 10 | | 04/30/18 09:35 | 120-82-1 | |
| 1,1,1-Trichloroethane | <5.0 | ug/L | 10.0 | 5.0 | 10 | | 04/30/18 09:35 | 71-55-6 | |
| 1,1,2-Trichloroethane | <2.0 | ug/L | 10.0 | 2.0 | 10 | | 04/30/18 09:35 | 79-00-5 | |
| Trichloroethene | <3.3 | ug/L | 10.0 | 3.3 | 10 | | 04/30/18 09:35 | 79-01-6 | |
| Trichlorofluoromethane | <1.8 | ug/L | 10.0 | 1.8 | 10 | | 04/30/18 09:35 | 75-69-4 | |
| 1,2,3-Trichloropropane | <5.0 | ug/L | 10.0 | 5.0 | 10 | | 04/30/18 09:35 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <5.0 | ug/L | 10.0 | 5.0 | 10 | | 04/30/18 09:35 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <5.0 | ug/L | 10.0 | 5.0 | 10 | | 04/30/18 09:35 | 108-67-8 | |
| Vinyl chloride | 2.3J | ug/L | 10.0 | 1.8 | 10 | | 04/30/18 09:35 | 75-01-4 | |
| Xylene (Total) | <15.0 | ug/L | 30.0 | 15.0 | 10 | | 04/30/18 09:35 | 1330-20-7 | |
| m&p-Xylene | <10.0 | ug/L | 20.0 | 10.0 | 10 | | 04/30/18 09:35 | 179601-23-1 | |
| o-Xylene | <5.0 | ug/L | 10.0 | 5.0 | 10 | | 04/30/18 09:35 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 91 | % | 61-130 | | 10 | | 04/30/18 09:35 | 460-00-4 | |
| Dibromofluoromethane (S) | 110 | % | 67-130 | | 10 | | 04/30/18 09:35 | 1868-53-7 | |
| Toluene-d8 (S) | 97 | % | 70-130 | | 10 | | 04/30/18 09:35 | 2037-26-5 | |
| 300.0 IC Anions 28 Days Analytical Method: EPA 300.0 | | | | | | | | | |
| Sulfate | <5.0 | mg/L | 15.0 | 5.0 | 5 | | 05/03/18 18:58 | 14808-79-8 | D3 |
| 3500FE B Iron, Ferrous Analytical Method: SM 3500-Fe B | | | | | | | | | |
| Iron, Ferrous | 13.6 | mg/L | 8.0 | 2.1 | 100 | | 05/08/18 14:36 | | H6 |
| 353.2 Nitrogen, NO2/NO3 pres. Analytical Method: EPA 353.2 | | | | | | | | | |
| Nitrogen, NO2 plus NO3 | <0.095 | mg/L | 0.25 | 0.095 | 1 | | 05/08/18 12:42 | | |
| 5310C TOC Analytical Method: SM 5310C | | | | | | | | | |
| Total Organic Carbon | 361 | mg/L | 252 | 75.6 | 300 | | 05/03/18 09:17 | 7440-44-0 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

Sample: TRIP BLANK **Lab ID: 40168111013** Collected: 04/25/18 00:00 Received: 04/26/18 14:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|-----------------------------|---------|-----------------------------|-----|------|----|----------|----------------|------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| Benzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 14:31 | 71-43-2 | |
| Bromobenzene | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 14:31 | 108-86-1 | |
| Bromochloromethane | <0.34 | ug/L | 1.0 | 0.34 | 1 | | 04/27/18 14:31 | 74-97-5 | |
| Bromodichloromethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 14:31 | 75-27-4 | |
| Bromoform | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 14:31 | 75-25-2 | |
| Bromomethane | <2.4 | ug/L | 5.0 | 2.4 | 1 | | 04/27/18 14:31 | 74-83-9 | |
| n-Butylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 14:31 | 104-51-8 | |
| sec-Butylbenzene | <2.2 | ug/L | 5.0 | 2.2 | 1 | | 04/27/18 14:31 | 135-98-8 | |
| tert-Butylbenzene | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 14:31 | 98-06-6 | |
| Carbon tetrachloride | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 14:31 | 56-23-5 | |
| Chlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 14:31 | 108-90-7 | |
| Chloroethane | <0.37 | ug/L | 1.0 | 0.37 | 1 | | 04/27/18 14:31 | 75-00-3 | |
| Chloroform | <2.5 | ug/L | 5.0 | 2.5 | 1 | | 04/27/18 14:31 | 67-66-3 | |
| Chloromethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 14:31 | 74-87-3 | |
| 2-Chlorotoluene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 14:31 | 95-49-8 | |
| 4-Chlorotoluene | <0.21 | ug/L | 1.0 | 0.21 | 1 | | 04/27/18 14:31 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <2.2 | ug/L | 5.0 | 2.2 | 1 | | 04/27/18 14:31 | 96-12-8 | |
| Dibromochloromethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 14:31 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 14:31 | 106-93-4 | |
| Dibromomethane | <0.43 | ug/L | 1.0 | 0.43 | 1 | | 04/27/18 14:31 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 14:31 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 14:31 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 14:31 | 106-46-7 | |
| Dichlorodifluoromethane | <0.22 | ug/L | 1.0 | 0.22 | 1 | | 04/27/18 14:31 | 75-71-8 | |
| 1,1-Dichloroethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 04/27/18 14:31 | 75-34-3 | |
| 1,2-Dichloroethane | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 04/27/18 14:31 | 107-06-2 | |
| 1,1-Dichloroethene | <0.41 | ug/L | 1.0 | 0.41 | 1 | | 04/27/18 14:31 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 04/27/18 14:31 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 04/27/18 14:31 | 156-60-5 | |
| 1,2-Dichloropropane | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 14:31 | 78-87-5 | |
| 1,3-Dichloropropane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 14:31 | 142-28-9 | |
| 2,2-Dichloropropane | <0.48 | ug/L | 1.0 | 0.48 | 1 | | 04/27/18 14:31 | 594-20-7 | |
| 1,1-Dichloropropene | <0.44 | ug/L | 1.0 | 0.44 | 1 | | 04/27/18 14:31 | 563-58-6 | |
| cis-1,3-Dichloropropene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 14:31 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 14:31 | 10061-02-6 | |
| Diisopropyl ether | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 14:31 | 108-20-3 | |
| Ethylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 14:31 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <2.1 | ug/L | 5.0 | 2.1 | 1 | | 04/27/18 14:31 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <0.14 | ug/L | 1.0 | 0.14 | 1 | | 04/27/18 14:31 | 98-82-8 | |
| p-Isopropyltoluene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 14:31 | 99-87-6 | |
| Methylene Chloride | <0.23 | ug/L | 1.0 | 0.23 | 1 | | 04/27/18 14:31 | 75-09-2 | |
| Methyl-tert-butyl ether | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 04/27/18 14:31 | 1634-04-4 | |
| Naphthalene | <2.5 | ug/L | 5.0 | 2.5 | 1 | | 04/27/18 14:31 | 91-20-3 | |
| n-Propylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 14:31 | 103-65-1 | |
| Styrene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 14:31 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 14:31 | 630-20-6 | |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

