



Gannett Fleming

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September 28, 2017

File # 55929.003

Ms. Mae Willkom, Hydrogeologist
Bureau of Remediation and Redevelopment
Wisconsin Department of Natural Resources, WCR
1300 West Clairemont Avenue
P.O. Box 4001
Eau Claire, WI 54702-4001

Re: **Semiannual Operations & Maintenance Report**
January – July 2017
WRR Environmental Services

WDNR BRRTS No. 02-18-000274

WDNR FID No. 618 026 530

EPA ID No. WID 990 829 475

Dear Ms. Willkom:

This Operations & Maintenance (O&M) report summarizes the groundwater monitoring and remedial activities that occurred at the WRR Environmental Services Co. Inc. facility in Eau Claire during the period January through July 2017. Figure 1 is a site location map.

See Gannett Fleming's April 2013 *Corrective Action Plan (CAP)* for a detailed summary of remedial and monitoring activities through March 2013, our June 2014 *Evaluation of Corrective Measures and Plan of Activities* report for an evaluation and summary of remedial and monitoring activities through March 2014, and our February 13, 2017, *Semiannual Groundwater O&M Report* for a summary of remedial and monitoring activities through December 2016.

Submittal of this report is required by WRR's RCRA license.

Executive Summary

The following summarizes the monitoring and remediation work completed during this reporting period:

- Volatile organic compounds (VOCs) are currently removed from the groundwater by the operation of recovery wells RW-2, RW-4, RW-6 through RW-11, and WRR's production well.

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Collectively, seven or more of the wells comprising the “groundwater remediation system” operated continuously during this reporting period.

- **In total, approximately 6.37 million gallons of water containing 1,130 lbs of VOCs were pumped from the recovery wells and production well during this reporting period.** Of that total, the largest mass of VOCs was removed by RW-10 (1,016 lbs) and RW-11 (71.5 lbs), followed by the WRR production well (17.5 lbs), RW-6 (12.2 lbs), and RW-7 (6 lbs). Additionally, an estimated 7 lbs of VOCs were removed by the combined pumping of wells RW-2, RW-4, RW-8, and RW-9 during this reporting period.
- Dual-phase extraction (DPE) wells RW-10 and RW-11, which were connected to the soil vapor extraction (SVE) blower, removed VOCs from the soil and soil gas. The SVE system connected to RW-10 and RW-11 began operating on September 13 and July 6, 2016, respectively. Through July 2017, approximately 4,642 lbs of VOCs were removed from RW-10 and RW-11 by SVE. Of that total, approximately 1,042 lbs of VOCs were removed during this reporting period.
- With the exception below, all pumped groundwater, except from RW-11 and the production well, was directed to the TurboStripper to remove VOCs before being discharged to the aerated reservoir. The treated water from the aerated reservoir is then discharged to an adsorption pond southwest of the facility.
- Discharge samples from the aerated reservoir (outfall 002) were collected on a bi-monthly basis, and the concentrations of all compounds were below limits in WRR’s WPDES permit. The results of discharge samples are submitted to the Wisconsin Department of Natural Resources (WDNR) per WRR’s WPDES permit.
- Groundwater samples were collected from the on-site wells and the wells located in the Lowes Creek Park in May 2017. All groundwater samples were analyzed for VOCs. With a few exceptions, mostly in off-site wells screened in the mid-depth aquifer, VOC concentrations measured in the groundwater samples collected from on- and off-site wells in May 2017 exhibited a stable or decreasing trend when compared to previous VOC concentrations.
- Additional groundwater samples were collected from wells W-32 and W-33 in May 2017 and analyzed for total organic carbon, alkalinity, nitrate, sulfate, and dissolved iron and manganese to determine the aquifer’s ability for supporting the microbes that facilitate reductive dechlorination of chlorinated compounds in the groundwater. Based on the analytical results of those samples and the in-situ measurement of dissolved oxygen (DO), pH, conductivity, temperature, and oxidation-reduction potential (ORP), the aquifer in that area would be conducive to reductive dechlorination with additional amendments to promote favorable conditions.

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- Water samples were collected from private off-site wells PW-11 and PW-16 in May 2017, and no VOCs were detected in those samples.
- One groundwater monitoring well (W-34), two SVE wells (SVE-4 and SVE-5), and two mid-depth recovery wells (RW-12 and RW-13) were installed during the week of July 31st. Copies of the monitoring well construction and development forms for W-34, RW-12, and RW-13 were submitted to the WDNR on August 15th.
- Pilot tests were conducted on August 2nd through 4th on the SVE and recovery wells; the results of the pilot tests will be included in a separate report.
- Groundwater samples were collected from W-34, RW-12, and RW-13, and exhaust samples were collected from SVE-4 and SVE-5 after the pilot tests were concluded. The analytical results of the groundwater samples are discussed in this report; however, the results of SVE exhaust samples will be included with a separate report summarizing the SVE pilot test results.

This report provides a summary of the results of the May 2017 groundwater sampling activities and the operation of the recovery wells and groundwater treatment system through July 2017.

Groundwater Remediation Background

Prior to November 2014, groundwater remediation consisted of planting approximately 2,700 trees to remove VOCs from shallow groundwater south and west of the WRR facility, the installation and operation of three AI/SVE systems, and the installation and operation of nine groundwater recovery wells (RW-1 through RW-9). Figure 2 is an aerial map and shows the WRR property boundary and Lowes Creek County Park west of the WRR facility where the trees were planted as part of the phytoremediation of the groundwater. Figure 3 shows the locations of recovery wells RW-1 through RW-9 and on- and off-site monitoring wells. Figure 4 is a site plan and shows the locations of the northern, middle and southern AI/SVE systems. See Gannett Fleming's April 2013 CAP for a summary of the phytoremediation and AI/SVE systems and Gannett Fleming's February 13, 2017, *Semi-Annual Groundwater Operations and Maintenance Report* for a summary of remedial activities through December 2016.

A summary of the groundwater recovery wells and treatment system is provided below.

Pumping from recovery well RW-1 was never done because of low yield and low VOC concentrations in the groundwater in the area where it was located. Recovery well RW-3 operated intermittently from 1997 through 2003 when it was turned off due to a low yield. In 2014 a deeper recovery well (RW-10) was installed next to RW-3 to replace it and remove the high concentrations of VOCs that were measured in the groundwater in that area in 2013-2014.

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RW-5 operated from 1985 through 2007, when its aboveground piping was damaged in a fire. An air injection and soil vapor extraction (AI/SVE) system was installed next to RW-5 in 2006 to remove the light non-aqueous phase liquid (LNAPL) floating on the groundwater, using RW-5 as the SVE well. The AI/SVE system that used RW-5 operated intermittently from August 2006 until February 2013 and has been off since then. With the exception of vinyl chloride, the concentrations of VOCs in groundwater samples collected from RW-5 since May 2011 have all been below the NR 140 enforcement standards (ES). Concentrations of vinyl chloride in RW-5 have slowly increased from below the method detection limit (less than 0.15 parts per billion or ppb) to 29.3 ppb measured in the most recent sample collected in October 2016. Because the AI/SVE system had successfully reduced VOCs concentration in that area, RW-5 has remained off and will not be restarted unless VOC concentrations in the groundwater in that area significantly increase.

Pumping of groundwater began in November 1985, with recovery well RW-5 being the first well brought on line and other wells being brought on line later. In the fall of 1997, recovery wells RW-8 and RW-9 were installed. Pumping from wells RW-2 through RW-5, RW-8, and RW-9 began again in late 1997. Available records are incomplete, but recovery wells RW-2 through RW-9 appear to have pumped continuously, with some minor downtime, from January 1998 through December 2003. No pumping data are available for the time period between January 2004 and December 2006. There was some minor pumping of groundwater between January and June 2007 when a fire shut down the operation of the recovery wells. No groundwater pumping occurred between June 2007 and July 2012.

Based on available records, approximately 42.5 million gallons of groundwater containing 89,000 lbs of VOCs were pumped from the nine recovery wells through June 2007. See Gannett Fleming's April 2013 CAP for a more detailed description of the previous groundwater remedial activities and the mass of VOCs removed by wells RW-2 through RW-9.

Pumping of impacted groundwater resumed on July 20, 2012, with RW-7 being the first well brought back on line. After being off since the facility fire in 2007, recovery well RW-6 was restarted on October 28, 2013, RW-8 and RW-9 were restarted on May 23, 2014, and RW-2 and RW-4 were restarted on July 23, 2015. Recovery wells RW-10 and RW-11 were installed in December 2014 and were started on July 24 and May 15, 2015, respectively.

Between July 20, 2012, and January 21, 2013, the water pumped from RW-7 was treated with an air stripper and then discharged to a sump where it mixed with storm water, non-contact cooling water, and boiler blowdown water before being directed to the 360,000-gallon aerated reservoir.

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WRR requested and received WDNR approval to direct the water pumped from the recovery wells directly into the 360,000-gallon aerated reservoir without first passing through the air stripper. The air stripper was turned off on January 21, 2013, but then restarted on October 21, 2014, due to increasing VOC concentrations in the water pumped from RW-7 and the other recovery wells that were turned on during that time period. Since October 2014, water pumped from all recovery wells, except RW-11, is treated by the Turbostripper before being discharged to the aeration reservoir. The water pumped from RW-11 and the production well is used as process water for the facility before being discharged directly to the aeration reservoir. Water in the reservoir is discharged to the adsorption pond located just south of the WRR facility.

The WDNR reissued WPDES permit No. WI-00587 18-04-0 to WRR on November 27, 2012, authorizing discharge from the aerated reservoir for the time period January 1, 2013, through December 31, 2017. Discharge samples from the aerated reservoir (outfall 002) are collected on a bi-monthly basis, and the concentrations of all compounds have all been below limits in the WPDES permit. The results of discharge samples are submitted to the WDNR per WRR's WPDES permit.

Activities Completed During Recent Reporting Period

The following activities were completed from January 1 through July 31, 2017. See Gannett Fleming's February 13, 2017, *Semi-Annual Groundwater Operations and Maintenance* Report for a summary of the sampling and remedial activities through December 2016.

Private Well Sampling

Water samples were collected from private wells PW-11 and PW-16 in May 2017. No VOCs were detected in either sample. Letters with copies of the laboratory reports for the May 2017 samples were sent to the property owners and WDNR in June 2017. Figure 5 shows the locations of the private wells that have been sampled as part of the groundwater monitoring program at WRR.

Groundwater Remediation System Operation (January through July 2017)

Recovery wells RW-1, RW-3, and RW-5, which have not operated since 2007, were not pumped during this reporting period. With the exceptions noted below, recovery wells RW-2, RW-4, and RW-6 through RW-11 and the production well operated continuously with minor downtime for repairs or maintenance.

The production well and all recovery wells were also turned off from December 30, 2016, through January 2, 2017, when the plant was shut down for the holidays.

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- Recovery well RW-4 was out-of-service on February 18 and 19, and from February 24 through 28 because the pump needed to be rebuilt.
- No water has been pumped from Recovery well RW-6 since June 6 due to a malfunctioning pump. RW-6 is adjacent to the adsorption pond that receives the water discharged from the aeration reservoir. Due to heavy precipitation events in June and July, the area where RW-6 is located has been under water most of June and July, preventing access of the equipment necessary to pull and repair/replace the pump. The pump for RW-6 will be repaired or replaced as soon as conditions allow.
- Recovery well RW-7 was out of service from January 23 through 25 because the piping connecting it to the remediation system needed to be cleaned and repaired.
- Recovery well RW-10 was out of service from February 27 through March 6 because of scale and sludge buildup in the well that needed to be removed.
- RW-11 was not pumped on March 6 or 7.

Below is a summary of the pumping activities for each of the recovery wells and the production well during this reporting period.

Recovery Wells RW-2, RW-4, RW-8 and RW-9

Recovery wells RW-2, RW-4, RW-8, and RW-9 operated continuously during this reporting period except for minor downtime for repairs and maintenance. These four wells share a common flow meter with RW-10. RW-10 also has a separate flowmeter at its well head, and the volume of water pumped by RW-10 is subtracted from the combined flowmeter reading to determine the volume of water pumped by RW-2, RW-4, RW-8, and RW-9.

From January 1 through July 31, RW-2, RW-4, RW-8, and RW-9 collectively pumped about 508,700 gallons of water at an average flow rate that ranged from 0.2 to 6.3 gallons per minute (gpm), with the highest pumping total observed during July. Heavy precipitation events in July raised the water table beneath the site and caused flooding in the area of the absorption pond that receives the discharge from the aeration reservoir. We believe that the higher pumping rate in July was likely due to higher pumping rates of wells RW-8 and RW-9 located adjacent to the absorption pond. No samples were collected from these wells during this reporting period.

Table 1 presents the summary of VOCs detected in groundwater samples collected from RW-2, RW-4, RW-8, and RW-9 between June 2013 and October 2016, the most recent round of samples

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collected from these wells. The mass of VOCs measured in the sample collected on October 6, 2016, was used to determine the mass of VOCs removed by these wells through July 31, 2017, just before the flowmeter started malfunctioning. Using the VOC concentrations measured in October 2016 and the total volume of water pumped through July 31, the mass of VOCs removed by the combined pumping of these wells from January 1 to July 31 is estimated to be 7 lbs.

Table 2 presents the approximate volume of water and mass of VOCs removed by RW-2, RW-4, RW-8, and RW-9 through May 31, 2017. The total mass of VOCs removed by these wells through July 2017 was approximately 16 lbs.

Recovery Well RW-6

With the exception of June and July, RW-6 operated continuously during this reporting period. The pump for RW-6 was turned off on June 6 due to a very low flow rate, and its pump is scheduled to be replaced. When operating, recovery well RW-6 pumped at flow rates of 0.9 to 1.6 gpm during this reporting period. Through June 6, 2017, RW-6 has pumped approximately 17.97 million gallons of water and removed approximately 32,038 lbs of VOCs. Of that total, approximately 269,870 gallons of water containing 12.2 lbs of VOCs were removed from January 1 through June 6. Table 3 presents the summary of VOCs detected in groundwater samples collected from RW-6 since it was restarted in October 2013 through June 2017. Table 4 presents the approximate volume of water and mass of VOCs removed by RW-6 since it was originally started in May 1989.

Recovery Well RW-7

Recovery well RW-7 operated continuously at a flow rate of 3.1 to 3.7 gpm during this reporting period. Through July 31, 2017, RW-7 has pumped approximately 33.9 million gallons of water and removed approximately 20,804 lbs of VOCs. Of that total, approximately 1,018,530 gallons of water containing 6 lbs of VOCs were removed during this reporting period. Table 5 presents the summary of VOCs measured in groundwater samples collected from RW-7 since it was restarted in July 2012 through July 2017. Table 6 presents the approximate volume of water and mass of VOCs removed by RW-7 since it was originally started in October 1990.

Recovery Well RW-10

RW-10 operated continuously at a flow rate of 2.1 to 3.7 gpm during this reporting period. Since it began pumping in July 2015, about 2.6 million gallons of water have been pumped from RW-10, containing approximately 3,050 lbs of VOCs. Table 7 presents the summary of VOCs measured in the groundwater samples collected from RW-10 between December 2014, when it

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was installed, and July 11, 2017, when the last sample was collected during this reporting period. Table 8 presents the approximate volume of water and mass of VOCs removed by RW-10 since it was started on July 24, 2015, through July 11, 2017. During this reporting period, RW-10 pumped approximately 833,190 gallons containing about 1,016 lbs of VOCs.

Recovery Well RW-11

Recovery well RW-11 operated continuously at a flow rate of 1.0 to 1.6 gpm during this reporting period. Through July 31, 2017, RW-11 pumped about 1.26 million gallons of water containing approximately 210 lbs of VOCs. Of that total, approximately 469,850 gallons of water containing 71.5 lbs of VOCs were removed during this reporting period. Table 9 presents the summary of VOCs measured in groundwater samples collected from RW-11 from December 2014 and July 2017. Table 10 presents the approximate volume of water and mass of VOCs removed by RW-11 since it was started on May 15, 2015.

Production Well

The production well for WRR was pumped as needed every day at an average flow rate of 12 to 14.9 gpm based on the daily flow totals during this reporting period. However, the production well is pumped at variable rates on an as-needed basis, with significant periods when it is off, so the flow rate when it is pumping is generally higher than 14.9 gpm. During periods of peak demand, the production well pumps at 60 gpm.

Between March 2012, when WRR began recording the volume of water pumped from the production well, and July 2017, approximately 40.8 million gallons of water containing approximately 1,265 lbs of VOCs were pumped. Of that total, approximately 4.15 million gallons of water containing 17.5 lbs of VOCs were pumped during this reporting period. Table 11 presents a summary of VOCs detected in water samples collected from the production well from May 2011 through July 2017. Table 12 presents the approximate volume of water and mass of VOCs removed by the production well since March 2012.

Copies of the laboratory reports for water samples collected from the recovery wells and WRR's production well during this reporting period are included with this report as Appendix A.

Air Injection and Soil Vapor Extraction Systems

The three AI/SVE systems, which were turned off with the approval of the WDNR on March 4, 2013, were not operational during this reporting period.

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The SVE blower was connected to DPE wells RW-11 and RW-10 on July 6 and September 13, 2016, respectively. SVE exhaust samples were collected on March 13, May 16, and June 30 during this reporting period. Table 13 lists the VOCs that were detected in one or more of the SVE exhaust samples during this reporting period. Based on the concentrations of VOCs measured in the exhaust samples, the SVE system removed approximately 4,642 lbs of VOCs between July 6, 2016, and June 30, 2017. Of that total, approximately 1,042 lbs of VOCs were removed during this reporting period. Table 14 presents the estimated air emissions of PCE and total VOCs from the SVE system connect to RW-10 and RW-11. Copies of the laboratory reports for the SVE exhaust samples collected during this reporting period are included with this report as Appendix B.

Appendix C contains the relevant pages of the WDNR's "Operation, Maintenance, Monitoring and Optimization Reporting of Soil and Groundwater Remediation Systems" Form 4400-194.

Groundwater Sampling (May 2017)

From May 16 through 18, 2017, WRR and Gannett Fleming measured groundwater elevations in and collected groundwater samples from on- and off-site wells. The May 2017 groundwater samples were collected as part of the semi-annual sampling rounds from wells listed on the groundwater sampling program in Table 15. The groundwater samples were submitted to Pace Analytical Services, Inc. of Green Bay, Wisconsin, and analyzed for VOCs using method 8260. Appendix D contains the laboratory reports, chain of custody records, and summaries of the VOCs that exceeded the NR 140 preventative action limits (PALs) and/or enforcement standards (ESs) for the May 2017 sampling event.

Semi-Annual Groundwater Monitoring Results

Table 16 presents the groundwater elevations measured in May 2017. Figures 5 through 7 of Gannett Fleming's June 2014 *Evaluation of Corrective Measures and Plan of Activities* show the groundwater contours in the shallow, mid-depth, and deep/bedrock aquifers based on elevations measured in June 2013. Based on the groundwater elevations measured in June 2013 and May 2017, the groundwater flow direction is to the west toward Lowes Creek, as shown on the figures referenced above. However, as shown on Figure 5 of the June 2014 report, there is a pronounced mounding effect caused by the discharge of treated water from the aerated reservoir to the absorption pond located off the southwest corner of the WRR facility. That mounding effect, combined with the pumping of groundwater from the on-site production well, creates a relatively steep downward vertical gradient on-site and prevents VOCs in the shallow aquifer from migrating off-site.

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In May 2017, the downward vertical gradient was measured between 0.04 and 0.38 in on-site well nests W-1/A/D, W-2/B/A, W-3/B/A, W-7/A, and W-31A/B. Not surprisingly, the steepest downward gradient on site was measured in the W-1/A/D well nest located between the aeration reservoir and the adsorption pond where water from the reservoir is discharged. Relatively steep downward vertical gradients ranging from 0.27 to 0.50 were also measured in off-site well nests W-17/-17A/-17B and W-18/-18A. The downward vertical gradient measured in the W-17 and W-18 well nests are likely partially influenced by the pumping of groundwater from recovery wells RW-6 and RW-7. The vertical gradient measured in off-site well nests near Lowes Creek was upward and ranged from 0.05 to 0.08 in MW-111/A/B and 0.006 to 0.014 in MW-113/A/B. The upward vertical gradients measured in well nests MW-111 and MW-113 are consistent with previously measured vertical gradients near Lowes Creek and indicate that groundwater is discharging to it. Table 17 presents the vertical gradients measured within each of the on- and off-site well nests based on elevations measured during the May 2017 sampling event.

Trends in Contaminant Concentrations

Tables prepared by WRR containing the analytical results of the May 2017 groundwater samples collected from monitoring wells, and previous results dating back to May 2009, are included with this report as Appendix E. As can be seen in the tables in Appendix E, there are three suites of compounds that have been detected in the groundwater at concentrations above their respective NR 140 enforcement standards (ES) – alcohols and ketones, chlorinated VOCs (CVOCs), and petroleum-related compounds (PRCs). With minor exceptions, the extent of these compounds measured in May 2017 in the groundwater at concentrations above their NR 140 ESs were similar to the extent measured during the previous year.

With minor exceptions, the concentrations of the compounds that have been measured in on-site wells at concentrations above their NR 140 ESs have been stable or decreasing due to the remedial activities that have been conducted over the past four years. Though not as pronounced, the concentrations of VOCs measured in off-site wells were also, generally speaking, stable or decreasing. Of the few off-site wells that exhibited an increasing trend in the VOCs during this reporting period, most are located within or downgradient of the capture zone of off-site recovery wells RW-6 and RW-7; therefore, the concentrations of VOCs in those off-site wells are expected to decrease as a result of the continued operation of the on- and off-site groundwater recovery wells. The most notable increases in VOC concentrations measured May 2017 are discussed below:

- The concentration of trichloroethylene (TCE) in W-1 increased from not being detected since May 2009 to 6.2 ppb. This was the first time that W-1 has contained any VOCs above the NR

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140 ES since October 1998, when it contained 11,000 ppb of acetone, 8,900 ppb of isopropyl alcohol (IPA), and 2,000 ppb of methyl ethyl ketone (MEK).

- Concentrations of toluene have increased significantly in mid-depth well W-19R over the last two years, while other VOCs have either decreased or remained stable. Toluene concentrations measured in W-19R increased from 4,290 ppb in June 2015 to 23,000 ppb in May 2017. W-19R is within the capture zone of RW-6, which also contained elevated concentrations of toluene (up to 5,800 ppb) during this reporting period.
- Concentrations of TCE in W-26 have increased over the last 3.5 years from 9.8 ppb in October 2013 to 39.7 ppb in May 2017. W-26 is a mid-depth well and unlikely to be affected by the current operation of RW-6 or RW-7.
- Concentrations of several compounds measured in W-6 in May 2017 were significantly higher than the concentrations of those compounds measured in June 2013, the most recent samples previously collected from W-6. Most notably, the concentration of cis-1,2-dichloroethylene (DCE) increased from 3.0 to 1,500 ppb between June 2013 and May 2017, while the concentration of vinyl chloride increased from 1.2 to 500 ppb during the same interval.
- Traces of toluene were measured in off-site mid-depth and deep wells W-30A (0.60 ppb) and W-30B (1.4 ppb), respectively. Toluene was the only compound measured in these samples in May 2017. Though the concentrations of toluene measured in those wells were far below its NR 140 PAL of 140 ppb, the concentrations measured in May 2017 were the highest concentrations of any VOC measured over the past 8 years.
- Concentrations of IPA increased in mid-depth well W-31A over the last 2 years from non-detect (<12,200 ppb) to 210,000 ppb measured in May 2017. The May 2017 concentrations of several other compounds were the highest measured in that well to date, including 1,2-dichloroethane (DCA at 340 ppb), chloroethane (2,320 ppb), MEK (44,800 ppb), methyl isobutyl ketone (MIBK at 16,900 ppb), and total xylenes (6,180 ppb).
- Concentrations of PCE (17 ppb) and TCE (16.5 ppb) measured in deep well W-31B were the highest measured in that well to date.
- Concentrations of 1,2-DCA (67.7 ppb), benzene (12.1 ppb), chloroethane (761 ppb), toluene (109 ppb) and vinyl chloride (1.7 ppb) measured in off-site well MW-111A were the highest concentrations of those compounds measured in that well to date.

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- Concentrations of PCE (23 ppb) and TCE (5.1 ppb) measured in MW-114A were the highest concentrations of those compounds since it was first sampled in May 2010.
- The concentrations of 1,1-DCE (37 ppb), cis-1,2-DCE (588 ppb), TCE (38.8 ppb), and vinyl chloride (61.5 ppb) measured in deep well MW-115B were the highest measured since it was first sampled in May 2010. May 2017 was the first time those compounds were measured in MW-115B at concentrations above their NR 140 ES.

Wells W-31A and W-31B are located by the production well, the operation of which is pulling VOCs lower into the aquifer. During the week of July 31, two mid-depth recovery wells (RW-12 and RW-13) were installed onsite. RW-12 is located approximately 25 feet south of the W-31A&B well nest (about 65 feet south of the production well), and RW-13 is located near the aeration reservoir in the southwestern corner of the property. Figures 3 and 4 show the locations of those recovery wells. WRR is connecting those wells to the groundwater remediation system, and we expect that VOC concentrations in W-19R, W-26, W-30A, W-30B, W-31A, W-31B, W111-B, MW-114A, and MW-115B will decrease after those mid-depth recovery wells become operational.

Despite the increase in VOC concentrations mentioned above, most of which were observed in mid-depth or deep off-site wells, VOC concentrations in the on-site and off-site groundwater have been generally stable or decreasing since groundwater recovery activities resumed in July 2012. Below is a list of wells that did not contain any VOCs at concentrations above their NR 140 ESs in the most recent sample collected. Listed next to each well is the most recent date that a VOC was detected in that well at a concentration above its NR 140 ES and the compound(s) and concentration(s) that were measured on that date.

- W-2A – May 2010 – PCE (8.1 ppb)
- W-5 – May 2014 – Methylene chloride (29.6 ppb) and vinyl chloride (0.50 ppb)
- W-18 – June 2015 – Vinyl chloride (0.28 ppb)
- W-28 – October 2013 – Vinyl chloride (2.5 ppb)
- W-29 – May 2009 – 1,2-Dichloroethane (7.7 ppb)
- MW-114 – October 2010 – Vinyl chloride (0.29 ppb)
- The WRR production well – October 2014 – Methylene chloride at 13.6 ppb and IPA at 4,140 ppb, above its Health Advisory Limit of 3,000 ppb.

Additionally, the concentrations of VOCs measured in TW-1 in May 2017 were less than twenty percent of their concentrations measured in October 2013. TW-1 is located next to the former location of the underground storage tank (UST) that likely was the primary source of PRCs detected in the on- and off-site groundwater. Recovery well RW-11 is approximately 6 feet from

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TW-1 and has been operating since May 15, 2015. Through July 2017, pumping from RW-11 has removed about 1.26 million gallons of water containing 210 lbs of VOCs. We believe the operation of RW-11 has significantly contributed to the decrease in VOC concentrations measured in TW-1 and wells W-1A, W-5, and W-7 over the past two years.

Appendix E presents a table listing the concentrations of VOCs measured in May 2017 and previous samples collected from the on- and off-site monitoring wells dating back to May 2009.

Extent of Contamination

Figure 6 lists the CVOCs measured at concentrations greater than their NR 140 ESs in the shallow groundwater samples collected on site from September 2013 through May 2017. Figures 7 through 9 show the estimated off-site extent of CVOCs in the shallow, mid-depth, and deep/bedrock aquifers, respectively. As shown on Figures 6 and 7, the relatively high concentrations of CVOCs measured in the shallow aquifer on site do not extend very far off site (less than 125 feet). However, CVOCs in the groundwater at concentrations above their NR 140 ESs in the mid-depth and deep aquifers extend to Lowes Creek, as shown on Figures 8 and 9. Note that the relatively large area of CVOCs at concentrations above the NR 140 ESs shown on Figures 8 and 9 is primarily due to the relatively low NR 140 ES for vinyl chloride (0.2 ppb). Removing vinyl chloride significantly reduces the size of the area with CVOCs at concentrations above NR 140 ESs, though elevated concentrations of several other CVOCs have historically been measured in off-site mid-depth well, MW-115, and deep wells, W-17A and MW-115A.

Figures 10 through 12 show the estimated extent of alcohols and ketones at concentrations above their NR 140 ESs in the shallow and mid-depth aquifers based on sample results measured in groundwater samples collected from Geoprobe borings from September 2013 through September 2014 and groundwater samples collected from monitoring wells from May 2014 through May 2017. As shown on Figures 10 through 12, the relatively high concentrations of IPA and ketones measured in the shallow aquifer do not extend over 200 feet off site, and the operation of recovery well RW-6 is capturing most, if not all, of the IPA and ketones in the mid-depth aquifer.

The groundwater samples collected from the new, mid-depth recovery wells RW-12 and RW-13 after they were developed on August 4 contained elevated concentrations of IPA (up to 163,000 ppb) and ketones (up to 95,900 ppb). Table 18 presents a summary of the compounds and their concentrations detected in the groundwater samples collected from RW-12 and RW-13. Those recovery wells are located in the heart of the IPA and ketone plume and are expected to significantly reduce, if not eliminate, the off-site migration of IPA, ketones, and other VOCs in the mid-depth aquifer after they begin operating.

Ms. Mae Willkom, Hydrogeologist
Wisconsin Department of Natural Resources, WCR
September 28, 2017

-14-

No ketones or alcohol were measured at concentrations above their NR 140 ESs in groundwater samples collected from wells screened in the deep/bedrock aquifer in May 2017, so a map showing their extent in the deep/bedrock aquifer was not prepared for this report.

Figures 13, 14, and 15 show the estimated extent of PRCs at concentrations above the NR 140 ESs in the shallow, mid-depth, and deep aquifers, respectively, based on concentrations measured in groundwater samples collected from Geoprobe borings from September 2013 through September 2016 and groundwater samples collected from monitoring wells in May 2017. Similar to the other suites of VOCs, the elevated concentrations of PRCs measured in wells screened in the shallow aquifer on site do not extend very far off site, likely because they are captured by the collective pumping of recovery wells RW-6 through RW-9, RW-11, and the production well. In addition, the mounding effect that the discharge of treated water from the aerated reservoir creates under the southwestern portion of the site helps to keep the VOCs in the shallow aquifer from migrating off site. However, PRC in the mid-depth aquifer extends to Lowes Creek, as shown on Figure 14. As with the IPA and ketone plume, we believe that the PRC plume in the mid-depth aquifer will be captured by the operation of RW-12 and RW-13 after they begin pumping.

Based on the groundwater elevations, VOC concentrations and vertical gradients measured in the MW-111 and MW-113 wells nests east and west of Lowes Creek, we believe that the VOC plume from WRR discharges to Lowes Creek, as discussed in the Conceptual Site Model section of Gannett Fleming's June 2014 *Evaluation of Corrective Measures and Plan of Activities* report.

Future Activities and Schedules

The following activities are scheduled during the next reporting period:

- Continue to operate recovery wells RW-2, RW-4, and RW-6 through RW-11. Recovery wells RW-12 and RW-13 will be connected to the groundwater treatment system and become operational. Samples will be collected from each of the operating recovery wells on a monthly or quarterly basis, as appropriate, to document the mass of VOCs being removed by each well.
- Well SVE-4 will be connected to the SVE system and become operational. Well SVE-5 will be vented using a portable blower. Exhaust samples will be collected from both wells to monitor their VOC emissions. The analytical results of the exhaust samples will be included in the next O&M report.
- The existing three AI/SVE systems will remain off.

Gannett Fleming

Ms. Mae Willkom, Hydrogeologist
Wisconsin Department of Natural Resources, WCR
September 28, 2017


-15-

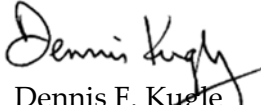
- Groundwater samples will be collected in the fall of 2017 from the on- and off-site wells listed in Table 15.
- The pumping rates of RW-2, RW-4, and RW-6 through RW-13 will be monitored by WRR, and any repairs or other maintenance activities will be conducted, as necessary, to keep them operating at their maximum efficiencies.
- Bi-monthly samples will be collected from Outfall 002 (aerated reservoir discharge) as required by WPDES Permit and reported to the WDNR.
- All water samples will be submitted to a Wisconsin-certified laboratory for analysis of VOCs using EPA Method 8260B.

The next O&M report will include the fall 2017 sampling results and remedial activities conducted through February 2018. To keep with the current schedule of reporting, that report will be sent to the WDNR by April 15, 2018. In the meantime, please call if you have any questions or need additional information.

Sincerely,

GANNETT FLEMING, INC.

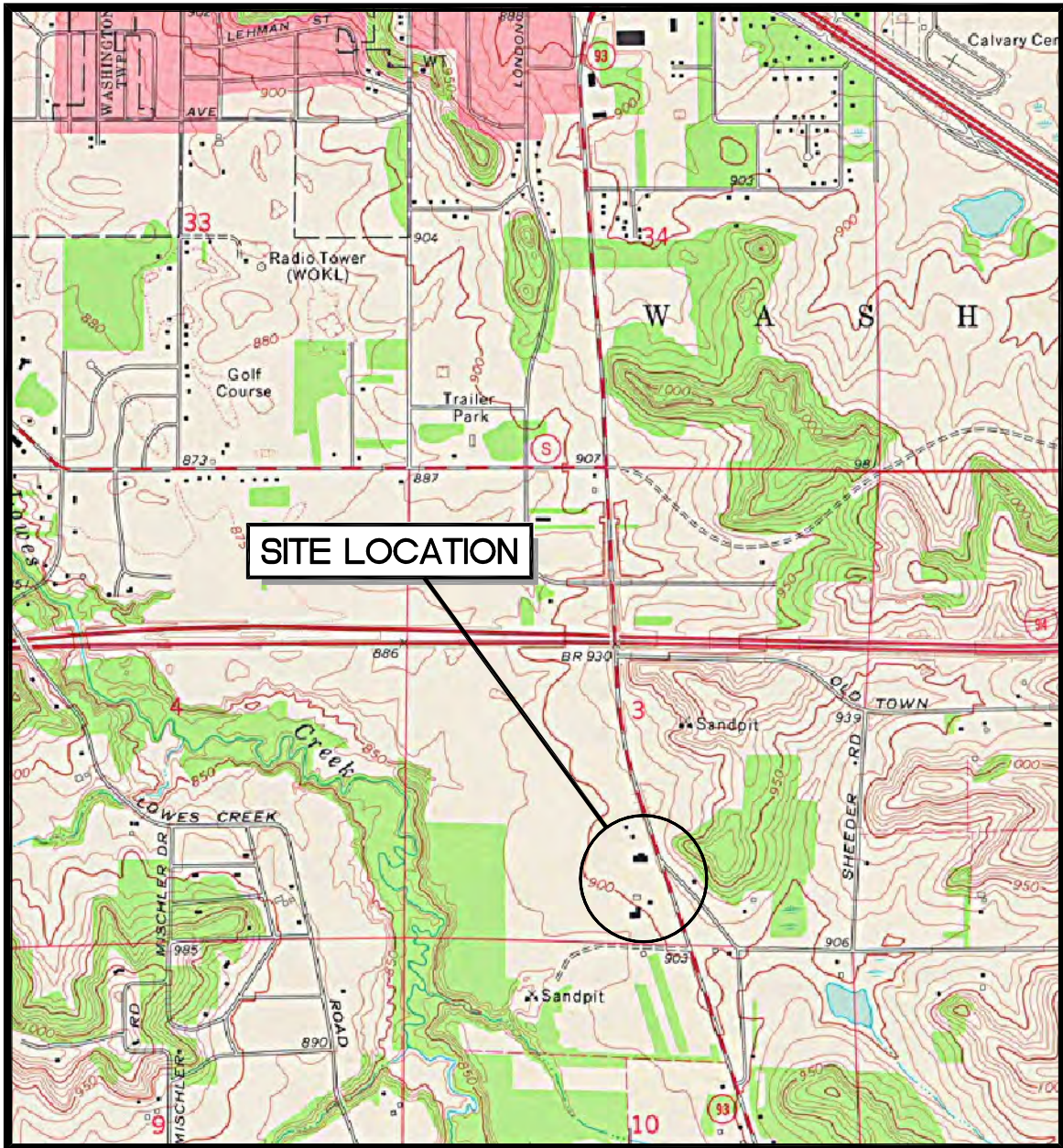

Anthony W. Miller, P.S.S.
Project Hydrogeologist


Dennis F. Kugle
Senior Project Manager

AWM/jec

Enc.

Ecc: Jim Hager, Bob Fuller, Becky Anderson (WRR)
Mike Ellenbecker (WDNR – Waste and Materials Management Specialist)



APPROX. SCALE: 1 INCH = 2,150 FEET

7.5 MIN TOPOGRAPHIC MAP
EAU CLAIRE EAST, WISCONSIN
1972



LOCATION MAP

WRR ENVIRONMENTAL SERVICES, INC.
5200 RYDER ROAD
EAU CLAIRE, WISCONSIN



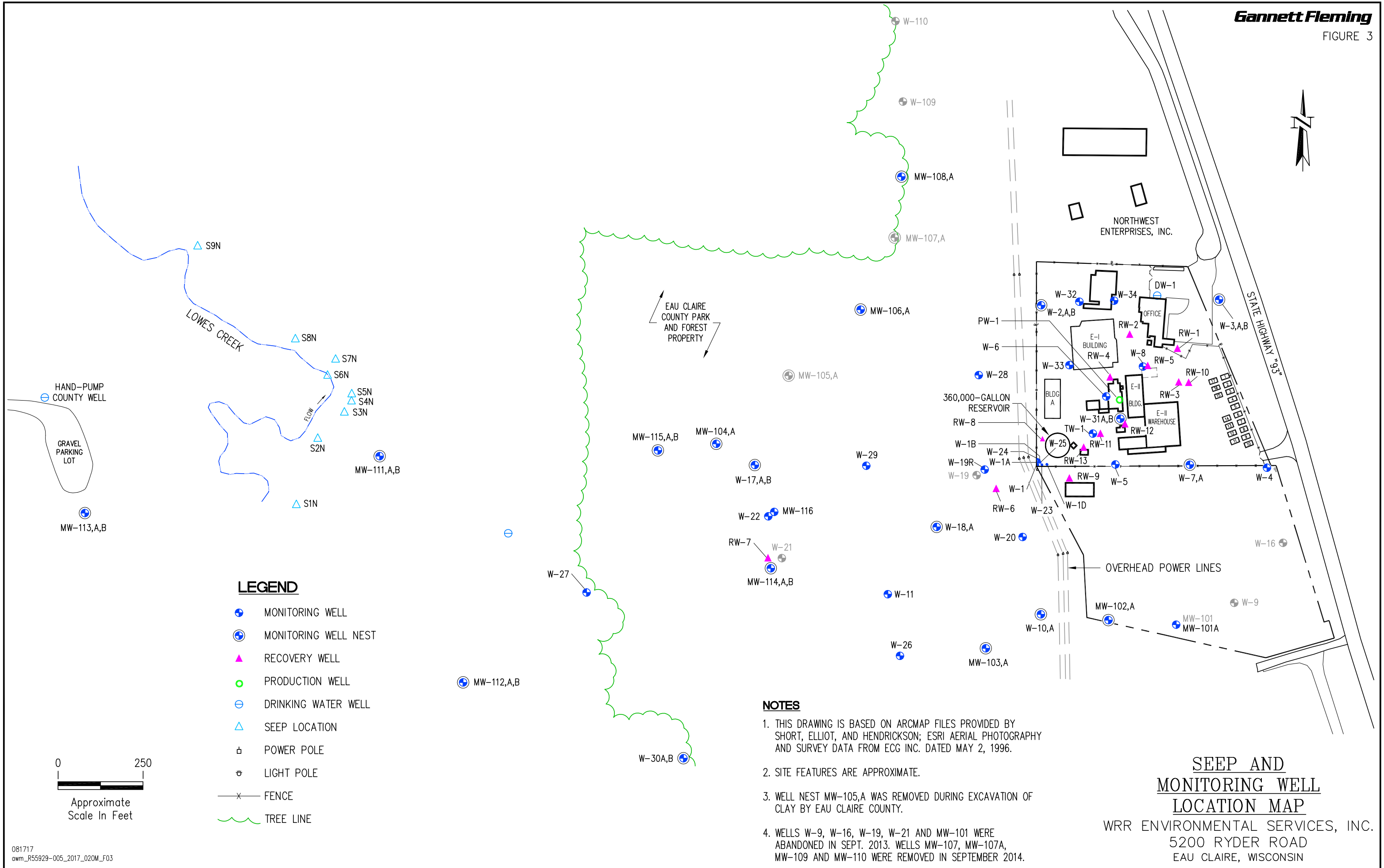
APPROX. SCALE: 1 INCH = 420 FEET

GOOGLE EARTH IMAGERY (04/14)



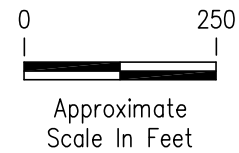
AERIAL MAP

WRR ENVIRONMENTAL SERVICES, INC.
5200 RYDER ROAD
EAU CLAIRE, WISCONSIN



LEGEND

- MONITORING WELL NEST
- MONITORING WELL
- RECOVERY WELL
- PRODUCTION WELL
- DRINKING WATER WELL
- SEEP LOCATION
- POWER POLE
- LIGHT POLE
- FENCE
- TREE LINE



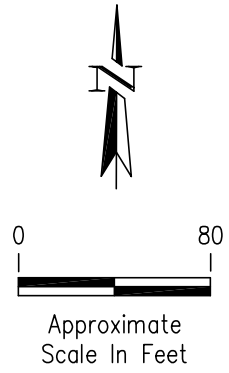
NOTES

1. THIS DRAWING IS BASED ON ARCMAP FILES PROVIDED BY SHORT, ELLIOT, AND HENDRICKSON; ESRI AERIAL PHOTOGRAPHY AND SURVEY DATA FROM ECG INC. DATED MAY 2, 1996.
2. SITE FEATURES ARE APPROXIMATE.
3. WELL NEST MW-105,A WAS REMOVED DURING EXCAVATION OF CLAY BY EAU CLAIRE COUNTY.
4. WELLS W-9, W-16, W-19, W-21 AND MW-101 WERE ABANDONED IN SEPT. 2013. WELLS MW-107, MW-107A, MW-109 AND MW-110 WERE REMOVED IN SEPTEMBER 2014.

SEEP AND MONITORING WELL LOCATION MAP

WRR ENVIRONMENTAL SERVICES, INC.
5200 RYDER ROAD
EAU CLAIRE, WISCONSIN

NORTHWEST ENTERPRISES, INC.