Sample: TRIP BLANK **Lab ID: 40168111013** Collected: 04/25/18 00:00 Received: 04/26/18 14:15 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------|---------|-----------------------------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | Analytical Method: EPA 8260 | | | | | | | |
| 1,1,2,2-Tetrachloroethane | <0.25 | ug/L | 1.0 | 0.25 | 1 | | 04/27/18 14:31 | 79-34-5 | |
| Tetrachloroethene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 14:31 | 127-18-4 | |
| Toluene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 14:31 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <2.1 | ug/L | 5.0 | 2.1 | 1 | | 04/27/18 14:31 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <2.2 | ug/L | 5.0 | 2.2 | 1 | | 04/27/18 14:31 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 14:31 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.20 | ug/L | 1.0 | 0.20 | 1 | | 04/27/18 14:31 | 79-00-5 | |
| Trichloroethene | <0.33 | ug/L | 1.0 | 0.33 | 1 | | 04/27/18 14:31 | 79-01-6 | |
| Trichlorofluoromethane | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 14:31 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 14:31 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 14:31 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 14:31 | 108-67-8 | |
| Vinyl chloride | <0.18 | ug/L | 1.0 | 0.18 | 1 | | 04/27/18 14:31 | 75-01-4 | |
| Xylene (Total) | <1.5 | ug/L | 3.0 | 1.5 | 1 | | 04/27/18 14:31 | 1330-20-7 | |
| m&p-Xylene | <1.0 | ug/L | 2.0 | 1.0 | 1 | | 04/27/18 14:31 | 179601-23-1 | |
| o-Xylene | <0.50 | ug/L | 1.0 | 0.50 | 1 | | 04/27/18 14:31 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 89 | % | 61-130 | | 1 | | 04/27/18 14:31 | 460-00-4 | |
| Dibromofluoromethane (S) | 112 | % | 67-130 | | 1 | | 04/27/18 14:31 | 1868-53-7 | |
| Toluene-d8 (S) | 97 | % | 70-130 | | 1 | | 04/27/18 14:31 | 2037-26-5 | |

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1690004905 FORMER EXPRESS CLEA
Pace Project No.: 40168111

QC Batch: 287456 Analysis Method: EPA 8015B Modified
QC Batch Method: EPA 8015B Modified Analysis Description: Methane, Ethane, Ethene GCV
Associated Lab Samples: 40168111011, 40168111012

METHOD BLANK: 1681920 Matrix: Water
Associated Lab Samples: 40168111011, 40168111012

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Ethane | ug/L | <0.58 | 5.6 | 05/01/18 08:06 | |
| Ethene | ug/L | <0.52 | 5.0 | 05/01/18 08:06 | |
| Methane | ug/L | <1.4 | 2.8 | 05/01/18 08:06 | |

LABORATORY CONTROL SAMPLE & LCSD: 1681921

| Parameter | Units | 1681922 | | | | | | | | Qualifiers |
|-----------|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| | | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | |
| Ethane | ug/L | 53.6 | 57.3 | 56.3 | 107 | 105 | 80-120 | 2 | 20 | |
| Ethene | ug/L | 50 | 53.1 | 52.1 | 106 | 104 | 80-119 | 2 | 20 | |
| Methane | ug/L | 28.6 | 30.3 | 29.9 | 106 | 105 | 80-120 | 1 | 20 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1682028

| Parameter | Units | 1682029 | | | | | | | | | | |
|-----------|-------|--------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| | | 40168111012 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
| Ethane | ug/L | <11.5 | 1070 | 1070 | 1130 | 1140 | 105 | 107 | 79-120 | 2 | 20 | |
| Ethene | ug/L | 3.1J | 1000 | 1000 | 1050 | 1060 | 104 | 105 | 78-119 | 1 | 20 | |
| Methane | ug/L | 3160 | 571 | 571 | 4680 | 4900 | 265 | 304 | 10-200 | 5 | 20 | M1 |

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

QC Batch: 534934

Analysis Method: EPA 6020A

QC Batch Method: EPA 3020

Analysis Description: 6020A Water UPD4

Associated Lab Samples: 40168111011, 40168111012

METHOD BLANK: 2906757

Matrix: Water

Associated Lab Samples: 40168111011, 40168111012

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Iron | ug/L | <5.7 | 19.0 | 05/02/18 23:14 | |

LABORATORY CONTROL SAMPLE: 2906758

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Iron | ug/L | 2000 | 2180 | 109 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2906759 2906760

| Parameter | Units | 2906759 | | 2906760 | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|--------------------|----------------|-----------------|-----------|----------|-----------|--------------|--------|---------|------|
| | | 40168111011 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | | | | | | |
| Iron | ug/L | 3410 | 2000 | 2000 | 5400 | 5340 | 100 | 96 | 75-125 | 1 | 20 |

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QUALITY CONTROL DATA

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

| | | | |
|------------------|----------|-----------------------|----------|
| QC Batch: | 287197 | Analysis Method: | EPA 8260 |
| QC Batch Method: | EPA 8260 | Analysis Description: | 8260 MSV |

Associated Lab Samples: 40168111001, 40168111002, 40168111003, 40168111004, 40168111005, 40168111006, 40168111007, 40168111008, 40168111009, 40168111010, 40168111011, 40168111012, 40168111013

METHOD BLANK: 1680012 Matrix: Water

Associated Lab Samples: 40168111001, 40168111002, 40168111003, 40168111004, 40168111005, 40168111006, 40168111007, 40168111008, 40168111009, 40168111010, 40168111011, 40168111012, 40168111013

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------------------------|-------|--------------|-----------------|----------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/L | <0.18 | 1.0 | 04/27/18 10:01 | |
| 1,1,1-Trichloroethane | ug/L | <0.50 | 1.0 | 04/27/18 10:01 | |
| 1,1,2,2-Tetrachloroethane | ug/L | <0.25 | 1.0 | 04/27/18 10:01 | |
| 1,1,2-Trichloroethane | ug/L | <0.20 | 1.0 | 04/27/18 10:01 | |
| 1,1-Dichloroethane | ug/L | <0.24 | 1.0 | 04/27/18 10:01 | |
| 1,1-Dichloroethene | ug/L | <0.41 | 1.0 | 04/27/18 10:01 | |
| 1,1-Dichloropropene | ug/L | <0.44 | 1.0 | 04/27/18 10:01 | |
| 1,2,3-Trichlorobenzene | ug/L | <2.1 | 5.0 | 04/27/18 10:01 | |
| 1,2,3-Trichloropropane | ug/L | <0.50 | 1.0 | 04/27/18 10:01 | |
| 1,2,4-Trichlorobenzene | ug/L | <2.2 | 5.0 | 04/27/18 10:01 | |
| 1,2,4-Trimethylbenzene | ug/L | <0.50 | 1.0 | 04/27/18 10:01 | |
| 1,2-Dibromo-3-chloropropane | ug/L | <2.2 | 5.0 | 04/27/18 10:01 | |
| 1,2-Dibromoethane (EDB) | ug/L | <0.18 | 1.0 | 04/27/18 10:01 | |
| 1,2-Dichlorobenzene | ug/L | <0.50 | 1.0 | 04/27/18 10:01 | |
| 1,2-Dichloroethane | ug/L | <0.17 | 1.0 | 04/27/18 10:01 | |
| 1,2-Dichloropropane | ug/L | <0.23 | 1.0 | 04/27/18 10:01 | |
| 1,3,5-Trimethylbenzene | ug/L | <0.50 | 1.0 | 04/27/18 10:01 | |
| 1,3-Dichlorobenzene | ug/L | <0.50 | 1.0 | 04/27/18 10:01 | |
| 1,3-Dichloropropane | ug/L | <0.50 | 1.0 | 04/27/18 10:01 | |
| 1,4-Dichlorobenzene | ug/L | <0.50 | 1.0 | 04/27/18 10:01 | |
| 2,2-Dichloropropane | ug/L | <0.48 | 1.0 | 04/27/18 10:01 | |
| 2-Chlorotoluene | ug/L | <0.50 | 1.0 | 04/27/18 10:01 | |
| 4-Chlorotoluene | ug/L | <0.21 | 1.0 | 04/27/18 10:01 | |
| Benzene | ug/L | <0.50 | 1.0 | 04/27/18 10:01 | |
| Bromobenzene | ug/L | <0.23 | 1.0 | 04/27/18 10:01 | |
| Bromochloromethane | ug/L | <0.34 | 1.0 | 04/27/18 10:01 | |
| Bromodichloromethane | ug/L | <0.50 | 1.0 | 04/27/18 10:01 | |
| Bromoform | ug/L | <0.50 | 1.0 | 04/27/18 10:01 | |
| Bromomethane | ug/L | <2.4 | 5.0 | 04/27/18 10:01 | |
| Carbon tetrachloride | ug/L | <0.50 | 1.0 | 04/27/18 10:01 | |
| Chlorobenzene | ug/L | <0.50 | 1.0 | 04/27/18 10:01 | |
| Chloroethane | ug/L | <0.37 | 1.0 | 04/27/18 10:01 | |
| Chloroform | ug/L | <2.5 | 5.0 | 04/27/18 10:01 | |
| Chloromethane | ug/L | <0.50 | 1.0 | 04/27/18 10:01 | |
| cis-1,2-Dichloroethene | ug/L | <0.26 | 1.0 | 04/27/18 10:01 | |
| cis-1,3-Dichloropropene | ug/L | <0.50 | 1.0 | 04/27/18 10:01 | |
| Dibromochloromethane | ug/L | <0.50 | 1.0 | 04/27/18 10:01 | |
| Dibromomethane | ug/L | <0.43 | 1.0 | 04/27/18 10:01 | |
| Dichlorodifluoromethane | ug/L | <0.22 | 1.0 | 04/27/18 10:01 | |
| Diisopropyl ether | ug/L | <0.50 | 1.0 | 04/27/18 10:01 | |

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

METHOD BLANK: 1680012

Matrix: Water

Associated Lab Samples: 40168111001, 40168111002, 40168111003, 40168111004, 40168111005, 40168111006, 40168111007, 40168111008, 40168111009, 40168111010, 40168111011, 40168111012, 40168111013