LEGEND

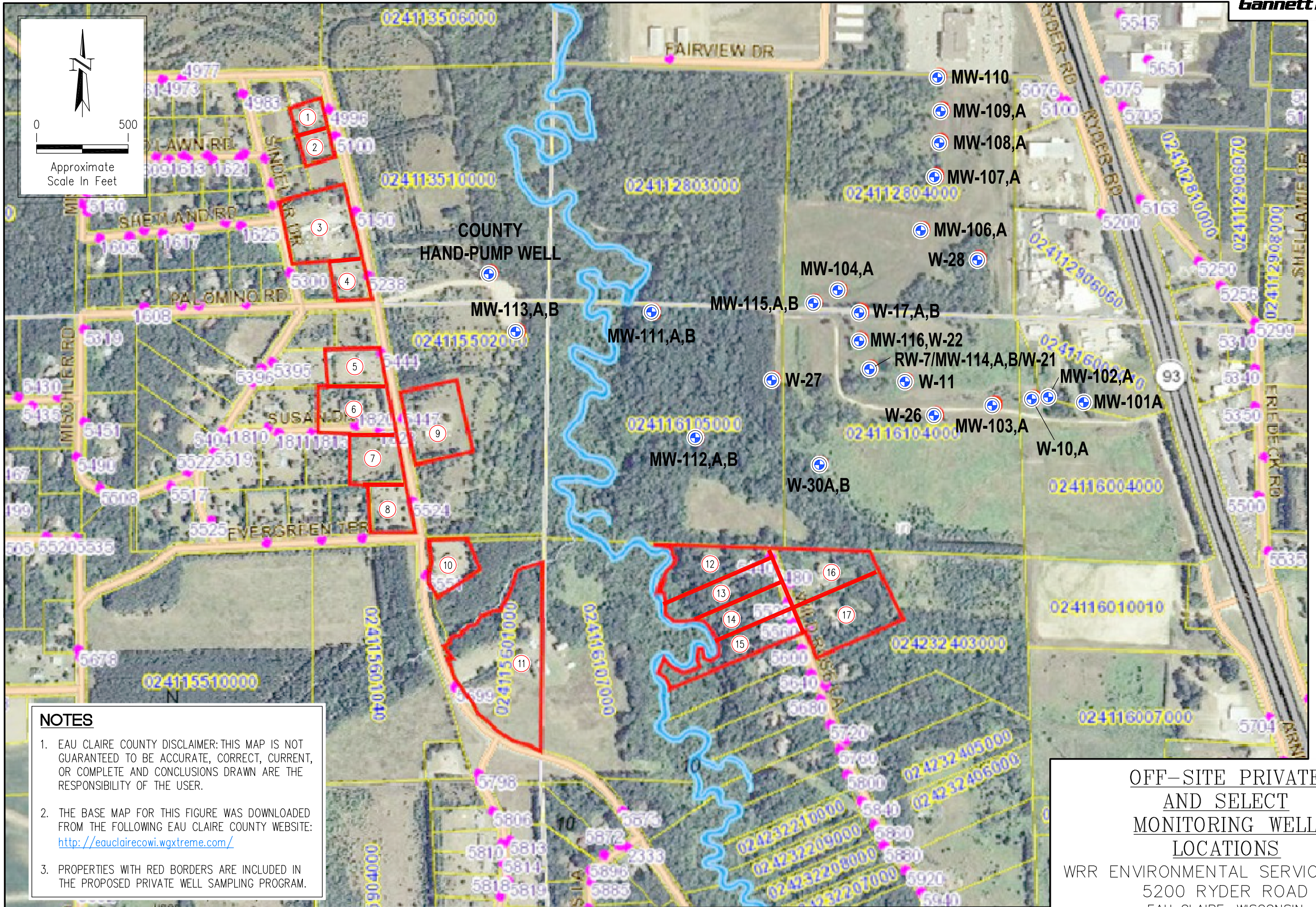
- GEOPROBE BORING SAMPLE LOCATION
- ⊕ MONITORING WELL
- ⊕ MONITORING WELL NEST
- ▲ RECOVERY WELL
- PRODUCTION WELL
- ⊕ DRINKING WATER WELL
- ⊕ 1-INCH-DIAMETER MONITORING POINT
- ABOVEGROUND STORAGE TANK (APPROXIMATE LOCATION)
- POWER POLE
- ⊕ LIGHT POLE
- x — x — FENCE
- — — SURFACE WATER DRAINAGE DITCH
- #2 SOLID WASTE MANAGEMENT UNITS

NOTES

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2. SITE FEATURES ARE APPROXIMATE.
3. THE LOCATIONS OF STORAGE TANKS ARE APPROXIMATE.
4. BORINGS GP-28 THROUGH GP-58 WERE SAMPLED IN SEPTEMBER 2013. BORINGS GP-59 THROUGH GP-66 WERE SAMPLED IN NOVEMBER 2013. BORINGS GP-67 THROUGH GP-70 WERE SAMPLED IN SEPTEMBER 2014. BORINGS GP-71 THROUGH GP-85 WERE SAMPLED IN SEPTEMBER 2016.

BORING AND WELL LOCATIONS

WRR ENVIRONMENTAL SERVICES, INC.
5200 RYDER ROAD
EAU CLAIRE, WISCONSIN



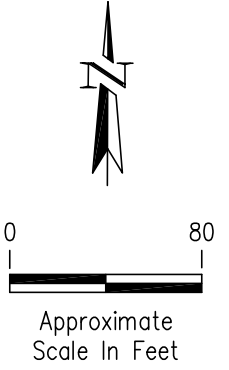
NOTES

1. EAU CLAIRE COUNTY DISCLAIMER: THIS MAP IS NOT GUARANTEED TO BE ACCURATE, CORRECT, CURRENT, OR COMPLETE AND CONCLUSIONS DRAWN ARE THE RESPONSIBILITY OF THE USER.
2. THE BASE MAP FOR THIS FIGURE WAS DOWNLOADED FROM THE FOLLOWING EAU CLAIRE COUNTY WEBSITE: <http://eauclairecowi.wgxtreme.com/>
3. PROPERTIES WITH RED BORDERS ARE INCLUDED IN THE PROPOSED PRIVATE WELL SAMPLING PROGRAM.

**OFF-SITE PRIVATE
AND SELECT
MONITORING WELL
LOCATIONS**

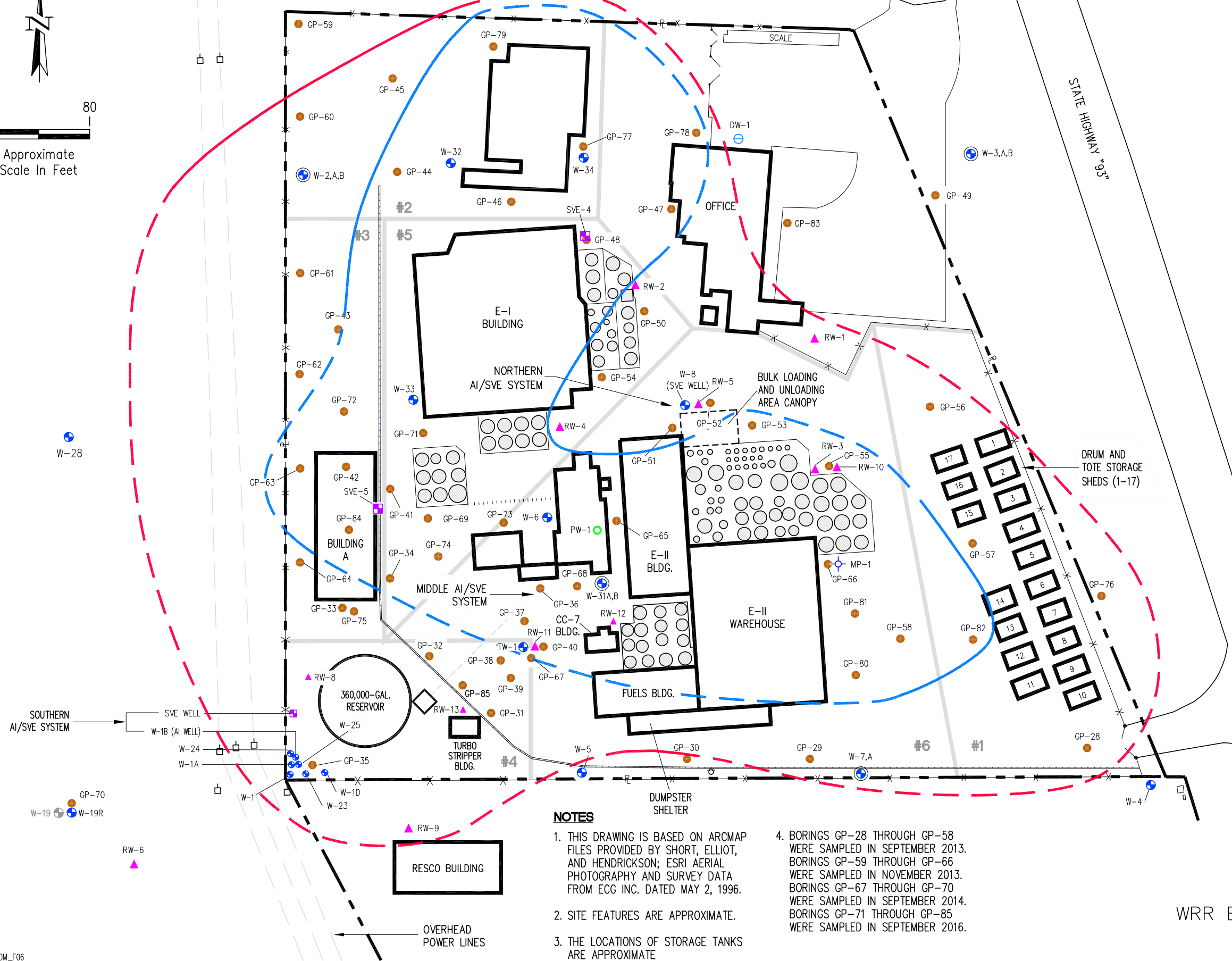
WRR ENVIRONMENTAL SERVICES, INC.
5200 RYDER ROAD
EAU CLAIRE, WISCONSIN

NORTHWEST ENTERPRISES, INC.



LEGEND

- GEOPROBE BORING SAMPLE LOCATION
- MONITORING WELL
- MONITORING WELL NEST
- RECOVERY WELL
- PRODUCTION WELL
- DRINKING WATER WELL
- 1-INCH-DIAMETER MONITORING POINT
- ABOVEGROUND STORAGE TANK (APPROXIMATE LOCATION)
- POWER POLE
- LIGHT POLE
- FENCE
- SURFACE WATER DRAINAGE DITCH
- SOLID WASTE MANAGEMENT UNITS
- ESTIMATED EXTENT OF VOCs AT CONCENTRATIONS GREATER THAN NR 140 ES.
- ESTIMATED EXTENT OF VOCs AT CONCENTRATIONS TWO ORDERS OF MAGNITUDE GREATER THAN NR 140 ES.



ESTIMATED EXTENT OF CVOCs IN SHALLOW ON-SITE AQUIFER - MAY 2017

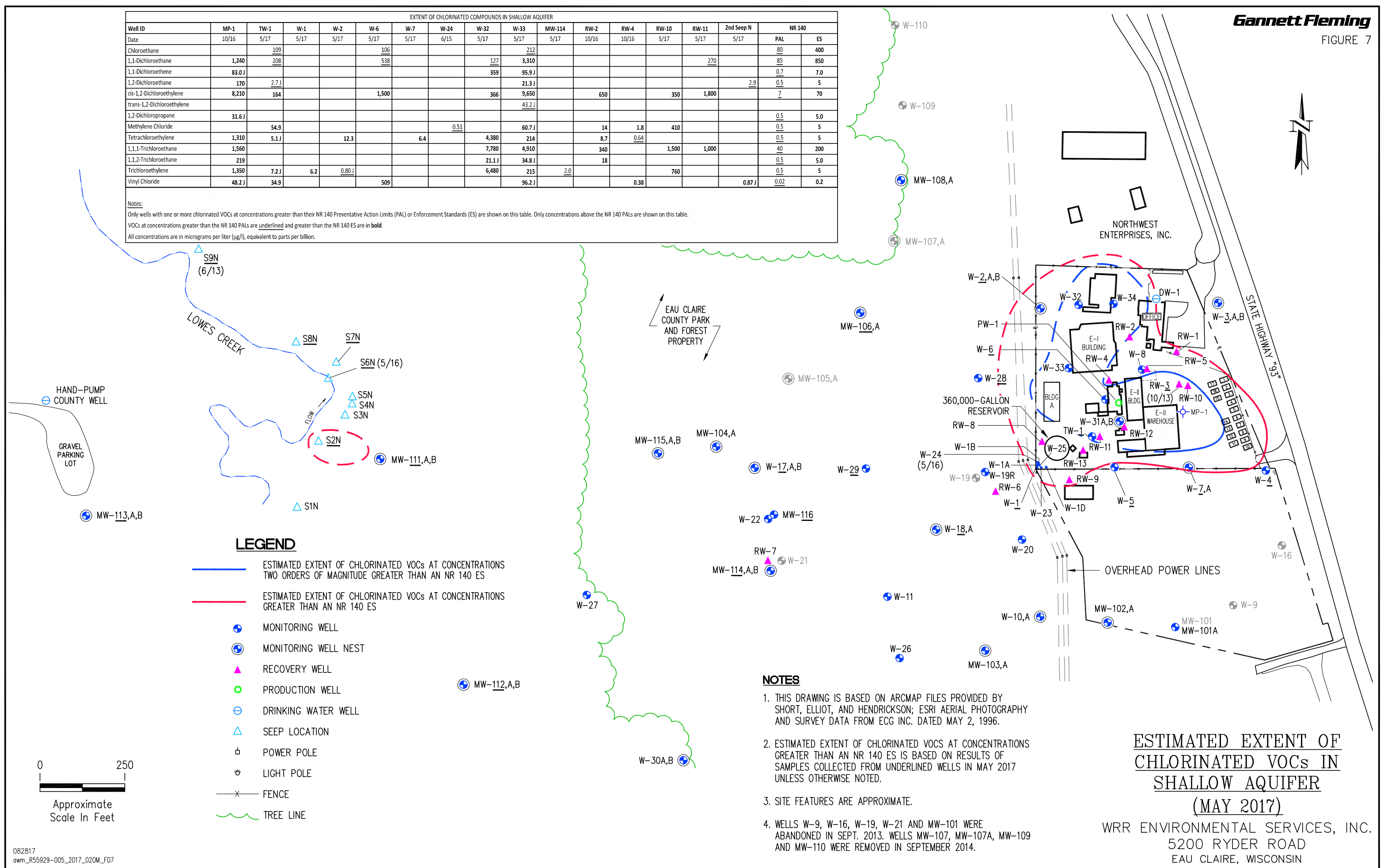
WRR ENVIRONMENTAL SERVICES, INC. 5200 RYDER ROAD EAU CLAIRE, WISCONSIN

NOTES

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2. SITE FEATURES ARE APPROXIMATE.
3. THE LOCATIONS OF STORAGE TANKS ARE APPROXIMATE
4. BORINGS GP-28 THROUGH GP-58 WERE SAMPLED IN SEPTEMBER 2013. BORINGS GP-59 THROUGH GP-66 WERE SAMPLED IN NOVEMBER 2013. BORINGS GP-67 THROUGH GP-70 WERE SAMPLED IN SEPTEMBER 2014. BORINGS GP-71 THROUGH GP-85 WERE SAMPLED IN SEPTEMBER 2016.

EXTENT OF CHLORINATED COMPOUNDS IN SHALLOW AQUIFER																	
Well ID	MP-1	TW-1	W-1	W-2	W-6	W-7	W-24	W-32	W-33	MW-114	RW-2	RW-4	RW-10	RW-11	2nd Seep N	NR 140	
Date	10/16	5/17	5/17	5/17	5/17	5/17	6/15	5/17	5/17	5/17	10/16	10/16	5/17	5/17	5/17	PAL	ES
Chloroethane		109			106				212							80	400
1,1-Dichloroethane	1,240	208			538				127	3,310				270		85	850
1,1-Dichloroethene	83.0 J								359	95.9 J						0.7	7.0
1,2-Dichloroethane	170	2.7 J							21.3 J					2.9		0.5	5
cis-1,2-Dichloroethylene	8,210	164			1,500			366	9,650		650		350	1,800		7	70
trans-1,2-Dichloroethylene									43.2 J								
1,2-Dichloropropane	31.6 J															0.5	5.0
Methylene Chloride		54.9					0.51		60.7 J		14	1.8	410			0.5	5
Tetrachloroethylene	1,310	5.1 J		12.3		6.4		4,380	214		8.7	0.64				0.5	5
1,1,1-Trichloroethane	1,560							7,780	4,910		340		1,500	1,000		40	200
1,1,2-Trichloroethane	219							21.1 J	34.8 J		18					0.5	5.0
Trichloroethylene	1,350	7.2 J	6.2	0.80 J				6,480	215	2.0			760			0.5	5
Vinyl Chloride	48.2 J	34.9			509				96.2 J			0.38		0.87 J	0.02	0.2	0.2

Notes:
 Only wells with one or more chlorinated VOCs at concentrations greater than their NR 140 Preventative Action Limits (PAL) or Enforcement Standards (ES) are shown on this table. Only concentrations above the NR 140 PALs are shown on this table.
 VOCs at concentrations greater than the NR 140 PALs are underlined and greater than the NR 140 ES are in **bold**.
 All concentrations are in micrograms per liter (µg/l), equivalent to parts per billion.



LEGEND

- ESTIMATED EXTENT OF CHLORINATED VOCs AT CONCENTRATIONS TWO ORDERS OF MAGNITUDE GREATER THAN AN NR 140 ES
- ESTIMATED EXTENT OF CHLORINATED VOCs AT CONCENTRATIONS GREATER THAN AN NR 140 ES
- ⊕ MONITORING WELL
- ⊕ MONITORING WELL NEST
- ▲ RECOVERY WELL
- PRODUCTION WELL
- ⊖ DRINKING WATER WELL
- △ SEEP LOCATION
- ⊔ POWER POLE
- ⊕ LIGHT POLE
- x— FENCE
- ~ TREE LINE

NOTES

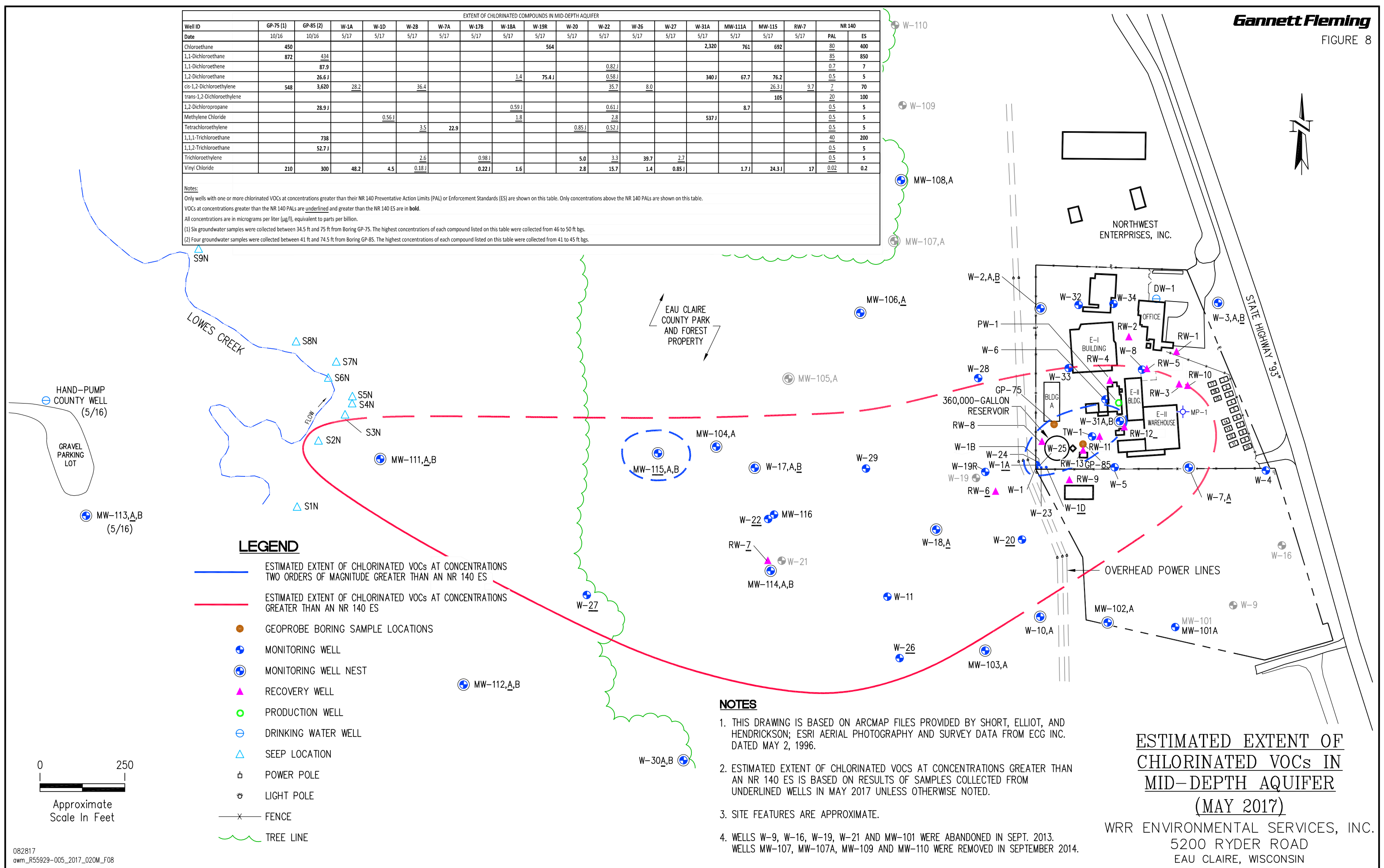
1. THIS DRAWING IS BASED ON ARCMAP FILES PROVIDED BY SHORT, ELLIOT, AND HENDRICKSON; ESRI AERIAL PHOTOGRAPHY AND SURVEY DATA FROM ECG INC. DATED MAY 2, 1996.
2. ESTIMATED EXTENT OF CHLORINATED VOCs AT CONCENTRATIONS GREATER THAN AN NR 140 ES IS BASED ON RESULTS OF SAMPLES COLLECTED FROM UNDERLINED WELLS IN MAY 2017 UNLESS OTHERWISE NOTED.
3. SITE FEATURES ARE APPROXIMATE.
4. WELLS W-9, W-16, W-19, W-21 AND MW-101 WERE ABANDONED IN SEPT. 2013. WELLS MW-107, MW-107A, MW-109 AND MW-110 WERE REMOVED IN SEPTEMBER 2014.

ESTIMATED EXTENT OF CHLORINATED VOCs IN SHALLOW AQUIFER (MAY 2017)

WRR ENVIRONMENTAL SERVICES, INC.
 5200 RYDER ROAD
 EAU CLAIRE, WISCONSIN

EXTENT OF CHLORINATED COMPOUNDS IN MID-DEPTH AQUIFER																			
Well ID	GP-75 (1)	GP-85 (2)	W-1A	W-1D	W-2B	W-7A	W-17B	W-18A	W-19R	W-20	W-22	W-26	W-27	W-31A	MW-111A	MW-115	RW-7	NR 140	
Date	10/16	10/16	5/17	5/17	5/17	5/17	5/17	5/17	5/17	5/17	5/17	5/17	5/17	5/17	5/17	5/17	5/17	PAL	ES
Chloroethane	450								564					2,320	761	692		80	400
1,1-Dichloroethane	872	434																85	850
1,1-Dichloroethene		87.9									0.82 J							0.7	7
1,2-Dichloroethane		26.6 J					1.4	75.4 J			0.58 J			340 J	67.7	76.2		0.5	5
cis-1,2-Dichloroethylene	548	3,620	28.2		36.4						35.7	8.0				26.3 J	9.7	7	70
trans-1,2-Dichloroethylene																105		20	100
1,2-Dichloropropane		28.9 J						0.59 J			0.61 J				8.7			0.5	5
Methylene Chloride				0.56 J				1.8			2.8			537 J				0.5	5
Tetrachloroethylene					3.5	22.9				0.85 J	0.52 J							0.5	5
1,1,1-Trichloroethane		738																40	200
1,1,2-Trichloroethane		52.7 J																0.5	5
Trichloroethylene					2.6		0.98 J			5.0	3.3	39.7	2.7					0.5	5
Vinyl Chloride	210	300	48.2	4.5	0.18 J		0.22 J	1.6		2.8	15.7	1.4	0.85 J	1.7 J	24.3 J	17		0.02	0.2

Notes:
 Only wells with one or more chlorinated VOCs at concentrations greater than their NR 140 Preventative Action Limits (PAL) or Enforcement Standards (ES) are shown on this table. Only concentrations above the NR 140 PALs are shown on this table.
 VOCs at concentrations greater than the NR 140 PALs and greater than the NR 140 ES are in **bold**.
 All concentrations are in micrograms per liter (µg/l), equivalent to parts per billion.
 (1) Six groundwater samples were collected between 34.5 ft and 75 ft from Boring GP-75. The highest concentrations of each compound listed on this table were collected from 46 to 50 ft bgs.
 (2) Four groundwater samples were collected between 41 ft and 74.5 ft from Boring GP-85. The highest concentrations of each compound listed on this table were collected from 41 to 45 ft bgs.



LEGEND

- ESTIMATED EXTENT OF CHLORINATED VOCs AT CONCENTRATIONS TWO ORDERS OF MAGNITUDE GREATER THAN AN NR 140 ES
- ESTIMATED EXTENT OF CHLORINATED VOCs AT CONCENTRATIONS GREATER THAN AN NR 140 ES
- GEOPROBE BORING SAMPLE LOCATIONS
- + MONITORING WELL
- ⊕ MONITORING WELL NEST
- ▲ RECOVERY WELL
- PRODUCTION WELL
- ⊖ DRINKING WATER WELL
- △ SEEP LOCATION
- ⊥ POWER POLE
- ⊕ LIGHT POLE
- x— FENCE
- ~ TREE LINE

NOTES

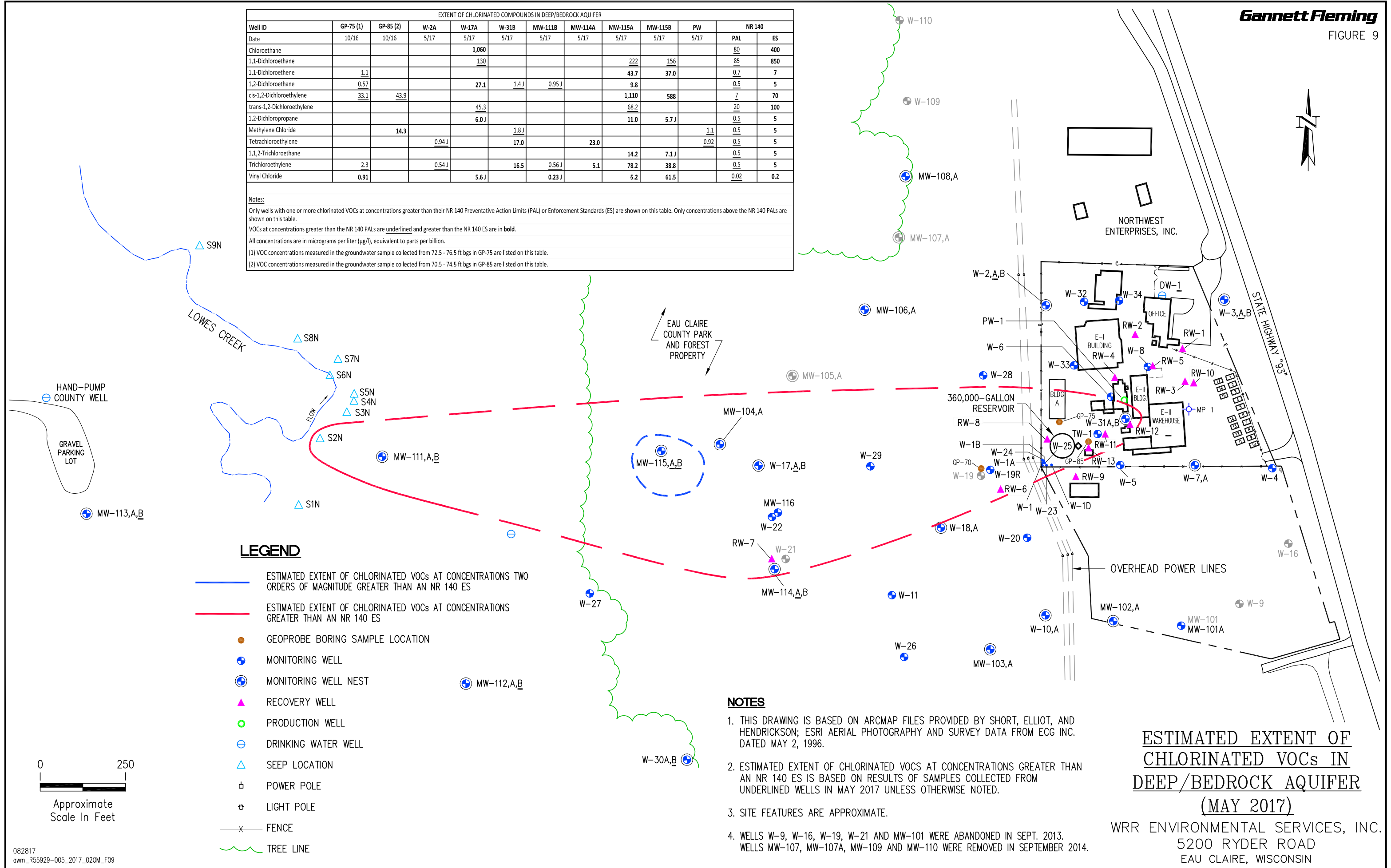
1. THIS DRAWING IS BASED ON ARCMAP FILES PROVIDED BY SHORT, ELLIOT, AND HENDRICKSON; ESRI AERIAL PHOTOGRAPHY AND SURVEY DATA FROM ECG INC. DATED MAY 2, 1996.
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3. SITE FEATURES ARE APPROXIMATE.
4. WELLS W-9, W-16, W-19, W-21 AND MW-101 WERE ABANDONED IN SEPT. 2013. WELLS MW-107, MW-107A, MW-109 AND MW-110 WERE REMOVED IN SEPTEMBER 2014.

ESTIMATED EXTENT OF CHLORINATED VOCs IN MID-DEPTH AQUIFER (MAY 2017)

WRR ENVIRONMENTAL SERVICES, INC.
 5200 RYDER ROAD
 EAU CLAIRE, WISCONSIN

EXTENT OF CHLORINATED COMPOUNDS IN DEEP/BEDROCK AQUIFER												
Well ID	GP-75 (1)	GP-85 (2)	W-2A	W-17A	W-31B	MW-111B	MW-114A	MW-115A	MW-115B	PW	NR 140	
Date	10/16	10/16	5/17	5/17	5/17	5/17	5/17	5/17	5/17	5/17	PAL	ES
Chloroethane				1,060							<u>80</u>	400
1,1-Dichloroethane				<u>130</u>				<u>222</u>	<u>156</u>		<u>85</u>	850
1,1-Dichloroethene	<u>1.1</u>							43.7	37.0		<u>0.7</u>	7
1,2-Dichloroethane	<u>0.57</u>			<u>27.1</u>	<u>1.4</u>	<u>0.95</u>		9.8			<u>0.5</u>	5
cis-1,2-Dichloroethylene	<u>33.1</u>	<u>43.9</u>						1,110	588		<u>7</u>	70
trans-1,2-Dichloroethylene				<u>45.3</u>				<u>68.2</u>			<u>20</u>	100
1,2-Dichloropropane				<u>6.0</u>				11.0	5.7		<u>0.5</u>	5
Methylene Chloride		14.3			<u>1.8</u>					<u>1.1</u>	<u>0.5</u>	5
Tetrachloroethylene			<u>0.94</u>		<u>17.0</u>		23.0			<u>0.92</u>	<u>0.5</u>	5
1,1,2-Trichloroethane								14.2	7.1		<u>0.5</u>	5
Trichloroethylene	<u>2.3</u>		<u>0.54</u>		<u>16.5</u>	<u>0.56</u>	5.1	78.2	38.8		<u>0.5</u>	5
Vinyl Chloride	<u>0.91</u>			<u>5.6</u>		<u>0.23</u>		5.2	61.5		<u>0.02</u>	0.2

Notes:
 Only wells with one or more chlorinated VOCs at concentrations greater than their NR 140 Preventative Action Limits (PAL) or Enforcement Standards (ES) are shown on this table. Only concentrations above the NR 140 PALs are shown on this table.
 VOCs at concentrations greater than the NR 140 PALs are underlined and greater than the NR 140 ES are in **bold**.
 All concentrations are in micrograms per liter (µg/l), equivalent to parts per billion.
 (1) VOC concentrations measured in the groundwater sample collected from 72.5 - 76.5 ft bgs in GP-75 are listed on this table.
 (2) VOC concentrations measured in the groundwater sample collected from 70.5 - 74.5 ft bgs in GP-85 are listed on this table.



LEGEND

- ESTIMATED EXTENT OF CHLORINATED VOCs AT CONCENTRATIONS TWO ORDERS OF MAGNITUDE GREATER THAN AN NR 140 ES
- - - ESTIMATED EXTENT OF CHLORINATED VOCs AT CONCENTRATIONS GREATER THAN AN NR 140 ES
- GEOPROBE BORING SAMPLE LOCATION
- ⊕ MONITORING WELL
- ⊕ MONITORING WELL NEST
- ▲ RECOVERY WELL
- PRODUCTION WELL
- ⊖ DRINKING WATER WELL
- △ SEEP LOCATION
- ⊙ POWER POLE
- ⊙ LIGHT POLE
- x — FENCE
- ~ TREE LINE

NOTES

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3. SITE FEATURES ARE APPROXIMATE.
4. WELLS W-9, W-16, W-19, W-21 AND MW-101 WERE ABANDONED IN SEPT. 2013. WELLS MW-107, MW-107A, MW-109 AND MW-110 WERE REMOVED IN SEPTEMBER 2014.

ESTIMATED EXTENT OF CHLORINATED VOCs IN DEEP/BEDROCK AQUIFER (MAY 2017)

WRR ENVIRONMENTAL SERVICES, INC.
 5200 RYDER ROAD
 EAU CLAIRE, WISCONSIN

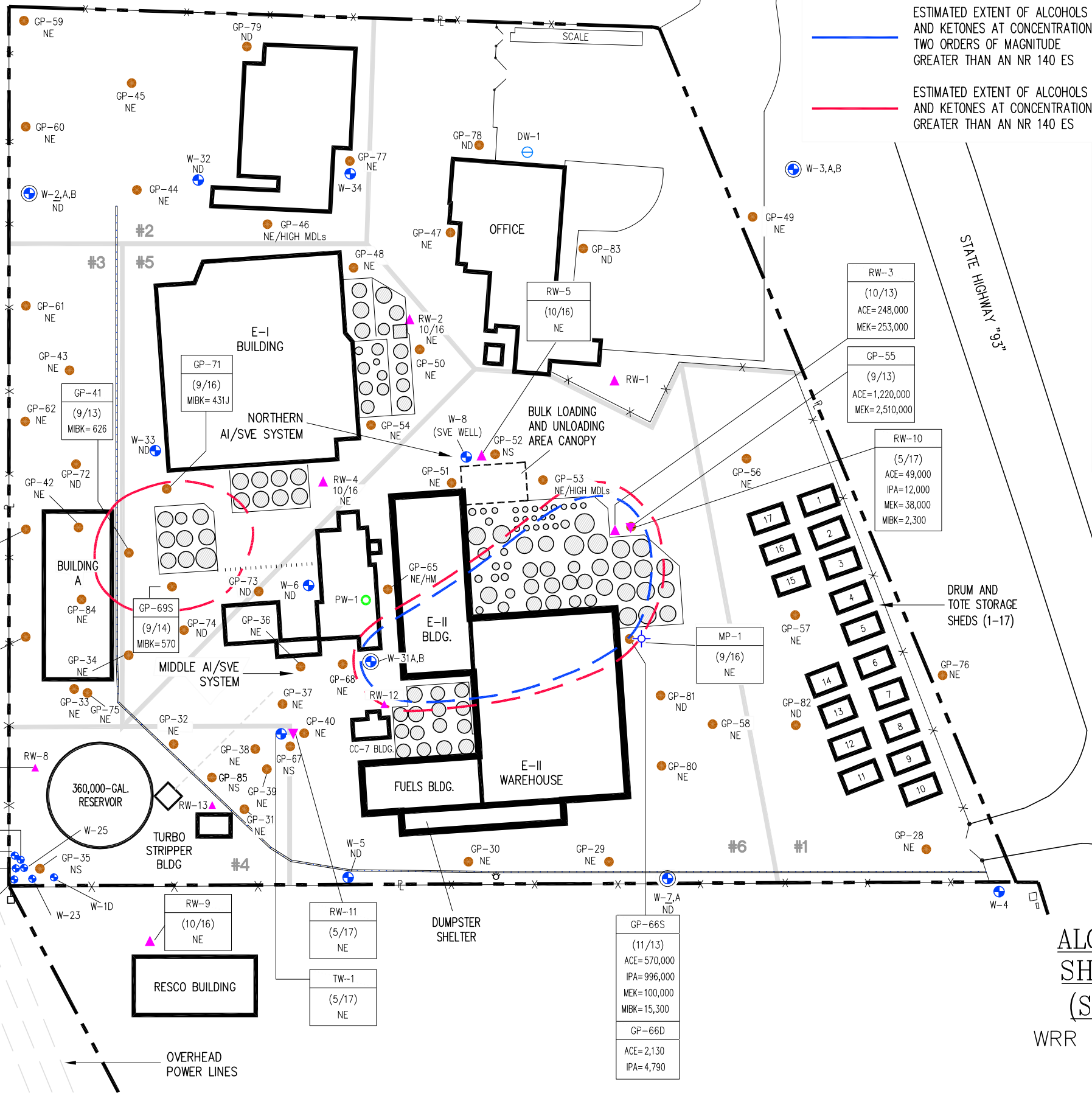
NORTHWEST ENTERPRISES, INC.

LEGEND

- ESTIMATED EXTENT OF ALCOHOLS AND KETONES AT CONCENTRATIONS TWO ORDERS OF MAGNITUDE GREATER THAN AN NR 140 ES
- ESTIMATED EXTENT OF ALCOHOLS AND KETONES AT CONCENTRATIONS GREATER THAN AN NR 140 ES
- GEOPROBE BORING SAMPLE LOCATION
- ⊕ MONITORING WELL
- ⊕ MONITORING WELL NEST
- ▲ RECOVERY WELL
- PRODUCTION WELL
- ⊖ DRINKING WATER WELL
- △ SEEP LOCATION
- ABOVEGROUND STORAGE TANK (APPROXIMATE LOCATION)
- POWER POLE
- ⊕ LIGHT POLE
- x-x- FENCE
- SURFACE WATER DRAINAGE DITCH
- #2 SOLID WASTE MANAGEMENT UNITS

MAP ID	COMPOUND NAME	NR 140 ES
ACE	ACETONE	9,000
IPA	ISOPROPYL ALCOHOL	3,000
MEK	METHYL ETHYL KETONE	4,000
MIBK	METHYL ISOBUTYL KETONE	500

NOTES
 ONLY COMPOUNDS AT CONCENTRATIONS ABOVE THEIR NR 140 ENFORCEMENT STANDARDS ARE SHOWN ON MAP.
 NE=NO NR 140 ENFORCEMENT STANDARD EXCEEDANCES
 HM=HIGH METHOD DETECTION LIMITS
 NS=NOT SAMPLED
 ND=NO DETECTS



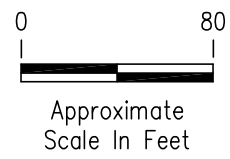
RW-3	(10/13)	ACE=248,000	MEK=253,000
GP-55	(9/13)	ACE=1,220,000	MEK=2,510,000
RW-10	(5/17)	ACE=49,000	IPA=12,000
		MEK=38,000	MIBK=2,300

GP-66S	(11/13)	ACE=570,000	IPA=996,000
		MEK=100,000	MIBK=15,300
GP-66D		ACE=2,130	IPA=4,790

- NOTES**
- THIS DRAWING IS BASED ON ARCMAP FILES PROVIDED BY SHORT, ELLIOT, AND HENDRICKSON; ESRI AERIAL PHOTOGRAPHY AND SURVEY DATA FROM ECG INC. DATED MAY 2, 1996.
 - SITE FEATURES ARE APPROXIMATE.
 - THE LOCATIONS OF TANKS ARE APPROXIMATE AND THE SURVEYED LOCATIONS ARE SHOWN ON THE DRAWINGS IN THE FEASIBILITY AND PLAN OF OPERATION REPORT.
 - BORINGS GP-28 THROUGH GP-58 WERE SAMPLED IN SEPTEMBER 2013; BORINGS GP-59 THROUGH GP-66 WERE SAMPLED ON NOVEMBER 2013; BORINGS GP-67 THROUGH GP-70 WERE SAMPLED IN SEPTEMBER 2014; BORINGS GP-71 THROUGH GP-85 WERE SAMPLED IN SEPTEMBER 2016.