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---------------------------|-------|--------------|-----------------|----------------|------------|
| Ethylbenzene | ug/L | <0.50 | 1.0 | 04/27/18 10:01 | |
| Hexachloro-1,3-butadiene | ug/L | <2.1 | 5.0 | 04/27/18 10:01 | |
| Isopropylbenzene (Cumene) | ug/L | <0.14 | 1.0 | 04/27/18 10:01 | |
| m&p-Xylene | ug/L | <1.0 | 2.0 | 04/27/18 10:01 | |
| Methyl-tert-butyl ether | ug/L | <0.17 | 1.0 | 04/27/18 10:01 | |
| Methylene Chloride | ug/L | <0.23 | 1.0 | 04/27/18 10:01 | |
| n-Butylbenzene | ug/L | <0.50 | 1.0 | 04/27/18 10:01 | |
| n-Propylbenzene | ug/L | <0.50 | 1.0 | 04/27/18 10:01 | |
| Naphthalene | ug/L | <2.5 | 5.0 | 04/27/18 10:01 | |
| o-Xylene | ug/L | <0.50 | 1.0 | 04/27/18 10:01 | |
| p-Isopropyltoluene | ug/L | <0.50 | 1.0 | 04/27/18 10:01 | |
| sec-Butylbenzene | ug/L | <2.2 | 5.0 | 04/27/18 10:01 | |
| Styrene | ug/L | <0.50 | 1.0 | 04/27/18 10:01 | |
| tert-Butylbenzene | ug/L | <0.18 | 1.0 | 04/27/18 10:01 | |
| Tetrachloroethene | ug/L | <0.50 | 1.0 | 04/27/18 10:01 | |
| Toluene | ug/L | <0.50 | 1.0 | 04/27/18 10:01 | |
| trans-1,2-Dichloroethene | ug/L | <0.26 | 1.0 | 04/27/18 10:01 | |
| trans-1,3-Dichloropropene | ug/L | <0.23 | 1.0 | 04/27/18 10:01 | |
| Trichloroethene | ug/L | <0.33 | 1.0 | 04/27/18 10:01 | |
| Trichlorofluoromethane | ug/L | <0.18 | 1.0 | 04/27/18 10:01 | |
| Vinyl chloride | ug/L | <0.18 | 1.0 | 04/27/18 10:01 | |
| Xylene (Total) | ug/L | <1.5 | 3.0 | 04/27/18 10:01 | |
| 4-Bromofluorobenzene (S) | % | 94 | 61-130 | 04/27/18 10:01 | |
| Dibromofluoromethane (S) | % | 105 | 67-130 | 04/27/18 10:01 | |
| Toluene-d8 (S) | % | 97 | 70-130 | 04/27/18 10:01 | |

LABORATORY CONTROL SAMPLE: 1680013

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,1,1-Trichloroethane | ug/L | 50 | 54.6 | 109 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 50 | 46.5 | 93 | 70-130 | |
| 1,1,2-Trichloroethane | ug/L | 50 | 50.1 | 100 | 70-130 | |
| 1,1-Dichloroethane | ug/L | 50 | 54.4 | 109 | 71-132 | |
| 1,1-Dichloroethene | ug/L | 50 | 53.9 | 108 | 75-130 | |
| 1,2,4-Trichlorobenzene | ug/L | 50 | 43.6 | 87 | 70-130 | |
| 1,2-Dibromo-3-chloropropane | ug/L | 50 | 43.9 | 88 | 63-123 | |
| 1,2-Dibromoethane (EDB) | ug/L | 50 | 50.2 | 100 | 70-130 | |
| 1,2-Dichlorobenzene | ug/L | 50 | 47.4 | 95 | 70-130 | |
| 1,2-Dichloroethane | ug/L | 50 | 54.2 | 108 | 70-131 | |
| 1,2-Dichloropropane | ug/L | 50 | 55.0 | 110 | 80-120 | |
| 1,3-Dichlorobenzene | ug/L | 50 | 48.0 | 96 | 70-130 | |
| 1,4-Dichlorobenzene | ug/L | 50 | 48.7 | 97 | 70-130 | |
| Benzene | ug/L | 50 | 53.6 | 107 | 73-145 | |

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

LABORATORY CONTROL SAMPLE: 1680013

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---------------------------|-------|-------------|------------|-----------|--------------|------------|
| Bromodichloromethane | ug/L | 50 | 54.4 | 109 | 70-130 | |
| Bromoform | ug/L | 50 | 46.7 | 93 | 67-130 | |
| Bromomethane | ug/L | 50 | 49.2 | 98 | 26-128 | |
| Carbon tetrachloride | ug/L | 50 | 56.3 | 113 | 70-133 | |
| Chlorobenzene | ug/L | 50 | 51.2 | 102 | 70-130 | |
| Chloroethane | ug/L | 50 | 51.0 | 102 | 58-120 | |
| Chloroform | ug/L | 50 | 54.6 | 109 | 80-121 | |
| Chloromethane | ug/L | 50 | 53.9 | 108 | 40-127 | |
| cis-1,2-Dichloroethene | ug/L | 50 | 49.7 | 99 | 70-130 | |
| cis-1,3-Dichloropropene | ug/L | 50 | 47.3 | 95 | 70-130 | |
| Dibromochloromethane | ug/L | 50 | 50.7 | 101 | 70-130 | |
| Dichlorodifluoromethane | ug/L | 50 | 36.8 | 74 | 20-135 | |
| Ethylbenzene | ug/L | 50 | 54.8 | 110 | 87-129 | |
| Isopropylbenzene (Cumene) | ug/L | 50 | 54.3 | 109 | 70-130 | |
| m&p-Xylene | ug/L | 100 | 108 | 108 | 70-130 | |
| Methyl-tert-butyl ether | ug/L | 50 | 49.7 | 99 | 66-143 | |
| Methylene Chloride | ug/L | 50 | 49.4 | 99 | 70-130 | |
| o-Xylene | ug/L | 50 | 54.7 | 109 | 70-130 | |
| Styrene | ug/L | 50 | 55.7 | 111 | 70-130 | |
| Tetrachloroethene | ug/L | 50 | 47.9 | 96 | 70-130 | |
| Toluene | ug/L | 50 | 52.1 | 104 | 82-130 | |
| trans-1,2-Dichloroethene | ug/L | 50 | 51.3 | 103 | 75-132 | |
| trans-1,3-Dichloropropene | ug/L | 50 | 45.7 | 91 | 70-130 | |
| Trichloroethene | ug/L | 50 | 54.4 | 109 | 70-130 | |
| Trichlorofluoromethane | ug/L | 50 | 53.9 | 108 | 76-133 | |
| Vinyl chloride | ug/L | 50 | 45.6 | 91 | 57-136 | |
| Xylene (Total) | ug/L | 150 | 163 | 108 | 70-130 | |
| 4-Bromofluorobenzene (S) | % | | | 104 | 61-130 | |
| Dibromofluoromethane (S) | % | | | 101 | 67-130 | |
| Toluene-d8 (S) | % | | | 98 | 70-130 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1680097 1680098

| Parameter | Units | MS | | MSD | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual | |
|-----------------------------|-------|--------------------|-------------|-------------|-----------|----------|-----------|--------------|--------|---------|------|------------|
| | | 40168111002 Result | Spike Conc. | Spike Conc. | MS Result | | | | | | | MSD Result |
| 1,1,1-Trichloroethane | ug/L | <0.50 | 50 | 50 | 57.4 | 58.1 | 115 | 116 | 70-134 | 1 | 20 | |
| 1,1,2,2-Tetrachloroethane | ug/L | <0.25 | 50 | 50 | 50.3 | 52.6 | 101 | 105 | 70-130 | 4 | 20 | |
| 1,1,2-Trichloroethane | ug/L | <0.20 | 50 | 50 | 52.3 | 51.0 | 105 | 102 | 70-130 | 3 | 20 | |
| 1,1-Dichloroethane | ug/L | <0.24 | 50 | 50 | 55.3 | 57.4 | 111 | 115 | 71-133 | 4 | 20 | |
| 1,1-Dichloroethene | ug/L | <0.41 | 50 | 50 | 56.7 | 55.5 | 113 | 111 | 75-136 | 2 | 20 | |
| 1,2,4-Trichlorobenzene | ug/L | <2.2 | 50 | 50 | 47.4 | 49.1 | 95 | 98 | 70-130 | 4 | 20 | |
| 1,2-Dibromo-3-chloropropane | ug/L | <2.2 | 50 | 50 | 48.3 | 53.0 | 97 | 106 | 63-123 | 9 | 20 | |
| 1,2-Dibromoethane (EDB) | ug/L | <0.18 | 50 | 50 | 51.3 | 50.6 | 103 | 101 | 70-130 | 1 | 20 | |
| 1,2-Dichlorobenzene | ug/L | <0.50 | 50 | 50 | 50.8 | 51.7 | 102 | 103 | 70-130 | 2 | 20 | |

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

| Parameter | Units | MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1680097 | | 1680098 | | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | Max RPD | RPD | Qual |
|---------------------------|-------|--|----------------------|-----------------------|--------------|--------------|---------------|-------------|--------------|-----------------|------------|-----|------|
| | | 40168111002 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | | | | | | | | |
| 1,2-Dichloroethane | ug/L | <0.17 | 50 | 50 | 57.5 | 57.5 | 115 | 115 | 70-131 | 0 | 20 | | |
| 1,2-Dichloropropane | ug/L | <0.23 | 50 | 50 | 57.4 | 57.8 | 115 | 116 | 80-120 | 1 | 20 | | |
| 1,3-Dichlorobenzene | ug/L | <0.50 | 50 | 50 | 50.1 | 51.3 | 100 | 103 | 70-130 | 2 | 20 | | |
| 1,4-Dichlorobenzene | ug/L | <0.50 | 50 | 50 | 52.4 | 52.8 | 105 | 106 | 70-130 | 1 | 20 | | |
| Benzene | ug/L | <0.50 | 50 | 50 | 56.4 | 57.2 | 113 | 114 | 73-145 | 1 | 20 | | |
| Bromodichloromethane | ug/L | <0.50 | 50 | 50 | 54.6 | 57.5 | 109 | 115 | 70-130 | 5 | 20 | | |
| Bromoform | ug/L | <0.50 | 50 | 50 | 46.8 | 47.7 | 94 | 95 | 67-130 | 2 | 20 | | |
| Bromomethane | ug/L | <2.4 | 50 | 50 | 53.6 | 56.8 | 107 | 114 | 26-129 | 6 | 20 | | |
| Carbon tetrachloride | ug/L | <0.50 | 50 | 50 | 58.0 | 59.3 | 116 | 119 | 70-134 | 2 | 20 | | |
| Chlorobenzene | ug/L | <0.50 | 50 | 50 | 51.8 | 51.0 | 104 | 102 | 70-130 | 2 | 20 | | |
| Chloroethane | ug/L | <0.37 | 50 | 50 | 52.4 | 53.1 | 105 | 106 | 58-120 | 1 | 20 | | |
| Chloroform | ug/L | <2.5 | 50 | 50 | 55.3 | 57.4 | 111 | 115 | 80-121 | 4 | 20 | | |
| Chloromethane | ug/L | <0.50 | 50 | 50 | 59.0 | 61.7 | 118 | 123 | 40-128 | 5 | 20 | | |
| cis-1,2-Dichloroethene | ug/L | 1.1 | 50 | 50 | 50.4 | 52.2 | 99 | 102 | 70-130 | 4 | 20 | | |
| cis-1,3-Dichloropropene | ug/L | <0.50 | 50 | 50 | 48.9 | 50.0 | 98 | 100 | 70-130 | 2 | 20 | | |
| Dibromochloromethane | ug/L | <0.50 | 50 | 50 | 52.6 | 51.3 | 105 | 103 | 70-130 | 3 | 20 | | |
| Dichlorodifluoromethane | ug/L | <0.22 | 50 | 50 | 39.6 | 40.1 | 79 | 80 | 20-146 | 1 | 20 | | |
| Ethylbenzene | ug/L | <0.50 | 50 | 50 | 55.2 | 55.3 | 110 | 111 | 87-129 | 0 | 20 | | |
| Isopropylbenzene (Cumene) | ug/L | <0.14 | 50 | 50 | 54.7 | 54.5 | 109 | 109 | 70-130 | 0 | 20 | | |
| m&p-Xylene | ug/L | <1.0 | 100 | 100 | 108 | 107 | 108 | 107 | 70-130 | 1 | 20 | | |
| Methyl-tert-butyl ether | ug/L | <0.17 | 50 | 50 | 52.1 | 53.9 | 104 | 108 | 66-143 | 3 | 20 | | |
| Methylene Chloride | ug/L | <0.23 | 50 | 50 | 52.5 | 51.3 | 105 | 103 | 70-130 | 2 | 20 | | |
| o-Xylene | ug/L | <0.50 | 50 | 50 | 55.4 | 54.1 | 111 | 108 | 70-130 | 2 | 20 | | |
| Styrene | ug/L | <0.50 | 50 | 50 | 56.3 | 55.3 | 113 | 111 | 70-130 | 2 | 20 | | |
| Tetrachloroethene | ug/L | <0.50 | 50 | 50 | 48.2 | 46.5 | 96 | 93 | 70-130 | 4 | 20 | | |
| Toluene | ug/L | <0.50 | 50 | 50 | 52.1 | 52.1 | 104 | 104 | 82-131 | 0 | 20 | | |
| trans-1,2-Dichloroethene | ug/L | <0.26 | 50 | 50 | 53.8 | 54.4 | 108 | 109 | 75-135 | 1 | 20 | | |
| trans-1,3-Dichloropropene | ug/L | <0.23 | 50 | 50 | 46.9 | 47.9 | 94 | 96 | 70-130 | 2 | 20 | | |
| Trichloroethene | ug/L | <0.33 | 50 | 50 | 54.5 | 55.7 | 109 | 111 | 70-130 | 2 | 20 | | |
| Trichlorofluoromethane | ug/L | <0.18 | 50 | 50 | 55.9 | 55.6 | 112 | 111 | 76-150 | 1 | 20 | | |
| Vinyl chloride | ug/L | <0.18 | 50 | 50 | 48.8 | 50.5 | 98 | 101 | 56-143 | 3 | 20 | | |
| Xylene (Total) | ug/L | <1.5 | 150 | 150 | 164 | 161 | 109 | 107 | 70-130 | 2 | 20 | | |
| 4-Bromofluorobenzene (S) | % | | | | | | 101 | 101 | 61-130 | | | | |
| Dibromofluoromethane (S) | % | | | | | | 104 | 106 | 67-130 | | | | |
| Toluene-d8 (S) | % | | | | | | 96 | 94 | 70-130 | | | | |