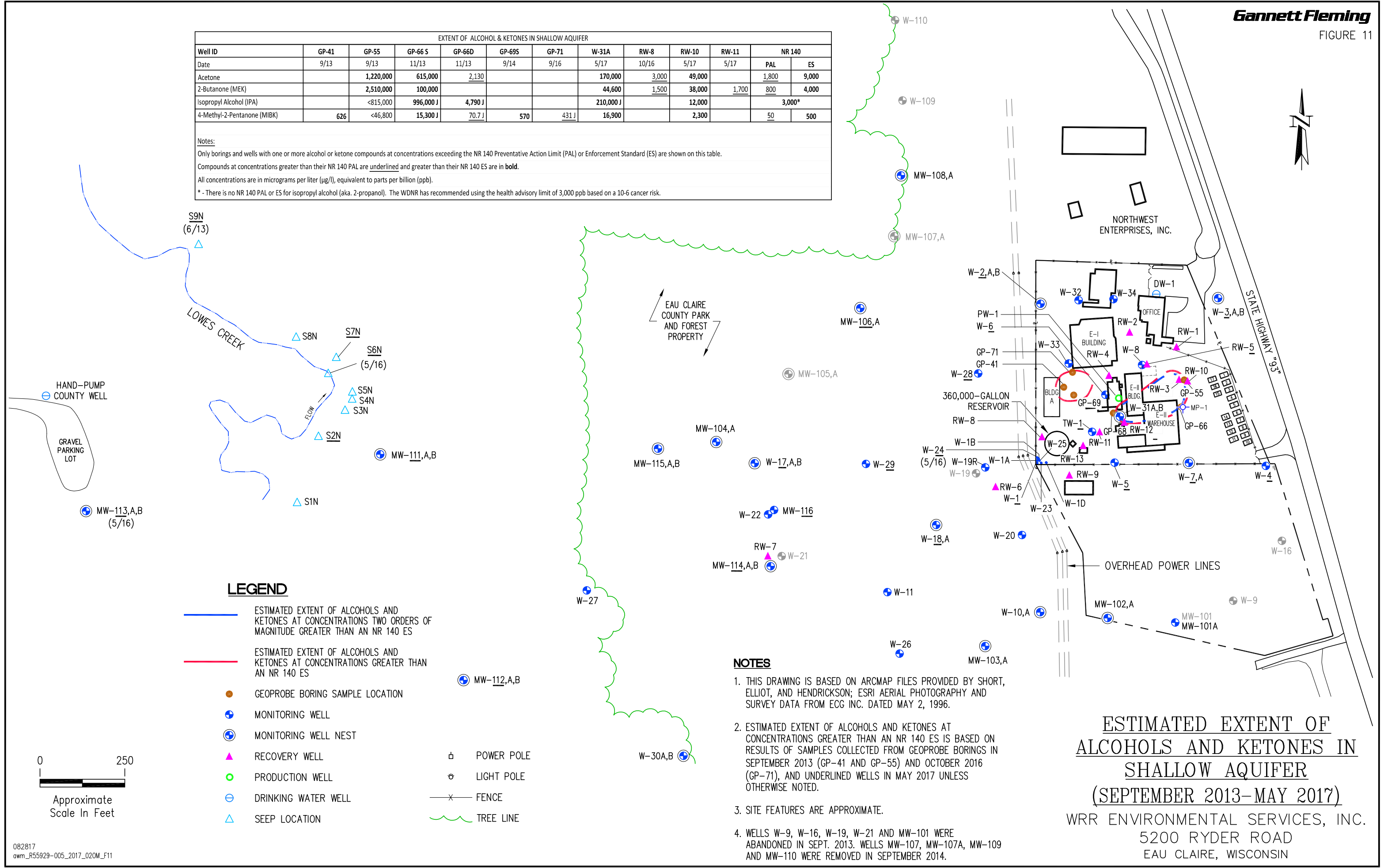
ESTIMATED EXTENT OF ALCOHOLS AND KETONES IN SHALLOW AQUIFER ON SITE (SEPTEMBER 2013-MAY 2017)

WRR ENVIRONMENTAL SERVICES, INC.
 5200 RYDER ROAD
 EAU CLAIRE, WISCONSIN



EXTENT OF ALCOHOL & KETONES IN SHALLOW AQUIFER												
Well ID	GP-41	GP-55	GP-66 S	GP-66D	GP-69S	GP-71	W-31A	RW-8	RW-10	RW-11	NR 140	
Date	9/13	9/13	11/13	11/13	9/14	9/16	5/17	10/16	5/17	5/17	PAL	ES
Acetone		1,220,000	615,000	<u>2,130</u>			170,000	<u>3,000</u>	49,000		<u>1,800</u>	9,000
2-Butanone (MEK)		2,510,000	100,000				44,600	<u>1,500</u>	38,000	<u>1,700</u>	<u>800</u>	4,000
Isopropyl Alcohol (IPA)		<815,000	996,000 J	4,790 J			210,000 J		12,000		3,000*	
4-Methyl-2-Pentanone (MIBK)	626	<46,800	15,300 J	<u>70.7 J</u>	570	431 J	16,900		2,300		<u>50</u>	500

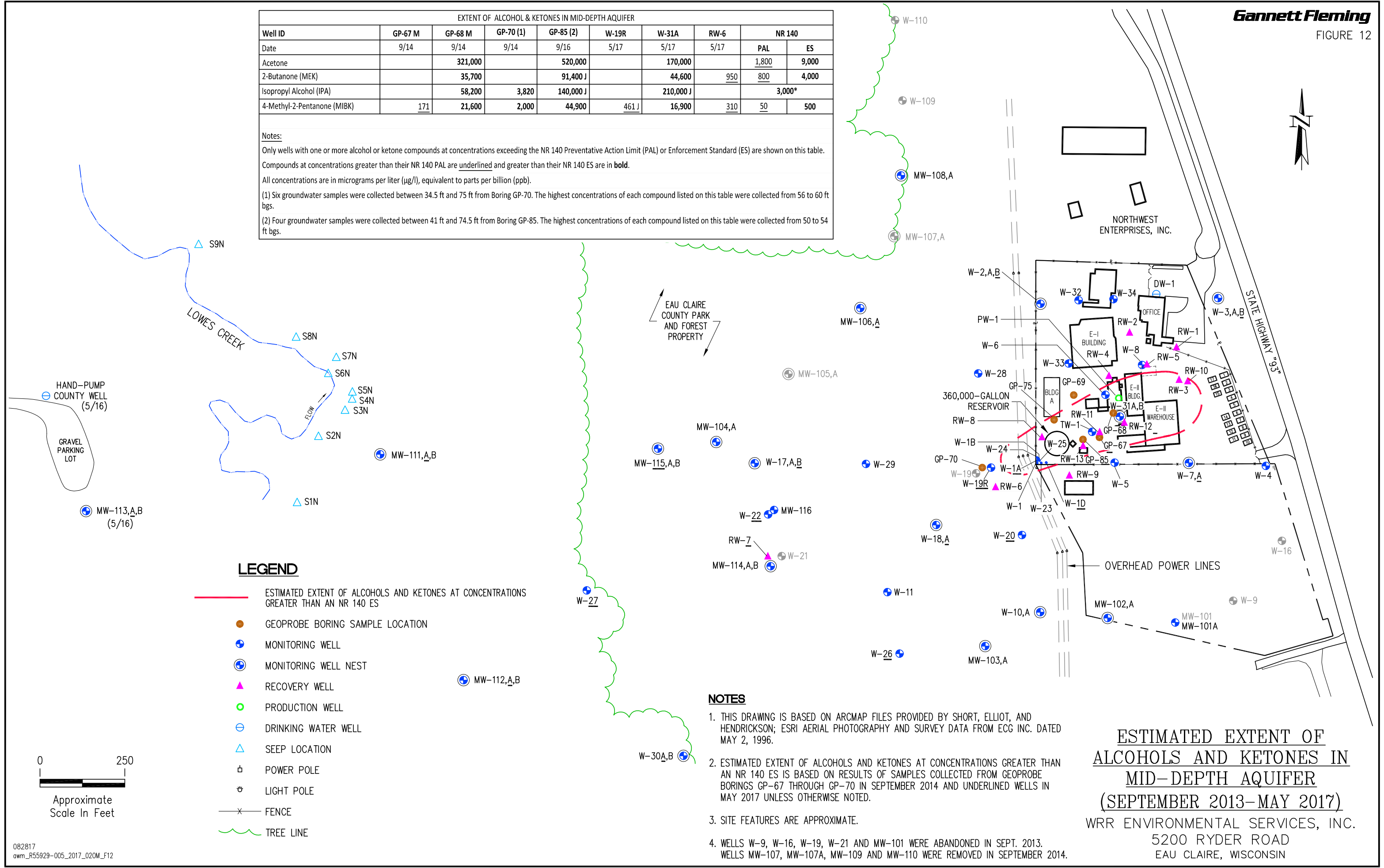
Notes:
 Only borings and wells with one or more alcohol or ketone compounds at concentrations exceeding the NR 140 Preventative Action Limit (PAL) or Enforcement Standard (ES) are shown on this table.
 Compounds at concentrations greater than their NR 140 PAL are underlined and greater than their NR 140 ES are in **bold**.
 All concentrations are in micrograms per liter (µg/l), equivalent to parts per billion (ppb).
 * - There is no NR 140 PAL or ES for isopropyl alcohol (aka. 2-propanol). The WDNR has recommended using the health advisory limit of 3,000 ppb based on a 10-6 cancer risk.



ESTIMATED EXTENT OF ALCOHOLS AND KETONES IN SHALLOW AQUIFER (SEPTEMBER 2013–MAY 2017)
 WRR ENVIRONMENTAL SERVICES, INC.
 5200 RYDER ROAD
 EAU CLAIRE, WISCONSIN

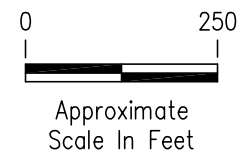
EXTENT OF ALCOHOL & KETONES IN MID-DEPTH AQUIFER									
Well ID	GP-67 M	GP-68 M	GP-70 (1)	GP-85 (2)	W-19R	W-31A	RW-6	NR 140	
Date	9/14	9/14	9/14	9/16	5/17	5/17	5/17	PAL	ES
Acetone		321,000		520,000		170,000		<u>1,800</u>	9,000
2-Butanone (MEK)		35,700		91,400 J		44,600	<u>950</u>	<u>800</u>	4,000
Isopropyl Alcohol (IPA)		58,200	3,820	140,000 J		210,000 J		3,000*	
4-Methyl-2-Pentanone (MIBK)	<u>171</u>	21,600	2,000	44,900	<u>461 J</u>	16,900	<u>310</u>	<u>50</u>	500

Notes:
 Only wells with one or more alcohol or ketone compounds at concentrations exceeding the NR 140 Preventative Action Limit (PAL) or Enforcement Standard (ES) are shown on this table. Compounds at concentrations greater than their NR 140 PAL are underlined and greater than their NR 140 ES are in **bold**. All concentrations are in micrograms per liter (µg/l), equivalent to parts per billion (ppb).
 (1) Six groundwater samples were collected between 34.5 ft and 75 ft from Boring GP-70. The highest concentrations of each compound listed on this table were collected from 56 to 60 ft bgs.
 (2) Four groundwater samples were collected between 41 ft and 74.5 ft from Boring GP-85. The highest concentrations of each compound listed on this table were collected from 50 to 54 ft bgs.



LEGEND

- ESTIMATED EXTENT OF ALCOHOLS AND KETONES AT CONCENTRATIONS GREATER THAN AN NR 140 ES
- GEOPROBE BORING SAMPLE LOCATION
- + MONITORING WELL
- ⊕ MONITORING WELL NEST
- ▲ RECOVERY WELL
- PRODUCTION WELL
- ⊖ DRINKING WATER WELL
- △ SEEP LOCATION
- ⊠ POWER POLE
- ⊛ LIGHT POLE
- x— FENCE
- ~ TREE LINE



NOTES

1. THIS DRAWING IS BASED ON ARCMAP FILES PROVIDED BY SHORT, ELLIOT, AND HENDRICKSON; ESRI AERIAL PHOTOGRAPHY AND SURVEY DATA FROM ECG INC. DATED MAY 2, 1996.
2. ESTIMATED EXTENT OF ALCOHOLS AND KETONES AT CONCENTRATIONS GREATER THAN AN NR 140 ES IS BASED ON RESULTS OF SAMPLES COLLECTED FROM GEOPROBE BORINGS GP-67 THROUGH GP-70 IN SEPTEMBER 2014 AND UNDERLINED WELLS IN MAY 2017 UNLESS OTHERWISE NOTED.
3. SITE FEATURES ARE APPROXIMATE.
4. WELLS W-9, W-16, W-19, W-21 AND MW-101 WERE ABANDONED IN SEPT. 2013. WELLS MW-107, MW-107A, MW-109 AND MW-110 WERE REMOVED IN SEPTEMBER 2014.

ESTIMATED EXTENT OF ALCOHOLS AND KETONES IN MID-DEPTH AQUIFER (SEPTEMBER 2013-MAY 2017)

WRR ENVIRONMENTAL SERVICES, INC.
 5200 RYDER ROAD
 EAU CLAIRE, WISCONSIN

NORTHWEST ENTERPRISES, INC.

LEGEND

ESTIMATED EXTENT OF ALCOHOLS AND KETONES AT CONCENTRATIONS TWO ORDERS OF MAGNITUDE GREATER THAN AN NR 140 ES

ESTIMATED EXTENT OF PETROLEUM-RELATED COMPOUNDS AT CONCENTRATIONS GREATER THAN AN NR 140 ES

- GEOPROBE BORING SAMPLE LOCATION
- ⊕ MONITORING WELL
- ⊕ MONITORING WELL NEST
- ▲ RECOVERY WELL
- PRODUCTION WELL
- ⊖ DRINKING WATER WELL
- △ SEEP LOCATION
- ABOVEGROUND STORAGE TANK (APPROXIMATE LOCATION)
- POWER POLE
- ⊙ LIGHT POLE
- - - FENCE
- SURFACE WATER DRAINAGE DITCH
- #2 SOLID WASTE MANAGEMENT UNITS

MAP ID	COMPOUND NAME	NR 140 ES
B	BENZENE	5.0
EB	ETHYLBENZENE	700
TOL	TOLUENE	800
TMB	1,2,4- AND 1,3,5-TRIMETHYLBENZENE	480
XY	XYLENES	2,000

NOTES
ONLY COMPOUNDS AT CONCENTRATIONS ABOVE THEIR NR 140 ENFORCEMENT STANDARDS ARE SHOWN ON MAP.

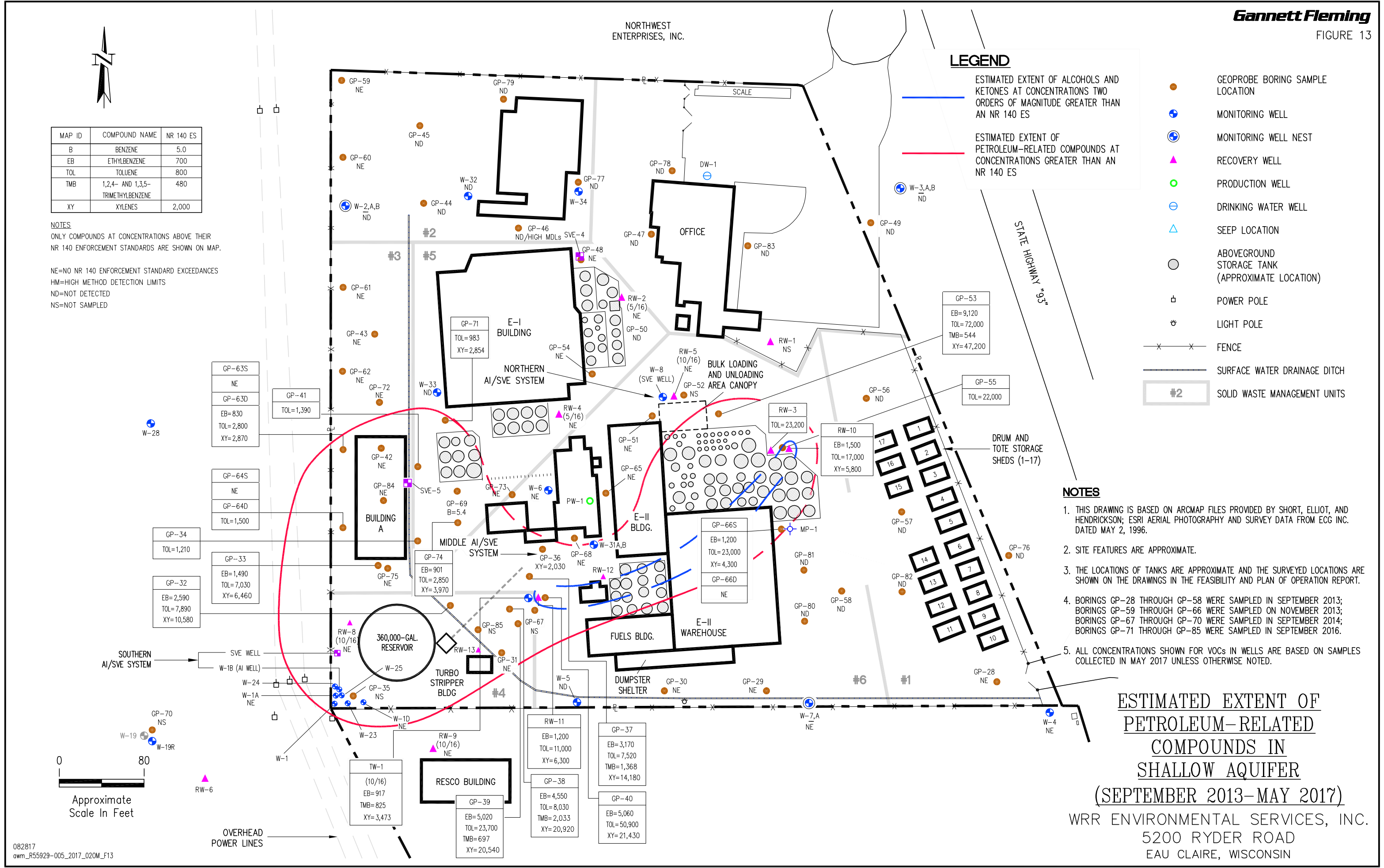
NE=NO NR 140 ENFORCEMENT STANDARD EXCEEDANCES
HM=HIGH METHOD DETECTION LIMITS
ND=NOT DETECTED
NS=NOT SAMPLED

NOTES

1. THIS DRAWING IS BASED ON ARCMAP FILES PROVIDED BY SHORT, ELLIOT, AND HENDRICKSON; ESRI AERIAL PHOTOGRAPHY AND SURVEY DATA FROM ECG INC. DATED MAY 2, 1996.
2. SITE FEATURES ARE APPROXIMATE.
3. THE LOCATIONS OF TANKS ARE APPROXIMATE AND THE SURVEYED LOCATIONS ARE SHOWN ON THE DRAWINGS IN THE FEASIBILITY AND PLAN OF OPERATION REPORT.
4. BORINGS GP-28 THROUGH GP-58 WERE SAMPLED IN SEPTEMBER 2013; BORINGS GP-59 THROUGH GP-66 WERE SAMPLED ON NOVEMBER 2013; BORINGS GP-67 THROUGH GP-70 WERE SAMPLED IN SEPTEMBER 2014; BORINGS GP-71 THROUGH GP-85 WERE SAMPLED IN SEPTEMBER 2016.
5. ALL CONCENTRATIONS SHOWN FOR VOCs IN WELLS ARE BASED ON SAMPLES COLLECTED IN MAY 2017 UNLESS OTHERWISE NOTED.

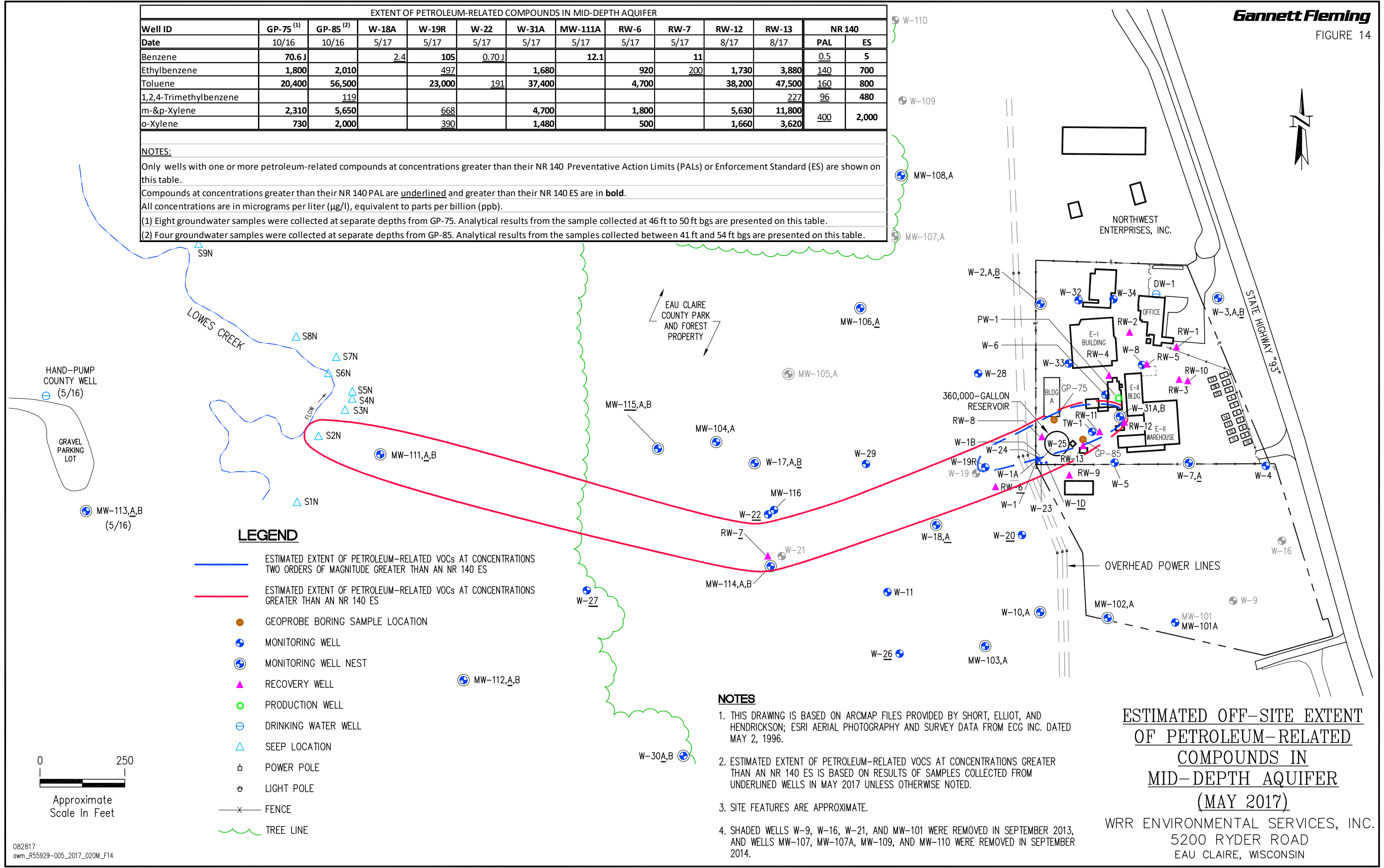
**ESTIMATED EXTENT OF
PETROLEUM-RELATED
COMPOUNDS IN
SHALLOW AQUIFER
(SEPTEMBER 2013-MAY 2017)**

WRR ENVIRONMENTAL SERVICES, INC.
5200 RYDER ROAD
EAU CLAIRE, WISCONSIN



EXTENT OF PETROLEUM-RELATED COMPOUNDS IN MID-DEPTH AQUIFER													
Well ID	GP-75 ⁽¹⁾	GP-85 ⁽²⁾	W-18A	W-19R	W-22	W-31A	MW-111A	RW-6	RW-7	RW-12	RW-13	NR 140	
Date	10/16	10/16	5/17	5/17	5/17	5/17	5/17	5/17	5/17	8/17	8/17	PAL	ES
Benzene	<u>70.6 J</u>		<u>2.4</u>	<u>105</u>	<u>0.70 J</u>		<u>12.1</u>		<u>11</u>			<u>0.5</u>	<u>5</u>
Ethylbenzene	<u>1,800</u>	<u>2,010</u>		<u>497</u>		<u>1,680</u>		<u>920</u>	<u>200</u>	<u>1,730</u>	<u>3,880</u>	<u>140</u>	<u>700</u>
Toluene	<u>20,400</u>	<u>56,500</u>		<u>23,000</u>	<u>191</u>	<u>37,400</u>		<u>4,700</u>		<u>38,200</u>	<u>47,500</u>	<u>160</u>	<u>800</u>
1,2,4-Trimethylbenzene		<u>119</u>									<u>227</u>	<u>96</u>	<u>480</u>
m-&p-Xylene	<u>2,310</u>	<u>5,650</u>		<u>668</u>		<u>4,700</u>		<u>1,800</u>		<u>5,630</u>	<u>11,800</u>	<u>400</u>	<u>2,000</u>
o-Xylene	<u>730</u>	<u>2,000</u>		<u>390</u>		<u>1,480</u>		<u>500</u>		<u>1,660</u>	<u>3,620</u>	<u>400</u>	<u>2,000</u>

NOTES:
 Only wells with one or more petroleum-related compounds at concentrations greater than their NR 140 Preventative Action Limits (PALs) or Enforcement Standard (ES) are shown on this table.
 Compounds at concentrations greater than their NR 140 PAL are underlined and greater than their NR 140 ES are in **bold**.
 All concentrations are in micrograms per liter (µg/l), equivalent to parts per billion (ppb).
 (1) Eight groundwater samples were collected at separate depths from GP-75. Analytical results from the sample collected at 46 ft to 50 ft bgs are presented on this table.
 (2) Four groundwater samples were collected at separate depths from GP-85. Analytical results from the samples collected between 41 ft and 54 ft bgs are presented on this table.



LEGEND

- ESTIMATED EXTENT OF PETROLEUM-RELATED VOCs AT CONCENTRATIONS TWO ORDERS OF MAGNITUDE GREATER THAN AN NR 140 ES
- ESTIMATED EXTENT OF PETROLEUM-RELATED VOCs AT CONCENTRATIONS GREATER THAN AN NR 140 ES
- GEOPROBE BORING SAMPLE LOCATION
- + MONITORING WELL
- ⊕ MONITORING WELL NEST
- ▲ RECOVERY WELL
- PRODUCTION WELL
- ⊖ DRINKING WATER WELL
- △ SEEP LOCATION
- ⊥ POWER POLE
- ⊙ LIGHT POLE
- x— FENCE
- ~ TREE LINE

NOTES

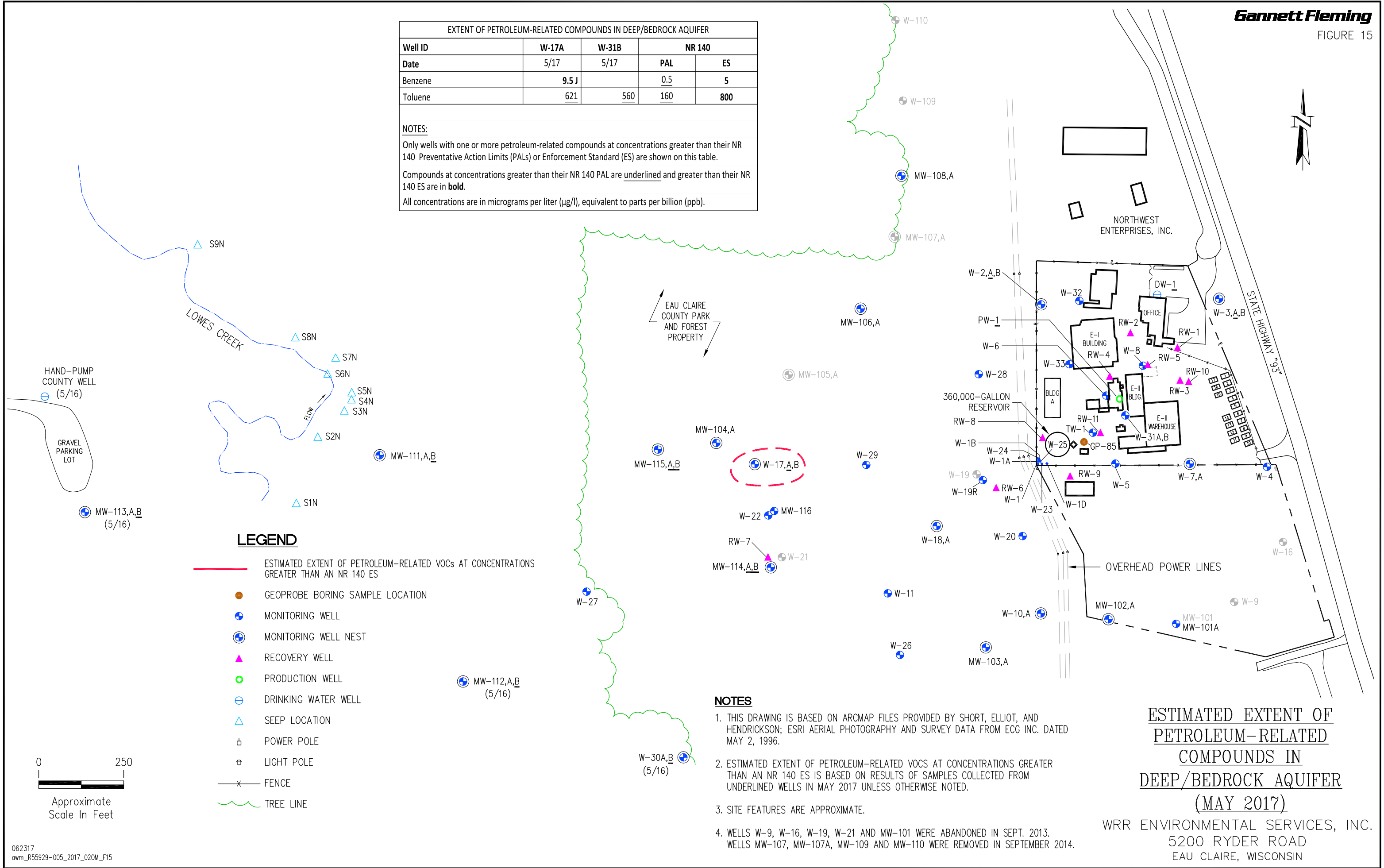
1. THIS DRAWING IS BASED ON ARCMAP FILES PROVIDED BY SHORT, ELLIOT, AND HENDRICKSON; ESRI AERIAL PHOTOGRAPHY AND SURVEY DATA FROM ECG INC. DATED MAY 2, 1996.
2. ESTIMATED EXTENT OF PETROLEUM-RELATED VOCs AT CONCENTRATIONS GREATER THAN AN NR 140 ES IS BASED ON RESULTS OF SAMPLES COLLECTED FROM UNDERLINED WELLS IN MAY 2017 UNLESS OTHERWISE NOTED.
3. SITE FEATURES ARE APPROXIMATE.
4. SHADED WELLS W-9, W-16, W-21, AND MW-101 WERE REMOVED IN SEPTEMBER 2013, AND WELLS MW-107, MW-107A, MW-109, AND MW-110 WERE REMOVED IN SEPTEMBER 2014.

ESTIMATED OFF-SITE EXTENT OF PETROLEUM-RELATED COMPOUNDS IN MID-DEPTH AQUIFER (MAY 2017)

WRR ENVIRONMENTAL SERVICES, INC.
 5200 RYDER ROAD
 EAU CLAIRE, WISCONSIN

EXTENT OF PETROLEUM-RELATED COMPOUNDS IN DEEP/BEDROCK AQUIFER				
Well ID	W-17A	W-31B	NR 140	
Date	5/17	5/17	PAL	ES
Benzene	<u>9.5</u>		0.5	5
Toluene	<u>621</u>	<u>560</u>	160	800

NOTES:
 Only wells with one or more petroleum-related compounds at concentrations greater than their NR 140 Preventative Action Limits (PALs) or Enforcement Standard (ES) are shown on this table.
 Compounds at concentrations greater than their NR 140 PAL are underlined and greater than their NR 140 ES are in **bold**.
 All concentrations are in micrograms per liter (µg/l), equivalent to parts per billion (ppb).



**ESTIMATED EXTENT OF
 PETROLEUM-RELATED
 COMPOUNDS IN
 DEEP/BEDROCK AQUIFER
 (MAY 2017)**

WRR ENVIRONMENTAL SERVICES, INC.
 5200 RYDER ROAD
 EAU CLAIRE, WISCONSIN

WRR ENVIRONMENTAL SERVICES CO., INC.
EAU CLAIRE, WISCONSIN

TABLE 1

SUMMARY OF DETECTED COMPOUNDS IN RW-2, RW-4, RW-8 & RW-9 (µg/L)
JUNE 2013 THROUGH OCTOBER 2016

Compound	NR 140 ES	NR 140 PAL	Sample Date, Well ID and Lab								
			6/13 ⁽¹⁾	9/13	10/13	9/14		10/14		11/14	
			RW-9	RW-9	RW-9	RW-8	RW-9	RW-8	RW-9	RW-8	RW-9
			Pace	NLS	Pace	NLS	NLS	NLS	NLS	NLS	NLS
Acetone	9,000	1,800	<2.6	<1.9	<2.6	<4.2	<4.2	4.3	<4.2	<4.2	4.7
Chloroethane	400	80	<0.44	<1.2	2.0	<1.3	<1.3	<1.2	<1.3	<1.3	
1,1-Dichloroethane	850	85	<0.28	2.2	3.5	0.29	0.87	1.5	0.32	0.79	<0.22
cis-1,2-Dichloroethylene	70	7	0.61	8.1	12.5	1.6	1.7	4.1	0.54	1.7	<0.15
Ethylbenzene	700	140	<0.50	5.6	5.1	<0.15	<0.15	<0.25	<0.25	<0.15	<0.15
Isopropyl Ether	NSE	NSE	<0.50	<0.64	<0.50	<0.15	<0.15	0.32	<0.13	0.22	<0.15
Isopropyl Alcohol	3,000*		<40.8	<8.7	<40.8	<7.3	<7.3	14	<8.7	<7.3	<7.3
Methyl-tert-butyl ether	60	12	<0.49	<0.19	0.58	0.24	<0.19	0.92	4.9	3.3	0.93
Methylene Chloride	5	0.5	<0.36	<0.40	0.51	<0.22	<0.22	<0.40	<0.40	<0.22	<0.22
Styrene	100	10	<0.35	0.19	<0.35	<0.097	<0.097	<0.14	<0.14	<0.097	<0.097
Toluene	800	160	<0.44	4.8	8.4	<0.17	<0.17	0.55	<0.16	<0.17	<0.17
Tetrachloroethylene	5	0.5	<0.47	1.2	0.77	<0.14	0.49	<0.22	<0.22	<0.14	<0.14
Trichloroethylene	5	0.5	<0.43	0.69	<0.36	<0.15	0.21	<0.27	<0.27	<0.15	<0.15
1,1,1-Trichloroethane	200	40	4.8	1.8	7.0	<0.20	<0.20	<0.15	0.47	<0.20	0.31
1,1,2-Trichloroethane	5	0.5	<0.17	<0.17	<0.17	<0.17	0.22	<0.18	<0.18	<0.17	<0.17
1,2,4-Trimethylbenzene	480	96	<0.57	0.63	0.58	<0.12	<0.12	<0.28	<0.28	<0.12	<0.12
m-&p-Xylene	2,000	400	<0.82	11	12.6	<0.28	<0.28	<0.52	<0.52	<0.28	<0.28
o-Xylene			<0.50	7.1	6.1	<0.12	<0.12	0.37	<0.17	<0.12	<0.12
Vinyl Chloride	0.2	0.02	<0.18	0.55	1.1	<0.17	0.18	1.1	<0.17	0.24	<0.17
Total VOCs			5.41	43.86	58.74	2.13	3.67	27.16	6.23	6.25	5.94

Compound	NR 140 ES	NR 140 PAL	Sample Date, Well ID and Lab								
			12/14		01/15	02/15		03/15		04/15	
			RW-8	RW-9	RW-9	RW-8	RW-9	RW-8	RW-9	RW-8	RW-9
			NLS	NLS	NLS	NLS	NLS	NLS	NLS	NLS	NLS
Acetone	9,000	1,800	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	6.5	<4.2
Chloroethane	400	80	<1.2	<1.2	<1.3	<1.2	<1.2	<0.59	<0.59	<0.59	<0.59
1,1-Dichloroethane	850	85	0.56	<0.13	0.37	<0.25	0.37	<0.21	0.34	<0.21	0.56
cis-1,2-Dichloroethylene	70	7	0.88	<0.10	0.16	<0.30	<0.30	<0.22	0.28	<0.22	0.37
Ethylbenzene	700	140	<0.25	<0.25	<0.15	<0.22	<0.22	<0.17	<0.17	<0.17	<0.17
Isopropyl Ether	NSE	NSE	0.15	<0.13	<0.15	<0.24	<0.24	<0.21	<0.21	<0.21	<0.21
Isopropyl Alcohol	3,000*		10	18	<7.3	<5.9	7.6	<8.4	<8.4	31	<8.4
Methyl-tert-butyl ether	60	12	0.21	1.4	0.88	<0.28	0.74	0.99	0.25	9.2	0.52
4 Methyl-2-pentanone (MIBK)	500	50	<0.64	<0.64	<0.56	0.63	<0.31	<0.42	<0.42	<0.42	<0.42
Methylene Chloride	5	0.5	<0.40	<0.40	<0.22	<0.25	0.33	0.18	0.73	0.25	0.49
Styrene	100	10	<0.14	<0.14	<0.097	<0.19	<0.19	<0.15	<0.15	<0.15	<0.15
Toluene	800	160	<0.16	<0.16	<0.17	<0.18	<0.18	0.25	<0.20	<0.20	<0.20
Tetrachloroethylene	5	0.5	<0.22	<0.22	0.14	<0.21	<0.21	<0.22	<0.22	<0.22	0.32
Trichloroethylene	5	0.5	<0.27	<0.27	<0.15	<0.31	<0.31	<0.17	<0.17	<0.17	<0.17
1,1,1-Trichloroethane	200	40	<0.15	0.22	0.20	<0.26	<0.26	<0.20	<0.20	<0.20	<0.20
1,1,2-Trichloroethane	5	0.5	<0.18	<0.18	<0.17	<0.24	<0.24	<0.20	<0.20	<0.20	<0.20
1,2,4-Trimethylbenzene	480	96	<0.28	<0.28	<0.12	<0.21	<0.21	<0.17	<0.17	<0.17	<0.17
m-&p-Xylene	2,000	400	<0.52	<0.52	<0.28	<0.42	<0.42	<0.40	<0.40	<0.40	<0.40
o-Xylene			<0.17	<0.17	<0.12	<0.26	<0.26	<0.17	<0.17	<0.17	<0.17
Vinyl Chloride	0.2	0.02	<0.17	<0.17	<0.17	<0.16	<0.16	<0.20	<0.20	<0.20	<0.20
Total VOCs			11.80	19.62	1.75	0.63	9.04	1.42	1.60	46.95	2.26

TABLE 1

SUMMARY OF DETECTED COMPOUNDS IN RW-2, RW-4, RW-8 & RW-9 (µg/l)
JUNE 2013 THROUGH OCTOBER 2016

Compound	NR 140 ES	NR 140 PAL	Sample Date, Well ID and Lab							
			05/15		06/15		05/16			
			RW-8	RW-9	RW-8	RW-9	RW-2	RW-4	RW-8	RW-9
			NLS	NLS	NLS	NLS	Pace	Pace	Pace	Pace
Acetone	9,000	1,800	<4.2	<4.2	<4.2	<4.2	68.5 J	161	3,340	<3.0
Bromodichloromethane	0.6	0.06	ND	ND	ND	ND	<5.0	<2.0	ND	ND
Bromoform	4.4	0.44	ND	ND	ND	ND	<5.0	<2.0	ND	ND
Chloroethane	400	80	<1.2	<1.2	<1.2	<1.2	68.4	2.5 J	<9.4	<0.37
Chloroform	6	0.6	ND	ND	ND	ND	<25.0	<10.0	ND	ND
Dibromochloromethane	60	6	ND	ND	ND	ND	<5.0	<2.0	ND	ND
Dibromomethane	NSE	NSE	ND	ND	ND	ND	<4.3	<1.7	ND	ND
1,1-Dichloroethane	850	85	<0.25	0.71	<0.25	0.65	99.8	2.0 J	<6.0	0.36 J
1,1-Dichloroethene	7	0.7	ND	ND	ND	ND	30.7	<1.6	ND	ND
1,2-Dichloroethane	5	0.5	ND	ND	ND	ND	5.8 J	<0.67	ND	ND
cis-1,2-Dichloroethylene	70	7	<0.30	1.1	<0.30	0.41	954	1.7 J	<6.4	0.36 J
1,2-Dichloropropane	5	0.5	ND	ND	ND	ND	8.9 J	<0.93	ND	ND
Ethylbenzene	700	140	<0.22	<0.22	<0.22	<0.22	15.8	<2.0	<12.5	<0.50
Isopropyl Ether	NSE	NSE	<0.24	<0.24	<0.24	<0.24	<5.0	<2.0	<12.5	<0.50
Isopropyl Alcohol	3,000*		<5.9	12	<5.9	<5.9	<243	<97.4	<609	<24.3
Methyl-tert-butyl ether	60	12	1.2	0.67	<0.28	<0.28	<1.7	<0.70	<4.4	<0.17
4 Methyl-2-pentanone (MIBK)	500	50	<0.31	<0.31	<0.31	<0.31	260	<8.6	<53.5	<2.1
Methylene Chloride	5	0.5	0.25	0.44	<0.25	<0.25	12.0	1.4 J	<5.8	1.1
Methyl Ethyl Ketone	4000	800	ND	ND	ND	ND	<29.8	23.8 J	1,340	<3.0
Styrene	100	10	<0.19	<0.19	<0.19	<0.19	<5.0	<2.0	<12.5	<0.50
Toluene	800	160	<0.18	<0.18	<0.18	<0.18	188	<2.0	<12.5	<0.50
Tetrachloroethylene	5	0.5	<0.21	<0.21	<0.21	<0.21	41.5	<2.0	<12.5	<0.50
Trichloroethylene	5	0.5	<0.31	<0.31	<0.31	<0.31	27.0	<1.3	<8.3	1.3
1,1,1-Trichloroethane	200	40	<0.26	0.30	<0.26	0.53	1,220	2.3 J	<12.5	2.0
1,1,2-Trichloroethane	5	0.5	<0.24	<0.24	<0.24	<0.24	11.2	<0.79	<4.9	<0.20
1,2,4-Trimethylbenzene	480	96	<0.21	<0.21	<0.21	<0.21	<5.0	<2.0	<12.5	<0.50
m-&p-Xylene	2,000	400	<0.42	<0.42	<0.42	<0.42	<10.0	<4.0	<25.0	<1.0
o-Xylene			<0.26	<0.26	<0.26	<0.26	12.7	<2.0	<12.5	<0.50
Vinyl Chloride	0.2	0.02	<0.16	<0.16	<0.16	<0.16	13.1	<0.70	<4.4	<0.18
Total VOCs			1.45	15.22	0.00	1.59	2,954	161.0	4,680	4.4

TABLE 1

SUMMARY OF DETECTED COMPOUNDS IN RW-2, RW-4, RW-8 & RW-9 (µg/l)
JUNE 2013 THROUGH OCTOBER 2016

Compound	NR 140 ES	NR 140 PAL	Sample Date, Well ID and Lab			
			10/16			
			RW-2 NLS	RW-4 NLS	RW-8 NLS	RW-9 NLS
Acetone	9,000	<u>1,800</u>	<210	7.5	<u>3,000</u>	26
Bromodichloromethane	0.6	<u>0.06</u>	<9.7	<0.19	<9.7	2.4
Bromoform	4.4	<u>0.44</u>	<7.9	<0.16	13	32
Chloroethane	400	<u>80</u>	<77	35	<77	<0.93
Chloroform	6	<u>0.6</u>	<8.4	<0.17	<8.4	0.59
Dibromochloromethane	60	<u>6</u>	<8.6	<0.17	<8.6	13
Dibromomethane	NSE	<u>NSE</u>	<10	<0.21	<10	0.34
1,1-Dichloroethane	850	<u>85</u>	46	2.7	<9.0	0.21
1,2-Dichloroethane	5	<u>0.5</u>	<9.7	0.24	ND	ND
cis-1,2-Dichloroethylene	70	<u>7</u>	650	0.52	<8.8	0.94
trans 1,2-Dichloroethene	100	<u>20</u>	<7.3	0.46	ND	ND
Ethylbenzene	700	<u>140</u>	<15	<0.30	<15	<0.19
Isopropyl Ether	NSE	<u>NSE</u>	<9.4	<0.19	<9.4	<0.22
Isopropyl Alcohol	3,000*		<250	23	770	49
Methyl-tert-butyl ether	60	<u>12</u>	<11	0.48	<11	<0.21
4 Methyl-2-pentanone (MIBK)	500	<u>50</u>	<20	1.2	<20	<0.54
Methylene Chloride	5	<u>0.5</u>	14	<u>1.8</u>	<9.9	<u>1.3</u>
Methyl Ethyl Ketone	4000	<u>800</u>	<25	0.71	<u>1,500</u>	3.1
Styrene	100	<u>10</u>	<8.0	<0.16	<8.0	<0.19
Toluene	800	<u>160</u>	<9.6	1.7	28	0.44
Tetrachloroethylene	5	<u>0.5</u>	8.7	<u>0.64</u>	<8.3	0.40
Trichloroethylene	5	<u>0.5</u>	<12	<0.24	<12	<u>1.8</u>
1,1,1-Trichloroethane	200	<u>40</u>	340	<0.17	<8.6	2.8
1,1,2-Trichloroethane	5	<u>0.5</u>	18	<0.17	<8.4	<0.20
1,2,4-Trimethylbenzene	480	<u>96</u>	<9.2	<0.18	<9.2	<0.21
m-&p-Xylene	2,000	<u>400</u>	<16	0.49	<16	<0.37
o-Xylene			<7.9	0.18	<7.9	<0.19
Vinyl Chloride	0.2	<u>0.02</u>	<8.1	0.38	<8.1	<0.17
Total VOCs			1,076.7	77.0	5,311	134.3

NOTES:

Samples were analyzed for a full suite of VOCs using Method 8260. Only compounds detected in one or more samples are listed on this table.