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1690004905 FORMER EXPRESS CLEA
Pace Project No.: 40168111

QC Batch: 287522 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 40168111011

METHOD BLANK: 1682168 Matrix: Water
Associated Lab Samples: 40168111011

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Sulfate | mg/L | <1.0 | 3.0 | 05/03/18 10:43 | |

LABORATORY CONTROL SAMPLE: 1682169

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Sulfate | mg/L | 20 | 21.0 | 105 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1682170 1682171

| Parameter | Units | 40168058007 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|--------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Sulfate | mg/L | 144 | 100 | 100 | 239 | 237 | 95 | 93 | 90-110 | 1 | 15 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1682172 1682173

| Parameter | Units | 40168111011 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|--------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Sulfate | mg/L | <5.0 | 100 | 100 | 109 | 110 | 107 | 108 | 90-110 | 1 | 15 | |

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1690004905 FORMER EXPRESS CLEA
Pace Project No.: 40168111

QC Batch: 287557 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 40168111012

METHOD BLANK: 1682337 Matrix: Water
Associated Lab Samples: 40168111012

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Sulfate | mg/L | <1.0 | 3.0 | 05/03/18 18:37 | |

LABORATORY CONTROL SAMPLE: 1682338

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Sulfate | mg/L | 20 | 21.0 | 105 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1682339 1682340

| Parameter | Units | 40168111012 Result | MS | MSD | MS | MSD | MS | MSD | % Rec | Max | | Qual | |
|-----------|-------|--------------------|-------------|-------------|--------|--------|-------|-------|--------|--------|-----|------|--|
| | | | Spike Conc. | Spike Conc. | Result | Result | % Rec | % Rec | Limits | RPD | RPD | | |
| Sulfate | mg/L | <5.0 | 100 | 100 | 109 | 109 | 109 | 109 | 109 | 90-110 | 1 | 15 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1682341 1682342

| Parameter | Units | 40168130001 Result | MS | MSD | MS | MSD | MS | MSD | % Rec | Max | | Qual | |
|-----------|-------|--------------------|-------------|-------------|--------|--------|-------|-------|--------|--------|-----|------|--|
| | | | Spike Conc. | Spike Conc. | Result | Result | % Rec | % Rec | Limits | RPD | RPD | | |
| Sulfate | mg/L | 20.9 | 20 | 20 | 42.1 | 42.2 | 106 | 107 | 107 | 90-110 | 0 | 15 | |

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QUALITY CONTROL DATA

Project: 1690004905 FORMER EXPRESS CLEA
Pace Project No.: 40168111

QC Batch: 535090 Analysis Method: SM 3500-Fe B
QC Batch Method: SM 3500-Fe B Analysis Description: 3500FE B Iron, Ferrous
Associated Lab Samples: 40168111011, 40168111012

METHOD BLANK: 2907251 Matrix: Water
Associated Lab Samples: 40168111011, 40168111012

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---------------|-------|--------------|-----------------|----------------|------------|
| Iron, Ferrous | mg/L | <0.017 | 0.080 | 05/01/18 13:19 | H6 |

LABORATORY CONTROL SAMPLE: 2907252

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---------------|-------|-------------|------------|-----------|--------------|------------|
| Iron, Ferrous | mg/L | .5 | 0.50 | 100 | 90-110 | H6 |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2907253 2907254

| Parameter | Units | 2907253 | | 2907254 | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---------------|-------|--------------------|----------------|-----------------|-----------|----------|-----------|--------------|--------|---------|-------|
| | | 40168111011 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | | | | | | |
| Iron, Ferrous | mg/L | 2.6 | 5 | 5 | 7.9 | 7.7 | 105 | 101 | 80-120 | 2 | 20 H6 |

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QUALITY CONTROL DATA

Project: 1690004905 FORMER EXPRESS CLEA
Pace Project No.: 40168111

QC Batch: 536921 Analysis Method: SM 3500-Fe B
QC Batch Method: SM 3500-Fe B Analysis Description: 3500FE B Iron, Ferrous
Associated Lab Samples: 40168111012

METHOD BLANK: 2918814 Matrix: Water
Associated Lab Samples: 40168111012

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---------------|-------|--------------|-----------------|----------------|------------|
| Iron, Ferrous | mg/L | <0.021 | 0.080 | 05/08/18 14:35 | H6 |

LABORATORY CONTROL SAMPLE: 2918815

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---------------|-------|-------------|------------|-----------|--------------|------------|
| Iron, Ferrous | mg/L | .5 | 0.45 | 90 | 90-110 | H6 |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2918816 2918817

| Parameter | Units | 40168111012 | | 2918816 | | 2918817 | | % Rec Limits | RPD | Max RPD | Qual |
|---------------|-------|-------------|----------------|-----------------|-----------|------------|----------|--------------|--------|---------|-------|
| | | MS Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | | | | |
| Iron, Ferrous | mg/L | 13.6 | 50 | 50 | 59.6 | 59.7 | 92 | 92 | 80-120 | 0 | 20 H6 |

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QUALITY CONTROL DATA

Project: 1690004905 FORMER EXPRESS CLEA
Pace Project No.: 40168111

QC Batch: 288099 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, preserved
Associated Lab Samples: 40168111011, 40168111012

METHOD BLANK: 1685762 Matrix: Water
Associated Lab Samples: 40168111011, 40168111012

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|------------------------|-------|--------------|-----------------|----------------|------------|
| Nitrogen, NO2 plus NO3 | mg/L | <0.095 | 0.25 | 05/08/18 12:22 | |

LABORATORY CONTROL SAMPLE: 1685763

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|------------------------|-------|-------------|------------|-----------|--------------|------------|
| Nitrogen, NO2 plus NO3 | mg/L | 2.5 | 2.4 | 98 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1685764 1685765

| Parameter | Units | 40168106009 | | 1685765 | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual | |
|------------------------|-------|-------------|-----------------|-----------|-----------------|----------|-----------|--------------|--------|---------|------|--|
| | | MS Result | MSD Spike Conc. | MS Result | MSD Spike Conc. | | | | | | | |
| Nitrogen, NO2 plus NO3 | mg/L | 1.9 | 2.5 | 2.5 | 4.3 | 4.3 | 99 | 99 | 90-110 | 0 | 20 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1685766 1685767

| Parameter | Units | 40168308003 | | 1685767 | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual | |
|------------------------|-------|-------------|-----------------|-----------|-----------------|----------|-----------|--------------|--------|---------|------|--|
| | | MS Result | MSD Spike Conc. | MS Result | MSD Spike Conc. | | | | | | | |
| Nitrogen, NO2 plus NO3 | mg/L | 11.9 | 12.5 | 12.5 | 24.2 | 24.1 | 98 | 97 | 90-110 | 0 | 20 | |

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QUALITY CONTROL DATA

Project: 1690004905 FORMER EXPRESS CLEA
Pace Project No.: 40168111

QC Batch: 287479 Analysis Method: SM 5310C
QC Batch Method: SM 5310C Analysis Description: 5310C Total Organic Carbon
Associated Lab Samples: 40168111011, 40168111012

METHOD BLANK: 1682015 Matrix: Water
Associated Lab Samples: 40168111011, 40168111012

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|----------------------|-------|--------------|-----------------|----------------|------------|
| Total Organic Carbon | mg/L | <0.25 | 0.84 | 05/02/18 10:42 | |

LABORATORY CONTROL SAMPLE: 1682016

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|----------------------|-------|-------------|------------|-----------|--------------|------------|
| Total Organic Carbon | mg/L | 2.5 | 2.4 | 95 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1682017 1682018

| Parameter | Units | 10428976001 Result | MS | | MSD | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|----------------------|-------|--------------------|-------------|----------|-------------|-----------|----------|-----------|--------------|-----|---------|------|
| | | | Spike Conc. | MS Conc. | Spike Conc. | MSD Conc. | | | | | | |
| Total Organic Carbon | mg/L | 2.0 | 1 | 1 | 3.1 | 3.1 | 112 | 115 | 80-120 | 1 | 10 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1682019 1682020

| Parameter | Units | 40167995001 Result | MS | | MSD | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|----------------------|-------|--------------------|-------------|----------|-------------|-----------|----------|-----------|--------------|-----|---------|------|
| | | | Spike Conc. | MS Conc. | Spike Conc. | MSD Conc. | | | | | | |
| Total Organic Carbon | mg/L | 10 | 6 | 6 | 16.2 | 16.3 | 103 | 105 | 80-120 | 1 | 10 | |

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

PASI-M Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

H6 Analysis initiated outside of the 15 minute EPA required holding time.

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

N2 The lab does not hold NELAC/TNI accreditation for this parameter.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1690004905 FORMER EXPRESS CLEA