ND = Compound not detected. See lab report for results.

Values above an NR 140 PAL but less than the ES are underlined.

Values above an NR 140 ES are bold.

NR 140 ES and PAL values listed on table downloaded from WAC website - http://docs.legis.wisconsin.gov/code/admin_code/nr/100/140.pdf on 9/10/13.

NSE = No NR 140 Enforcement Standard established.

FOOTNOTE:

(1) The June 2013 sample was collected from RW-9 under non-pumping conditions.

WRR ENVIRONMENTAL SERVICES, INC.
EAU CLAIRE, WISCONSIN

TABLE 2

ESTIMATED VOLUME OF WATER & MASS OF VOCs REMOVED FROM RW-8 & RW-9
JUNE 2013 - OCTOBER 2016

Sample Date	Meter Reading Date	Total Volume of Water Removed (gallons)	Total VOC Concentration ($\mu\text{g}/\text{l}$) ⁽¹⁾	Incremental Mass of VOCs Removed (lbs)	Cumulative Estimated Total Mass of VOCs Removed (lbs)
06/11/13	06/13/13	230	5.41	0.00	0.00
09/24/13	09/30/13	8,830	43.86	0.00	0.00
10/30/13	10/31/13	10,069	58.74	0.00	0.00
09/09/14	09/09/14	257,570	2.90	0.06	0.07
10/08/14	10/31/14	372,330	16.70	0.01	0.08
11/12/14	11/12/14	379,270	6.10	0.00	0.08
12/04/15	12/04/14	387,100	15.71	0.00	0.08
01/07/15	01/07/15	393,200	1.75	0.00	0.08
02/04/15	02/04/15	412,620	4.84	0.00	0.08
03/11/15	03/11/15	421,530	1.51	0.00	0.08
04/09/15	04/09/15	428,200	24.61	0.00	0.08
05/05/15	05/05/15	433,500	8.34	0.00	0.08
06/03/15	06/03/15	437,950	0.80	0.00	0.08

ESTIMATED VOLUME OF WATER & MASS OF VOCs REMOVED FROM
RW-2, RW-4, RW-8, & RW-9 (MAY 2016 - JULY 2017)

Sample Date	Meter Reading Date	Total Volume of Water Removed (gallons)	Total VOC Concentration ($\mu\text{g}/\text{l}$) ⁽²⁾	Incremental Mass of VOCs Removed (lbs)	Cumulative Estimated Total Mass of VOCs Removed (lbs)
05/25/16	05/25/16	728,425	1,949.9	2.36	2.44
10/05/16	10/05/16	960,658	1,649.8	3.49	5.93
12/29/16 ⁽³⁾	12/29/16	1,171,933	1,649.8	2.91	8.84
07/31/17 ⁽⁴⁾	07/31/17	1,680,599	1,649.8	7.00	15.84

TABLE 2

ESTIMATED VOLUME OF WATER & MASS OF VOCs REMOVED FROM RW-8 & RW-9
JUNE 2013 - OCTOBER 2016

NOTES:

RW-8 and RW-9 were restarted on July 11, 2013.

RW-2 and RW-4 were restarted on July 20, 2015, and RW-10 was started on July 24, 2015.

The water pumped by RW-2, RW-4, RW-8, RW-9, and RW-10 is discharged through the same "combined" flowmeter into the Turbostripper. RW-2, RW-4, RW-8, and RW-9 are not metered separately. RW-10 has a separate flowmeter at its wellhead.

1,523,850 gallons are subtracted from all combined meter readings measured in the field to account for the combined meter's initial reading on July 11, 2013, when RW-8 and RW-9 were restarted.

The adjusted volume of water pumped by RW-10 measured on each date (as shown in Table 8 of GF's February 2017 O&M Report) is subtracted from all combined meter readings after July 2015 to calculate the volume of water pumped from RW-2, RW-4, RW-8, and RW-9.

FOOTNOTES:

(1) Total VOC concentrations between July 2013 and June 2015 were calculated by adding the total VOC concentrations measured in RW-8 and RW-9 on each date and dividing that total by 2.

(2) Total VOC concentrations after June 2015 were calculated by adding the total VOC concentrations measured in RW-2, RW-4, RW-8, and RW-9 on each date and dividing that total by 4.

(3) Because no VOC samples were collected from RW-2, RW-4, RW-8, or RW-9 after October 5, 2016, the total VOC mass removed by RW-10 through December 29, 2016, was calculated by using the total VOC concentrations calculated for October 2016.

(4) No samples were collected from RW-2, RW-4, RW-8, or RW-9 between October 2016 and July 31, 2017. The mass of VOCs measured on October 6, 2016, was used to estimate the mass of VOCs removed by the combined pumping of these four wells between October 6, 2016, and July 31, 2017.

Calculation of Incremental Mass of VOCs Removed:

$$[(V_2 - V_1) \times (C_2 + C_1) / 2 \times 3.785 \text{ l/gal}] \times 1 \text{ lb} / 453,600,000 \text{ } \mu\text{g}$$

Where: V_2 = total volume of water pumped on date of sample in gallons

V_1 = total volume of water pumped on date of previous sample used in calculation in gallons

C_2 = total VOC concentration measured on date of sample in $\mu\text{g}/\ell$

C_1 = total VOC concentration measured on previous sample date in $\mu\text{g}/\ell$

With the exception of the first sample date shown on the table, all VOC concentrations used to calculate the incremental mass of VOCs removed during a given time period are the average of the total VOC concentrations measured on the current and previous sample dates.

WRR ENVIRONMENTAL SERVICES CO., INC.
EAU CLAIRE, WISCONSIN

TABLE 3

SUMMARY OF DETECTED COMPOUNDS IN RW-6 (µg/l)
OCTOBER 2013 THROUGH JUNE 2017

Compound	NR 140 ES	NR 140 PAL	Sample Date and Lab					
			10/13	03/14	4/14	5/14	7/14	8/14
			Pace	NLS	NLS	NLS	NLS	NLS
Acetone	9,000	1,800	543	2,500	2,800	2,200	6,000	3,800
Benzene	5	0.5	<50.0	32	33	33	<180	<66
Chloroethane	400	80	296	210	230	190	<1,300	<590
1,1-Dichloroethane	850	85	47.4	93	88	88	<220	110
1,2-Dichloroethane	5	0.5	<47.6	14	<12	<11.0	<210	<120
cis-1,2-Dichloroethylene	70	7	301	160	140	110	<150	76
Ethylbenzene	700	140	1,080	120	230	400	<150	560
Isopropyl Alcohol	3,000 ⁽¹⁾		<4,080	3,100	2,200	2,100	<7,300	<4,400
Isopropyl Ether	NSE	NSE	<50.0	24	21	13	<150	<63
Methylene Chloride	5	0.5	51.5	<20	<20	<11	<220	<200
Methyl Ethyl Ketone	4,000	800	<270	580	560	310	<1,000	670
4 Methyl-2-pentanone (MIBK)	500	50	1,110	1,100	810	1,100	<560	960
Toluene	800	160	11,500	7,300	8,200	9,200	7,300	9,500
1,2,4-Trimethylbenzene	480	96	<50.0	38	32	22	<120	<140
1,3,5-Trimethylbenzene			ND	ND	ND	10	<130	<140
m-&p-Xylene	2,000	400	2,310	1,700	1,700	2,000	1,500	2,100
o-Xylene			607	520	490	630	390	630
Vinyl Chloride	0.2	0.02	151	110	99	110	<170	100
Total VOCs			17,454	17,601	17,633	18,516	15,190	18,506

Compound	NR 140 ES	NR 140 PAL	Sample Date and Lab					
			9/14	10/14	10/14	11/14	12/14	01/15
			NLS	NLS	Pace	NLS	NLS	NLS
Acetone	9,000	1,800	4,400	3,400	6,660	6,400	4,500	4,700
Chloroethane	400	80	<1,000	<940	264	<150	<1200	<1300
1,1-Dichloroethane	850	85	<170	<100	139	<170	<130	<220
cis-1,2-Dichloroethylene	70	7	<120	98	83.7	<120	<100	<150
Ethylbenzene	700	140	<120	530	401	<120	420	520
Isopropyl Alcohol	3,000 ⁽¹⁾		<5,900	<7,000	3,240	<5,900	<8,700	<7,300
Methyl Ethyl Ketone	4,000	800	<800	<800	735	<800	<1,000	<1,000
4 Methyl-2-pentanone (MIBK)	500	50	1,500	1,000	1,230	1,200	1,500	1,100
Toluene	800	160	14,000	11,000	11,000	12,000	13,000	12,000
m-&p-Xylene	2,000	400	2,800	2,500	1,830	2,400	2,500	2,700
o-Xylene			790	770	481	720	780	800
Vinyl Chloride	0.2	0.02	<130	140	87.6	<130	<170	<170
Total VOCs			23,490	19,438	26,151	22,720	22,700	21,820

TABLE 3

SUMMARY OF DETECTED COMPOUNDS IN RW-6 ($\mu\text{g}/\ell$)
OCTOBER 2013 THROUGH JUNE 2017

Compound	NR 140 ES	NR 140 PAL	Sample Date and Lab					
			02/15	03/15	04/15	05/15	06/15	07/15
			NLS	NLS	NLS	NLS	NLS	NLS
Ethylbenzene	700	140	900	<140	850	890	850	760
4 Methyl-2-pentanone (MIBK)	500	50	440	810	<330	580	570	350
Toluene	800	160	8,700	10,000	7,600	10,000	7,500	6,100
m-&p-Xylene	2,000	400	2,200	2,400	1,700	2,000	1,600	1,500
o-Xylene			580	690	470	580	350	420
Vinyl Chloride	0.2	0.02	<160	<160	<160	<120	<120	130
Total VOCs			12,820	13,900	10,620	14,050	10,870	9,260

Compound	NR 140 ES	NR 140 PAL	Sample Date and Lab					
			08/15	09/15	10/15	11/15	12/15	04/16
			NLS	NLS	NLS	NLS	NLS	NLS
Acetone	9,000	1,800	<2,100	<2,000	<830	<830	<830	3,000
Chloroethane	400	80	<610	<740	<120	<250	<250	200
Ethylbenzene	700	140	780	885	720	880	680	1,200
Isopropyl Alcohol	3,000 ⁽¹⁾		<2,900	<1,700	<1700	<1,200	<1,200	3,400
Methylene Chloride	5	0.5	190	<120	<36	110	<51	<47
Methyl Ethyl Ketone	4,000	800	<500	<150	<200	<200	<200	700
4 Methyl-2-pentanone (MIBK)	500	50	390	156	<83	<62	<62	1,100
Toluene	800	160	5,100	5,060	2,100	3,100	2,100	11,000
1,2,4-Trimethylbenzene	480	96	<100	<140	<33	<41	<41	44
1,3,5-Trimethylbenzene			<130	<46	<41	<52	<52	<43
m-&p-Xylene	2,000	400	1,600	1,640	1,300	1,700	1,300	2,700
o-Xylene			380	479	360	450	350	770
Vinyl Chloride	0.2	0.02	94	<100	41	48	45	<34
Total VOCs			8,534	8,220	4,521	6,288	4,475	24,114

TABLE 3

SUMMARY OF DETECTED COMPOUNDS IN RW-6 (µg/l)
OCTOBER 2013 THROUGH JUNE 2017

Compound	NR 140 ES	NR 140 PAL	Sample Date and Lab					
			05/16	05/16	07/16	08/16	09/16	10/16
			Pace	NLS	NLS	NLS	NLS	NLS
Acetone	9,000	<u>1,800</u>	<u>3,740</u>	<u>6,700</u>	<4,200	<4,200	<3,300	<3,300
Chloroethane	400	<u>80</u>	<u>273</u>	<1500	<1500	<930	<740	<1,200
1,1-Dichloroethane	850	<u>85</u>	54.6	<180	<180	<190	<150	<140
cis-1,2-Dichloroethylene	70	<u>7</u>	<u>39</u>	<180	<180	<240	<190	<140
Ethylbenzene	700	<u>140</u>	978	1,200	910	1,100	880	930
Isopropyl Alcohol	3,000⁽¹⁾		3,910	5,500	<5,000	<4,400	<3,500	<4,000
Methyl Ethyl Ketone	4,000	<u>800</u>	533.0	<500	<500	<570	<450	<400
4 Methyl-2-pentanone (MIBK)	500	<u>50</u>	1,030	1,100	550	650	570	<320
Toluene	800	<u>160</u>	11,100	15,000	8,700	7,400	7,400	6,700
m-&p-Xylene	2,000	<u>400</u>	2,450	2,900	1,900	2,000	1,700	1,900
o-Xylene			647	720	550	560	470	540
Vinyl Chloride	0.2	<u>0.02</u>	43.3	<160	<160	<170	<140	<130
Total VOCs			24,798	33,120	12,610	11,710	11,020	10,070

Compound	NR 140 ES	NR 140 PAL	Sample Date and Lab					
			11/16	12/16	01/17	02/17	03/17	04/17
			ALS	NLS	NLS	NLS	NLS	NLS
Ethylbenzene	700	<u>140</u>	820	730	<u>550</u>	760	850	830
4 Methyl-2-pentanone (MIBK)	500	<u>50</u>	<270	<u>230</u>	<270	<160	<210	<200
Toluene	800	<u>160</u>	5,600	5,800	4,200	4,800	5,100	5,000
m-&p-Xylene	2,000	<u>400</u>	1,700	<u>1,500</u>	<u>1,100</u>	<u>1,500</u>	1,600	1,900
o-Xylene			460	<u>450</u>	<u>330</u>	<u>440</u>	480	540
Total VOCs			8,580	8,710	6,180	7,500	8,030	8,270

Compound	NR 140 ES	NR 140 PAL	Sample Date and Lab					
			05/17	06/17				
			NLS	NLS				
Ethylbenzene	700	<u>140</u>	920	710				
Methyl Ethyl Ketone	4,000	<u>800</u>	<u>950</u>	<280				
4 Methyl-2-pentanone (MIBK)	500	<u>50</u>	<u>310</u>	<270				
Toluene	800	<u>160</u>	4,700	3,600				
m-&p-Xylene	2,000	<u>400</u>	1,800	<u>1,400</u>				
o-Xylene			500	<u>400</u>				
Total VOCs			9,180	6,110				

NOTES:

-- = No NR 140 Standard

Values above an NR 140 PAL but less than the ES are underlined.

Values above an NR 140 ES are in bold.

NR 140 ES and PAL values listed on table downloaded from WAC website - http://docs.legis.wisconsin.gov/code/admin_code/nr/100/140.pdf on 9/10/13.

Some reported values fall below the Limit of Quantitation set by the lab.

ND=Non-Detect

Each subsection of this table includes only those compounds detected in one or more samples collected during the range of dates shown.

FOOTNOTE:

(1) There is no NR 140 PAL or ES for 2-propanol (aka isopropyl alcohol). The WDNR has recommended using the health advisory limit of 3,000 ppb based on a 10⁻⁶ cancer risk taken from the following website: <http://dnr.wi.gov/topic/drinkingwater/documents/halttable.pdf>.

WRR ENVIRONMENTAL SERVICES CO., INC.
EAU CLAIRE, WISCONSIN

TABLE 4

ESTIMATED VOLUME OF WATER AND MASS OF VOCs REMOVED BY RW-6

Sample Date	Meter Reading Date	Total Pumped (gallons) ⁽¹⁾	Total VOC Concentrations (µg/ℓ)	Incremental Amount Removed (lbs)	Cumulative VOCs Removed (lbs)
05/89	05/89	1,096	1,184,030	11	11
12/89	12/89	75,606	1,159,700	729	740
06/90	06/90	119,466	1,118,970	417	1,157
10/90	10/90	261,836	1,476,900	1,542	2,698
6/91 & 7/91	6/91 & 7/91	509,069	751,000	2,298	4,997
4/92 & 5/92	4/92 & 5/92	691,930	1,085,000	1,401	6,397
4/93 & 5/93	4/93 & 5/93	1,099,126	493,000	2,681	9,078
10/93 - 12/93	10/93 - 12/93	1,215,610	1,325,300	884	9,962
4/94 & 5/94	4/94 & 5/94	1,369,029	321,300	1,054	11,016
11/01/94	10/94 & 11/94	1,642,841	118,700	503	11,518
05/08/95	4/95 & 5/95	1,917,548	65,129	211	11,729
05/31/97	12/97	2,357,394	529,708	1,092	12,821
05/31/98	05/98	3,742,984	294,920	4,767	17,588
12/31/99	12/99	8,008,954	98,237	6,998	24,585
05/31/00	05/00	8,922,314	232,390	1,260	25,845
04/30/01	04/01	10,694,054	73,720	2,263	28,108
05/15/02	12/03	13,390,764	98,960	1,943	30,051
12/03	12/03	15,377,614	98,960	1,641	31,692
10/30/13	10/31/13	15,387,344	17,997	4.7	31,696
03/04/14	04/01/14	15,648,760	17,601	38.8	31,735
05/06/14	05/06/14	15,722,110	18,516	11.1	31,746
07/09/14	07/09/14	15,800,900	15,190	11.1	31,757
08/05/14	08/05/14	15,913,010	18,506	15.8	31,773
09/09/14	09/09/14	16,036,320	23,490	21.6	31,795
10/08/14	10/31/14	16,229,670	22,795	37.3	31,832
11/12/14	11/12/14	16,277,750	22,720	9.1	31,841
12/04/14	12/04/14	16,363,270	22,700	16.2	31,857
01/07/15	01/07/15	16,455,540	21,820	17.1	31,875
02/04/15	02/04/15	16,544,590	12,820	12.9	31,887
03/11/15	03/11/15	16,627,200	13,900	9.2	31,897
04/09/15	04/09/15	16,697,770	10,620	7.2	31,904
05/05/15	05/05/15	16,751,300	14,050	5.5	31,909
06/03/15	06/03/15	16,808,080	10,870	5.9	31,915

TABLE 4

ESTIMATED VOLUME OF WATER AND MASS OF VOCs REMOVED BY RW-6

Sample Date	Meter Reading Date	Total Pumped (gallons) ⁽¹⁾	Total VOC Concentrations (µg/ℓ)	Incremental Amount Removed (lbs)	Cumulative VOCs Removed (lbs)
07/08/15	07/08/15	16,855,160	9,260	4.0	31,919
08/04/15	08/04/15	16,897,260	8,534	3.1	31,922
09/09/15	09/09/15	16,947,240	8,220	3.5	31,926
10/14/15	10/14/15	16,991,350	4,521	2.3	31,928
11/04/15	11/04/15	17,026,000	6,288	1.6	31,930
12/03/15	12/03/15	17,053,890	4,475	1.3	31,931
04/05/16	04/05/16	17,108,400	24,114	6.5	31,937
05/04/16	05/04/16	17,202,080	33,120	22.4	31,960
07/12/16	07/12/16	17,375,210	12,610	33.0	31,993
08/10/16	08/10/16	17,435,560	11,710	6.1	31,999
09/06/16	09/06/16	17,500,900	11,020	6.2	32,005
10/05/16	10/05/16	17,551,550	10,070	4.5	32,010
11/03/16	11/03/16	17,592,070	8,580	3.2	32,013
12/06/16	12/06/16	17,649,310	8,710	4.1	32,017
01/09/17	01/09/17	17,709,330	6,180	3.7	32,021
02/07/17	02/07/17	17,747,030	7,500	2.2	32,023
03/08/17	03/08/17	17,811,590	8,030	4.2	32,027
04/05/17	04/05/17	17,853,610	8,270	2.9	32,030
05/02/17	05/02/17	17,897,170	9,180	3.2	32,033
06/06/17	06/06/17	17,967,900	6,110	4.5	32,038

TABLE 4

ESTIMATED VOLUME OF WATER AND MASS OF VOCs REMOVED BY RW-6

NOTES:

VOCs = Total Volatile Organic Compounds measured on sampling date.

The total gallons removed by RW-6 is equal to the meter reading measured on each date plus 8,889,000 gallons to account for periods when the meter was not functioning properly.

FOOTNOTES:

(1) Volumes pumped from 1989 through 2003 are based on Bi-Monthly Progress Reports prepared by WRR and submitted to USEPA; Table 4 of SEH's September 2001 *Evaluation of Supplemental Corrective Action Measures and Plan of Activities* report; and untitled table prepared by Mae Willkom (WDNR) using monthly pumping volumes reported by WRR to USEPA.

(2) Total VOC concentrations for October 1990 and April 1993 based on lab reports of samples analyzed by WRR's laboratory; other Total VOCs from 4/89 through 11/94 based on untitled table provided by WRR (most likely internal lab results); Total VOC concentrations for May 1994 through May 1995 based on Table 10 of Eder Associates December 1996 *RCRA Facility Investigation* report; Total VOC concentrations for May 1997 through April 2001 based on Table A-3 included with SEH's September 2001 *Evaluation of Supplement Corrective Measures and Plan of Activities* report; Total VOC concentrations for May 2002 based on Table 4 prepared and provided by WRR (unpublished - likely update of Table 2 of SEH's September 2001 report); Total VOC concentration for December 2003 and February 2007 equal to May 2002 total VOC concentration.

Calculation of Incremental Mass of VOCs Removed:

$$[(V_2 - V_1) \times (C_2 + C_1)/2 \times 3.785 \text{ l/gal}] \times 1 \text{ lb}/453,600,000 \text{ } \mu\text{g}$$

Where: V_2 = total volume of water pumped on date of sample in gallons

V_1 =

total volume of water pumped on date of previous sample used in calculation in gallons

C_2 = total VOC concentration measured on date of sample in $\mu\text{g/l}$

C_1 = total VOC concentration measured on previous sample date in $\mu\text{g/l}$

With the exception of the first sample date shown on the table, all VOC concentrations used to calculate the incremental mass of VOCs removed during a given time period are the average of the total VOC concentrations measured on the current and previous sample dates.

WRR ENVIRONMENTAL SERVICES CO., INC.
EAU CLAIRE, WISCONSIN

TABLE 5

SUMMARY OF DETECTED COMPOUNDS IN RW-7 (µg/l)
AUGUST 2012 THROUGH JULY 2017

Compound	NR 140 ES	NR 140 PAL	Sample Date and Lab						
			08/12	09/12	10/12	11/12	12/12	01/13	02/13
			NLS	NLS	NLS	NLS	NLS	NLS	NLS
Benzene	5	0.5	<13	<9.8	<26	11	<6.4	<2.6	17
Chloroethane	400	80	120	120	<210	190	210	120	220
1,1-Dichloroethane	850	85	27	40	<19	46	61	42	87
cis-1,2-Dichloroethylene	70	7	<10	<10	<21	7.8	36	35	160
trans-1,2-Dichloroethylene	100	20	<9.7	<13	<19	<6.5	4.9	3.0	5.3
Ethylbenzene	700	140	290	100	310	47	30	<2.2	190
Isopropyl Ether	NSE	NSE	<9.5	<12	<19	7.9	<4.7	5.6	7.8
Methylene Chloride	5	0.5	<20	27	<100	<12	<10	<4.0	<10
Methyl Ethyl Ketone	4,000	800	(1)	(1)	<100	<25	<25	10	<25
Styrene	100	10	<9.7	<8.6	<19	<4.3	<4.9	<1.9	5.8
Toluene	800	160	410	350	1,000	340	220	2.7	850
1,2,4-Trimethylbenzene	480	96	<12	<9.1	<24	<4.5	<5.9	<2.4	6.7
m-&p-Xylene	2,000	400	750	510	940	500	380	<4.6	660
o-Xylene			220	170	290	180	120	61	200
Vinyl Chloride	0.2	0.02	<7.5	<9.2	<15	<4.6	26	20	61
Total VOCs			1,817	1,317	2,540	1,330	1,088	299	2,471

Compound	NR 140 ES	NR 140 PAL	Sample Date and Lab						
			03/13	04/13	05/13	06/13		07/13	08/13
			NLS	NLS	NLS	NLS	Pace	NLS	NLS
Benzene	5	0.5	13	8.0	11	9.3	9.7	12	16
n-Butylbenzene	NSE	NSE	(1)	(1)	(1)	<7.3	2.1	<7.3	<7.3
Chloroethane	400	80	190	130	160	150	178	140	210
1,4-Dichlorobenzene	75	15	(1)	(1)	4	3.8	<2.2	<3.6	<3.6
1,1-Dichloroethane	850	85	110	120	89	68	80	68	95
1,1-Dichloroethene	7	0.7	(1)	(1)	10	<6.1	6.6	<7.2	8.6
1,2-Dichloroethane	5	0.5	(1)	(1)	(1)	<4.4	2.9	<6.1	<6.1
1,2-Dichloropropane	5	0.5	(1)	(1)	(1)	<7.3	2.8	<4.4	<4.4
cis-1,2-Dichloroethylene	70	7	310	450	320	230	263	190	380
trans-1,2-Dichloroethylene	100	20	<25	13	<7.9	<7.9	5.4	<7.9	<7.9
Ethylbenzene	700	140	120	<8.2	72	85	73.9	200	220
Isopropyl Ether	NSE	NSE	<10	<14	7.3	5.9	7.4	7.4	7.3
Methylene Chloride	5	0.5	<32	<20	<10	<10	<1.8	<10	<10
Toluene	800	160	600	42	450	380	343	540	600
Tetrachloroethylene	5	0.5	<17	<8.1	<5.4	<5.4	3.0	<5.4	<5.4
Trichloroethylene	5	0.5	<22	13	<6.8	<6.8	4.6	<6.8	<6.8
1,2,4-Trimethylbenzene	480	96	<22	<8.6	<6.9	<6.9	6.6	<6.9	<6.9
m-&p-Xylene	2,000	400	580	430	450	400	545	470	540
o-Xylene			170	160	150	130	175	130	150
Vinyl Chloride	0.2	0.02	71	69	61	33	37.8	32	84
Total VOCs			2,164	1,435	1,784	1,495	1,747	1,789	2,311

TABLE 5

SUMMARY OF DETECTED COMPOUNDS IN RW-7 (µg/l)
AUGUST 2012 THROUGH JULY 2017

Compound	NR 140 ES	NR 140 PAL	Sample Date and Lab						
			09/13	10/13		11/13	12/13	01/14	2/14
			NLS	NLS	Pace	NLS	NLS	NLS	NLS
Benzene	5	0.5	14	17	10.2	14	<11	14	<11
Chloroethane	400	80	170	180	164	150	160	150	200
1,1-Dichloroethane	850	85	93	56	90.2	72	110	180	210
1,1-Dichloroethene	7	0.7	<12	<14	6.8	<14	<23	42	45
1,2-Dichloroethane	5	0.5	<9.7	<12	3.4	<12	<19	<19	<19
1,2-Dichloropropane	5	0.5	<7.0	<8.7	3.3	<8.7	<14	<14	15
cis-1,2-Dichloroethylene	70	7	340	110	391	430	710	1,200	1,600
trans-1,2-Dichloroethylene	100	20	<13	<16	8.3	<16	<25	<25	<25
Ethylbenzene	700	140	240	270	149	220	78	60	<20
Isopropyl Ether	NSE	NSE	6.9	7.6	5.1	<6.3	<10	<10	<10
Methylene Chloride	5	0.5	<16	<20	4.0	<20	<32	<32	<32
Toluene	800	160	610	630	506	570	350	450	240
Trichloroethylene	5	0.5	<11	<14	2.7	<14	<22	<22	<22
1,2,4-Trimethylbenzene	480	96	<11	<14	2.6	<21	<22	<22	<22
m-&p-Xylene	2,000	400	520	620	427	570	430	570	430
o-Xylene			130	170	130	150	130	140	130
Vinyl Chloride	0.2	0.02	61	24	49.6	65	88	140	120
Total VOCs			2,185	2,085	1,953	2,241	2,056	2,946	2,990

Compound	NR 140 ES	NR 140 PAL	Sample Date and Lab						
			03/14	4/14	5/14	7/14	8/14	9/14	10/14
			NLS	NLS	NLS	NLS	NLS	NLS	NLS
Benzene	5	0.5	<11	<11	<18	9.8	15	8.4	14
Chloroethane	400	80	190	210	180	77	160	120	200
1,1-Dichloroethane	850	85	160	150	140	63	100	97	91
1,1-Dichloroethene	7	0.7	36	36	34	14	24	21	<12
1,2-Dichloropropane	5	0.5	14	14	<18	<7.3	<7.0	<7.3	<7.0
cis-1,2-Dichloroethylene	70	7	1,200	1,100	1,100	420	790	730	460
Ethylbenzene	700	140	61	36	<15	170	150	<5.9	110
Isopropyl Ether	NSE	NSE	<10	<10	<15	<5.8	6.0	7.6	9.6
Methylene Chloride	5	0.5	<32	<32	<22	<8.9	<16	10	<16
Toluene	800	160	210	180	270	300	460	200	310
m-&p-Xylene	2,000	400	410	370	470	270	380	380	560
o-Xylene			140	140	130	79	130	140	200
Vinyl Chloride	0.2	0.02	100	100	110	54	110	100	82
Total VOCs			2,521	2,336	2,434	1,457	2,325	1,814	2,037

TABLE 5

SUMMARY OF DETECTED COMPOUNDS IN RW-7 (µg/l)
AUGUST 2012 THROUGH JULY 2017

Compound	NR 140 ES	NR 140 PAL	Sample Date and Lab						
			10/14	11/14	01/15	02/15	03/15	04/15	05/15
			Pace	NLS	NLS	NLS	NLS	NLS	NLS
Benzene	5	0.5	12.5	12	14	12.0	6.3	<4.7	<7.4
Chloroethane	400	80	223	100	280	170	190	97	140
Dichlorodifluoromethane	1,000	200	<140	9.4	<5.6	<3.4	<2.3	<4.7	<6.9
1,1-Dichloroethane	850	85	91.4	54	80	70	100	70	83
1,1-Dichloroethene	7	0.7	11.9	7.5	<4.5	4.5	8.3	6.7	7.7
1,2-Dichloroethane	5	0.5	2.9	<8.4	<5.3	<4.1	3.0	<5.0	<8.2
1,2-Dichloropropane	5	0.5	3.1	<7.3	<4.6	<2.7	<3.6	<7.2	<5.4
cis-1,2-Dichloroethylene	70	7	471	250	150	160	310	220	250
trans-1,2-Dichloroethylene	100	20	9.7	<7.0	5.6	4.2	5.1	<4.4	<6.3
Ethylbenzene	700	140	110	180	140	45	41	<4.4	<5.6
Isopropyl Ether	NSE	NSE	5.7	<5.8	11	6.7	8.3	<5.2	<5.9
Methylene Chloride	5	0.5	<1.2	<8.9	<5.6	<3.2	3.7	<4.5	<6.3
Styrene	100	10	<2.5	3.9	<2.4	<2.3	3.5	<3.8	<4.7
Toluene	800	160	322	320	300	150	99	13	16
Trichloroethylene	5	0.5	3.1	<6.0	<3.8	<3.8	<2.1	<4.2	<7.6
1,2,4-Trimethylbenzene	480	96	2.5	6.0	7.1	5.1	4.5	<4.2	<5.2
m-&p-Xylene	2,000	400	444	460	580	360	360	190	160
o-Xylene			122	120	200	100	130	66	96
Vinyl Chloride	0.2	0.02	66.8	44	39	40	65	49	60
Total VOCs			1,902	1,567	1,807	1,128	1,338	712	813

Compound	NR 140 ES	NR 140 PAL	Sample Date and Lab						
			06/15	07/15	08/15	09/15	10/15	11/15	12/15
			NLS	NLS	NLS	NLS	NLS	NLS	NLS
Benzene	5	0.5	8.1	8.9	7.4	7.7	7.6	11	<2.9
Chloroethane	400	80	110	93	92	130	77	91	87
Dichlorodifluoromethane	1,000	200	4.6	<2.8	<2.8	<3.1	2.6	2.8	<2.8
1,1-Dichloroethane	850	85	50	37	38	40.5	41	42	37
cis-1,2-Dichloroethylene	70	7	93	31	16	9.76	6.5	6.6	5.4
trans-1,2-Dichloroethylene	100	20	2.9	<2.5	<2.5	<2.7	2.1	<2.5	<2.5
Ethylbenzene	700	140	61	45	43	48.3	53	110	<2.2
Isopropyl Ether	NSE	NSE	5.3	6.5	6.3	4.82	3.6	6.1	5.2
Methylene Chloride	5	0.5	<1.8	<2.5	5.0	<2.3	2.1	7.0	<2.5
Styrene	100	10	<1.5	<1.9	<1.9	<2.1	<1.5	<1.9	<1.9
Toluene	800	160	93	64	43	49.7	39	71	<1.8
Trichloroethylene	5	0.5	2.9	3.5	4.8	2.51	<1.7	<3.1	<3.1
1,2,4-Trimethylbenzene	480	96	4.8	5.2	5.9	4.8	5.3	7.1	<2.1
1,3,5-Trimethylbenzene			<2.1	<2.6	<2.6	1.85	<2.1	<2.6	<2.6
m-&p-Xylene	2,000	400	240	250	260	318	280	370	84
o-Xylene			82	76	65	90.9	71	96	58
Vinyl Chloride	0.2	0.02	26	14	9.2	7.72	6.7	7.5	6.9
Total VOCs			784	634	596	717	598	828	284

TABLE 5

SUMMARY OF DETECTED COMPOUNDS IN RW-7 (µg/l)
AUGUST 2012 THROUGH JULY 2017

Compound	NR 140 ES	NR 140 PAL	Sample Date and Lab						
			1/16	3/16	04/16	05/16	05/16	06/16	07/16
			NLS	NLS	NLS	Pace	NLS	NLS	NLS
Benzene	5	0.5	23	8.0	8.8	10.8	12.0	9.9	9.6
Chloroethane	400	80	140	120	53	73.4	53	50	57
Dichlorodifluoromethane	1,000	200	<2.8	4.3	4.2	<1.1	<2.8	<3.3	3.3
1,1-Dichloroethane	850	85	51	71	31	39.9	36	34	44
cis-1,2-Dichloroethylene	70	7	9.0	21	6.7	7.9	6.7	8.7	7.6
trans-1,2-Dichloroethylene	100	20	3.4	3.6	<1.7	2.3 J	<2.9	<3.4	1.9
Ethylbenzene	700	140	290	34	190	262	280	220	130
Isopropyl Ether	NSE	NSE	8.6	5.1	3.9	3.6 J	5.1	4.5	3.9
Isopropylbenzene	-	-	2.9	<1.9	<44	1.6 J	<3.4	<3.7	<1.7
Methylene Chloride	5	0.5	2.8	<2.4	<2.4	<1.2	<4.0	<4.7	<2.0
Styrene	100	10	<1.9	<1.9	<1.9	<2.5	3.7	<3.7	<1.6
Toluene	800	160	170	56	61	65.7	89	50	35
Trichloroethylene	5	0.5	<3.1	<3.2	<3.2	3.2 J	<4.7	<6.5	3.3
1,2,4-Trimethylbenzene	480	96	12	5.6	6.1	3.5 J	4.9	6.8	6.9
1,3,5-Trimethylbenzene			4.0	<2.1	<2.1	<2.5	<4.0	<4.3	2.6
m-&p-Xylene	2,000	400	460	290	240	348	350	250	260
o-Xylene			190	92	83	85.3	98	53	59
Vinyl Chloride	0.2	0.02	11	19	7.4	8.3	10	8.5	10
Total VOCs			1,378	730	695	901	948	695	634

Compound	NR 140 ES	NR 140 PAL	Sample Date and Lab						
			08/16	09/16	10/16	11/16	12/16	01/17	02/17
			NLS	NLS	NLS	NLS	NLS	NLS	NLS
Benzene	5	0.5	12	11	11	8.7	11	9.8	11
Chloroethane	400	80	79	69	52	57	60	59	68
Dichlorodifluoromethane	1,000	200	<1.7	<1.7	4.0	<2.1	3.3	3.7	<1.7
1,1-Dichloroethane	850	85	50	42	47	46	39	39	47
cis-1,2-Dichloroethylene	70	7	11	8.3	9.0	8.2	8.7	8.9	10
trans-1,2-Dichloroethylene	100	20	2.9	2.3	2.3	<2.1	<2.1	<2.1	2.5
Ethylbenzene	700	140	120	130	190	75	170	150	180
Isopropyl Ether	NSE	NSE	6.6	6.3	4.7	5.5	5.4	4.4	5.4
Toluene	800	160	25	28	34	29	45	49	58
Trichloroethylene	5	0.5	3.5	<3.2	2.4	<4.0	<4.0	<4.0	<3.0
1,2,4-Trimethylbenzene	480	96	7.7	6.5	6.8	7.1	6.4	6.0	6.5
1,3,5-Trimethylbenzene			2.7	2.4	2.2	<2.7	<2.7	<2.7	<2.5
m-&p-Xylene	2,000	400	310	270	270	330	250	230	300
o-Xylene			71	71	75	90	78	80	94
Vinyl Chloride	0.2	0.02	13	11	15	12	12	13	17
Total VOCs			714	658	725	669	689	653	799

TABLE 5

SUMMARY OF DETECTED COMPOUNDS IN RW-7 (µg/ℓ)
AUGUST 2012 THROUGH JULY 2017

Compound	NR 140	NR 140	Sample Date and Lab						
	ES	PAL	03/17	04/17	05/17	06/17	07/17		
	--	--	NLS	NLS	NLS	NLS	NLS		
Benzene	5	<u>0.5</u>	11	8.0	11	8.8	9.1		
Chloroethane	400	80	63	53	55	55	57		
Dichlorodifluoromethane	1,000	200	2.5	<1.7	<2.1	<2.0	<1.7		
1,1-Dichloroethane	850	<u>85</u>	46	48	42	39	38		
cis-1,2-Dichloroethylene	70	<u>7</u>	<u>9.7</u>	<u>8.8</u>	<u>9.7</u>	<u>8.3</u>	<u>8.0</u>		
trans-1,2-Dichloroethylene	100	<u>20</u>	2.4	2.5	2.4	<2.1	1.9		
Ethylbenzene	700	<u>140</u>	<u>140</u>	86	<u>200</u>	85	100		
Isopropyl Ether	NSE	NSE	5.4	5.5	5.4	4.8	4.7		
Toluene	800	<u>160</u>	42	26	44	25	27		
Trichloroethylene	5	<u>0.5</u>	<4.0	<u>3.2</u>	<4.0	<4.0	<3.2		
1,2,4-Trimethylbenzene	480	<u>96</u>	6.4	6.7	6.3	6.8	6.5		
1,3,5-Trimethylbenzene			<2.7	<2.5	<2.7	<2.7	<2.1		
m-&p-Xylene	2,000	<u>400</u>	<u>320</u>	280	270	280	270		
o-Xylene			87	79	79	80	88		
Vinyl Chloride	0.2	<u>0.02</u>	18	19	17	18	19		
Total VOCs			753	626	742	611	629		

NOTES:

RW-7 was restarted on July 20, 2012, after being off since December 2003.

Samples were analyzed for a full suite of VOCs using Method 8260. Only compounds detected in one or more samples are listed on this table.

-- = No NR 140 Standard

Values above an NR 140 PAL but less than the ES are underlined.

Values above an NR 140 ES are shown in bold.

NR 140 ES and PAL values listed on table downloaded from WAC website - http://docs.legis.wisconsin.gov/code/admin_code/nr/100/140.pdf on 04/28/16.

Each subsection of this table includes only those compounds detected in one or more samples collected during the range of dates shown.

FOOTNOTE:

(1) Indicates that this compound was not detected before October 2012; the detection limits are only indicated for those compounds for samples collected in or after October 2012.

WRR ENVIRONMENTAL SERVICES CO., INC.
EAU CLAIRE, WISCONSIN

TABLE 6

ESTIMATED VOLUME OF WATER & MASS OF VOCs REMOVED BY RW-7

Sample Date ⁽¹⁾	Meter Reading Date ⁽²⁾	Total Volume of Water Removed (gallons)	Total VOC Concentration ⁽³⁾ (µg/l)	Incremental Mass of VOCs Removed (lbs)	Cumulative Estimated Total Mass of VOCs Removed (lbs)
10/90	07/91	66,517	1,235,300	686	686
11/94	12/94	76,809	48,675	55	741
05/95	09/95	158,443	2,648	17	758
10/95	12/95	190,077	155,000	21	779
04/96	12/96	213,177	219,870	36	815
05/97	12/97	496,097	83,770	358	1,174
05/98	05/98	1,803,747	117,732	1,099	2,273
12/99	12/99	6,298,347	113,868	4,343	6,616
05/00	05/00	7,446,677	468,520	2,790	9,406
04/01	04/01	9,744,876	103,380	5,484	14,890
05/02	07/02	13,042,926	142,110	3,378	18,268
05/03	06/03	15,597,896	39,230	1,933	20,201
	12/03	16,764,486	39,230	382	20,583
08/12	08/12	16,926,286	1,817	2.5	20,585
09/12	09/12	17,399,006	1,317	6.2	20,591
10/12	10/12	17,452,046	2,540	0.9	20,592
11/12	11/12	17,706,026	1,330	4.1	20,596
12/12	12/12	18,200,706	1,088	5.0	20,601
01/13	01/13	18,651,326	299	2.6	20,604
02/13	02/13	19,004,996	2,471	4.1	20,608
03/13	03/13	19,483,716	2,164	9.3	20,617
04/13	04/13	19,922,956	1,435	6.6	20,624
05/13	05/13	20,315,976	1,770	5.3	20,629
06/13	06/13	20,675,016	1,621	5.1 ⁽⁴⁾	20,634
07/13	07/13	21,082,656	1,789	5.8	20,640
08/13	08/13	21,559,286	2,311	8.2	20,648
09/13	09/13	22,056,306	2,185	9.3	20,658
10/13 - 1	10/15/13	22,255,316	2,085	3.5	20,661
10/13 - 2	10/30/13	22,457,976	1,953	3.4	20,665
11/13	11/13/13	22,623,686	2,241	2.9	20,667
12/13	12/09/13	22,900,716	2,056	5.0	20,672
01/14	01/14/14	23,378,656	2,946	10.0	20,682
02/14	02/20/14	23,817,156	2,990	10.9	20,693
03/14	02/28/14	23,910,206	2,521	2.1	20,695
	04/01/14	24,719,830	2,336	16.4	20,712

TABLE 6

ESTIMATED VOLUME OF WATER & MASS OF VOCs REMOVED BY RW-7

Sample Date⁽¹⁾	Meter Reading Date⁽²⁾	Total Volume of Water Removed (gallons)	Total VOC Concentration⁽³⁾ (µg/l)	Incremental Mass of VOCs Removed (lbs)	Cumulative Estimated Total Mass of VOCs Removed (lbs)
05/14	05/06/14	25,101,860	2,434	7.6	20,719
07/14	07/09/14	25,861,100	1,457	12.3	20,732
08/14	08/05/14	26,224,990	2,325	5.7	20,737
09/14	09/09/14	26,615,520	1,814	6.7	20,744
10/14	10/31/14	27,159,530	1,970	8.6	20,753
11/14	11/12/14	27,275,280	1,567	1.7	20,754
01/15	01/07/15	27,665,630	1,807	5.5	20,760
02/15	02/04/15	28,097,040	1,128	5.3	20,765
03/15	03/11/15	28,560,750	1,338	4.8	20,770
04/15	04/09/15	29,016,560	712	3.9	20,774
05/15	05/05/15	29,473,180	813	2.9	20,777
06/15	06/03/15	29,771,250	784	2.0	20,779
07/15	07/08/15	29,927,790	634	0.9	20,780
08/15	08/04/15	30,069,120	596	0.7	20,780
09/15	09/09/15	30,249,650	717	1.0	20,781
10/15	10/14/15	30,465,380	598	1.2	20,783
11/15	11/04/15	30,583,550	828	0.7	20,783
12/15	12/03/15	30,760,560	284	0.8	20,784
01/16	01/05/16	30,954,720	1,378	1.3	20,785
03/16	03/02/16	31,548,740	730	5.2	20,791
04/16	04/05/16	31,705,040	695	0.9	20,792
05/16	05/04/16	31,809,010	948	0.7	20,792
06/16	06/07/16	31,954,260	695	1.0	20,793
07/16	07/12/16	32,128,620	634	1.0	20,794
08/16	08/10/16	32,263,240	714	0.8	20,795
09/16	09/06/16	32,383,000	658	0.7	20,796
10/16	10/05/16	32,517,840	725	0.8	20,797
11/16	11/03/16	32,657,080	669	0.8	20,797
12/16	12/06/16	32,816,300	689	0.9	20,798
01/17	01/09/17	33,014,490	653	1.1	20,799
02/17	02/07/17	33,130,990	799	0.7	20,800
03/17	03/08/17	33,264,980	753	0.9	20,801
04/17	04/05/17	33,404,500	626	0.8	20,802
05/17	05/02/17	33,541,920	742	0.8	20,803
06/17	06/06/17	33,719,870	611	1.0	20,804
07/17	07/11/17	33,897,390	629	0.9	20,804

TABLE 6

ESTIMATED VOLUME OF WATER & MASS OF VOCs REMOVED BY RW-7

NOTE:

For dates after January 2017, add 29,970,780 gallons to raw meter readings to calculate adjusted total volume pumped from RW-7.

FOOTNOTES:

- (1) Meter readings before 2012 were often not recorded when samples were collected early in the operation of RW-7. In those cases, the next available meter reading was used to calculate the incremental mass of VOCs removed from by RW-7.
- (2) The volume of water pumped prior to July 2012 was calculated using a combination of meter readings and monthly discharge reports prepared by WRR. There was a 462,634-gallon discrepancy between the calculated volume of water pumped through December 2003 and the actual meter reading on July 20, 2012, before RW-7 was restarted. To account for the discrepancy during that time period, the total VOC concentrations measured in RW-7 in June 2004 were used even though there is no record of RW-7 operating between December 2003 and July 2012. Records of RW-7 operational history are not complete.
- (3) Total VOC concentrations for October 1990 are based on a lab report of samples analyzed by WRR's laboratory. Total VOC concentrations for November 1994 through May 1995 are based on Table 10 of Eder Associates' December 1996 *RCRA Facility Investigation* report; total VOC concentration for 11/94 is based on average of VOC concentrations measured in 5/94 (2,074 ppb), 11/94 (143,000 ppb), & 12/94 (951 ppb). Total VOC concentrations for May 1997 through April 2001 are based on Table A-3 included with SEH's September 2001 *Evaluation of Supplement Corrective Measures and Plan of Activities* report. Total VOC concentrations for May 2002 are based on Table 4 prepared and provided by WRR (unpublished, likely an update of Table 2 of SEH's September 2001 report). Total VOC concentrations for May 2003 are based on concentrations measured in nearby well W-21 (RW-7 not sampled in 2003).
- (4) Two influent samples were collected from RW-7 on 6/11/13 and analyzed for VOCs by Northern Lakes Services and Pace Analytical Services. The average of the total VOCs was used to calculate the mass of VOCs removed in June 2013.

Calculation of Incremental Mass of VOCs Removed:

$$[(V_2 - V_1) \times (C_2 + C_1) / 2 \times 3.785 \text{ l/gal}] \times 1 \text{ lb}/453,600,000 \text{ } \mu\text{g}$$

- Where: V_2 = total volume of water pumped on date of sample in gallons
- V_1 = total volume of water pumped on date of previous sample used in calculation in gallons
- C_2 = total VOC concentration measured on date of sample in $\mu\text{g}/\text{l}$
- C_1 = total VOC concentration measured on previous sample date in $\mu\text{g}/\text{l}$

With the exception of the first sample date shown on the table, all VOC concentrations used to calculate the incremental mass of VOCs removed during a given time period are the average of the total VOC concentrations measured on the current and previous sample dates.

WRR ENVIRONMENTAL SERVICES CO., INC.
EAU CLAIRE, WISCONSIN

TABLE 7

SUMMARY OF DETECTED COMPOUNDS IN RW-10 (µg/ℓ)
DECEMBER 2014 THROUGH MAY 2017

Compound	NR 140 ES	NR 140 PAL	Sample Date and Lab					
			12/14	09/15	10/15	11/15	11/15	12/15
			Pace	NLS	NLS	NLS	Pace	NLS
Acetone	9,000	1,800	6,860	57,600	57,000	58,000	71,200	35,000
1,1-Dichloroethane	850	85	26.9	<480	<410	<490	<151	<490
cis-1,2-Dichloroethylene	70	7	272	<510	<450	<600	<160	<600
Ethylbenzene	700	140	658	908	<350	820	625	760
Methylene Chloride	5	0.5	<11.6	<460	550	1,300	398	<510
Methyl Ethyl Ketone	4,000	800	8,600	68,900	53,000	59,000	46,800	26,000
4-Methyl-2-Pentanone (MIBK)	500	50	<107	1,240	1,000	2,100	1,490	960
Isopropyl Alcohol	3,000 ⁽¹⁾		5,680	11,600	22,000	21,000	19,500	<12,000
Styrene	100	10	49.6	<420	<310	<370	<312	<370
Tetrachloroethylene	5	0.5	179	<530	<440	<430	<312	<430
Toluene	800	160	11,900	20,500	17,000	17,000	16,500	17,000
1,1,1-Trichloroethane	200	40	1,420	1,490	1,400	1,400	1,190	1,300
1,1,2-Trichloroethane	5	0.5	17.6	<440	<390	<480	<123	<480
Trichloroethylene	5	0.5	847	840	890	1,100	809	920
m-&p-Xylene	2,000	400	2,160	3,570	2,300	2,600	1,910	2,300
o-Xylene			575	922	610	670	462	670
Total VOCs			39,245	167,570	155,750	164,990	160,884	84,910

Compound	NR 140 ES	NR 140 PAL	Sample Date and Lab					
			01/16	05/16		06/16	07/16	08/16
			NLS	Pace	NLS	NLS	NLS	NLS
Acetone	9,000	1,800	48,000	64,900	28,000	80,000	47,000	60,000
cis-1,2-Dichloroethylene	70	7	<600	276	<350	<470	<350	<470
Ethylbenzene	700	140	920	571	630	920	<600	1,100
Methylene Chloride	5	0.5	<510	463	<400	580	<400	<470
Methyl Ethyl Ketone	4,000	800	59,000	78,400	30,000	72,000	32,000	51,000
4-Methyl-2-Pentanone (MIBK)	500	50	1,700	1,550	<790	1,700	1,500	2,300
Isopropyl Alcohol	3,000 ⁽¹⁾		15,000	24,500	<9,900	21,000	16,000	25,000
Tetrachloroethylene	5	0.5	<430	<250	1,100	<440	<330	<440
Toluene	800	160	16,000	14,000	9,700	18,000	15,000	15,000
1,1,1-Trichloroethane	200	40	1,200	831	820	1,400	1,100	1,500
Trichloroethylene	5	0.5	810	589	580	690	780	970
m-&p-Xylene	2,000	400	2,500	2,050	1,700	2,800	2,200	3,100
o-Xylene			670	513	400	670	660	870
Total VOCs			145,800	188,643	72,930	199,760	116,240	160,840

WRR ENVIRONMENTAL SERVICES CO., INC.
EAU CLAIRE, WISCONSIN

TABLE 7

SUMMARY OF DETECTED COMPOUNDS IN RW-10 (µg/ℓ)
DECEMBER 2014 THROUGH MAY 2017

Compound	NR 140 ES	NR 140 PAL	Sample Date and Lab					
			09/16	10/16	11/16	12/16	01/17	02/17
			NLS	NLS	NLS	NLS	NLS	NLS
Acetone	9,000	<u>1,800</u>	51,000	62,000	67,000	60,000	49,000	37,000
cis-1,2-Dichloroethylene	70	<u>7</u>	<470	390	<470	<470	<470	300
Ethylbenzene	700	<u>140</u>	840	<600	1,700	1,400	820	660
Methylene Chloride	5	<u>0.5</u>	<470	530	490	<470	610	400
Methyl Ethyl Ketone	4,000	<u>800</u>	42,000	37,000	80,000	65,000	33,000	28,000
4-Methyl-2-Pentanone (MIBK)	500	<u>50</u>	2,000	1,300	2,000	1,900	1,500	1,700
Isopropyl Alcohol	3,000⁽¹⁾		17,000	23,000	9,000	18,000	13,000	<6200
Toluene	800	<u>160</u>	16,000	23,000	26,000	20,000	14,000	15,000
1,1,1-Trichloroethane	200	<u>40</u>	1,300	1,900	2,100	1,900	1,200	1,100
Trichloroethylene	5	<u>0.5</u>	810	1,200	1,100	<650	690	730
m-&p-Xylene	2,000	<u>400</u>	2,600	5,500	5,200	4,200	2,400	2,100
o-Xylene			730	1,400	1,500	1,000	630	590
Total VOCs			134,280	157,220	196,090	173,400	116,850	87,580

Compound	NR 140 ES	NR 140 PAL	Sample Date and Lab				
			03/17	04/17	05/17	06/17	07/17
			NLS	NLS	NLS	NLS	NLS
Acetone	9,000	<u>1,800</u>	46,000	43,000	49,000	40,000	30,000
cis-1,2-Dichloroethylene	70	<u>7</u>	<300	330	350	300	<300
Ethylbenzene	700	<u>140</u>	1,600	1,800	1,500	980	970
Methylene Chloride	5	<u>0.5</u>	410	400	410	430	370
Methyl Ethyl Ketone	4,000	<u>800</u>	73,000	37,000	38,000	49,000	30,000
4-Methyl-2-Pentanone (MIBK)	500	<u>50</u>	1,800	1,500	2,300	2,000	990
Isopropyl Alcohol	3,000⁽¹⁾		32,000	21,000	12,000	14,000	9,500
Tetrachloroethylene	5	<u>0.5</u>	<280	220	<280	<280	<280
Toluene	800	<u>160</u>	21,000	21,000	17,000	15,000	14,000
1,1,1-Trichloroethane	200	<u>40</u>	1,300	1,800	1,500	1,000	1,100
Trichloroethylene	5	<u>0.5</u>	920	1,100	760	680	730
m-&p-Xylene	2,000	<u>400</u>	4,800	5,400	4,600	3,000	2,600
o-Xylene			1,300	1,500	1,200	810	740
Total VOCs			184,130	136,050	128,620	127,200	91,000

NOTES:

-- = No NR 140 Standard

Values above an NR 140 PAL but less than the ES are underlined.

Values above an NR 140 ES are in bold.

NR 140 ES and PAL values listed on table downloaded from WAC website - http://docs.legis.wisconsin.gov/code/admin_code/nr/100/140.pdf on 9/10/13.

Some reported values fall below the Limit of Quantitation set by the lab.

Each subsection of this table includes only those compounds detected in one or more samples collected during the range of dates shown.

FOOTNOTE:

(1) There is no NR 140 PAL or ES for 2-propanol (aka isopropyl alcohol). The WDNR has recommended using the health advisory limit of 3,000 ppb based on a 10⁻⁶ cancer risk taken from the following website: <http://dnr.wi.gov/topic/drinkingwater/documents/halttable.pdf>.

WRR ENVIRONMENTAL SERVICES CO., INC.
EAU CLAIRE, WISCONSIN

TABLE 8

ESTIMATED MASS OF VOCs REMOVED BY RW-10

Sample Date	Meter Reading (gallons)	VOC (µg/l)	Incremental Amount Removed (lbs)	Cumulative Total (lbs)
12/14 ⁽¹⁾	51,993	39,246	17.03	14.54
09/15	217,334	167,570	142.67	159.7
10/15	333,585	155,750	156.82	316.5
11/15	397,324	106,990	69.87	386.4
12/15	487,178	84,910	71.94	458.3
01/16	598,127	145,800	106.80	565.1
04/16 ⁽²⁾	617,381	145,800	23.42	588.5
05/16	720,975	188,643	144.55	733.1
06/16	818,393	199,760	157.86	891.0
07/12/16	934,309	116,240	152.82	1,043.8
08/10/16 ⁽³⁾	1,051,221	160,840	135.15	1,178.9
09/06/16	1,156,341	134,280	129.43	1,308.4
10/05/16	1,320,502	157,220	199.65	1,508.0
11/03/16	1,492,470	196,090	253.49	1,761.5
12/06/16	1,669,297	173,400	272.59	2,034.1
01/09/17	1,809,591	116,850	169.89	2,204.0
02/07/17	1,893,329	87,580	71.42	2,275.4
03/08/17	1,966,638	184,130	83.10	2,358.5
04/05/17 ⁽⁴⁾	2,100,973	136,050	179.45	2,538.0
05/02/17	2,236,807	128,620	149.99	2,688.0
06/06/17	2,420,597	127,200	196.16	2,884.1
07/11/17	2,602,490	91,000	165.59	3,049.7

TABLE 8

ESTIMATED MASS OF VOCs REMOVED BY RW-10

NOTE:

VOCs = Volatile Organic Compounds

FOOTNOTES:

(1) RW-10 was installed and sampled in December 2014 but did not start pumping until July 24, 2015.

(2) The meter for RW-10 froze on several occasions during the winter of 2015-16, even though the well was still operating. As a result of the meter freezing, the total gallons of water pumped by RW-10 cannot be accurately determined. The total flow meter reading shown for April 2016 was the meter reading measured on April 30, 2016, and is likely significantly less than the total volume of water pumped by RW-10 since it was originally started on July 24, 2015. Additionally, no samples were collected from RW-10 between January and April 30, 2016, so the total concentration of VOCs measured in January 2016 were used to calculate the mass of VOCs removed between January and April 2016.

(3) The meter was reset on 8/1/16 after the meter reading (1,018,730 gal.) was recorded. All meter readings between August 2016 and March 2017 shown on this table were calculated by adding 1,018,730 gallons to the meter reading measured in the field.

(4) The meter was reset again on March 20, 2017, after reading 1,000,666 gallons. With previous adjustments, the meter readings after March 20, 2017, are calculated by adding 2,019,396 to the raw meter readings

Calculation of Incremental Mass of VOCs Removed:

$$[(v_2 - v_1) \times (C_2 + C_1) / 2 \times 3.785 \text{ l/gal}] \times 1 \text{ lb} / 453,600,000 \text{ } \mu\text{g}$$

Where: v_2 = total volume of water pumped on date of sample in gallons

v_1 = total volume of water pumped on date of previous sample used in

C_2 = total VOC concentration measured on date of sample in $\mu\text{g}/\ell$

C_1 = total VOC concentration measured on previous sample date in $\mu\text{g}/\ell$

With the exception of the first sample date shown on the table, all VOC concentrations used to calculate the incremental mass of VOCs removed during a given time period are the average of the total VOC concentrations measured on the current and previous sample dates.

WRR ENVIRONMENTAL SERVICES CO., INC.
EAU CLAIRE, WISCONSIN

TABLE 9

SUMMARY OF DETECTED COMPOUNDS IN RW-11 (µg/ℓ)
DECEMBER 2014 THROUGH JULY 2017

Compound	NR 140 ES	NR 140 PAL	Sample Date and Lab							
			12/14	06/15	07/15	08/15	09/15	10/15	11/15	12/15
			Pace	Pace	NLS	NLS	NLS	NLS	NLS	NLS
1,2-Dichlorobenzene	600	<u>60</u>	74.0	<50.0	<160	<230	<60	<120	<140	<140
1,1-Dichloroethane	850	<u>85</u>	<u>189</u>	<u>173</u>	<u>250</u>	<250	<240	<u>220</u>	<200	<200
cis-1,2-Dichloroethylene	70	<u>7</u>	1,830	1,930	2,500	2,200	2,410	2,100	1,800	1,800
Ethylbenzene	700	<u>140</u>	4,240	1,670	1,400	970	1,610	<140	780	430
Isopropylbenzene (Cumene)	NSE	NSE	47.6J	22.1	<190	<240	<290	<150	<190	<190
Methylene Chloride	5	<u>0.5</u>	<23.3	<23.3	<180	400	<230	<140	330	<200
n-Propylbenzene	NSE	NSE	69.9J	<50.0	<180	<270	<260	<150	<210	<210
Tetrachloroethylene	5	<u>0.5</u>	62.9J	77.8	<220	<210	<270	<170	<170	<170
Toluene	800	<u>160</u>	16,300	8,250	9,900	8,700	11,600	7,900	7,900	6,800
Trichloroethene	5	<u>0.5</u>	<33.1	92.8	<170	<310	<180	<130	<240	<240
1,1,1-Trichloroethane	200	40	362	420	670	570	687	540	480	490
1,2,4-Trimethylbenzene	480	<u>96</u>	551	<u>271</u>	240	<u>220</u>	<280	160	<u>170</u>	<160
1,3,5-Trimethylbenzene			150	<u>110</u>	<210	<260	<u>108</u>	<160	<210	<210
m-&p-Xylene	2,000	<u>400</u>	14,100	5,830	5,200	3,900	6,650	3,400	3,700	3,300
o-Xylene			4,770	2,270	1,800	1,400	2,310	1,300	1,400	1,200
Vinyl chloride	0.2	<u>0.02</u>	<17.6	67	<160	<160	<200	<160	<120	<120
Total VOCs			42,566	21,184	21,960	18,360	25,375	15,620	16,560	14,020

TABLE 9

SUMMARY OF DETECTED COMPOUNDS IN RW-11 ($\mu\text{g}/\ell$)
DECEMBER 2014 THROUGH JULY 2017

Compound	NR 140 ES	NR 140 PAL	Sample Date and Lab							
			1/16	3/16	4/16	5/16		6/16	7/16	8/16
			NLS	NLS	NLS	Pace	NLS	NLS	NLS	NLS
Acetone	9,000	1,800	ND	ND	ND	2,030	2,600	1,900	<5,200	<5,200
1,1-Dichloroethane	850	85	200	190	190	266	300	330	340	270
cis-1,2-Dichloroethylene	70	7	1,800	1,600	1,600	2,060	2,500	2,800	2,800	2,000
1,2-Dichloropropane	5	0.5	ND	ND	ND	13	<95	<110	<300	<350
Ethylbenzene	700	140	640	130	290	368	600	730	<380	1,200
Methyl Ethyl Ketone	4000	800	ND	ND	ND	1,880	910	650	<630	<710
Isopropyl Alcohol	3,000 ⁽¹⁾		ND	ND	ND	1,390	<2000	<1,800	<6,200	<5,500
Toluene	800	160	7,300	9,900	4,800	6,820	7,800	7,500	18,000	11,000
Trichloroethene	5	0.5	<240	<160	<130	<16.5	<94	<130	490	<400
1,1,1-Trichloroethane	200	40	590	430	530	612	900	860	1,300	790
1,2,4-Trimethylbenzene	480	96	170	110	180	229	180	280	<230	270
1,3,5-Trimethylbenzene			<210	<110	<85	90.8	80	96	<250	<270
m-&p-Xylene	2,000	400	1,400	2,000	4,000	5,210	5,500	5,700	5,600	5,800
o-Xylene			4,300	840	1,400	1,840	1,800	1,800	1,900	1,800
Vinyl chloride	0.2	0.02	<120	<85	<68	64.0	<64	92	<200	<210
Total VOCs			16,400	15,200	12,990	22,873	23,170	22,738	30,430	23,130

TABLE 9

SUMMARY OF DETECTED COMPOUNDS IN RW-11 ($\mu\text{g}/\ell$)
DECEMBER 2014 THROUGH JULY 2017

Compound	NR 140 ES	NR 140 PAL	Sample Date and Lab							
			9/16	10/16	11/16	12/16	01/17	02/17	03/17	04/17
			NLS	NLS	NLS	NLS	NLS	NLS	NLS	NLS
1,1-Dichloroethane	850	85	220	300	320	310	250	250	200	280
cis-1,2-Dichloroethylene	70	7	1,500	1,800	1,800	1,500	1,400	1,600	1,100	1,500
Ethylbenzene	700	140	1,000	<300	1,200	560	580	<240	890	890
Toluene	800	160	11,000	13,000	12,000	9,400	7,800	9,800	8,900	11,000
Trichloroethene	5	0.5	<320	<240	<320	<320	<320	250	<260	260
1,1,1-Trichloroethane	200	40	610	910	870	870	770	820	630	890
1,2,4-Trimethylbenzene	480	96	<210	240	220	<210	<210	<150	200	210
1,3,5-Trimethylbenzene			<210	<200	<210	<210	<210	<160	<170	<160
m-&p-Xylene	2,000	400	5,100	5,300	4,900	3,800	3,200	3,600	4,100	4,600
o-Xylene			1,600	1,800	1,700	1,400	1,100	1,300	1,300	1,500
Total VOCs			21,030	23,350	23,010	17,840	15,100	17,620	17,320	21,130

TABLE 9

SUMMARY OF DETECTED COMPOUNDS IN RW-11 ($\mu\text{g}/\ell$)
DECEMBER 2014 THROUGH JULY 2017

Compound	NR 140 ES	NR 140 PAL	Sample Date and Lab							
			05/17	06/17	07/17					
			NLS	NLS	NLS					
1,1-Dichloroethane	850	<u>85</u>	<u>270</u>	<u>200</u>	<u>270</u>					
cis-1,2-Dichloroethylene	70	<u>7</u>	1,800	1,300	1,800					
Ethylbenzene	700	<u>140</u>	1,200	790	990					
Methyl Ethyl Ketone	4000	<u>800</u>	<u>1,700</u>	<u>1,400</u>	<u>1,400</u>					
Toluene	800	<u>160</u>	11,000	8,500	10,000					
Trichloroethene	5	<u>0.5</u>	<260	<260	<260					
1,1,1-Trichloroethane	200	<u>40</u>	1,000	710	960					
1,2,4-Trimethylbenzene	480	<u>96</u>	<u>230</u>	<170	<170					
1,3,5-Trimethylbenzene			<170	<170	<170					
m-&p-Xylene	2,000	<u>400</u>	4,700	2,600	3,200					
o-Xylene			1,600	860	1,100					
Total VOCs			23,500	16,360	19,720					

NOTES:

-- = No NR 140 Standard

Values above an NR 140 PAL but less than the ES are underlined.

Values above an NR 140 ES are in bold.

NR 140 ES and PAL values listed on table downloaded from WAC website - http://docs.legis.wisconsin.gov/code/admin_code/nr/100/140.pdf on 9/10/13.

Some reported values fall below the Limit of Quantitation set by the lab.

ND = Non-Detect

Each subsection of this table includes only those compounds detected in one or more samples collected during the range of dates shown.

FOOTNOTE:

(1) There is no NR 140 PAL or ES for 2-propanol (aka isopropyl alcohol). The WDNR has recommended using the health advisory limit of 3,000 ppb based on a 10^{-6} cancer risk taken from the following website: <http://dnr.wi.gov/topic/drinkingwater/documents/haltable.pdf>.

WRR ENVIRONMENTAL SERVICES CO., INC.
EAU CLAIRE, WISCONSIN

TABLE 10

ESTIMATED MASS OF VOCs REMOVED BY RW-11

Sample Date	Meter Reading (gallons)	VOC ($\mu\text{g}/\ell$)	Amount Removed (lbs)	Cumulative Total (lbs)
12/14	1,000	42,492	0.35	0.35
06/15	37,181	21,184	9.61	9.97
07/15	91,380	21,960	9.76	19.72
08/15	95,190	18,360	0.64	20.36
09/15	128,466	25,375	6.07	26.44
10/15	170,497	15,620	7.19	33.62
11/15	193,318	16,560	3.06	36.69
12/15	228,625	14,020	4.50	41.19
01/16	269,638	16,400	5.21	46.40
03/16	316,271	15,200	6.15	52.55
04/16	360,230	12,990	5.17	57.72
05/16	394,622	23,170	5.19	62.91
06/16	436,170	22,738	7.96	70.86
07/16	486,013	30,430	11.06	81.92
08/16	532,968	23,130	10.49	92.41
09/16	594,066	21,030	11.26	103.7
10/16	661,736	23,350	12.53	116.2
11/16	724,209	23,010	12.08	128.3
12/16	781,096	17,840	9.70	138.0
01/17	821,588	15,100	5.56	143.5
02/17	864,699	17,620	5.89	149.4
03/17	922,126	17,320	8.37	157.8
04/17	996,282	21,130	11.90	169.7
05/17	1,065,904	23,500	12.96	182.7
06/17	1,151,419	16,360	14.22	196.9
07/17	1,235,069	19,720	12.59	209.5

TABLE 10

ESTIMATED MASS OF VOCs REMOVED BY RW-11

NOTES:

VOCs = Volatile Organic Compounds

Add 281,626 gallons to raw meter readings after February 2016 to account for periods when the meter froze and was reset in January and February 2016.

FOOTNOTE:

(1) RW-11 was installed and sampled in December 2014 but did not start pumping until May 15, 2015.

Calculation of Incremental Mass of VOCs Removed:

$$[(v_2 - v_1) \times (c_2 + c_1) / 2 \times 3.785 \text{ l/gal}] \times 1 \text{ lb} / 453,600,000 \text{ } \mu\text{g}$$

Where: v_2 = total volume of water pumped on date of sample in gallons

v_1 = total volume of water pumped on date of previous sample used in calculation in gallons

c_2 = total VOC concentration measured on date of sample in $\mu\text{g}/\ell$

c_1 = total VOC concentration measured on previous sample date in $\mu\text{g}/\ell$

With the exception of the first sample date shown on the table, all VOC concentrations used to calculate the incremental mass of VOCs removed during a given time period are the average of the total VOC concentrations measured on the current and previous sample dates.

WRR ENVIRONMENTAL SERVICES CO., INC.
EAU CLAIRE, WISCONSIN

TABLE 11

SUMMARY OF DETECTED COMPOUNDS IN WRR PRODUCTION WELL ($\mu\text{g}/\ell$)
MAY 2011 THROUGH JULY 2017

Compound	NR 140	NR 140	Sample Date and Lab					
	ES	PAL	5/11	5/12	6/13	10/13	3/14	4/14
	--	--	NLS	NLS	Pace	Pace	NLS	NLS
Acetone	9,000	1,800	<8.3	<8.3	2,420	2,020	1,700	2,200
1,1-Dichloroethane	850	85	24	17	23.2	26.6	18	25
1,2-Dichloroethane	5	0.5	2.4	1.4	<9.5	<4.8	<12	<12
1,2-Dichloropropane	5	0.5	0.61	0.42	<10	<5.0	<8.7	<8.7
cis-1,2-Dichloroethylene	70	7	2.2	<0.41	30.4	34.8	7.8	9.2
Ethylbenzene	700	140	<0.41	<0.43	34.8	52.3	33	37
Isopropyl Alcohol	3,000 ⁽¹⁾		23	<13	2,830	3,710	1,500	1,800
Methyl Ethyl Ketone (MEK)	4,000	800	2.1	<2	1,220	1,400	920	860
Methyl Isobutyl Ketone (MIBK)	500	50	<1.1	<0.63	112	192	99	77
Tetrachloroethylene	5	0.5	22	9.9	16.2	13	<11	<11
Toluene	800	160	<0.34	<0.46	718	1,070	580	750
1,1,1-Trichloroethane	200	40	4.2	3.7	20.5	87.5	13	15
1,1,2-Trichloroethane	5	0.5	1.1	0.57	<7.8	<3.9	<8.8	<8.8
Trichloroethylene	5	0.5	1.9	0.67	<8.6	<3.6	<14	<14
1,2,4-Trimethylbenzene	480	96	0.58	<0.47	<11.4	<5.0	<14	<14
m-&p-Xylene	2,000	400	6.5	<0.91	94.5	140	79	90
o-Xylene			4	<0.45	28.9	44.2	24	27
Vinyl Chloride	0.2	0.02	0.84	<0.30	9.1	14.2	<8.3	<8.3
Total VOCs			95.43	33.66	7,557.6	8,804.6	4,973.8	5,890.2

Compound	NR 140	NR 140	Sample Date and Lab					
	ES	PAL	5/14	7/14	8/14	9/14	10/14	10/14
	--	--	NLS	NLS	NLS	NLS	NLS	Pace
Acetone	9,000	1,800	2,300	3,000	1,400	1,500	970	2,850
1,1-Dichloroethane	850	85	25	37	26	25	25	37.5
cis-1,2-Dichloroethylene	70	7	8.4	<7.4	<5.0	<7.4	<5.0	<12.8
Ethylbenzene	700	140	<7.4	<7.4	22	<7.4	21	<25.0
Isopropyl Alcohol	3,000 ⁽¹⁾		1,800	4,600	1,700	1,400	1,600	4,140
Methylene Chloride	5	0.5	<11	<11	<20	<11	<20	13.6
Methyl Ethyl Ketone (MEK)	4,000	800	610	<50	400	390	470	990
Methyl Isobutyl Ketone (MIBK)	500	50	75	130	65	53	69	<107
Tetrachloroethylene	5	0.5	<6.9	7.1	<11	8.0	<11	<25.0
Toluene	800	160	760	680	410	420	420	557
1,1,1-Trichloroethane	200	40	14	<9.8	<7.7	<9.8	<7.7	<25.0
m-&p-Xylene	2,000	400	82	85	58	70	63	54.4
o-Xylene			23	28	20	19	21	<25.0
Total VOCs			5,697.4	8,567.1	4,101	3,885	3,659	8,643

TABLE 11

SUMMARY OF DETECTED COMPOUNDS IN WRR PRODUCTION WELL (µg/ℓ)
MAY 2011 THROUGH JULY 2017

Compound	NR 140	NR 140	Sample Date and Lab					
	ES	PAL	11/14	12/14	01/15	02/15	03/15	04/15
	--	--	NLS	NLS	NLS	NLS	NLS	NLS
Acetone	9,000	<u>1,800</u>	<u>1,800</u>	1,300	1,400	<u>2,000</u>	1,200	<u>1,000</u>
1,1-Dichloroethane	850	<u>85</u>	23	28	29	42	24	24
Ethylbenzene	700	<u>140</u>	<7.4	29	26	34	<8.7	20
Isopropyl Alcohol	3,000⁽¹⁾		1,300	2,000	1,700	2,000	1,400	1,200
Methyl Ethyl Ketone (MEK)	4,000	<u>800</u>	570	680	550	<u>840</u>	280	270
Methyl Isobutyl Ketone (MIBK)	500	<u>50</u>	47	<u>57</u>	<u>54</u>	<u>59</u>	44	37
Tetrachloroethylene	5	<u>0.5</u>	7.5	<11	<6.9	<11	<11	<11
Toluene	800	<u>160</u>	<u>460</u>	<u>570</u>	<u>590</u>	<u>600</u>	<u>430</u>	<u>450</u>
m-&p-Xylene	2,000	<u>400</u>	77	74	78	89	62	61
o-Xylene			20	21	20	24	17	17
Total VOCs			4,305	4,759	4,447	5,688	3,457	3,079

Compound	NR 140	NR 140	Sample Date and Lab					
	ES	PAL	05/15	06/15	07/15	08/15	09/15	10/15
	--	--	NLS	NLS	NLS	NLS	NLS	NLS
Acetone	9,000	<u>1,800</u>	800	570	560	640	391	460
1,1-Dichloroethane	850	<u>85</u>	23	16	11	16	8.75	6.0
Ethylbenzene	700	<u>140</u>	20	17	11	16	10.3	12
Isopropyl Alcohol	3,000⁽¹⁾		480	950	970	670	575	1,000
Methyl Ethyl Ketone (MEK)	4,000	<u>800</u>	200	290	230	180	153	230
Methyl Isobutyl Ketone (MIBK)	500	<u>50</u>	19	33	30	18	20.4	16
Tetrachloroethylene	5	<u>0.5</u>	<11	<11	<4.4	<u>4.3</u>	<6.6	<5.5
Toluene	800	<u>160</u>	<u>350</u>	<u>340</u>	<u>220</u>	<u>290</u>	<u>222</u>	<u>250</u>
m-&p-Xylene	2,000	<u>400</u>	56	47	31	50	28	32
o-Xylene			15	<13	8.7	12	9.53	9.2
Total VOCs			1,963	2,263	2,071.7	1,896.3	1,418.0	2,015.2

TABLE 11

**SUMMARY OF DETECTED COMPOUNDS IN WRR PRODUCTION WELL (µg/ℓ)
MAY 2011 THROUGH JULY 2017**

Compound	NR 140	NR 140	Sample Date and Lab					
	ES	PAL	11/15	12/15	01/16	03/16	04/16	05/16
	--	--	NLS	NLS	NLS	NLS	NLS	NLS
Acetone	9,000	<u>1,800</u>	920	710	730	1,100	940	<u>2,100</u>
Ethylbenzene	700	<u>140</u>	15	16	20	22	18	26
Isopropyl Alcohol	3,000⁽¹⁾		410	780	1,500	1,500	2,000	3,700
Methylene Chloride	5	<u>0.5</u>	13	<6.3	<6.3	<5.9	<12	<9.9
Methyl Ethyl Ketone (MEK)	4,000	<u>800</u>	180	360	450	660	620	<u>900</u>
Methyl Isobutyl Ketone (MIBK)	500	<u>50</u>	<7.8	11	25	30	<27	45
Tetrachloroethylene	5	<u>0.5</u>	6.1	<5.3	<5.3	5.8	<11	<8.3
Toluene	800	<u>160</u>	<u>300</u>	<u>340</u>	<u>410</u>	<u>590</u>	<u>380</u>	<u>740</u>
m-&p-Xylene	2,000	<u>400</u>	44	42	53	70	50	77
o-Xylene			11	10	14.0	17	12	18
Total VOCs			1,899.1	2,269	3,202	3,995	4,020	7,606

Compound	NR 140	NR 140	Sample Date and Lab					
	ES	PAL	06/16	07/16	08/16	09/16	10/16	11/16
	--	--	NLS	NLS	NLS	NLS	NLS	NLS
Acetone	9,000	<u>1,800</u>	<u>2,600</u>	430	430	310	400	160
Ethylbenzene	700	<u>140</u>	26	<7.5	15	11	<6.0	7
Isopropyl Alcohol	3,000⁽¹⁾		860	770	830	500	400	150
Methyl Ethyl Ketone (MEK)	4,000	<u>800</u>	320	160	190	74	77	36
Methyl Isobutyl Ketone (MIBK)	500	<u>50</u>	<27	18	24	19	14	12
Tetrachloroethylene	5	<u>0.5</u>	<11	<4.1	<5.5	<5.5	<3.3	<u>2.4</u>
Toluene	800	<u>160</u>	<u>480</u>	<u>250</u>	<u>240</u>	<u>190</u>	<u>180</u>	130
m-&p-Xylene	2,000	<u>400</u>	69	34	39	28	26	19
o-Xylene			19	8.8	11.0	8.7	7.4	5.1
Total VOCs			4,374.0	1,670.8	1,779.0	1,140.7	1,104.4	522

TABLE 11

SUMMARY OF DETECTED COMPOUNDS IN WRR PRODUCTION WELL ($\mu\text{g}/\ell$)
MAY 2011 THROUGH JULY 2017

Compound	NR 140	NR 140	Sample Date and Lab					
	ES	PAL	12/16	01/17	02/17	03/17	04/17	05/17
	--	--	NLS	NLS	NLS	NLS	NLS	NLS
Acetone	9,000	<u>1,800</u>	390	200	250	140	49	310
Chloroethane	400	<u>80</u>	<19	<9.3	<15	<9.3	<3.7	7.3
1,1-Dichloroethane	850	<u>85</u>	<2.3	<1.9	<1.8	<1.9	<0.75	1.4
1,2-Dichloroethane	5	<u>0.5</u>	<2.4	<2.2	<1.9	<2.2	<0.88	<u>1.4</u>
Ethylbenzene	700	<u>140</u>	9.5	7.2	<3.0	3.7	2.9	10
Isopropyl Alcohol	3,000⁽¹⁾		560	160	120	180	100	290
Methylene Chloride	5	<u>0.5</u>	<2.5	<2.4	<2.0	<2.4	<u>1.1</u>	<u>1.1</u>
Methyl Ethyl Ketone (MEK)	4,000	<u>800</u>	96	54	26	15	11	79
Methyl Isobutyl Ketone (MIBK)	500	<u>50</u>	26	18	11	6.0	5.3	28
Tetrachloroethylene	5	<u>0.5</u>	<2.1	<2.2	<1.7	<2.2	<u>1.2</u>	<u>0.92</u>
Toluene	800	<u>160</u>	<u>190</u>	110	120	66	41	120
m-&p-Xylene	2,000	<u>400</u>	26	21	17	9.7	7.4	26
o-Xylene			7.8	5.9	5.1	2.8	2.2	7.4
Total VOCs			1,305.3	576.1	549.1	423.2	221.1	882.5

Compound	NR 140	NR 140	Sample Date and Lab					
	ES	PAL	06/17	07/17				
	--	--	NLS	NLS				
Acetone	9,000	<u>1,800</u>	140	68				
Ethylbenzene	700	<u>140</u>	3.7	3.5				
Isopropyl Alcohol	3,000⁽¹⁾		56	35				
Methyl Ethyl Ketone (MEK)	4,000	<u>800</u>	17	19				
Methyl Isobutyl Ketone (MIBK)	500	<u>50</u>	4.4	5.3				
Toluene	800	<u>160</u>	47	46				
m-&p-Xylene	2,000	<u>400</u>	9.7	8.9				
o-Xylene			2.9	2.6				
Total VOCs			280.7	188.3				

NOTES:

The flow rate was increased and began being metered in March 2012.

Samples were analyzed for a full suite of VOCs using Method 8260. Only compounds detected in one or more samples are listed on this table.

-- = No NR 140 Standard

Underlined values are above an NR 140 PAL but are less than the ES.

Bolded values are above an NR 140 ES.

NR 140 ES and PAL values listed on table downloaded from WAC website - http://docs.legis.wisconsin.gov/code/admin_code/nr/100/140.pdf on 9/10/13.

Some reported values fall below the Limit of Quantitation set by the lab.

Each subsection of this table includes only those compounds detected in one or more samples collected during the range of dates shown.

FOOTNOTE:

(1) There is no NR 140 PAL or ES for 2-propanol (aka isopropyl alcohol). The WDNR has recommended using the health advisory limit of 3,000 ppb based on a 10^{-6} cancer risk taken from the following website: <http://dnr.wi.gov/topic/drinkingwater/documents/halttable.pdf>.

WRR ENVIRONMENTAL SERVICES CO., INC.
EAU CLAIRE, WISCONSIN

TABLE 12

ESTIMATED MASS OF VOCs REMOVED BY PRODUCTION WELL

Sample Date	Meter Reading (gallons)	VOC (µg/l)	Incremental Amount Removed (lbs)	Cumulative Total (lbs)
05/11	0	106.51	0.00	0.00
05/12	1,267,100	33.66	0.74	0.74
06/13	9,362,600	7,557.6	256.4	257.1
10/13 ⁽¹⁾	11,942,300	8,804.6	176.1	433.2
03/14 ⁽²⁾	14,903,600	4,973.8	170.2	603.5
05/06/14	15,589,000	5,697.4	30.5	634.0
07/09/14	17,022,900	8,567.1	85.3	719.3
08/05/14	17,621,500	4,101.0	31.6	751.0
09/09/14	18,338,000	3,885.0	23.9	774.8
10/08/14	19,297,800	6,151.0	40.2	815.0
11/12/14	19,583,300	4,304.5	12.5	827.5
12/04/14	19,984,800	4,759.0	15.2	842.7
01/07/15	20,547,100	4,447.0	21.6	864.3
02/04/15	21,137,800	5,688.0	25.0	889.2
03/11/15	21,885,200	3,457.0	28.5	917.8
04/09/15	22,616,500	3,079.0	19.9	937.7
05/05/15	23,298,100	1,963.0	14.3	952.0
06/03/15	23,998,700	2,263.0	12.4	964.4
07/08/15	24,860,400	2,071.7	15.6	980.0
08/04/15	25,524,500	1,896.3	11.0	991.0
09/09/15	26,481,100	1,418.0	13.2	1,004.2
10/14/15	27,347,200	2,015.2	12.4	1,016.6
11/04/15	27,816,000	1,899.1	7.7	1,024.3
12/03/15	28,411,400	2,269.0	10.4	1,034.6
01/05/16	29,105,000	3,202.0	15.8	1,050.4
03/02/16	30,381,000	3,994.8	38.3	1,088.8
04/05/16	31,210,300	4,020.0	27.7	1,116.5
05/04/16	31,922,200	7,606.0	34.5	1,151.0
06/07/16	32,747,200	4,374.0	41.2	1,192.3
07/12/16	33,664,900	1,670.8	23.1	1,215.4
08/10/16	34,459,600	1,779.0	11.4	1,226.8

TABLE 12

ESTIMATED MASS OF VOCs REMOVED BY PRODUCTION WELL

Sample Date	Meter Reading (gallons)	VOC (µg/l)	Incremental Amount Removed (lbs)	Cumulative Total (lbs)
09/06/16	35,015,300	1,140.7	6.8	1,233.6
10/05/16	35,628,500	1,104.4	5.7	1,239.4
11/03/16	36,199,600	522.0	3.9	1,243.2
12/06/16	36,724,200	1,305.3	4.0	1,247.2
01/09/17	37,261,600	576.1	4.2	1,251.5
02/07/17	37,806,500	549.1	2.6	1,254.0
03/08/17	38,386,000	423.2	2.4	1,256.4
04/05/17	38,965,000	221.1	1.6	1,257.9
05/02/17	39,416,800	883.5	2.1	1,260.0
06/06/17	40,105,500	280.7	3.3	1,263.3
07/11/17	40,822,100	188.3	1.4	1,264.7

TABLE 12

ESTIMATED MASS OF VOCs REMOVED BY PRODUCTION WELL

NOTE:

VOCs = Volatile Organic Compounds

FOOTNOTES:

(1) Meter reading estimated for 10/29/13 based on average flow rate measured in September 2013.