Pace Project No.: 40168111

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|------------|--------------------|----------|-------------------|------------------|
| 40168111011 | MW-3R | EPA 8015B Modified | 287456 | | |
| 40168111012 | MW-8 | EPA 8015B Modified | 287456 | | |
| 40168111011 | MW-3R | SM 3500-Fe B | 536710 | | |
| 40168111012 | MW-8 | SM 3500-Fe B | 536710 | | |
| 40168111011 | MW-3R | EPA 3020 | 534934 | EPA 6020A | 535671 |
| 40168111012 | MW-8 | EPA 3020 | 534934 | EPA 6020A | 535671 |
| 40168111001 | MW-15 | EPA 8260 | 287197 | | |
| 40168111002 | MW-13 | EPA 8260 | 287197 | | |
| 40168111003 | MW-6 | EPA 8260 | 287197 | | |
| 40168111004 | MW-12 | EPA 8260 | 287197 | | |
| 40168111005 | MW-9 | EPA 8260 | 287197 | | |
| 40168111006 | MW-9 DUP | EPA 8260 | 287197 | | |
| 40168111007 | PZ-1 | EPA 8260 | 287197 | | |
| 40168111008 | MW-1 | EPA 8260 | 287197 | | |
| 40168111009 | MW-1 DUP | EPA 8260 | 287197 | | |
| 40168111010 | MW-16 | EPA 8260 | 287197 | | |
| 40168111011 | MW-3R | EPA 8260 | 287197 | | |
| 40168111012 | MW-8 | EPA 8260 | 287197 | | |
| 40168111013 | TRIP BLANK | EPA 8260 | 287197 | | |
| 40168111011 | MW-3R | EPA 300.0 | 287522 | | |
| 40168111012 | MW-8 | EPA 300.0 | 287557 | | |
| 40168111011 | MW-3R | SM 3500-Fe B | 535090 | | |
| 40168111012 | MW-8 | SM 3500-Fe B | 535090 | | |
| 40168111012 | MW-8 | SM 3500-Fe B | 536921 | | |
| 40168111011 | MW-3R | EPA 353.2 | 288099 | | |
| 40168111012 | MW-8 | EPA 353.2 | 288099 | | |
| 40168111011 | MW-3R | SM 5310C | 287479 | | |
| 40168111012 | MW-8 | SM 5310C | 287479 | | |

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: **Rainbow**
 Branch/Location: **Brownfield, US**
 Project Contact: **Scott Turmann**
 Phone: **702-901-0093**
 Project Number: **1690004905**
 Project Name: **Former Express Closures**
 Project State: **US**
 Sampled By (Print): **Tyler Burgett**
 Sampled By (Sign): *Tyler Burgett*
 PO #: _____
 Regulatory Program: _____



CHAIN OF CUSTODY

www.pacedata.com
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

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

Page 1 of 1

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

| Y/N | Pick Letter | Filtered? (YES/NO) | Preservation (CODE) |
|-----|-------------|--------------------|---------------------|
| N | B | | |
| N | B | | |
| N | C | | |
| N | A | | |
| N | C | | |
| N | D | | |
| Y | B | | |

| Analyses Requested |
|-----------------------|
| VOCs |
| Methane/Ethane/Ethene |
| TOC |
| Sulfate |
| Nitrate + Nitrite |
| Total Fe |
| Ferrous Fe |

| PAGE LAB # | CLIENT FIELD ID | DATE | TIME | MATRIX |
|------------|-----------------|---------|------|--------|
| 001 | MW-15 | 4/14/16 | 1305 | GW |
| 002 | MW-13 | | 1310 | |
| 003 | MW-6 | | 1405 | |
| 004 | MW-12 | | 1500 | |
| 005 | MW-9 | | 1550 | |
| 006 | MW-9 | | 1550 | |
| 007 | P2-1 | 4/15/16 | 1005 | |
| 008 | MW-1 | | 1105 | |
| 009 | MW-1 | | 1105 | |
| 010 | MW-16 | | 1210 | |
| 011 | MW-3R | | 1330 | |
| 012 | MW-8 | | 1435 | |
| 013 | TRIP Blank | | | |

Relinquished By: *Tyler Burgett* Date/Time: *4/14/16 10:43*
 Relinquished By: *Scott Turmann* Date/Time: *4/20/16 1350*
 Relinquished By: *Scott Turmann* Date/Time: *4/20/16 1750*
 Relinquished By: *Scott Turmann* Date/Time: *4/20/16 1915*

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

Quote #: _____
 Mail To Contact: _____
 Mail To Company: _____
 Mail To Address: _____
 Invoice To Contact: _____
 Invoice To Company: _____
 Invoice To Address: _____
 Invoice To Phone: _____
 CLIENT COMMENTS: _____
 LAB COMMENTS (Lab Use Only): _____
 Profile #: _____

PAGE Project No. **40165111**
 Receipt Temp = **20.2** °C
 Sample Receipt pH **OK / Adjusted**
 Cooler Custody Seal Present / Not Present
 Intract / Not Intract

Sample Preservation Receipt Form

Client Name: Rumbos

Project # 40168111

All containers needing preservation have been checked and noted below: Yes No N/A
 Lab Lot# of pH paper: 1045 4771 Lab Sid #ID of preservation (if pH adjusted):

Initial when completed: PS Date/ Time:

Pace Analytical Services, LLC
 1241 Bellevue Street, Suite 209
 Green Bay, WI 54302

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

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

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



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

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

Sample Condition Upon Receipt Form (SCUR)

Project #: _____

Client Name: Ramboll

WO#: **40168111**

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



Tracking #: _____

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

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

Packing Material: Bubble Wrap Bubble Bags None Other _____

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

Cooler Temperature Uncorr: ROP ICorr: _____

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

Person examining contents:
Date: 4/26/18
Initials: DS

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

| | | |
|--|--|--|
| Chain of Custody Present: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 1. |
| Chain of Custody Filled Out: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 2. |
| Chain of Custody Relinquished: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 3. |
| Sampler Name & Signature on COC: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 4. |
| Samples Arrived within Hold Time: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 5. |
| - VOA Samples frozen upon receipt | <input type="checkbox"/> Yes <input type="checkbox"/> No | Date/Time: _____ |
| Short Hold Time Analysis (<72hr): | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 6. |
| Rush Turn Around Time Requested: | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 7. |
| Sufficient Volume: | | 8. |
| For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | | |
| Correct Containers Used: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 9. |
| -Pace Containers Used: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | |
| -Pace IR Containers Used: | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| Containers Intact: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 10. <u>012 - 1 vial empty sent 4/26/18</u> |
| Filtered volume received for Dissolved tests | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 11. |
| Sample Labels match COC: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 12. |
| -Includes date/time/ID/Analysis Matrix: <u>W</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): _____ | | |

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____

Date: 4/27/18