(2) Total VOC concentrations based on sample collected on 3/27/14. The meter reading was recorded on 4/1/14.

Calculation of Incremental Mass of VOCs Removed:

$$[(V_2 - V_1) \times (C_2 + C_1)/2 \times 3.785 \text{ l/gal}] \times 1 \text{ lb}/453,600,000 \text{ } \mu\text{g}$$

- Where: V_2 = total volume of water pumped on date of sample in gallons
 V_1 = total volume of water pumped on date of previous sample used in calculation in gallons
 C_2 = total VOC concentration measured on date of sample in $\mu\text{g}/\ell$
 C_1 = total VOC concentration measured on previous sample date in $\mu\text{g}/\ell$

With the exception of the first sample date shown on the table, all VOC concentrations used to calculate the incremental mass of VOCs removed during a given time period are the average of the total VOC concentrations measured on the current and previous sample dates.

WRR ENVIRONMENTAL SERVICES CO., INC.
EAU CLAIRE, WISCONSIN

TABLE 13

SUMMARY OF VOCs DETECTED IN EXHAUST/SOIL GAS SAMPLES
COLLECTED DURING/AFTER SVE PILOT TESTS ($\mu\text{g}/\text{m}^3$)
FEBRUARY 2015 - JUNE 2017

Detected Compounds	CAS #	Hazardous Air Pollutant? (Yes/No)	Sample Type, Well(s) Sampled, and Date					
			Pilot Test Samples		SVE Exhaust Samples			
			RW-10	RW-11	RW-11	RW-10 & RW-11		
			02/10/15	02/10/15	08/03/16	09/15/16	10/17/16	12/20/16
Acetone	67-64-1	No	<63,000	<6,000	<47,000	<130,000	110,000	12,000
2-Butanone (MEK)	78-93-3	No	66,000	<6,000	<47,000	<130,000	250,000	14,000
Cyclohexane	110-82-7	No	24,000	2,100	23,000	53,000	<9,100	4,800
Chlorobenzene	108-90-7	Yes	<6,300	<600	<4,700	<13,000	<4,500	<1,100
Dichlorodifluoromethane (CFC 12)	75-71-8	No	<6,300	5,000	<4,700	<13,000	<4,500	<1,100
1,1-Dichloroethane	75-34-3	No	<6,300	3,800	21,000	<13,000	<4,500	5,700
cis-1,2-Dichloroethene	156-59-2	No	28,000	40,000	120,000	120,000	18,000	17,000
Ethyl Acetate	141-78-6	No	140,000	6,100	<9,300	86,000	58,000	3,200
Ethylbenzene	100-41-4	Yes	15,000	2,900	14,000	140,000	43,000	9,500
n-Heptane	142-82-5	No	8,200	840	11,000	32,000	6,100	2,300
n-Hexane	110-54-3	Yes	<6,300	<600	6,600	<13,000	<4,500	<1,100
Methylene Chloride	75-09-2	Yes	13,000	<600	<4,700	55,000	5,000	1,300
n-Nonane	111-84-2	No	<6,300	<600	<4,700	<13,000	<4,500	1,800
n-Octane	111-65-9	No	<6,300	<600	8,500	19,000	5,200	2,600
Toluene	108-88-3	Yes	910,000	120,000	550,000	2,500,000	860,000	140,000
1,1,1-Trichloroethane	71-55-6	Yes	42,000	13,000	170,000	110,000	32,000	33,000
Trichloroethene	79-01-6	Yes	18,000	3,000	32,000	160,000	36,000	14,000
Trichlorotrifluoroethane (CFC 113)	76-13-1	No	20,000	51,000	240,000	59,000	14,000	40,000
Tetrachloroethene	127-18-4	Yes	16,000	2,600	15,000	71,000	24,000	13,000
Tetrahydrofuran	109-99-9	No	<6,300	3,100	<4,700	<13,000	8,400	<1,100
Vinyl Chloride	75-01-4	Yes	<6,300	9,900	9,600	<13,000	<4,500	<1,100
m&p-Xylene	179601-23-1	Yes	46,000	9,100	66,000	510,000	160,000	68,000
o-Xylene	95-47-6	Yes	6,300	1,400	19,000	90,000	31,000	19,000
Total HAPs (= sum of detected HAPs)			1,066,300	161,900	882,200	3,636,000	1,191,000	297,800
Total VOCs (= sum of detected VOCs)			1,352,500	273,840	1,305,700	4,005,000	1,660,700	401,200

TABLE 13

SUMMARY OF VOCs DETECTED IN EXHAUST/SOIL GAS SAMPLES
COLLECTED DURING/AFTER SVE PILOT TESTS ($\mu\text{g}/\text{m}^3$)
FEBRUARY 2015 - JUNE 2017

Detected Compounds	CAS #	Hazardous Air Pollutant? (Yes/No)	SVE Exhaust Samples RW-10 & RW-11		
			03/13/17	05/16/17	06/30/17
Acetone	67-64-1	No	52,000	36,000	36,000
2-Butanone (MEK)	78-93-3	No	60,000	40,000	22,000
Cyclohexane	110-82-7	No	<3,700	<2,900	<3,200
Chlorobenzene	108-90-7	Yes	3,700	4,400	4,000
Dichlorodifluoromethane (CFC 12)	75-71-8	No	<1,900	<1,500	<1,600
1,1-Dichloroethane	75-34-3	No	<1,900	<1,500	<1,600
cis-1,2-Dichloroethene	156-59-2	No	9,600	7,100	7,700
Ethyl Acetate	141-78-6	No	45,000	19,000	<3,200
Ethylbenzene	100-41-4	Yes	25,000	21,000	14,000
n-Heptane	142-82-5	No	3,100	2,800	2,300
n-Hexane	110-54-3	Yes	<1,900	<1,500	<1,600
d-Limonene	5989-27-5	No	<1,900	<1,500	5,700
Methylene Chloride	75-09-2	Yes	3,100	2,700	2,100
n-Nonane	111-84-2	No	<1,900	<1,500	<1,600
n-Octane	111-65-9	No	3,000	2,600	2,300
Toluene	108-88-3	Yes	290,000	250,000	210,000
1,1,1-Trichloroethane	71-55-6	Yes	22,000	22,000	20,000
Trichloroethene	79-01-6	Yes	33,000	41,000	42,000
Trichlorotrifluoroethane (CFC 113)	76-13-1	No	10,000	7,600	5,600
Tetrachloroethene	127-18-4	Yes	23,000	30,000	30,000
Tetrahydrofuran	109-99-9	No	2,900	2,000	1,900
Vinyl Chloride	75-01-4	Yes	<1,900	<1,500	<1,600
m&p-Xylene	179601-23-1	Yes	89,000	73,000	51,000
o-Xylene	95-47-6	Yes	26,000	25,000	19,000
Total HAPs (= sum of detected HAPs)			489,200	464,700	388,100
Total VOCs (= sum of detected VOCs)			700,400	586,200	475,600

NOTES:

Concentrations are in micograms per cubic meter ($\mu\text{g}/\text{m}^3$).

February 2015 samples were collected at the end of the pilot test on RW-10 and after the pilot test had been completed on RW-11.

Samples were analyzed for a full suite of VOCs using EPA Method TO-15. Only compounds detected in one or more samples are listed on this table.

Hazardous Air Pollutant status taken from USEPA's Initial List of Hazardous Air Pollutants with Modifications webpage, last updated December 29, 2016.

WRR ENVIRONMENTAL SERVICES, INC.
EAU CLAIRE, WISCONSIN

TABLE 14

ESTIMATED AIR EMISSIONS OF PCE AND TOTAL VOCs FROM THE SVE SYSTEM

Date and Time	Elapsed Time (hr)	Run Time ⁽¹⁾ (hr)	Hour Meter Reading (hr)	Vacuum (inch wc)			Run Time (%)	Dual-Phase Well(s) Online		Flow Rate		Tetrachloroethene (PCE)			Total HAPs			Total VOCs			FN		
				Blower Inlet	System Manifold	Te (F)		RW-10	RW-11	(scfm)	(ft ³ /hr)	Conc. (µg/m ³)	Rate (lb/hr)	Cumulative (lb)	Conc. (µg/m ³)	Rate (lb/hr)	Cumulative (lb)	Conc. (µg/m ³)	Rate (lb/hr)	Cumulative (lb)			
7/6/16 15:00		0		50		220			X	240	14,400	15,000	0.0135	0.0	882,200	0.79	0	1,305,700	1.17	0	(2)		
7/22/16 12:45		382		50		220	100		X	240	14,400	15,000	0.0135	5.1	882,200	0.79	303	1,305,700	1.17	448	(2)		
8/3/16 8:20	0.0	382	0.0	50		220			X	240	14,400	15,000	0.0135	5.1	882,200	0.79	303	1,305,700	1.17	448			
9/13/16 9:00	984.7	1,366.4	552.3	78	90	220	100	X	X	162	9,696	71,000	0.0430	18.4	3,636,000	2.2	1,083	4,005,000	2.4	1,603	(3)		
9/15/16 9:45	48.8	1,415.2		78	96	230	100	X	X	162	9,696	71,000	0.0430	20.5	3,636,000	2.2	1,190	4,005,000	2.4	1,721			
10/17/16 13:00	771.2	2,186.4	1,322.5	96	96	246	100	X	X	111	6,672	24,000	0.0100	40.9	1,191,000	0.50	2,230	1,660,700	0.69	2,922			
12/20/16 12:30	1,534.5	3,720.9	2,859.7	90	90	266	100	X	X	128	7,680	13,000	0.0062	53.4	297,800	0.14	2,720	401,200	0.19	3,600			
3/13/17 14:00	1,992.5	5,713.4	4,834.7	100	98	252	99	X	X	100	6,000	23,000	0.0086	68.2	514,800	0.19	3,054	700,400	0.26	4,053			
5/16/17 10:35	1,532.6	7,246.0	6382.5	100	98	268	100	X	X	100	6,000	30,000	0.0112	83.4	464,700	0.17	3,335	586,200	0.22	4,422			
6/30/17 8:15	1,077.7	8,323.7	7454.3	98	98	258	100	X	X	106	6,336	30,000	0.0119	95.8	388,100	0.15	3,512	475,600	0.19	4,642			
NR445.07 Table A thresholds for PCE, Total HAP MACT, & NR406 emission limit for total VOCs													9.11	301 lb/yr			2,204 lb/yr		5.7				
													71,000		3,636,000			4,005,000		2.4 Period max		0.19 Period min	

NOTES:

Run Time = Run time of the SVE blower (Rotron Model EN858 with 7.5-hp motor).

Flow Rate = Volumetric flow rate (ranges 7,200-14,400 ft³/hr, as a function of vacuum, based on the blower performance curve).

Conc. = Measured concentration (for detected compounds).

Rate = Emission rates (lb/hr) calculated by multiplying the flow rate, in ft³/hr, by the measured concentration, in µg/m³, by 6.24E-11 to convert from µg/m³ to lb/ft³.

Cumulative emissions routinely calculated by multiplying the average emission rate during a period by the difference in run times at the beginning and end of that period and adding the cumulative mass from the previous period. However, only the 8/3/16 rates applied for the 8/3/16-9/13/16 period because RW-10 was brought online on 9/13/16.

FOOTNOTES:

(1) Operation of the SVE system began on 7/6/16. It was temporarily shutdown from 7/22/16 to 8/3/16, but has been in continuous operation since then with only one hour of downtime through 12/20/16. Run time is calculated by adding the elapsed time from previous sampling period to prior run time total. of the SVE system began on 7/6/16. It was temporarily shutdown from 7/22/16 to 8/3/16, but has been in continuous operation since then.

(2) No SVE exhaust gas sample collected; PCE and total VOC data shown are based on measured concentrations in 8/3/16 sample.

(3) No SVE exhaust gas sample collected; PCE and total VOC data shown are based on measured concentrations in 9/15/16 sample.

EXAMPLE CALCULATIONS:

VOC emission rate on 8/3/16:

$$\frac{14,400 \text{ ft}^3}{\text{hr}} \times \frac{1,305,700 \text{ } \mu\text{g}}{\text{m}^3} \times 6.24\text{E-}11 \frac{\text{lb/ft}^3}{\mu\text{g/m}^3} = 1.17 \text{ lb/hr}$$

Cumulative total VOC emissions from 7/6/16 to 7/22/16:

$$\frac{(1.17+1.17) \text{ lb/hr}}{2} \times (382-0 \text{ hr}) + 0 \text{ lb} = 448 \text{ lb}$$

WRR ENVIRONMENTAL SERVICES CO., INC.
EAU CLAIRE, WISCONSIN

TABLE 15

GROUNDWATER MONITORING SCHEDULE
UPDATED SEPTEMBER 2016

Sample Point Name	WDNR Well ID	Sampling Frequency
Production Well	010	Q
Drinking Water Well	020	SA
Lowes Creek Park Hand Pump ⁽¹⁾	040	A
W-1 ⁽³⁾	100	A
W-1A ⁽³⁾	103	SA
W-1D	109	SA
W-2	112	A
W-2A	115	A
W-2B	118	A
W-3	121	A
W-3A	124	A
W-3B	127	A
W-4	130	A
W-5	133	SA
W-6	136	SA
W-7	139	SA
W-7A	142	SA
W-17	169	A
W-17A	172	SA
W-17B	175	SA
W-18 ⁽³⁾	178	SA
W-18A ⁽³⁾	181	SA
W-19R	185	SA
W-20 ⁽³⁾	187	A
W-22 ⁽³⁾	193	SA
W-26	205	SA
W-27	208	SA
W-28	211	SA
W-29 ⁽³⁾	214	A
W-30A	217	A
W-30B	220	A
W-31A	223	SA
W-31B	226	SA
W-32	228	SA
W-33	233	SA
W-34		SA

Sample Point Name	WDNR Well ID	Sampling Frequency
MW-106 ⁽²⁾	330	A
MW-106A ⁽²⁾	333	A
MW-111	357	SA
MW-111A	360	SA
MW-111B	363	SA
MW-112	366	A
MW-112A	369	A
MW-112B	372	A
MW-113	375	A
MW-113A	378	A
MW-113B	381	A
MW-114	384	A
MW-114A	387	A
MW-114B	390	A
MW-115	393	SA
MW-115A	396	SA
MW-115B	399	SA
MW-116	402	A
TW-1	404	SA
RW-2	503	SA
RW-4	509	SA
RW-5	512	SA
RW-6	515	M
RW-7	518	M
RW-8	521	SA
RW-9	524	SA
RW-10	527	M
RW-11	530	M
RW-12		M
RW-13		M
Seep 2N (2nd Seep N)	610	A
Seep 7N	612	A
Seep 8N	614	A
Seep 9N	616	A
Method Blank	995	1 per event
Field Blank	997	1 per event
Trip Blank	999	1 per cooler
Duplicate		1 per 10 samples

NOTES:

A = Annual sample in April/May of each year.

SA = Semi-annual sampling in April/May and October/November of each year.

Q = Quarterly sampling; recovery wells only sampled on a quarterly basis when pumping.

FOOTNOTES:

(1) Sampling of Lowes Creek Hand Pump should be "prior to placement of the well into use for the season".

(2) MW-105 and MW-105A originally proposed and approved for monitoring, but are abandoned. MW-106 and MW-106A are the next closest

(3) Wells W-1, W-1A, W-18, W-18A, W-20, W-22, and W-29 are wells to be monitored during 2nd quarter of each year per WPDES Permit No. WI-0058718-04-0.

(4) Shaded wells W-18, W-18A, W-22, and W-29: If concentrations of acetone, MEK, or MIBK exceed 50% of their respective ES concentration during a sampling event, quarterly sampling from the well(s) where the exceedance occurred shall commence and continue until the levels drop below 50% of the ES for two consecutive quarters per WPDES Permit No. WI-0058718-04-0.

WRR ENVIRONMENTAL SERVICES CO., INC.
EAU CLAIRE, WISCONSIN

TABLE 16

GROUNDWATER ELEVATIONS (APRIL 2012 THROUGH OCTOBER 2013)

Well ID	WDNR Well ID	Reference Elevation (ft MSL)	April 30, 2012		October 1, 2012		June 26, 2013		October 28, 2013	
			Depth to Water (ft)	GW Elevation (ft MSL)	Depth to Water (ft)	GW Elevation (ft MSL)	Depth to Water (ft)	GW Elevation (ft MSL)	Depth to Water (ft)	GW Elevation (ft MSL)
W-1	100	893.58	5.04	888.54	NM	NM	2.65	890.93	4.79	888.79
W-1A	103	893.68	20.75	872.93	21.63	872.05	19.26	874.42	20.91	872.77
W-1D	109	895.00	22.27	872.73	22.50	872.50	20.20	874.80	21.72	873.28
W-2	112	899.21	Dry	Dry	Dry	Dry	11.56	887.65	14.31	884.90
W-2A	115	900.17	28.71	871.46	NM	NM	27.85	872.32	28.09	872.08
W-2B	118	900.03	NM	NM	20.74	NM	18.89	881.14	18.90	881.13
W-3	121	902.22	15.50	886.72	NM	NM	12.62	889.60	14.74	887.48
W-3A	124	903.79	31.40	872.39	NM	NM	30.51	873.28	30.79	873.00
W-3B	127	904.14	20.91	883.23	NM	NM	19.63	884.51	19.36	884.78
W-4	130	903.20	19.84	883.36	NM	NM	17.82	885.38	18.49	884.71
W-5	133	899.47	12.69	886.78	14.23	885.24	9.75	889.72	12.88	886.59
W-6	136	900.88	Dry	Dry	Dry	Dry	14.28	886.60	Dry	Dry
W-7	139	904.18	20.96	883.22	21.51	882.67	19.32	884.86	19.78	884.40
W-7A	142	905.33	23.53	881.80	24.23	881.10	22.17	883.16	22.27	883.06
W-8	145	905.89	NM	NM	NM	NM	NM	NM	NM	NM
W-9	148	896.49	11.89	884.60	NM	NM	NM	NM	Abandoned 9/13	
W-10	151	892.93	NM	NM	11.59	881.34	NM	NM	9.66	883.27
MW-10A	154	891.78	NM	NM	24.46	867.32	NM	NM	23.40	868.38
W-11	157	890.95	NM	NM	11.59	879.36	NM	NM	9.87	881.08
W-16	166	898.87	13.41	885.46	NM	NM	NM	NM	Abandoned 9/13	
W-17	169	891.97	13.62	878.35	NM	NM	7.84	884.13	12.38	879.59
W-17A	172	890.11	35.33	854.78	36.11	854.00	34.37	855.74	35.54	854.57
W-17B	175	890.38	32.03	858.35	33.00	857.38	30.98	859.40	33.12	857.26
W-18	178	890.69	6.65	884.04	8.71	881.98	2.44	888.25	5.83	884.86
W-18A	181	890.82	25.72	865.10	26.72	864.10	25.21	865.61	26.21	864.61
W-19	184	893.16	24.90	868.26	NM	NM	NM	NM	Abandoned 9/13	
W-20	187	892.86	23.72	869.14	24.74	868.12	21.77	871.09	24.33	868.53
W-21	190	890.08	31.55	858.53	NM	NM	NM	NM	Abandoned 9/13	
W-22	193	891.19	32.87	858.32	33.84	857.35	32.45	858.74	34.54	856.65
W-23	196	894.70	NM	NM	NM	NM	NM	NM	6.05	888.65
W-24	199	895.08	NM	MN	NM	NM	NM	NM	7.31	887.77
W-25	202	895.08	NM	MN	NM	NM	NM	NM	6.63	888.45
W-26	205	892.37	30.71	861.66	31.83	860.54	29.56	862.81	31.34	861.03
W-27	208	888.86	36.31	852.55	37.23	851.63	35.81	853.05	37.08	851.78
W-28	211	893.36	NM	NM	10.48	882.88	NM	NM	8.56	884.80
W-29	214	892.26	10.19	882.07	NM	NM	4.45	887.81	9.43	882.83
W-30A	217	875.57	21.82	853.75	NM	NM	20.94	854.63	22.07	853.50
W-30B	220	876.33	20.81	855.52	NM	NM	19.84	856.49	21.02	855.31
MW-101	300	894.10	10.06	884.04	NM	NM	NM	NM	Abandoned 9/13	
MW-101A	303	893.82	NM	NM	20.74	NM	NM	NM	19.54	874.28

TABLE 16

GROUNDWATER ELEVATIONS (APRIL 2012 THROUGH OCTOBER 2013)

Well ID	WDNR Well ID	Reference Elevation (ft MSL)	April 30, 2012		October 1, 2012		June 26, 2013		October 28, 2013	
			Depth to Water (ft)	GW Elevation (ft MSL)	Depth to Water (ft)	GW Elevation (ft MSL)	Depth to Water (ft)	GW Elevation (ft MSL)	Depth to Water (ft)	GW Elevation (ft MSL)
MW-102	306	892.27	NM	NM	11.74	NM	NM	NM	9.70	882.57
MW-102A	309	892.62	NM	NM	22.43	NM	NM	NM	20.91	871.71
MW-103	312	892.18	NM	NM	Dry	Dry	NM	NM	Dry	Dry
MW-103A	315	891.82	NM	NM	27.31	NM	NM	NM	26.61	865.21
MW-104	318	890.46	NM	NM	16.02	NM	NM	NM	12.27	878.19
MW-104A	321	890.74	NM	NM	34.27	NM	NM	NM	34.12	856.62
MW-106	330	892.88	10.73	882.15	NM	NM	6.24	886.64	10.06	882.82
MW-106A	333	892.89	27.49	865.40	NM	NM	25.1	867.79	27.14	865.75
MW-107	336	893.90	NM	NM	NM	NM	NM	NM	9.89	884.01
MW-107A	339	893.65	NM	NM	NM	NM	NM	NM	22.55	871.10
MW-108	342	894.85	NM	NM	13.07	881.78	NM	NM	10.70	884.15
MW-108A	345	894.79	NM	NM	21.14	873.65	NM	NM	19.43	875.36
MW-109	348	896.98	NM	NM	NM	NM	NM	NM	12.81	884.17
MW-110	354	894.91	NM	NM	NM	NM	NM	NM	10.82	884.09
MW-111	357	888.11	41.80	846.31	42.40	845.71	41.59	846.52	42.01	846.10
MW-111A	360	888.24	41.72	846.52	42.33	845.91	41.49	846.75	42.01	846.23
MW-111B	363	888.07	38.71	849.36	39.42	848.65	38.34	849.73	38.88	849.19
MW-112	366	886.26	35.68	850.58	NM	NM	35.39	850.87	25.99	860.27
MW-112A	369	886.08	35.50	850.58	NM	NM	35.11	850.97	35.82	850.26
MW-112B	372	886.29	35.69	850.60	NM	NM	35.25	851.04	35.91	850.38
MW-113	375	890.59	41.47	849.12	NM	NM	41.25	849.34	41.67	848.92
MW-113A	378	890.83	41.64	849.19	NM	NM	41.37	849.46	41.88	848.95
MW-113B	381	890.81	41.05	849.76	NM	NM	40.73	850.08	41.26	849.55
MW-114	384	890.15	31.35	858.80	32.46	857.69	31.90	858.25	34.04	856.11
MW-114A	387	889.95	34.15	855.80	34.96	854.99	33.17	856.78	34.45	855.50
MW-114B	390	890.01	34.02	855.99	34.80	855.21	33.05	856.96	34.03	855.98
MW-115	393	889.14	36.82	852.32	37.56	851.58	36.04	853.10	37.03	852.11
MW-115A	396	888.42	36.13	852.29	36.88	851.54	35.36	853.06	36.36	852.06
MW-115B	399	888.54	36.10	852.44	36.78	851.76	35.29	853.25	36.17	852.37
MW-116	402	889.80	9.10	880.70	NM	NM	3.23	886.57	9.48	880.32
RW-5	512	903.75	20.40	883.35	20.82	882.93	20.40	883.35	NM	NM

TABLE 16

GROUNDWATER ELEVATIONS (MAY 2014 THROUGH NOVEMBER 2015)

Well ID	WDNR Well ID	Reference Elevation (ft MSL)	May 14, 2014		October 8, 2014		June 10, 2015		November 3, 2015	
			Depth to Water (ft)	GW Elevation (ft MSL)	Depth to Water (ft)	GW Elevation (ft MSL)	Depth to Water (ft)	GW Elevation (ft MSL)	Depth to Water (ft)	GW Elevation (ft MSL)
W-1	100	893.58	2.44	891.14	NM	NM	2.26	891.32	2.77	890.81
W-1A	103	893.68	19.74	873.94	18.61	875.07	20.03	873.65	19.11	874.57
W-1D	109	895.00	21.57	873.43	19.45	875.55	20.88	874.12	19.95	875.05
W-2	112	899.21	13.43	885.78	NM	NM	13.40	885.81	13.00	886.21
W-2A	115	900.17	28.34	871.83	NM	NM	27.89	872.28	26.95	873.22
W-2B	118	900.03	19.74	880.29	NM	NM	18.97	881.06	17.70	882.33
W-3	121	902.22	13.10	889.12	NM	NM	13.26	888.96	13.33	888.89
W-3A	124	903.79	30.77	873.02	NM	NM	30.46	873.33	29.70	874.09
W-3B	127	904.14	NM	NM	NM	NM	19.51	884.63	18.30	885.84
W-4	130	903.20	19.03	884.17	NM	NM	18.13	885.07	17.00	886.20
W-5	133	899.47	9.40	890.07	10.48	888.99	11.00	888.47	10.85	888.62
W-6	136	900.88	NM	NM	Dry	Dry	Dry	Dry	Dry	Dry
W-7	139	904.18	20.40	883.78	16.81	887.37	19.22	884.96	18.32	885.86
W-7A	142	905.33	22.81	882.52	19.75	885.58	22.18	883.15	21.38	883.95
W-8	145	905.89	NM	NM	NM	NM	NM	NM	NM	NM
W-10	151	892.93	3.72	889.21	NM	NM	NM	NM	NM	NM
MW-10A	154	891.78	22.76	869.02	NM	NM	NM	NM	NM	NM
W-11	157	890.95	3.90	887.05	NM	NM	NM	NM	NM	NM
W-17	169	891.97	9.35	882.62	NM	NM	9.74	882.23	10.04	881.93
W-17A	172	890.11	35.05	855.06	34.00	856.11	34.60	855.51	34.39	855.72
W-17B	175	890.38	32.32	858.06	30.22	860.16	21.14	869.24	30.93	859.45
W-18	178	890.69	2.38	888.31	2.57	888.12	2.41	888.28	2.45	888.24
W-18A	181	890.82	27.73	863.09	25.80	865.02	23.51	867.31	24.75	866.07
W-19R	185	892.30	NI	NI	NI	NI	25.36	866.94	22.48	869.82
W-20	187	892.86	NM	NM	NM	NM	22.8	870.06	22.1	870.76
W-22	193	891.19	33.68	857.51	31.41	859.78	32.12	859.07	32.03	859.16
W-23	196	894.70	3.62	891.08	NM	NM	NM	NM	NM	NM
W-24	199	895.08	NM	NM	NM	NM	4.96	890.12	5.10	889.98
W-25	202	895.08	NM	NM	NM	NM	NM	NM	NM	NM
W-26	205	892.37	30.42	861.95	28.80	863.57	29.81	862.56	29.48	862.89
W-27	208	888.86	36.31	852.55	35.40	853.46	35.74	853.12	35.73	853.13
W-28	211	893.36	5.30	888.06	5.58	887.78	6.35	887.01	6.27	887.09
W-29	214	892.26	4.41	887.85	NM	NM	5.45	886.81	5.89	886.37
W-30A	217	875.57	21.53	854.04	NM	NM	21.18	854.39	21.08	854.49
W-30B	220	876.33	20.51	855.82	NM	NM	20.10	856.23	19.98	856.35
W-31A	223	902.86	NI	NI	NI	NI	20.86	882.00	20.28	882.58
W-31B	226	902.94	NI	NI	NI	NI	24.21	878.73	24.90	878.04
MW-101A	303	893.82	18.79	875.03	NM	NM	NM	NM	NM	NM
MW-102	306	892.27	4.59	887.68	NM	NM	NM	NM	NM	NM
MW-102A	309	892.62	19.96	872.66	NM	NM	NM	NM	NM	NM
MW-103	312	892.18	4.99	887.19	NM	NM	NM	NM	NM	NM
MW-103A	315	891.82	25.64	866.18	NM	NM	NM	NM	NM	NM

TABLE 16

GROUNDWATER ELEVATIONS (MAY 2014 THROUGH NOVEMBER 2015)

Well ID	WDNR Well ID	Reference Elevation (ft MSL)	May 14, 2014		October 8, 2014		June 10, 2015		November 3, 2015	
			Depth to Water (ft)	GW Elevation (ft MSL)	Depth to Water (ft)	GW Elevation (ft MSL)	Depth to Water (ft)	GW Elevation (ft MSL)	Depth to Water (ft)	GW Elevation (ft MSL)
MW-104	318	890.46	10.34	880.12	NM	NM	NM	NM	NM	NM
MW-104A	321	890.74	33.36	857.38	NM	NM	NM	NM	NM	NM
MW-106	330	892.88	7.75	885.13	NM	NM	8.53	884.35	8.42	884.46
MW-106A	333	892.89	26.71	866.18	NM	NM	26.11	866.78	25.55	867.34
MW-107	336	893.90	8.45	885.45	Abandoned 9/14		Abandoned 9/14		Abandoned 9/14	
MW-107A	339	893.65	22.61	871.04	Abandoned 9/14		Abandoned 9/14		Abandoned 9/14	
MW-108	342	894.85	9.41	885.44	NM	NM	NM	NM	NM	NM
MW-108A	345	894.79	19.76	875.03	NM	NM	NM	NM	NM	NM
MW-109	348	896.98	11.22	885.76	Abandoned 9/14		Abandoned 9/14		Abandoned 9/14	
MW-110	354	894.91	6.77	888.14	Abandoned 9/14		Abandoned 9/14		Abandoned 9/14	
MW-111	357	888.11	41.65	846.46	41.31	846.80	41.44	846.67	41.31	846.80
MW-111A	360	888.24	41.58	846.66	41.23	847.01	41.34	846.90	41.26	846.98
MW-111B	363	888.07	38.45	849.62	37.94	850.13	38.21	849.86	38.11	849.96
MW-112	366	886.26	35.53	850.73	NM	NM	35.33	850.93	35.21	851.05
MW-112A	369	886.08	35.35	850.73	NM	NM	35.15	850.93	35.06	851.02
MW-112B	372	886.29	35.42	850.87	NM	NM	35.20	851.09	35.14	851.15
MW-113	375	890.59	41.33	849.26	NM	NM	41.22	849.37	NM	NM
MW-113A	378	890.83	41.47	849.36	NM	NM	41.41	849.42	NM	NM
MW-113B	381	890.81	40.80	850.01	NM	NM	40.81	850.00	NM	NM
MW-114	384	890.15	30.06	860.09	NM	NM	31.37	858.78	31.35	858.80
MW-114A	387	889.95	33.95	856.00	NM	NM	33.47	856.48	33.28	856.67
MW-114B	390	890.01	33.69	856.32	NM	NM	33.55	856.46	33.32	856.69
MW-115	393	889.14	36.57	852.57	35.76	853.38	36.31	852.83	36.05	853.09
MW-115A	396	888.42	35.90	852.52	35.09	853.33	35.7	852.72	35.4	853.02
MW-115B	399	888.54	35.77	852.77	35.03	853.51	35.62	852.92	35.38	853.16
MW-116	402	889.80	3.24	886.56	NM	NM	4.50	885.30	5.61	884.19
RW-5	512	903.75	NM	NM	NM	NM	NM	NM	NM	NM

NOTES:

NI = Well not installed on date of measurement

NM = Not measured

- Reference elevation data for W-1 through W-29 and MW-101 through MW-110 taken from ECG Inc.'s 05/02/96 "Site Plan - Waste Research and Reclamation" showing revised monitoring well elevations.

- Reference elevation for W-30A, W-30B, MW-103, and MW-103A from WRR level survey conducted 9/19/07.

- Reference elevation for W-111 through MW-113B based on table with groundwater monitoring well information prepared by SEH dated January 14, 2005.

- Reference elevations for well nests MW-113 through MW-115 and well MW-116 based on SEH survey conducted in May 2010.

- Reference elevations for wells W-19R, W-31A, and W-31B were surveyed by Gannett Fleming in December 2014.

TABLE 16

GROUNDWATER ELEVATIONS (MAY 2016 THROUGH MAY 2017)

Well ID	WDNR Well ID	Reference Elevation (ft MSL)	May 25, 2016		October 3, 2016		May 15, 2017	
			Depth to Water (ft)	GW Elevation (ft MSL)	Depth to Water (ft)	GW Elevation (ft MSL)	Depth to Water (ft)	GW Elevation (ft MSL)
W-1	100	893.58	2.63	890.95	2.9	890.68	2.03	891.55
W-1A	103	893.68	18.66	875.02	17.0	876.68	16.36	877.32
W-1D	109	895.00	19.56	875.44	17.9	877.10	17.32	877.68
W-2	112	899.21	12.12	887.09	9.7	889.51	9.69	889.52
W-2A	115	900.17	26.35	873.82	24.9	875.27	24.48	875.69
W-2B	118	900.03	17.22	882.81	15.1	884.93	14.60	885.43
W-3	121	902.22	13.62	888.60	11.2	891.02	10.96	891.26
W-3A	124	903.79	29.11	874.68	27.8	875.99	27.02	876.77
W-3B	127	904.14	18.03	886.11	15.2	888.94	14.57	889.57
W-4	130	903.20	16.22	886.98	13.9	889.30	12.47	890.73
W-5	133	899.47	11.12	888.35	9.1	890.37	7.38	892.09
W-6	136	900.88	Dry	Dry	Dry	Dry	11.44	889.44
W-7	139	904.18	17.62	886.56	16.7	887.48	14.30	889.88
W-7A	142	905.33	20.78	884.55	18.1	887.23	17.30	888.03
W-8	145	905.89	NM	NM	NM	NM	NM	NM
W-10	151	892.93	NM	NM	NM	NM	NM	NM
MW-10A	154	891.78	NM	NM	NM	NM	NM	NM
W-11	157	890.95	NM	NM	NM	NM	NM	NM
W-17	169	891.97	9.84	882.13	9.0	882.97	9.85	882.12
W-17A	172	890.11	33.70	856.41	33.2	856.91	32.77	857.34
W-17B	175	890.38	29.70	860.68	29.2	861.18	28.50	861.88
W-18	178	890.69	3.65	887.04	2.45	888.24	2.31	888.38
W-18A	181	890.82	25.26	865.56	22.59	868.23	21.72	869.10
W-19R	185	892.30	22.55	869.75	20.7	871.60	19.86	872.44
W-20	187	892.86	21.95	870.91	20.2	872.66	19.37	873.49
W-22	193	891.19	30.93	860.26	30.4	860.79	29.75	861.44
W-23	196	894.70	NM	NM	NM	NM	NM	NM
W-24	199	895.08	NM	NM	NM	NM	NM	NM
W-25	202	895.08	NM	NM	NM	NM	NM	NM
W-26	205	892.37	28.70	863.67	27.9	864.47	26.75	865.62
W-27	208	888.86	34.69	854.17	34.7	854.16	33.74	855.12
W-28	211	893.36	16.13	877.23	4.7	888.66	4.55	888.81
W-29	214	892.26	6.00	886.26	4.7	887.56	4.95	887.31
W-30A	217	875.57	20.61	854.96	20.3	855.27	19.46	856.11
W-30B	220	876.33	19.51	856.82	19.1	857.23	18.20	858.13
W-31A	223	902.86	25.41	877.45	17.4	885.46	16.55	886.31
W-31B	226	902.94	19.71	883.23	19.9	883.04	26.20	876.74
W-32	788	899.36	NI	NI	12.7	886.66	12.23	887.13
W-33	787	901.26	NI	NI	10.1	891.16	9.37	891.89
MW-101A	303	893.82	NM	NM	NM	NM	NM	NM
MW-102	306	892.27	NM	NM	NM	NM	NM	NM
MW-102A	309	892.62	NM	NM	NM	NM	NM	NM
MW-103	312	892.18	NM	NM	NM	NM	NM	NM

TABLE 16

GROUNDWATER ELEVATIONS (MAY 2016 THROUGH MAY 2017)

Well ID	WDNR Well ID	Reference Elevation (ft MSL)	May 25, 2016		October 3, 2016		May 15, 2017	
			Depth to Water (ft)	GW Elevation (ft MSL)	Depth to Water (ft)	GW Elevation (ft MSL)	Depth to Water (ft)	GW Elevation (ft MSL)
MW-103A	315	891.82	NM	NM	NM	NM	NM	NM
MW-104	318	890.46	NM	NM	NM	NM	NM	NM
MW-104A	321	890.74	NM	NM	NM	NM	NM	NM
MW-106	330	892.88	7.90	884.98	7.4	885.48	6.90	885.98
MW-106A	333	892.89	24.65	868.24	23.4	869.49	23.21	869.68
MW-108	342	894.85	NM	NM	NM	NM	NM	NM
MW-108A	345	894.79	NM	NM	NM	NM	NM	NM
MW-111	357	888.11	40.95	847.16	41.2	846.91	41.65	846.46
MW-111A	360	888.24	40.72	847.52	40.2	848.04	40.30	847.94
MW-111B	363	888.07	37.65	850.42	37.5	850.57	37.00	851.07
MW-112	366	886.26	34.60	851.66	34.6	851.66	34.15	852.11
MW-112A	369	886.08	34.45	851.63	34.5	851.58	34.00	852.08
MW-112B	372	886.29	34.63	851.66	34.4	851.89	34.00	852.29
MW-113	375	890.59	40.49	850.10	40.2	850.39	39.59	851.00
MW-113A	378	890.83	40.74	850.09	40.5	850.33	39.66	851.17
MW-113B	381	890.81	40.14	850.67	39.8	851.01	38.96	851.85
MW-114	384	890.15	30.44	859.71	29.9	860.25	28.72	861.43
MW-114A	387	889.95	33.50	856.45	32.2	857.75	31.33	858.62
MW-114B	390	890.01	33.20	856.81	32.2	857.81	31.36	858.65
MW-115	393	889.14	35.65	853.49	35.1	854.04	34.65	854.49
MW-115A	396	888.42	35.25	853.17	34.4	854.02	34.00	854.42
MW-115B	399	888.54	35.12	853.42	34.4	854.14	33.80	854.74
MW-116	402	889.80	6.10	883.70	4.0	885.80	4.10	885.70
RW-5	512	903.75	17.54	886.21	NM	NM	NM	NM

NOTES:

NI = Well not installed on date of measurement

NM = Not measured

- Reference elevation data for W-1 through W-29 and MW-101 through MW-110 taken from ECG Inc.'s 05/02/96 "Site Plan - Waste Research and Reclamation" showing revised monitoring well elevations.

- Reference elevation for W-30A, W-30B, MW-103, and MW-103A from WRR level survey conducted 9/19/07.

- Reference elevation for W-111 through MW-113B based on table with groundwater monitoring well information prepared by SEH dated January 14, 2005.

- Reference elevations for well nests MW-113 through MW-115 and well MW-116 based on SEH survey conducted in May 2010.

- Reference elevations for wells W-19R, W-31A, and W-31B were surveyed by Gannett Fleming in December 2014.

WRR ENVIRONMENTAL SERVICES CO., INC.
EAU CLAIRE, WISCONSIN

TABLE 17

MEASURED VERTICAL GRADIENT (MAY 2017)

Well ID	WDNR Well ID	Ground Surface Elevation (ft MSL)	Top of Casing Elevation (ft MSL)	Top of Screened Interval (ft MSL)	Bottom of Screened Interval (ft MSL)	May 2017 Data		
						Depth to Water (ft)	GW Elevation (ft MSL)	Vertical Gradient (ft/ft)
W-1	100	892.24	893.58	890.24	885.24	2.03	891.55	
W-1A	103	892.64	893.68	855.64	852.64	16.36	877.32	-0.3804
W-1D	109	892.64	895.00	849.64	844.64	17.32	877.68	-0.3123
W-2	112	898.52	899.21	889.52	884.52	9.69	889.52	
W-2A	115	898.02	900.17	793.02	788.02	24.48	875.69	-0.1397
W-2B	118	897.92	900.03	847.92	842.92	14.60	885.43	-0.0927
W-3	121	901.66	902.22	891.66	886.66	10.96	891.26	
W-3A	124	902.86	903.79	794.86	789.86	27.02	876.77	-0.1465
W-3B	127	902.16	904.14	846.16	841.16	14.57	889.57	-0.0355
W-7	139	900.53	904.18	888.03	878.03	14.30	889.88	
W-7A	142	900.53	905.33	873.03	868.03	17.30	888.03	-0.0956
W-17	169	888.32	891.97	886.12	875.32	9.85	882.12	
W-17A	172	888.32	890.11	793.32	788.32	32.77	857.34	-0.2714
W-17B	175	888.32	890.38	844.32	839.32	28.50	861.88	-0.5022
W-18	178	888.24	890.69	884.74	874.74	2.31	888.38	
W-18A	181	888.24	890.82	838.24	833.24	21.72	869.10	-0.3663
W-30A	217	872.07	875.57	762.07	757.07	19.46	856.11	
W-30B	220	872.83	876.33	749.33	744.33	18.20	858.13	0.0026
W-31A	223	900.37	902.86	860.16	855.16	16.55	886.31	
W-31B	226	900.37	902.94	839.64	834.64	26.20	876.74	-0.1166
MW-106	330	890.96	892.88	880.96	875.96	6.90	885.98	
MW-106A	333	890.96	892.89	853.96	848.96	23.21	869.68	-0.4722
MW-111	357	885.59	888.11	850.59	840.59	41.65	846.46	
MW-111A	360	885.59	888.24	820.59	815.59	40.30	847.94	0.0522
MW-111B	363	885.51	888.07	790.51	785.51	37.00	851.07	0.0789
MW-112	366	883.88	886.26	853.88	843.88	34.15	852.11	
MW-112A	369	883.43	886.08	828.43	823.43	34.00	852.08	-0.0011
MW-112B	372	883.87	886.29	798.87	793.87	34.00	852.29	0.0032
MW-113	375	888.21	890.59	852.21	842.21	39.59	851.00	
MW-113A	378	888.14	890.83	823.14	818.14	39.66	851.17	0.0056
MW-113B	381	888.36	890.81	793.36	788.36	38.96	851.85	0.0141
MW-114	384	886.65	890.15	861.70	846.70	28.72	861.43	
MW-114A	387	886.45	889.95	787.25	782.25	31.33	858.62	-0.0366
MW-114B	390	886.51	890.01	751.51	746.51	31.36	858.65	-0.0247

TABLE 17

MEASURED VERTICAL GRADIENT (MAY 2017)

Well ID	WDNR Well ID	Ground Surface Elevation (ft MSL)	Top of Casing Elevation (ft MSL)	Top of Screened Interval (ft MSL)	Bottom of Screened Interval (ft MSL)	May 2017 Data		
						Depth to Water (ft)	GW Elevation (ft MSL)	Vertical Gradient (ft/ft)
MW-115	393	885.64	889.14	795.44	790.44	34.65	854.49	
MW-115A	396	884.92	888.42	775.80	770.80	34.00	854.42	-0.0009
MW-115B	399	885.04	888.54	745.94	740.94	33.80	854.74	0.0023

NOTES:

- Vertical gradients are calculated based on difference between groundwater elevations measured in water table well and each piezometer.
- Top of casing and ground surface elevations for W-1 through W-29 and MW-101 through MW-110 taken from ECG Inc.'s 05/02/96 "Site Plan - Waste Research and Reclamation" showing revised monitoring well elevations.
- Top of casing elevation for W-30A, W-30B, MW-103, and MW-103A from WRR level survey conducted 9/19/07.
- Top of casing and ground surface elevations for W-111 through MW-113B based on table with groundwater monitoring well information prepared by SEH dated January 14, 2005.
- Top of casing elevations for well nests MW-113 through MW-115 and well MW-116 based on SEH survey conducted in May 2010.
- Ground surface elevations were not surveyed for wells W-30A&B, MW-114A&B, and MW-115A&B. The ground surface elevations were derived by subtracting 3.5 ft from the top of casing elevations (TOC - 3.5).

WRR ENVIRONMENTAL SERVICES CO., INC.
EAU CLAIRE, WISCONSIN

TABLE 18

SUMMARY OF DETECTED COMPOUNDS IN RW-12 & RW-13 ($\mu\text{g}/\ell$)
AUGUST 2017

Compound	NR 140 ES	NR 140 PAL	RW-12	RW-13
Acetone	9,000	<u>1,800</u>	69,300	39,100
2-Butanone (MEK)	4,000	<u>800</u>	16,400	5,560
1,1-Dichloroethane	850	<u>85</u>	<u>353</u>	966
1,1-Dichloroethene	7	<u>0.7</u>	<164	176
cis-1,2-Dichloroethene	70	<u>7</u>	2,180	5,970
Ethylbenzene	700	<u>140</u>	1,730	3,880
4-Methyl-2-pentanone (MIBK)	500	<u>50</u>	10,200	3,080
Methylene Chloride	5	<u>0.5</u>	1,520	514
2-Propanol (Isopropyl Alcohol)	3,000		163,000	16,100
Tetrachloroethene	5	<u>0.5</u>	<200	104
Toluene	800	<u>160</u>	38,200	47,500
Trichloroethene	5	<u>0.5</u>	1,620	<66.1
1,1,1-Trichloroethane	200	<u>40</u>	1,800	656
1,1,2-Trichloroethane	5	<u>0.5</u>	<79.0	89.6
1,2,4-Trimethylbenzene	480	<u>96</u>	<200	<u>227</u>
m&p-Xylene	2,000	<u>400</u>	5,630	11,800
o-Xylene			1,660	3,620
Vinyl chloride	0.2	<u>0.02</u>	<70.2	245
Total VOCs			313,593	139,588

NOTES:

All concentrations are in micrograms per liter ($\mu\text{g}/\ell$).

The NR 140 preventative action limits (PAL) and enforcement standards (ES) were published under s. 35.93, Wisconsin Statutes on February 2017.

Concentrations above an NR 140 PAL but less than the ES are underlined.

Concentrations above an NR 140 ES are in bold.

There is no NR 140 PAL or ES for 2-propanol (isopropyl alcohol). The WDNR has recommended using the health advisory limit of 3,000 ppb based on a 10^{-6} cancer risk taken from the following website: <http://dnr.wi.gov/topic/drinkingwater/documents/haltable.pdf>.

Some reported values fall below the Limit of Quantitation set by the lab.

APPENDIX A

**LABORATORY REPORTS FOR WATER SAMPLES COLLECTED FROM
RW-6, RW-7, RW-10, RW-11, AND WRR'S PRODUCTION WELL
(JANUARY – JULY 2017)**

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

Page 1 of 12

Customer: WRR Environmental Services Co Inc NLS Project: 273397

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 01/16/2017 17:05

Sample: 969097 Production Collected: 01/09/17 Analyzed: 01/12/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	10	2.4	8.4	
Bromobenzene	ND	ug/L	10	2.3	8.2	
Bromochloromethane	ND	ug/L	10	2.5	8.8	
Bromodichloromethane	ND	ug/L	10	2.7	9.4	
Bromoform	ND	ug/L	10	2.1	7.3	
Bromomethane	ND	ug/L	10	2.7	9.6	
n-Butylbenzene	ND	ug/L	10	2.1	7.3	
sec-Butylbenzene	ND	ug/L	10	1.9	6.6	
tert-Butylbenzene	ND	ug/L	10	1.9	6.8	
Carbon Tetrachloride	ND	ug/L	10	1.6	5.5	
Chlorobenzene	ND	ug/L	10	2.5	8.7	
Chloroethane	ND	ug/L	10	9.3	33	
Chloroform	ND	ug/L	10	2.2	7.8	
Chloromethane	ND	ug/L	10	2.2	7.8	
2-Chlorotoluene	ND	ug/L	10	2.5	9.0	
4-Chlorotoluene	ND	ug/L	10	2.1	7.3	
Dibromochloromethane	ND	ug/L	10	1.6	5.6	
1,2-Dibromo-3-Chloropropane	ND	ug/L	10	1.8	6.3	
1,2-Dibromoethane	ND	ug/L	10	2.3	8.1	
Dibromomethane	ND	ug/L	10	2.2	7.8	
1,2-Dichlorobenzene	ND	ug/L	10	2.1	7.3	
1,3-Dichlorobenzene	ND	ug/L	10	2.0	7.0	
1,4-Dichlorobenzene	ND	ug/L	10	2.7	9.5	
Dichlorodifluoromethane	ND	ug/L	10	1.7	5.8	
1,1-Dichloroethane	ND	ug/L	10	1.9	6.7	
1,2-Dichloroethane	ND	ug/L	10	2.2	7.8	
1,1-Dichloroethene	ND	ug/L	10	2.0	6.9	
cis-1,2-Dichloroethene	ND	ug/L	10	2.4	8.4	
trans-1,2-Dichloroethene	ND	ug/L	10	1.7	6.0	
1,2-Dichloropropane	ND	ug/L	10	2.8	9.8	
1,3-Dichloropropane	ND	ug/L	10	2.4	8.4	
2,2-Dichloropropane	ND	ug/L	10	1.8	6.4	
1,1-Dichloropropene	ND	ug/L	10	2.0	7.0	
cis-1,3-Dichloropropene	ND	ug/L	10	2.6	9.1	
trans-1,3-Dichloropropene	ND	ug/L	10	1.9	6.9	
Ethylbenzene	7.2	ug/L	10	1.9	6.9	
Hexachlorobutadiene	ND	ug/L	10	3.0	11	
Isopropylbenzene	ND	ug/L	10	1.9	6.5	
p-Isopropyltoluene	ND	ug/L	10	1.8	6.2	
Methylene chloride	ND	ug/L	10	2.4	8.4	
Naphthalene	ND	ug/L	10	4.3	15	
n-Propylbenzene	ND	ug/L	10	2.1	7.4	
ortho-Xylene	[5.9]	ug/L	10	1.9	6.6	J
Styrene	ND	ug/L	10	1.9	6.6	
1,1,1,2-Tetrachloroethane	ND	ug/L	10	2.0	7.0	
1,1,2,2-Tetrachloroethane	ND	ug/L	10	2.6	9.4	
Tetrachloroethene	ND	ug/L	10	2.2	7.8	
Toluene	110	ug/L	10	2.1	7.4	
1,2,3-Trichlorobenzene	ND	ug/L	10	3.7	13	
1,2,4-Trichlorobenzene	ND	ug/L	10	3.0	10	
1,1,1-Trichloroethane	ND	ug/L	10	2.0	6.9	
1,1,2-Trichloroethane	ND	ug/L	10	2.0	6.9	
Trichloroethene	ND	ug/L	10	3.2	11	

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

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Customer: WRR Environmental Services Co Inc NLS Project: 273397

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 01/16/2017 17:05

Sample: 969098 RW6 Collected: 01/09/17 Analyzed: 01/11/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	500	120	420	
Bromobenzene	ND	ug/L	500	120	410	
Bromochloromethane	ND	ug/L	500	120	440	
Bromodichloromethane	ND	ug/L	500	130	470	
Bromoform	ND	ug/L	500	100	360	
Bromomethane	ND	ug/L	500	130	480	
n-Butylbenzene	ND	ug/L	500	100	370	
sec-Butylbenzene	ND	ug/L	500	93	330	
tert-Butylbenzene	ND	ug/L	500	96	340	
Carbon Tetrachloride	ND	ug/L	500	78	270	
Chlorobenzene	ND	ug/L	500	120	430	
Chloroethane	ND	ug/L	500	460	1600	
Chloroform	ND	ug/L	500	110	390	
Chloromethane	ND	ug/L	500	110	390	
2-Chlorotoluene	ND	ug/L	500	130	450	
4-Chlorotoluene	ND	ug/L	500	100	360	
Dibromochloromethane	ND	ug/L	500	79	280	
1,2-Dibromo-3-Chloropropane	ND	ug/L	500	89	310	
1,2-Dibromoethane	ND	ug/L	500	110	410	
Dibromomethane	ND	ug/L	500	110	390	
1,2-Dichlorobenzene	ND	ug/L	500	100	360	
1,3-Dichlorobenzene	ND	ug/L	500	99	350	
1,4-Dichlorobenzene	ND	ug/L	500	130	480	
Dichlorodifluoromethane	ND	ug/L	500	83	290	
1,1-Dichloroethane	ND	ug/L	500	94	330	
1,2-Dichloroethane	ND	ug/L	500	110	390	
1,1-Dichloroethene	ND	ug/L	500	98	350	
cis-1,2-Dichloroethene	ND	ug/L	500	120	420	
trans-1,2-Dichloroethene	ND	ug/L	500	85	300	
1,2-Dichloropropane	ND	ug/L	500	140	490	
1,3-Dichloropropane	ND	ug/L	500	120	420	
2,2-Dichloropropane	ND	ug/L	500	91	320	
1,1-Dichloropropene	ND	ug/L	500	99	350	
cis-1,3-Dichloropropene	ND	ug/L	500	130	450	
trans-1,3-Dichloropropene	ND	ug/L	500	97	340	
Ethylbenzene	550	ug/L	500	97	340	
Hexachlorobutadiene	ND	ug/L	500	150	530	
Isopropylbenzene	ND	ug/L	500	93	330	
p-Isopropyltoluene	ND	ug/L	500	88	310	
Methylene chloride	ND	ug/L	500	120	420	
Naphthalene	ND	ug/L	500	220	760	
n-Propylbenzene	ND	ug/L	500	110	370	
ortho-Xylene	330	ug/L	500	93	330	J
Styrene	ND	ug/L	500	93	330	
1,1,1,2-Tetrachloroethane	ND	ug/L	500	99	350	
1,1,2,2-Tetrachloroethane	ND	ug/L	500	130	470	
Tetrachloroethene	ND	ug/L	500	110	390	
Toluene	4200	ug/L	500	100	370	
1,2,3-Trichlorobenzene	ND	ug/L	500	190	660	
1,2,4-Trichlorobenzene	ND	ug/L	500	150	520	
1,1,1-Trichloroethane	ND	ug/L	500	98	350	
1,1,2-Trichloroethane	ND	ug/L	500	98	350	
Trichloroethene	ND	ug/L	500	160	570	

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

Customer: WRR Environmental Services Co Inc NLS Project: 273397

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 01/16/2017 17:05

Sample: 969098 RW6 Collected: 01/09/17 Analyzed: 01/11/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	500	100	350	
1,2,3-Trichloropropane	ND	ug/L	500	120	440	
1,2,4-Trimethylbenzene	ND	ug/L	500	100	370	
1,3,5-Trimethylbenzene	ND	ug/L	500	110	380	
Vinyl chloride	ND	ug/L	500	85	300	
meta,para-Xylene	1100	ug/L	500	190	660	
MTBE	ND	ug/L	500	100	360	
Acetone	ND	ug/L	500	2100	6200	
Methyl ethyl ketone	ND	ug/L	500	280	1000	
4-methyl-2-pentanone	ND	ug/L	500	270	950	
Isopropyl Ether	ND	ug/L	500	110	390	
Isopropyl Alcohol	ND	ug/L	500	2200	7800	
Dibromofluoromethane (SURR)	96%					S
Toluene-d8 (SURR)	108%					S
1-Bromo-4-Fluorobenzene (SURR)	97%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

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Customer: WRR Environmental Services Co Inc NLS Project: 273397

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 01/16/2017 17:05

Sample: 969099 RW7 Collected: 01/09/17 Analyzed: 01/11/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	[9.8]	ug/L	12.5	3.0	11	J
Bromobenzene	ND	ug/L	12.5	2.9	10	
Bromochloromethane	ND	ug/L	12.5	3.1	11	
Bromodichloromethane	ND	ug/L	12.5	3.3	12	
Bromoform	ND	ug/L	12.5	2.6	9.1	
Bromomethane	ND	ug/L	12.5	3.4	12	
n-Butylbenzene	ND	ug/L	12.5	2.6	9.1	
sec-Butylbenzene	ND	ug/L	12.5	2.3	8.2	
tert-Butylbenzene	ND	ug/L	12.5	2.4	8.5	
Carbon Tetrachloride	ND	ug/L	12.5	1.9	6.9	
Chlorobenzene	ND	ug/L	12.5	3.1	11	
Chloroethane	59	ug/L	12.5	12	41	
Chloroform	ND	ug/L	12.5	2.8	9.8	
Chloromethane	ND	ug/L	12.5	2.8	9.7	
2-Chlorotoluene	ND	ug/L	12.5	3.2	11	
4-Chlorotoluene	ND	ug/L	12.5	2.6	9.1	
Dibromochloromethane	ND	ug/L	12.5	2.0	7.0	
1,2-Dibromo-3-Chloropropane	ND	ug/L	12.5	2.2	7.8	
1,2-Dibromoethane	ND	ug/L	12.5	2.9	10	
Dibromomethane	ND	ug/L	12.5	2.8	9.8	
1,2-Dichlorobenzene	ND	ug/L	12.5	2.6	9.1	
1,3-Dichlorobenzene	ND	ug/L	12.5	2.5	8.7	
1,4-Dichlorobenzene	ND	ug/L	12.5	3.4	12	
Dichlorodifluoromethane	[3.7]	ug/L	12.5	2.1	7.3	J
1,1-Dichloroethane	39	ug/L	12.5	2.4	8.3	
1,2-Dichloroethane	ND	ug/L	12.5	2.7	9.7	
1,1-Dichloroethene	ND	ug/L	12.5	2.4	8.6	
cis-1,2-Dichloroethene	[8.9]	ug/L	12.5	3.0	10	J
trans-1,2-Dichloroethene	ND	ug/L	12.5	2.1	7.5	
1,2-Dichloropropane	ND	ug/L	12.5	3.5	12	
1,3-Dichloropropane	ND	ug/L	12.5	3.0	11	
2,2-Dichloropropane	ND	ug/L	12.5	2.3	8.0	
1,1-Dichloropropene	ND	ug/L	12.5	2.5	8.7	
cis-1,3-Dichloropropene	ND	ug/L	12.5	3.2	11	
trans-1,3-Dichloropropene	ND	ug/L	12.5	2.4	8.6	
Ethylbenzene	150	ug/L	12.5	2.4	8.6	
Hexachlorobutadiene	ND	ug/L	12.5	3.8	13	
Isopropylbenzene	ND	ug/L	12.5	2.3	8.2	
p-Isopropyltoluene	ND	ug/L	12.5	2.2	7.8	
Methylene chloride	ND	ug/L	12.5	3.0	10	
Naphthalene	ND	ug/L	12.5	5.4	19	
n-Propylbenzene	ND	ug/L	12.5	2.6	9.3	
ortho-Xylene	80	ug/L	12.5	2.3	8.2	
Styrene	ND	ug/L	12.5	2.3	8.2	
1,1,1,2-Tetrachloroethane	ND	ug/L	12.5	2.5	8.8	
1,1,1,2,2-Tetrachloroethane	ND	ug/L	12.5	3.3	12	
Tetrachloroethene	ND	ug/L	12.5	2.8	9.8	
Toluene	49	ug/L	12.5	2.6	9.2	
1,2,3-Trichlorobenzene	ND	ug/L	12.5	4.7	17	
1,2,4-Trichlorobenzene	ND	ug/L	12.5	3.7	13	
1,1,1-Trichloroethane	ND	ug/L	12.5	2.4	8.7	
1,1,2-Trichloroethane	ND	ug/L	12.5	2.4	8.6	
Trichloroethene	ND	ug/L	12.5	4.0	14	

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

Customer: WRR Environmental Services Co Inc NLS Project: 273397

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 01/16/2017 17:05

Sample: 969099 RW7 Collected: 01/09/17 Analyzed: 01/11/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	12.5	2.5	8.8	
1,2,3-Trichloropropane	ND	ug/L	12.5	3.1	11	
1,2,4-Trimethylbenzene	[6.0]	ug/L	12.5	2.6	9.2	J
1,3,5-Trimethylbenzene	ND	ug/L	12.5	2.7	9.5	
Vinyl chloride	13	ug/L	12.5	2.1	7.5	
meta,para-Xylene	230	ug/L	12.5	4.6	16	
MTBE	ND	ug/L	12.5	2.6	9.1	
Acetone	ND	ug/L	12.5	52	160	
Methyl ethyl ketone	ND	ug/L	12.5	7.1	25	
4-methyl-2-pentanone	ND	ug/L	12.5	6.7	24	
Isopropyl Ether	[4.4]	ug/L	12.5	2.8	9.8	J
Isopropyl Alcohol	ND	ug/L	12.5	55	200	
Dibromofluoromethane (SURR)	104%					S
Toluene-d8 (SURR)	114%					S
1-Bromo-4-Fluorobenzene (SURR)	98%					S

NOTES APPLICABLE TO THIS ANALYSIS:

J = Result enclosed in brackets is between LOD and LOQ, a region of less certain quantitation.

S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

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Customer: WRR Environmental Services Co Inc NLS Project: 273397

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 01/16/2017 17:05

Sample: 969100 RW10 Collected: 01/09/17 Analyzed: 01/11/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	2000	480	1700	
Bromobenzene	ND	ug/L	2000	460	1600	
Bromochloromethane	ND	ug/L	2000	500	1800	
Bromodichloromethane	ND	ug/L	2000	530	1900	
Bromoform	ND	ug/L	2000	410	1500	
Bromomethane	ND	ug/L	2000	540	1900	
n-Butylbenzene	ND	ug/L	2000	410	1500	
sec-Butylbenzene	ND	ug/L	2000	370	1300	
tert-Butylbenzene	ND	ug/L	2000	380	1400	
Carbon Tetrachloride	ND	ug/L	2000	310	1100	
Chlorobenzene	ND	ug/L	2000	490	1700	
Chloroethane	ND	ug/L	2000	1900	6600	
Chloroform	ND	ug/L	2000	440	1600	
Chloromethane	ND	ug/L	2000	440	1600	
2-Chlorotoluene	ND	ug/L	2000	510	1800	
4-Chlorotoluene	ND	ug/L	2000	410	1500	
Dibromochloromethane	ND	ug/L	2000	320	1100	
1,2-Dibromo-3-Chloropropane	ND	ug/L	2000	350	1300	
1,2-Dibromoethane	ND	ug/L	2000	460	1600	
Dibromomethane	ND	ug/L	2000	440	1600	
1,2-Dichlorobenzene	ND	ug/L	2000	410	1500	
1,3-Dichlorobenzene	ND	ug/L	2000	390	1400	
1,4-Dichlorobenzene	ND	ug/L	2000	540	1900	
Dichlorodifluoromethane	ND	ug/L	2000	330	1200	
1,1-Dichloroethane	ND	ug/L	2000	380	1300	
1,2-Dichloroethane	ND	ug/L	2000	440	1600	
1,1-Dichloroethene	ND	ug/L	2000	390	1400	
cis-1,2-Dichloroethene	ND	ug/L	2000	470	1700	
trans-1,2-Dichloroethene	ND	ug/L	2000	340	1200	
1,2-Dichloropropane	ND	ug/L	2000	550	2000	
1,3-Dichloropropane	ND	ug/L	2000	470	1700	
2,2-Dichloropropane	ND	ug/L	2000	360	1300	
1,1-Dichloropropene	ND	ug/L	2000	390	1400	
cis-1,3-Dichloropropene	ND	ug/L	2000	510	1800	
trans-1,3-Dichloropropene	ND	ug/L	2000	390	1400	
Ethylbenzene	[820]	ug/L	2000	390	1400	J
Hexachlorobutadiene	ND	ug/L	2000	600	2100	
Isopropylbenzene	ND	ug/L	2000	370	1300	
p-Isopropyltoluene	ND	ug/L	2000	350	1200	
Methylene chloride	[610]	ug/L	2000	470	1700	J
Naphthalene	ND	ug/L	2000	860	3000	
n-Propylbenzene	ND	ug/L	2000	420	1500	
ortho-Xylene	[630]	ug/L	2000	370	1300	J
Styrene	ND	ug/L	2000	370	1300	
1,1,1,2-Tetrachloroethane	ND	ug/L	2000	400	1400	
1,1,2,2-Tetrachloroethane	ND	ug/L	2000	530	1900	
Tetrachloroethene	ND	ug/L	2000	440	1600	
Toluene	14000	ug/L	2000	420	1500	
1,2,3-Trichlorobenzene	ND	ug/L	2000	750	2600	
1,2,4-Trichlorobenzene	ND	ug/L	2000	590	2100	
1,1,1-Trichloroethane	[1200]	ug/L	2000	390	1400	J CC
1,1,2-Trichloroethane	ND	ug/L	2000	390	1400	
Trichloroethene	[690]	ug/L	2000	650	2300	J

Customer: WRR Environmental Services Co Inc NLS Project: 273397

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 01/16/2017 17:05

Sample: 969100 RW10 Collected: 01/09/17 Analyzed: 01/11/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	2000	400	1400	
1,2,3-Trichloropropane	ND	ug/L	2000	490	1700	
1,2,4-Trimethylbenzene	ND	ug/L	2000	420	1500	
1,3,5-Trimethylbenzene	ND	ug/L	2000	430	1500	
Vinyl chloride	ND	ug/L	2000	340	1200	
meta,para-Xylene	[2400]	ug/L	2000	740	2600	J
MTBE	ND	ug/L	2000	410	1500	
Acetone	49000	ug/L	2000	8300	25000	
Methyl ethyl ketone	33000	ug/L	2000	1100	4000	
4-methyl-2-pentanone	[1500]	ug/L	2000	1100	3800	J
Isopropyl Ether	ND	ug/L	2000	440	1600	
Isopropyl Alcohol	[13000]	ug/L	2000	8900	31000	J
Dibromofluoromethane (SURR)	106%					S
Toluene-d8 (SURR)	104%					S
1-Bromo-4-Fluorobenzene (SURR)	98%					S

NOTES APPLICABLE TO THIS ANALYSIS:

J = Result enclosed in brackets is between LOD and LOQ, a region of less certain quantitation.

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.

1,1,1-Trichloroethane recovery 129%

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

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Customer: WRR Environmental Services Co Inc NLS Project: 273397

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 01/16/2017 17:05

Sample: 969101 RW11 Collected: 01/09/17 Analyzed: 01/11/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1000	240	840	
Bromobenzene	ND	ug/L	1000	230	820	
Bromochloromethane	ND	ug/L	1000	250	880	
Bromodichloromethane	ND	ug/L	1000	270	940	
Bromoform	ND	ug/L	1000	210	730	
Bromomethane	ND	ug/L	1000	270	960	
n-Butylbenzene	ND	ug/L	1000	210	730	
sec-Butylbenzene	ND	ug/L	1000	190	660	
tert-Butylbenzene	ND	ug/L	1000	190	680	
Carbon Tetrachloride	ND	ug/L	1000	160	550	
Chlorobenzene	ND	ug/L	1000	250	870	
Chloroethane	ND	ug/L	1000	930	3300	
Chloroform	ND	ug/L	1000	220	780	
Chloromethane	ND	ug/L	1000	220	780	
2-Chlorotoluene	ND	ug/L	1000	250	900	
4-Chlorotoluene	ND	ug/L	1000	210	730	
Dibromochloromethane	ND	ug/L	1000	160	560	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1000	180	630	
1,2-Dibromoethane	ND	ug/L	1000	230	810	
Dibromomethane	ND	ug/L	1000	220	780	
1,2-Dichlorobenzene	ND	ug/L	1000	210	730	
1,3-Dichlorobenzene	ND	ug/L	1000	200	700	
1,4-Dichlorobenzene	ND	ug/L	1000	270	950	
Dichlorodifluoromethane	ND	ug/L	1000	170	580	
1,1-Dichloroethane	[250]	ug/L	1000	190	670	J
1,2-Dichloroethane	ND	ug/L	1000	220	780	
1,1-Dichloroethene	ND	ug/L	1000	200	690	
cis-1,2-Dichloroethene	1400	ug/L	1000	240	840	
trans-1,2-Dichloroethene	ND	ug/L	1000	170	600	
1,2-Dichloropropane	ND	ug/L	1000	280	980	
1,3-Dichloropropane	ND	ug/L	1000	240	840	
2,2-Dichloropropane	ND	ug/L	1000	180	640	
1,1-Dichloropropene	ND	ug/L	1000	200	700	
cis-1,3-Dichloropropene	ND	ug/L	1000	260	910	
trans-1,3-Dichloropropene	ND	ug/L	1000	190	690	
Ethylbenzene	[580]	ug/L	1000	190	690	J
Hexachlorobutadiene	ND	ug/L	1000	300	1100	
Isopropylbenzene	ND	ug/L	1000	190	650	
p-Isopropyltoluene	ND	ug/L	1000	180	620	
Methylene chloride	ND	ug/L	1000	240	840	
Naphthalene	ND	ug/L	1000	430	1500	
n-Propylbenzene	ND	ug/L	1000	210	740	
ortho-Xylene	1100	ug/L	1000	190	660	
Styrene	ND	ug/L	1000	190	660	
1,1,1,2-Tetrachloroethane	ND	ug/L	1000	200	700	
1,1,2,2-Tetrachloroethane	ND	ug/L	1000	260	940	
Tetrachloroethene	ND	ug/L	1000	220	780	
Toluene	7800	ug/L	1000	210	740	
1,2,3-Trichlorobenzene	ND	ug/L	1000	370	1300	
1,2,4-Trichlorobenzene	ND	ug/L	1000	300	1000	
1,1,1-Trichloroethane	770	ug/L	1000	200	690	CC
1,1,2-Trichloroethane	ND	ug/L	1000	200	690	
Trichloroethene	ND	ug/L	1000	320	1100	

Customer: WRR Environmental Services Co Inc NLS Project: 273397

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 01/16/2017 17:05

Sample: 969101 RW11 Collected: 01/09/17 Analyzed: 01/11/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1000	200	710	
1,2,3-Trichloropropane	ND	ug/L	1000	250	870	
1,2,4-Trimethylbenzene	ND	ug/L	1000	210	740	
1,3,5-Trimethylbenzene	ND	ug/L	1000	210	760	
Vinyl chloride	ND	ug/L	1000	170	600	
meta,para-Xylene	3200	ug/L	1000	370	1300	
MTBE	ND	ug/L	1000	210	730	
Acetone	ND	ug/L	1000	4200	12000	
Methyl ethyl ketone	ND	ug/L	1000	570	2000	
4-methyl-2-pentanone	ND	ug/L	1000	540	1900	
Isopropyl Ether	ND	ug/L	1000	220	780	
Isopropyl Alcohol	ND	ug/L	1000	4400	16000	
Dibromofluoromethane (SURR)	103%					S
Toluene-d8 (SURR)	102%					S
1-Bromo-4-Fluorobenzene (SURR)	96%					S

NOTES APPLICABLE TO THIS ANALYSIS:

J = Result enclosed in brackets is between LOD and LOQ, a region of less certain quantitation.

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.

1,1,1-Trichloroethane recovery 129%

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

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Customer: WRR Environmental Services Co Inc NLS Project: 273397

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 01/16/2017 17:05

Sample: 969102 Trip Blank Collected: 01/09/17 Analyzed: 01/11/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.24	0.84	
Bromobenzene	ND	ug/L	1	0.23	0.82	
Bromochloromethane	ND	ug/L	1	0.25	0.88	
Bromodichloromethane	ND	ug/L	1	0.27	0.94	
Bromoform	ND	ug/L	1	0.21	0.73	
Bromomethane	ND	ug/L	1	0.27	0.96	
n-Butylbenzene	ND	ug/L	1	0.21	0.73	
sec-Butylbenzene	ND	ug/L	1	0.19	0.66	
tert-Butylbenzene	ND	ug/L	1	0.19	0.68	
Carbon Tetrachloride	ND	ug/L	1	0.16	0.55	
Chlorobenzene	ND	ug/L	1	0.25	0.87	
Chloroethane	ND	ug/L	1	0.93	3.3	
Chloroform	ND	ug/L	1	0.22	0.78	
Chloromethane	ND	ug/L	1	0.22	0.78	
2-Chlorotoluene	ND	ug/L	1	0.25	0.90	
4-Chlorotoluene	ND	ug/L	1	0.21	0.73	
Dibromochloromethane	ND	ug/L	1	0.16	0.56	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.18	0.63	
1,2-Dibromoethane	ND	ug/L	1	0.23	0.81	
Dibromomethane	ND	ug/L	1	0.22	0.78	
1,2-Dichlorobenzene	ND	ug/L	1	0.21	0.73	
1,3-Dichlorobenzene	ND	ug/L	1	0.20	0.70	
1,4-Dichlorobenzene	ND	ug/L	1	0.27	0.95	
Dichlorodifluoromethane	[0.50]	ug/L	1	0.17	0.58	J
1,1-Dichloroethane	ND	ug/L	1	0.19	0.67	
1,2-Dichloroethane	ND	ug/L	1	0.22	0.78	
1,1-Dichloroethene	ND	ug/L	1	0.20	0.69	
cis-1,2-Dichloroethene	ND	ug/L	1	0.24	0.84	
trans-1,2-Dichloroethene	ND	ug/L	1	0.17	0.60	
1,2-Dichloropropane	ND	ug/L	1	0.28	0.98	
1,3-Dichloropropane	ND	ug/L	1	0.24	0.84	
2,2-Dichloropropane	ND	ug/L	1	0.18	0.64	
1,1-Dichloropropene	ND	ug/L	1	0.20	0.70	
cis-1,3-Dichloropropene	ND	ug/L	1	0.26	0.91	
trans-1,3-Dichloropropene	ND	ug/L	1	0.19	0.69	
Ethylbenzene	ND	ug/L	1	0.19	0.69	
Hexachlorobutadiene	ND	ug/L	1	0.30	1.1	
Isopropylbenzene	ND	ug/L	1	0.19	0.65	
p-Isopropyltoluene	ND	ug/L	1	0.18	0.62	
Methylene chloride	1.0	ug/L	1	0.24	0.84	
Naphthalene	ND	ug/L	1	0.43	1.5	
n-Propylbenzene	ND	ug/L	1	0.21	0.74	
ortho-Xylene	ND	ug/L	1	0.19	0.66	
Styrene	ND	ug/L	1	0.19	0.66	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.20	0.70	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.26	0.94	
Tetrachloroethene	ND	ug/L	1	0.22	0.78	
Toluene	ND	ug/L	1	0.21	0.74	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.37	1.3	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.30	1.0	
1,1,1-Trichloroethane	ND	ug/L	1	0.20	0.69	
1,1,2-Trichloroethane	ND	ug/L	1	0.20	0.69	
Trichloroethene	ND	ug/L	1	0.32	1.1	

Customer: WRR Environmental Services Co Inc NLS Project: 273397

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 01/16/2017 17:05

Sample: 969102 Trip Blank Collected: 01/09/17 Analyzed: 01/11/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.20	0.71	
1,2,3-Trichloropropane	ND	ug/L	1	0.25	0.87	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.21	0.74	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.21	0.76	
Vinyl chloride	ND	ug/L	1	0.17	0.60	
meta,para-Xylene	ND	ug/L	1	0.37	1.3	
MTBE	ND	ug/L	1	0.21	0.73	
Acetone	ND	ug/L	1	4.2	12	
Methyl ethyl ketone	ND	ug/L	1	0.57	2.0	
4-methyl-2-pentanone	ND	ug/L	1	0.54	1.9	
Isopropyl Ether	ND	ug/L	1	0.22	0.78	
Isopropyl Alcohol	ND	ug/L	1	4.4	16	
Dibromofluoromethane (SURR)	99%					S
Toluene-d8 (SURR)	104%					S
1-Bromo-4-Fluorobenzene (SURR)	96%					S

NOTES APPLICABLE TO THIS ANALYSIS:

J = Result enclosed in brackets is between LOD and LOQ, a region of less certain quantitation.

S = This compound is a surrogate used to evaluate the quality control of a method.

Trip Blank is dated 10-5-2016.

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat3)

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Customer: WRR Environmental Services Co Inc NLS Project: 274595

Project Description: Wastewater

Project Title: Template: SAT3WRRL Printed: 02/21/2017 17:04

Sample: 972726 Production Collected: 02/07/17 Analyzed: 02/13/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	10	1.9	6.9	
Bromobenzene	ND	ug/L	10	2.5	8.7	
Bromochloromethane	ND	ug/L	10	1.5	5.4	
Bromodichloromethane	ND	ug/L	10	1.9	6.8	
Bromoform	ND	ug/L	10	1.6	5.6	
Bromomethane	ND	ug/L	10	2.2	7.9	
n-Butylbenzene	ND	ug/L	10	1.9	6.7	
sec-Butylbenzene	ND	ug/L	10	2.0	7.1	
tert-Butylbenzene	ND	ug/L	10	2.0	7.1	
Carbon Tetrachloride	ND	ug/L	10	1.9	6.6	
Chlorobenzene	ND	ug/L	10	1.6	5.6	
Chloroethane	ND	ug/L	10	15	54	
Chloroform	ND	ug/L	10	1.7	6.0	
Chloromethane	ND	ug/L	10	1.9	6.8	
2-Chlorotoluene	ND	ug/L	10	2.1	7.5	
4-Chlorotoluene	ND	ug/L	10	1.9	6.8	
Dibromochloromethane	ND	ug/L	10	1.7	6.1	
1,2-Dibromo-3-Chloropropane	ND	ug/L	10	2.1	7.3	
1,2-Dibromoethane	ND	ug/L	10	1.2	4.3	
Dibromomethane	ND	ug/L	10	2.1	7.3	
1,2-Dichlorobenzene	ND	ug/L	10	2.2	7.6	
1,3-Dichlorobenzene	ND	ug/L	10	2.0	7.2	
1,4-Dichlorobenzene	ND	ug/L	10	2.1	7.6	
Dichlorodifluoromethane	ND	ug/L	10	1.4	4.9	
1,1-Dichloroethane	ND	ug/L	10	1.8	6.4	
1,2-Dichloroethane	ND	ug/L	10	1.9	6.9	
1,1-Dichloroethene	ND	ug/L	10	1.6	5.7	
cis-1,2-Dichloroethene	ND	ug/L	10	1.8	6.2	
trans-1,2-Dichloroethene	ND	ug/L	10	1.5	5.1	
1,2-Dichloropropane	ND	ug/L	10	2.4	8.4	
1,3-Dichloropropane	ND	ug/L	10	1.8	6.3	
2,2-Dichloropropane	ND	ug/L	10	1.2	4.1	
1,1-Dichloropropene	ND	ug/L	10	1.5	5.4	
cis-1,3-Dichloropropene	ND	ug/L	10	1.9	6.8	
trans-1,3-Dichloropropene	ND	ug/L	10	1.4	5.1	
Ethylbenzene	ND	ug/L	10	3.0	11	
Hexachlorobutadiene	ND	ug/L	10	2.0	6.9	
Isopropylbenzene	ND	ug/L	10	1.7	6.0	
p-Isopropyltoluene	ND	ug/L	10	1.9	6.8	
Methylene chloride	ND	ug/L	10	2.0	7.0	
Naphthalene	ND	ug/L	10	2.9	10	
n-Propylbenzene	ND	ug/L	10	2.0	7.1	
ortho-Xylene	[5.1]	ug/L	10	1.6	5.6	J
Styrene	ND	ug/L	10	1.6	5.6	
1,1,1,2-Tetrachloroethane	ND	ug/L	10	1.9	6.6	
1,1,2,2-Tetrachloroethane	ND	ug/L	10	1.9	6.8	
Tetrachloroethene	ND	ug/L	10	1.7	5.8	
Toluene	120	ug/L	10	1.9	6.8	
1,2,3-Trichlorobenzene	ND	ug/L	10	2.0	7.0	
1,2,4-Trichlorobenzene	ND	ug/L	10	1.8	6.3	
1,1,1-Trichloroethane	ND	ug/L	10	1.7	6.1	
1,1,2-Trichloroethane	ND	ug/L	10	1.7	5.9	
Trichloroethene	ND	ug/L	10	2.4	8.4	

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat3)

Customer: WRR Environmental Services Co Inc NLS Project: 274595

Project Description: Wastewater

Project Title: Template: SAT3WRRL Printed: 02/21/2017 17:04

Sample: 972726 Production Collected: 02/07/17 Analyzed: 02/13/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	10	1.7	6.0	
1,2,3-Trichloropropane	ND	ug/L	10	2.9	10	
1,2,4-Trimethylbenzene	ND	ug/L	10	1.8	6.5	
1,3,5-Trimethylbenzene	ND	ug/L	10	2.0	7.1	
Vinyl chloride	ND	ug/L	10	1.6	5.7	
meta,para-Xylene	17	ug/L	10	3.2	11	
MTBE	ND	ug/L	10	2.2	7.6	
Acetone	250	ug/L	10	42	120	
Methyl ethyl ketone	26	ug/L	10	5.0	18	
4-methyl-2-pentanone	[11]	ug/L	10	4.0	14	J
Isopropyl Ether	ND	ug/L	10	1.9	6.6	
Isopropyl Alcohol	[120]	ug/L	10	50	180	J
Dibromofluoromethane (SURR)	117%					S
Toluene-d8 (SURR)	107%					S
1-Bromo-4-Fluorobenzene (SURR)	107%					S

NOTES APPLICABLE TO THIS ANALYSIS:

J = Result enclosed in brackets is between LOD and LOQ, a region of less certain quantitation.

S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat3)

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Customer: WRR Environmental Services Co Inc NLS Project: 274595

Project Description: Wastewater

Project Title: Template: SAT3WRRL Printed: 02/21/2017 17:04

Sample: 972727 RW6 Collected: 02/07/17 Analyzed: 02/13/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	400	78	280	
Bromobenzene	ND	ug/L	400	98	350	
Bromochloromethane	ND	ug/L	400	60	210	
Bromodichloromethane	ND	ug/L	400	77	270	
Bromoform	ND	ug/L	400	63	220	
Bromomethane	ND	ug/L	400	89	320	
n-Butylbenzene	ND	ug/L	400	75	270	
sec-Butylbenzene	ND	ug/L	400	80	280	
tert-Butylbenzene	ND	ug/L	400	80	280	
Carbon Tetrachloride	ND	ug/L	400	75	270	
Chlorobenzene	ND	ug/L	400	63	220	
Chloroethane	ND	ug/L	400	610	2200	
Chloroform	ND	ug/L	400	67	240	
Chloromethane	ND	ug/L	400	77	270	
2-Chlorotoluene	ND	ug/L	400	85	300	
4-Chlorotoluene	ND	ug/L	400	76	270	
Dibromochloromethane	ND	ug/L	400	69	240	
1,2-Dibromo-3-Chloropropane	ND	ug/L	400	82	290	
1,2-Dibromoethane	ND	ug/L	400	48	170	
Dibromomethane	ND	ug/L	400	82	290	
1,2-Dichlorobenzene	ND	ug/L	400	86	310	
1,3-Dichlorobenzene	ND	ug/L	400	81	290	
1,4-Dichlorobenzene	ND	ug/L	400	86	300	
Dichlorodifluoromethane	ND	ug/L	400	55	200	
1,1-Dichloroethane	ND	ug/L	400	72	250	
1,2-Dichloroethane	ND	ug/L	400	78	280	
1,1-Dichloroethene	ND	ug/L	400	64	230	
cis-1,2-Dichloroethene	ND	ug/L	400	70	250	
trans-1,2-Dichloroethene	ND	ug/L	400	58	210	
1,2-Dichloropropane	ND	ug/L	400	95	340	
1,3-Dichloropropane	ND	ug/L	400	71	250	
2,2-Dichloropropane	ND	ug/L	400	46	160	
1,1-Dichloropropene	ND	ug/L	400	61	220	
cis-1,3-Dichloropropene	ND	ug/L	400	77	270	
trans-1,3-Dichloropropene	ND	ug/L	400	58	200	
Ethylbenzene	760	ug/L	400	120	430	
Hexachlorobutadiene	ND	ug/L	400	78	280	
Isopropylbenzene	ND	ug/L	400	68	240	
p-Isopropyltoluene	ND	ug/L	400	77	270	
Methylene chloride	ND	ug/L	400	79	280	
Naphthalene	ND	ug/L	400	120	420	
n-Propylbenzene	ND	ug/L	400	80	280	
ortho-Xylene	440	ug/L	400	63	220	
Styrene	ND	ug/L	400	64	230	
1,1,1,2-Tetrachloroethane	ND	ug/L	400	75	260	
1,1,2,2-Tetrachloroethane	ND	ug/L	400	77	270	
Tetrachloroethene	ND	ug/L	400	66	230	
Toluene	4800	ug/L	400	76	270	
1,2,3-Trichlorobenzene	ND	ug/L	400	79	280	
1,2,4-Trichlorobenzene	ND	ug/L	400	71	250	
1,1,1-Trichloroethane	ND	ug/L	400	69	240	
1,1,2-Trichloroethane	ND	ug/L	400	67	240	
Trichloroethene	ND	ug/L	400	94	330	

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat3)

Customer: WRR Environmental Services Co Inc NLS Project: 274595

Project Description: Wastewater

Project Title: Template: SAT3WRRL Printed: 02/21/2017 17:04

Sample: 972727 RW6 Collected: 02/07/17 Analyzed: 02/13/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	400	68	240	
1,2,3-Trichloropropane	ND	ug/L	400	120	410	
1,2,4-Trimethylbenzene	ND	ug/L	400	74	260	
1,3,5-Trimethylbenzene	ND	ug/L	400	80	280	
Vinyl chloride	ND	ug/L	400	64	230	
meta,para-Xylene	1500	ug/L	400	130	450	
MTBE	ND	ug/L	400	86	300	
Acetone	ND	ug/L	400	1700	5000	
Methyl ethyl ketone	ND	ug/L	400	200	710	
4-methyl-2-pentanone	ND	ug/L	400	160	560	
Isopropyl Ether	ND	ug/L	400	75	270	
Isopropyl Alcohol	ND	ug/L	400	2000	7000	
Dibromofluoromethane (SURR)	118%					S
Toluene-d8 (SURR)	108%					S
1-Bromo-4-Fluorobenzene (SURR)	107%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat3)

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Customer: WRR Environmental Services Co Inc NLS Project: 274595

Project Description: Wastewater

Project Title: Template: SAT3WRRL Printed: 02/21/2017 17:04

Sample: 972728 RW7 Collected: 02/07/17 Analyzed: 02/13/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	11	ug/L	12.5	2.4	8.6	
Bromobenzene	ND	ug/L	12.5	3.1	11	
Bromochloromethane	ND	ug/L	12.5	1.9	6.7	
Bromodichloromethane	ND	ug/L	12.5	2.4	8.5	
Bromoform	ND	ug/L	12.5	2.0	7.0	
Bromomethane	ND	ug/L	12.5	2.8	9.9	
n-Butylbenzene	ND	ug/L	12.5	2.4	8.4	
sec-Butylbenzene	ND	ug/L	12.5	2.5	8.8	
tert-Butylbenzene	ND	ug/L	12.5	2.5	8.9	
Carbon Tetrachloride	ND	ug/L	12.5	2.3	8.3	
Chlorobenzene	ND	ug/L	12.5	2.0	7.0	
Chloroethane	68	ug/L	12.5	19	68	J
Chloroform	ND	ug/L	12.5	2.1	7.4	
Chloromethane	ND	ug/L	12.5	2.4	8.6	
2-Chlorotoluene	ND	ug/L	12.5	2.7	9.4	
4-Chlorotoluene	ND	ug/L	12.5	2.4	8.5	
Dibromochloromethane	ND	ug/L	12.5	2.2	7.6	
1,2-Dibromo-3-Chloropropane	ND	ug/L	12.5	2.6	9.1	
1,2-Dibromoethane	ND	ug/L	12.5	1.5	5.4	
Dibromomethane	ND	ug/L	12.5	2.6	9.1	
1,2-Dichlorobenzene	ND	ug/L	12.5	2.7	9.6	
1,3-Dichlorobenzene	ND	ug/L	12.5	2.5	9.0	
1,4-Dichlorobenzene	ND	ug/L	12.5	2.7	9.5	
Dichlorodifluoromethane	ND	ug/L	12.5	1.7	6.1	
1,1-Dichloroethane	47	ug/L	12.5	2.3	8.0	
1,2-Dichloroethane	ND	ug/L	12.5	2.4	8.6	
1,1-Dichloroethene	ND	ug/L	12.5	2.0	7.2	
cis-1,2-Dichloroethene	10	ug/L	12.5	2.2	7.8	
trans-1,2-Dichloroethene	[2.5]	ug/L	12.5	1.8	6.4	J
1,2-Dichloropropane	ND	ug/L	12.5	3.0	11	
1,3-Dichloropropane	ND	ug/L	12.5	2.2	7.9	
2,2-Dichloropropane	ND	ug/L	12.5	1.4	5.1	
1,1-Dichloropropene	ND	ug/L	12.5	1.9	6.7	
cis-1,3-Dichloropropene	ND	ug/L	12.5	2.4	8.6	
trans-1,3-Dichloropropene	ND	ug/L	12.5	1.8	6.4	
Ethylbenzene	180	ug/L	12.5	3.8	13	
Hexachlorobutadiene	ND	ug/L	12.5	2.4	8.6	
Isopropylbenzene	ND	ug/L	12.5	2.1	7.6	
p-Isopropyltoluene	ND	ug/L	12.5	2.4	8.6	
Methylene chloride	ND	ug/L	12.5	2.5	8.8	
Naphthalene	ND	ug/L	12.5	3.7	13	
n-Propylbenzene	ND	ug/L	12.5	2.5	8.8	
ortho-Xylene	94	ug/L	12.5	2.0	7.0	
Styrene	ND	ug/L	12.5	2.0	7.0	
1,1,1,2-Tetrachloroethane	ND	ug/L	12.5	2.3	8.3	
1,1,2,2-Tetrachloroethane	ND	ug/L	12.5	2.4	8.6	
Tetrachloroethene	ND	ug/L	12.5	2.1	7.3	
Toluene	58	ug/L	12.5	2.4	8.5	
1,2,3-Trichlorobenzene	ND	ug/L	12.5	2.5	8.7	
1,2,4-Trichlorobenzene	ND	ug/L	12.5	2.2	7.9	
1,1,1-Trichloroethane	ND	ug/L	12.5	2.2	7.6	
1,1,2-Trichloroethane	ND	ug/L	12.5	2.1	7.4	
Trichloroethene	ND	ug/L	12.5	3.0	10	

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat3)

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Customer: WRR Environmental Services Co Inc NLS Project: 274595

Project Description: Wastewater

Project Title: Template: SAT3WRRL Printed: 02/21/2017 17:04

Sample: 972729 RW10 Collected: 02/07/17 Analyzed: 02/13/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1250	240	860	
Bromobenzene	ND	ug/L	1250	310	1100	
Bromochloromethane	ND	ug/L	1250	190	670	
Bromodichloromethane	ND	ug/L	1250	240	850	
Bromoform	ND	ug/L	1250	200	700	
Bromomethane	ND	ug/L	1250	280	990	
n-Butylbenzene	ND	ug/L	1250	240	840	
sec-Butylbenzene	ND	ug/L	1250	250	880	
tert-Butylbenzene	ND	ug/L	1250	250	890	
Carbon Tetrachloride	ND	ug/L	1250	230	830	
Chlorobenzene	ND	ug/L	1250	200	700	
Chloroethane	ND	ug/L	1250	1900	6800	
Chloroform	ND	ug/L	1250	210	740	
Chloromethane	ND	ug/L	1250	240	860	
2-Chlorotoluene	ND	ug/L	1250	270	940	
4-Chlorotoluene	ND	ug/L	1250	240	850	
Dibromochloromethane	ND	ug/L	1250	220	760	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1250	260	910	
1,2-Dibromoethane	ND	ug/L	1250	150	540	
Dibromomethane	ND	ug/L	1250	260	910	
1,2-Dichlorobenzene	ND	ug/L	1250	270	960	
1,3-Dichlorobenzene	ND	ug/L	1250	250	900	
1,4-Dichlorobenzene	ND	ug/L	1250	270	950	
Dichlorodifluoromethane	ND	ug/L	1250	170	610	
1,1-Dichloroethane	ND	ug/L	1250	230	800	
1,2-Dichloroethane	ND	ug/L	1250	240	860	
1,1-Dichloroethene	ND	ug/L	1250	200	720	
cis-1,2-Dichloroethene	[300]	ug/L	1250	220	780	J
trans-1,2-Dichloroethene	ND	ug/L	1250	180	640	
1,2-Dichloropropane	ND	ug/L	1250	300	1100	
1,3-Dichloropropane	ND	ug/L	1250	220	790	
2,2-Dichloropropane	ND	ug/L	1250	140	510	
1,1-Dichloropropene	ND	ug/L	1250	190	670	
cis-1,3-Dichloropropene	ND	ug/L	1250	240	860	
trans-1,3-Dichloropropene	ND	ug/L	1250	180	640	
Ethylbenzene	[660]	ug/L	1250	380	1300	J
Hexachlorobutadiene	ND	ug/L	1250	240	860	
Isopropylbenzene	ND	ug/L	1250	210	760	
p-Isopropyltoluene	ND	ug/L	1250	240	860	
Methylene chloride	[400]	ug/L	1250	250	880	J
Naphthalene	ND	ug/L	1250	370	1300	
n-Propylbenzene	ND	ug/L	1250	250	880	
ortho-Xylene	[590]	ug/L	1250	200	700	J
Styrene	ND	ug/L	1250	200	700	
1,1,1,2-Tetrachloroethane	ND	ug/L	1250	230	830	
1,1,2,2-Tetrachloroethane	ND	ug/L	1250	240	860	
Tetrachloroethene	ND	ug/L	1250	210	730	
Toluene	15000	ug/L	1250	240	850	
1,2,3-Trichlorobenzene	ND	ug/L	1250	250	870	
1,2,4-Trichlorobenzene	ND	ug/L	1250	220	790	
1,1,1-Trichloroethane	1100	ug/L	1250	220	760	
1,1,2-Trichloroethane	ND	ug/L	1250	210	740	
Trichloroethene	[730]	ug/L	1250	300	1000	J

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat3)

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Customer: WRR Environmental Services Co Inc NLS Project: 274595

Project Description: Wastewater

Project Title: Template: SAT3WRRL Printed: 02/21/2017 17:04

Sample: 972730 RW11 Collected: 02/07/17 Analyzed: 02/13/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	800	160	550	
Bromobenzene	ND	ug/L	800	200	690	
Bromochloromethane	ND	ug/L	800	120	430	
Bromodichloromethane	ND	ug/L	800	150	550	
Bromoform	ND	ug/L	800	130	450	
Bromomethane	ND	ug/L	800	180	630	
n-Butylbenzene	ND	ug/L	800	150	530	
sec-Butylbenzene	ND	ug/L	800	160	570	
tert-Butylbenzene	ND	ug/L	800	160	570	
Carbon Tetrachloride	ND	ug/L	800	150	530	
Chlorobenzene	ND	ug/L	800	130	450	
Chloroethane	ND	ug/L	800	1200	4300	
Chloroform	ND	ug/L	800	130	480	
Chloromethane	ND	ug/L	800	150	550	
2-Chlorotoluene	ND	ug/L	800	170	600	
4-Chlorotoluene	ND	ug/L	800	150	540	
Dibromochloromethane	ND	ug/L	800	140	490	
1,2-Dibromo-3-Chloropropane	ND	ug/L	800	160	580	
1,2-Dibromoethane	ND	ug/L	800	97	340	
Dibromomethane	ND	ug/L	800	160	580	
1,2-Dichlorobenzene	ND	ug/L	800	170	610	
1,3-Dichlorobenzene	ND	ug/L	800	160	570	
1,4-Dichlorobenzene	ND	ug/L	800	170	610	
Dichlorodifluoromethane	ND	ug/L	800	110	390	
1,1-Dichloroethane	[250]	ug/L	800	140	510	J
1,2-Dichloroethane	ND	ug/L	800	160	550	
1,1-Dichloroethene	ND	ug/L	800	130	460	
cis-1,2-Dichloroethene	1600	ug/L	800	140	500	
trans-1,2-Dichloroethene	ND	ug/L	800	120	410	
1,2-Dichloropropane	ND	ug/L	800	190	670	
1,3-Dichloropropane	ND	ug/L	800	140	500	
2,2-Dichloropropane	ND	ug/L	800	92	330	
1,1-Dichloropropene	ND	ug/L	800	120	430	
cis-1,3-Dichloropropene	ND	ug/L	800	150	550	
trans-1,3-Dichloropropene	ND	ug/L	800	120	410	
Ethylbenzene	ND	ug/L	800	240	850	
Hexachlorobutadiene	ND	ug/L	800	160	550	
Isopropylbenzene	ND	ug/L	800	140	480	
p-Isopropyltoluene	ND	ug/L	800	150	550	
Methylene chloride	ND	ug/L	800	160	560	
Naphthalene	ND	ug/L	800	230	830	
n-Propylbenzene	ND	ug/L	800	160	560	
ortho-Xylene	1300	ug/L	800	130	440	
Styrene	ND	ug/L	800	130	450	
1,1,1,2-Tetrachloroethane	ND	ug/L	800	150	530	
1,1,2,2-Tetrachloroethane	ND	ug/L	800	150	550	
Tetrachloroethene	ND	ug/L	800	130	470	
Toluene	9800	ug/L	800	150	540	
1,2,3-Trichlorobenzene	ND	ug/L	800	160	560	
1,2,4-Trichlorobenzene	ND	ug/L	800	140	500	
1,1,1-Trichloroethane	820	ug/L	800	140	490	
1,1,2-Trichloroethane	ND	ug/L	800	130	480	
Trichloroethene	[250]	ug/L	800	190	670	J

Customer: WRR Environmental Services Co Inc NLS Project: 274595

Project Description: Wastewater

Project Title: Template: SAT3WRRL Printed: 02/21/2017 17:04

Sample: 972730 RW11 Collected: 02/07/17 Analyzed: 02/13/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	800	140	480	
1,2,3-Trichloropropane	ND	ug/L	800	230	820	
1,2,4-Trimethylbenzene	ND	ug/L	800	150	520	
1,3,5-Trimethylbenzene	ND	ug/L	800	160	570	
Vinyl chloride	ND	ug/L	800	130	460	
meta,para-Xylene	3600	ug/L	800	260	900	
MTBE	ND	ug/L	800	170	610	
Acetone	ND	ug/L	800	3300	10000	
Methyl ethyl ketone	ND	ug/L	800	400	1400	
4-methyl-2-pentanone	ND	ug/L	800	320	1100	
Isopropyl Ether	ND	ug/L	800	150	530	
Isopropyl Alcohol	ND	ug/L	800	4000	14000	
Dibromofluoromethane (SURR)	118%					S
Toluene-d8 (SURR)	110%					S
1-Bromo-4-Fluorobenzene (SURR)	109%					S

NOTES APPLICABLE TO THIS ANALYSIS:

J = Result enclosed in brackets is between LOD and LOQ, a region of less certain quantitation.

S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

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Customer: WRR Environmental Services Co Inc NLS Project: 275934

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 03/16/2017 17:04

Sample: 976849 Production Collected: 03/08/17 Analyzed: 03/13/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	10	2.4	8.4	
Bromobenzene	ND	ug/L	10	2.3	8.2	
Bromochloromethane	ND	ug/L	10	2.5	8.8	
Bromodichloromethane	ND	ug/L	10	2.7	9.4	
Bromoform	ND	ug/L	10	2.1	7.3	
Bromomethane	ND	ug/L	10	2.7	9.6	CC
n-Butylbenzene	ND	ug/L	10	2.1	7.3	
sec-Butylbenzene	ND	ug/L	10	1.9	6.6	
tert-Butylbenzene	ND	ug/L	10	1.9	6.8	
Carbon Tetrachloride	ND	ug/L	10	1.6	5.5	
Chlorobenzene	ND	ug/L	10	2.5	8.7	
Chloroethane	ND	ug/L	10	9.3	33	
Chloroform	ND	ug/L	10	2.2	7.8	
Chloromethane	ND	ug/L	10	2.2	7.8	
2-Chlorotoluene	ND	ug/L	10	2.5	9.0	
4-Chlorotoluene	ND	ug/L	10	2.1	7.3	
Dibromochloromethane	ND	ug/L	10	1.6	5.6	
1,2-Dibromo-3-Chloropropane	ND	ug/L	10	1.8	6.3	
1,2-Dibromoethane	ND	ug/L	10	2.3	8.1	
Dibromomethane	ND	ug/L	10	2.2	7.8	
1,2-Dichlorobenzene	ND	ug/L	10	2.1	7.3	
1,3-Dichlorobenzene	ND	ug/L	10	2.0	7.0	
1,4-Dichlorobenzene	ND	ug/L	10	2.7	9.5	
Dichlorodifluoromethane	ND	ug/L	10	1.7	5.8	
1,1-Dichloroethane	ND	ug/L	10	1.9	6.7	
1,2-Dichloroethane	ND	ug/L	10	2.2	7.8	
1,1-Dichloroethene	ND	ug/L	10	2.0	6.9	
cis-1,2-Dichloroethene	ND	ug/L	10	2.4	8.4	
trans-1,2-Dichloroethene	ND	ug/L	10	1.7	6.0	
1,2-Dichloropropane	ND	ug/L	10	2.8	9.8	
1,3-Dichloropropane	ND	ug/L	10	2.4	8.4	
2,2-Dichloropropane	ND	ug/L	10	1.8	6.4	
1,1-Dichloropropene	ND	ug/L	10	2.0	7.0	
cis-1,3-Dichloropropene	ND	ug/L	10	2.6	9.1	
trans-1,3-Dichloropropene	ND	ug/L	10	1.9	6.9	
Ethylbenzene	[3.7]	ug/L	10	1.9	6.9	J
Hexachlorobutadiene	ND	ug/L	10	3.0	11	
Isopropylbenzene	ND	ug/L	10	1.9	6.5	
p-Isopropyltoluene	ND	ug/L	10	1.8	6.2	
Methylene chloride	ND	ug/L	10	2.4	8.4	
Naphthalene	ND	ug/L	10	4.3	15	
n-Propylbenzene	ND	ug/L	10	2.1	7.4	
ortho-Xylene	[2.8]	ug/L	10	1.9	6.6	J
Styrene	ND	ug/L	10	1.9	6.6	
1,1,1,2-Tetrachloroethane	ND	ug/L	10	2.0	7.0	
1,1,2,2-Tetrachloroethane	ND	ug/L	10	2.6	9.4	
Tetrachloroethene	ND	ug/L	10	2.2	7.8	
Toluene	66	ug/L	10	2.1	7.4	
1,2,3-Trichlorobenzene	ND	ug/L	10	3.7	13	
1,2,4-Trichlorobenzene	ND	ug/L	10	3.0	10	
1,1,1-Trichloroethane	ND	ug/L	10	2.0	6.9	
1,1,2-Trichloroethane	ND	ug/L	10	2.0	6.9	
Trichloroethene	ND	ug/L	10	3.2	11	

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

Customer: WRR Environmental Services Co Inc NLS Project: 275934

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 03/16/2017 17:04

Sample: 976849 Production Collected: 03/08/17 Analyzed: 03/13/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	10	2.0	7.1	
1,2,3-Trichloropropane	ND	ug/L	10	2.5	8.7	
1,2,4-Trimethylbenzene	ND	ug/L	10	2.1	7.4	
1,3,5-Trimethylbenzene	ND	ug/L	10	2.1	7.6	
Vinyl chloride	ND	ug/L	10	1.7	6.0	
meta,para-Xylene	[9.7]	ug/L	10	3.7	13	J
MTBE	ND	ug/L	10	2.1	7.3	
Acetone	140	ug/L	10	42	120	
Methyl ethyl ketone	[15]	ug/L	10	5.7	20	J
4-methyl-2-pentanone	[6.0]	ug/L	10	5.4	19	J
Isopropyl Ether	ND	ug/L	10	2.2	7.8	
Isopropyl Alcohol	180	ug/L	10	44	160	
Dibromofluoromethane (SURR)	119%					S
Toluene-d8 (SURR)	115%					S
1-Bromo-4-Fluorobenzene (SURR)	105%					S

NOTES APPLICABLE TO THIS ANALYSIS:

J = Result enclosed in brackets is between LOD and LOQ, a region of less certain quantitation.

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.

Bromomethane recovery 69%

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

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Customer: WRR Environmental Services Co Inc NLS Project: 275934

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 03/16/2017 17:04

Sample: 976850 RW6 Collected: 03/08/17 Analyzed: 03/14/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	400	95	340	
Bromobenzene	ND	ug/L	400	93	330	
Bromochloromethane	ND	ug/L	400	99	350	
Bromodichloromethane	ND	ug/L	400	110	380	
Bromoform	ND	ug/L	400	82	290	
Bromomethane	ND	ug/L	400	110	380	CC
n-Butylbenzene	ND	ug/L	400	82	290	
sec-Butylbenzene	ND	ug/L	400	74	260	
tert-Butylbenzene	ND	ug/L	400	76	270	
Carbon Tetrachloride	ND	ug/L	400	62	220	
Chlorobenzene	ND	ug/L	400	98	350	
Chloroethane	ND	ug/L	400	370	1300	
Chloroform	ND	ug/L	400	88	310	
Chloromethane	ND	ug/L	400	88	310	
2-Chlorotoluene	ND	ug/L	400	100	360	
4-Chlorotoluene	ND	ug/L	400	82	290	
Dibromochloromethane	ND	ug/L	400	63	220	
1,2-Dibromo-3-Chloropropane	ND	ug/L	400	71	250	
1,2-Dibromoethane	ND	ug/L	400	92	330	
Dibromomethane	ND	ug/L	400	88	310	
1,2-Dichlorobenzene	ND	ug/L	400	82	290	
1,3-Dichlorobenzene	ND	ug/L	400	79	280	
1,4-Dichlorobenzene	ND	ug/L	400	110	380	
Dichlorodifluoromethane	ND	ug/L	400	66	230	
1,1-Dichloroethane	ND	ug/L	400	75	270	
1,2-Dichloroethane	ND	ug/L	400	88	310	
1,1-Dichloroethene	ND	ug/L	400	78	280	
cis-1,2-Dichloroethene	ND	ug/L	400	94	330	
trans-1,2-Dichloroethene	ND	ug/L	400	68	240	
1,2-Dichloropropane	ND	ug/L	400	110	390	
1,3-Dichloropropane	ND	ug/L	400	95	340	
2,2-Dichloropropane	ND	ug/L	400	73	260	
1,1-Dichloropropene	ND	ug/L	400	79	280	
cis-1,3-Dichloropropene	ND	ug/L	400	100	360	
trans-1,3-Dichloropropene	ND	ug/L	400	78	270	
Ethylbenzene	850	ug/L	400	77	270	
Hexachlorobutadiene	ND	ug/L	400	120	430	
Isopropylbenzene	ND	ug/L	400	74	260	
p-Isopropyltoluene	ND	ug/L	400	70	250	
Methylene chloride	ND	ug/L	400	95	340	
Naphthalene	ND	ug/L	400	170	610	
n-Propylbenzene	ND	ug/L	400	84	300	
ortho-Xylene	480	ug/L	400	74	260	
Styrene	ND	ug/L	400	74	260	
1,1,1,2-Tetrachloroethane	ND	ug/L	400	79	280	
1,1,2,2-Tetrachloroethane	ND	ug/L	400	110	370	
Tetrachloroethene	ND	ug/L	400	88	310	
Toluene	5100	ug/L	400	83	290	
1,2,3-Trichlorobenzene	ND	ug/L	400	150	530	
1,2,4-Trichlorobenzene	ND	ug/L	400	120	420	
1,1,1-Trichloroethane	ND	ug/L	400	78	280	
1,1,2-Trichloroethane	ND	ug/L	400	78	280	
Trichloroethene	ND	ug/L	400	130	460	

Customer: WRR Environmental Services Co Inc NLS Project: 275934

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 03/16/2017 17:04

Sample: 976850 RW6 Collected: 03/08/17 Analyzed: 03/14/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	400	80	280	
1,2,3-Trichloropropane	ND	ug/L	400	98	350	
1,2,4-Trimethylbenzene	ND	ug/L	400	83	290	
1,3,5-Trimethylbenzene	ND	ug/L	400	85	300	
Vinyl chloride	ND	ug/L	400	68	240	
meta,para-Xylene	1600	ug/L	400	150	530	
MTBE	ND	ug/L	400	82	290	
Acetone	ND	ug/L	400	1700	5000	
Methyl ethyl ketone	ND	ug/L	400	230	810	
4-methyl-2-pentanone	ND	ug/L	400	210	760	
Isopropyl Ether	ND	ug/L	400	88	310	
Isopropyl Alcohol	ND	ug/L	400	1800	6300	CC
Dibromofluoromethane (SURR)	104%					S
Toluene-d8 (SURR)	108%					S
1-Bromo-4-Fluorobenzene (SURR)	103%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.

Bromomethane recovery 60%

Isopropyl Alcohol recovery 70%

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

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Customer: WRR Environmental Services Co Inc NLS Project: 275934

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 03/16/2017 17:04

Sample: 976851 RW7 Collected: 03/08/17 Analyzed: 03/14/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	11	ug/L	12.5	3.0	11	
Bromobenzene	ND	ug/L	12.5	2.9	10	
Bromochloromethane	ND	ug/L	12.5	3.1	11	
Bromodichloromethane	ND	ug/L	12.5	3.3	12	
Bromoform	ND	ug/L	12.5	2.6	9.1	
Bromomethane	ND	ug/L	12.5	3.4	12	CC
n-Butylbenzene	ND	ug/L	12.5	2.6	9.1	
sec-Butylbenzene	ND	ug/L	12.5	2.3	8.2	
tert-Butylbenzene	ND	ug/L	12.5	2.4	8.5	
Carbon Tetrachloride	ND	ug/L	12.5	1.9	6.9	
Chlorobenzene	ND	ug/L	12.5	3.1	11	
Chloroethane	63	ug/L	12.5	12	41	
Chloroform	ND	ug/L	12.5	2.8	9.8	
Chloromethane	ND	ug/L	12.5	2.8	9.7	
2-Chlorotoluene	ND	ug/L	12.5	3.2	11	
4-Chlorotoluene	ND	ug/L	12.5	2.6	9.1	
Dibromochloromethane	ND	ug/L	12.5	2.0	7.0	
1,2-Dibromo-3-Chloropropane	ND	ug/L	12.5	2.2	7.8	
1,2-Dibromoethane	ND	ug/L	12.5	2.9	10	
Dibromomethane	ND	ug/L	12.5	2.8	9.8	
1,2-Dichlorobenzene	ND	ug/L	12.5	2.6	9.1	
1,3-Dichlorobenzene	ND	ug/L	12.5	2.5	8.7	
1,4-Dichlorobenzene	ND	ug/L	12.5	3.4	12	
Dichlorodifluoromethane	[2.5]	ug/L	12.5	2.1	7.3	J
1,1-Dichloroethane	46	ug/L	12.5	2.4	8.3	
1,2-Dichloroethane	ND	ug/L	12.5	2.7	9.7	
1,1-Dichloroethene	ND	ug/L	12.5	2.4	8.6	
cis-1,2-Dichloroethene	[9.7]	ug/L	12.5	3.0	10	J
trans-1,2-Dichloroethene	[2.4]	ug/L	12.5	2.1	7.5	J
1,2-Dichloropropane	ND	ug/L	12.5	3.5	12	
1,3-Dichloropropane	ND	ug/L	12.5	3.0	11	
2,2-Dichloropropane	ND	ug/L	12.5	2.3	8.0	
1,1-Dichloropropene	ND	ug/L	12.5	2.5	8.7	
cis-1,3-Dichloropropene	ND	ug/L	12.5	3.2	11	
trans-1,3-Dichloropropene	ND	ug/L	12.5	2.4	8.6	
Ethylbenzene	140	ug/L	12.5	2.4	8.6	
Hexachlorobutadiene	ND	ug/L	12.5	3.8	13	
Isopropylbenzene	ND	ug/L	12.5	2.3	8.2	
p-Isopropyltoluene	ND	ug/L	12.5	2.2	7.8	
Methylene chloride	ND	ug/L	12.5	3.0	10	
Naphthalene	ND	ug/L	12.5	5.4	19	
n-Propylbenzene	ND	ug/L	12.5	2.6	9.3	
ortho-Xylene	87	ug/L	12.5	2.3	8.2	
Styrene	ND	ug/L	12.5	2.3	8.2	
1,1,1,2-Tetrachloroethane	ND	ug/L	12.5	2.5	8.8	
1,1,2,2-Tetrachloroethane	ND	ug/L	12.5	3.3	12	
Tetrachloroethene	ND	ug/L	12.5	2.8	9.8	
Toluene	42	ug/L	12.5	2.6	9.2	
1,2,3-Trichlorobenzene	ND	ug/L	12.5	4.7	17	
1,2,4-Trichlorobenzene	ND	ug/L	12.5	3.7	13	
1,1,1-Trichloroethane	ND	ug/L	12.5	2.4	8.7	
1,1,2-Trichloroethane	ND	ug/L	12.5	2.4	8.6	
Trichloroethene	ND	ug/L	12.5	4.0	14	

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

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Customer: WRR Environmental Services Co Inc NLS Project: 275934

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 03/16/2017 17:04

Sample: 976852 RW10 Collected: 03/08/17 Analyzed: 03/14/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1250	300	1100	
Bromobenzene	ND	ug/L	1250	290	1000	
Bromochloromethane	ND	ug/L	1250	310	1100	
Bromodichloromethane	ND	ug/L	1250	330	1200	
Bromoform	ND	ug/L	1250	260	910	
Bromomethane	ND	ug/L	1250	340	1200	CC
n-Butylbenzene	ND	ug/L	1250	260	910	
sec-Butylbenzene	ND	ug/L	1250	230	820	
tert-Butylbenzene	ND	ug/L	1250	240	850	
Carbon Tetrachloride	ND	ug/L	1250	190	690	
Chlorobenzene	ND	ug/L	1250	310	1100	
Chloroethane	ND	ug/L	1250	1200	4100	
Chloroform	ND	ug/L	1250	280	980	
Chloromethane	ND	ug/L	1250	280	970	
2-Chlorotoluene	ND	ug/L	1250	320	1100	
4-Chlorotoluene	ND	ug/L	1250	260	910	
Dibromochloromethane	ND	ug/L	1250	200	700	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1250	220	780	
1,2-Dibromoethane	ND	ug/L	1250	290	1000	
Dibromomethane	ND	ug/L	1250	280	980	
1,2-Dichlorobenzene	ND	ug/L	1250	260	910	
1,3-Dichlorobenzene	ND	ug/L	1250	250	870	
1,4-Dichlorobenzene	ND	ug/L	1250	340	1200	
Dichlorodifluoromethane	ND	ug/L	1250	210	730	
1,1-Dichloroethane	ND	ug/L	1250	240	830	
1,2-Dichloroethane	ND	ug/L	1250	270	970	
1,1-Dichloroethene	ND	ug/L	1250	240	860	
cis-1,2-Dichloroethene	ND	ug/L	1250	300	1000	
trans-1,2-Dichloroethene	ND	ug/L	1250	210	750	
1,2-Dichloropropane	ND	ug/L	1250	350	1200	
1,3-Dichloropropane	ND	ug/L	1250	300	1100	
2,2-Dichloropropane	ND	ug/L	1250	230	800	
1,1-Dichloropropene	ND	ug/L	1250	250	870	
cis-1,3-Dichloropropene	ND	ug/L	1250	320	1100	
trans-1,3-Dichloropropene	ND	ug/L	1250	240	860	
Ethylbenzene	1600	ug/L	1250	240	860	
Hexachlorobutadiene	ND	ug/L	1250	380	1300	
Isopropylbenzene	ND	ug/L	1250	230	820	
p-Isopropyltoluene	ND	ug/L	1250	220	780	
Methylene chloride	[410]	ug/L	1250	300	1000	J
Naphthalene	ND	ug/L	1250	540	1900	
n-Propylbenzene	ND	ug/L	1250	260	930	
ortho-Xylene	1300	ug/L	1250	230	820	
Styrene	ND	ug/L	1250	230	820	
1,1,1,2-Tetrachloroethane	ND	ug/L	1250	250	880	
1,1,2,2-Tetrachloroethane	ND	ug/L	1250	330	1200	
Tetrachloroethene	ND	ug/L	1250	280	980	
Toluene	21000	ug/L	1250	260	920	
1,2,3-Trichlorobenzene	ND	ug/L	1250	470	1700	
1,2,4-Trichlorobenzene	ND	ug/L	1250	370	1300	
1,1,1-Trichloroethane	1300	ug/L	1250	240	870	
1,1,2-Trichloroethane	ND	ug/L	1250	240	860	
Trichloroethene	[920]	ug/L	1250	400	1400	J

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

Customer: WRR Environmental Services Co Inc NLS Project: 275934

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 03/16/2017 17:04

Sample: 976852 RW10 Collected: 03/08/17 Analyzed: 03/14/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1250	250	880	
1,2,3-Trichloropropane	ND	ug/L	1250	310	1100	
1,2,4-Trimethylbenzene	ND	ug/L	1250	260	920	
1,3,5-Trimethylbenzene	ND	ug/L	1250	270	950	
Vinyl chloride	ND	ug/L	1250	210	750	
meta,para-Xylene	4800	ug/L	1250	460	1600	
MTBE	ND	ug/L	1250	260	910	
Acetone	46000	ug/L	1250	5200	16000	
Methyl ethyl ketone	73000	ug/L	2500	1400	5000	
4-methyl-2-pentanone	[1800]	ug/L	1250	670	2400	J
Isopropyl Ether	ND	ug/L	1250	280	980	
Isopropyl Alcohol	32000	ug/L	1250	5500	20000	CC
Dibromofluoromethane (SURR)	98%					S
Toluene-d8 (SURR)	107%					S
1-Bromo-4-Fluorobenzene (SURR)	99%					S

NOTES APPLICABLE TO THIS ANALYSIS:

J = Result enclosed in brackets is between LOD and LOQ, a region of less certain quantitation.

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.

Bromomethane recovery 60%

Isopropyl Alcohol recovery 70%

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

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Customer: WRR Environmental Services Co Inc NLS Project: 275934

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 03/16/2017 17:04

Sample: 976853 RW11 Collected: 03/08/17 Analyzed: 03/14/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	800	190	670	
Bromobenzene	ND	ug/L	800	190	660	
Bromochloromethane	ND	ug/L	800	200	700	
Bromodichloromethane	ND	ug/L	800	210	750	
Bromoform	ND	ug/L	800	160	580	
Bromomethane	ND	ug/L	800	220	760	CC
n-Butylbenzene	ND	ug/L	800	160	580	
sec-Butylbenzene	ND	ug/L	800	150	520	
tert-Butylbenzene	ND	ug/L	800	150	540	
Carbon Tetrachloride	ND	ug/L	800	120	440	
Chlorobenzene	ND	ug/L	800	200	690	
Chloroethane	ND	ug/L	800	740	2600	
Chloroform	ND	ug/L	800	180	620	
Chloromethane	ND	ug/L	800	180	620	
2-Chlorotoluene	ND	ug/L	800	200	720	
4-Chlorotoluene	ND	ug/L	800	160	580	
Dibromochloromethane	ND	ug/L	800	130	450	
1,2-Dibromo-3-Chloropropane	ND	ug/L	800	140	500	
1,2-Dibromoethane	ND	ug/L	800	180	650	
Dibromomethane	ND	ug/L	800	180	630	
1,2-Dichlorobenzene	ND	ug/L	800	160	580	
1,3-Dichlorobenzene	ND	ug/L	800	160	560	
1,4-Dichlorobenzene	ND	ug/L	800	220	760	
Dichlorodifluoromethane	ND	ug/L	800	130	470	
1,1-Dichloroethane	[200]	ug/L	800	150	530	J
1,2-Dichloroethane	ND	ug/L	800	180	620	
1,1-Dichloroethene	ND	ug/L	800	160	550	
cis-1,2-Dichloroethene	1100	ug/L	800	190	670	
trans-1,2-Dichloroethene	ND	ug/L	800	140	480	
1,2-Dichloropropane	ND	ug/L	800	220	780	
1,3-Dichloropropane	ND	ug/L	800	190	670	
2,2-Dichloropropane	ND	ug/L	800	150	510	
1,1-Dichloropropene	ND	ug/L	800	160	560	
cis-1,3-Dichloropropene	ND	ug/L	800	200	720	
trans-1,3-Dichloropropene	ND	ug/L	800	160	550	
Ethylbenzene	890	ug/L	800	150	550	
Hexachlorobutadiene	ND	ug/L	800	240	850	
Isopropylbenzene	ND	ug/L	800	150	520	
p-Isopropyltoluene	ND	ug/L	800	140	500	
Methylene chloride	ND	ug/L	800	190	670	
Naphthalene	ND	ug/L	800	340	1200	
n-Propylbenzene	ND	ug/L	800	170	590	
ortho-Xylene	1300	ug/L	800	150	530	
Styrene	ND	ug/L	800	150	530	
1,1,1,2-Tetrachloroethane	ND	ug/L	800	160	560	
1,1,2,2-Tetrachloroethane	ND	ug/L	800	210	750	
Tetrachloroethene	ND	ug/L	800	180	630	
Toluene	8900	ug/L	800	170	590	
1,2,3-Trichlorobenzene	ND	ug/L	800	300	1100	
1,2,4-Trichlorobenzene	ND	ug/L	800	240	840	
1,1,1-Trichloroethane	630	ug/L	800	160	550	
1,1,2-Trichloroethane	ND	ug/L	800	160	550	
Trichloroethene	ND	ug/L	800	260	920	

Customer: WRR Environmental Services Co Inc NLS Project: 275934

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 03/16/2017 17:04

Sample: 976853 RW11 Collected: 03/08/17 Analyzed: 03/14/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	800	160	570	
1,2,3-Trichloropropane	ND	ug/L	800	200	700	
1,2,4-Trimethylbenzene	[200]	ug/L	800	170	590	J
1,3,5-Trimethylbenzene	ND	ug/L	800	170	610	
Vinyl chloride	ND	ug/L	800	140	480	
meta,para-Xylene	4100	ug/L	800	300	1100	
MTBE	ND	ug/L	800	160	580	
Acetone	ND	ug/L	800	3300	10000	
Methyl ethyl ketone	ND	ug/L	800	450	1600	
4-methyl-2-pentanone	ND	ug/L	800	430	1500	
Isopropyl Ether	ND	ug/L	800	180	620	
Isopropyl Alcohol	ND	ug/L	800	3500	13000	CC
Dibromofluoromethane (SURR)	97%					S
Toluene-d8 (SURR)	105%					S
1-Bromo-4-Fluorobenzene (SURR)	101%					S

NOTES APPLICABLE TO THIS ANALYSIS:

J = Result enclosed in brackets is between LOD and LOQ, a region of less certain quantitation.

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.

Bromomethane recovery 60%

Isopropyl Alcohol recovery 70%

Customer: WRR Environmental Services Co Inc NLS Project: 275934

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 03/16/2017 17:04

Sample: 976854 Trip Blank Collected: 03/08/17 Analyzed: 03/14/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.24	0.84	
Bromobenzene	ND	ug/L	1	0.23	0.82	
Bromochloromethane	ND	ug/L	1	0.25	0.88	
Bromodichloromethane	ND	ug/L	1	0.27	0.94	
Bromoform	ND	ug/L	1	0.21	0.73	
Bromomethane	ND	ug/L	1	0.27	0.96	CC
n-Butylbenzene	ND	ug/L	1	0.21	0.73	
sec-Butylbenzene	ND	ug/L	1	0.19	0.66	
tert-Butylbenzene	ND	ug/L	1	0.19	0.68	
Carbon Tetrachloride	ND	ug/L	1	0.16	0.55	
Chlorobenzene	ND	ug/L	1	0.25	0.87	
Chloroethane	ND	ug/L	1	0.93	3.3	
Chloroform	ND	ug/L	1	0.22	0.78	
Chloromethane	ND	ug/L	1	0.22	0.78	
2-Chlorotoluene	ND	ug/L	1	0.25	0.90	
4-Chlorotoluene	ND	ug/L	1	0.21	0.73	
Dibromochloromethane	ND	ug/L	1	0.16	0.56	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.18	0.63	
1,2-Dibromoethane	ND	ug/L	1	0.23	0.81	
Dibromomethane	ND	ug/L	1	0.22	0.78	
1,2-Dichlorobenzene	ND	ug/L	1	0.21	0.73	
1,3-Dichlorobenzene	ND	ug/L	1	0.20	0.70	
1,4-Dichlorobenzene	ND	ug/L	1	0.27	0.95	
Dichlorodifluoromethane	ND	ug/L	1	0.17	0.58	
1,1-Dichloroethane	ND	ug/L	1	0.19	0.67	
1,2-Dichloroethane	ND	ug/L	1	0.22	0.78	
1,1-Dichloroethene	ND	ug/L	1	0.20	0.69	
cis-1,2-Dichloroethene	ND	ug/L	1	0.24	0.84	
trans-1,2-Dichloroethene	ND	ug/L	1	0.17	0.60	
1,2-Dichloropropane	ND	ug/L	1	0.28	0.98	
1,3-Dichloropropane	ND	ug/L	1	0.24	0.84	
2,2-Dichloropropane	ND	ug/L	1	0.18	0.64	
1,1-Dichloropropene	ND	ug/L	1	0.20	0.70	
cis-1,3-Dichloropropene	ND	ug/L	1	0.26	0.91	
trans-1,3-Dichloropropene	ND	ug/L	1	0.19	0.69	
Ethylbenzene	ND	ug/L	1	0.19	0.69	
Hexachlorobutadiene	ND	ug/L	1	0.30	1.1	
Isopropylbenzene	ND	ug/L	1	0.19	0.65	
p-Isopropyltoluene	ND	ug/L	1	0.18	0.62	
Methylene chloride	ND	ug/L	1	0.24	0.84	
Naphthalene	ND	ug/L	1	0.43	1.5	
n-Propylbenzene	ND	ug/L	1	0.21	0.74	
ortho-Xylene	ND	ug/L	1	0.19	0.66	
Styrene	ND	ug/L	1	0.19	0.66	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.20	0.70	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.26	0.94	
Tetrachloroethene	ND	ug/L	1	0.22	0.78	
Toluene	ND	ug/L	1	0.21	0.74	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.37	1.3	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.30	1.0	
1,1,1-Trichloroethane	ND	ug/L	1	0.20	0.69	
1,1,2-Trichloroethane	ND	ug/L	1	0.20	0.69	
Trichloroethene	ND	ug/L	1	0.32	1.1	

Customer: WRR Environmental Services Co Inc NLS Project: 275934

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 03/16/2017 17:04

Sample: 976854 Trip Blank Collected: 03/08/17 Analyzed: 03/14/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.20	0.71	
1,2,3-Trichloropropane	ND	ug/L	1	0.25	0.87	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.21	0.74	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.21	0.76	
Vinyl chloride	ND	ug/L	1	0.17	0.60	
meta,para-Xylene	ND	ug/L	1	0.37	1.3	
MTBE	ND	ug/L	1	0.21	0.73	
Acetone	ND	ug/L	1	4.2	12	
Methyl ethyl ketone	ND	ug/L	1	0.57	2.0	
4-methyl-2-pentanone	ND	ug/L	1	0.54	1.9	
Isopropyl Ether	ND	ug/L	1	0.22	0.78	
Isopropyl Alcohol	ND	ug/L	1	4.4	16	CC
Dibromofluoromethane (SURR)	97%					S
Toluene-d8 (SURR)	103%					S
1-Bromo-4-Fluorobenzene (SURR)	96%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.

Bromomethane recovery 60%

Isopropyl Alcohol recovery 70%

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

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Customer: WRR Environmental Services Co Inc NLS Project: 277335

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 04/13/2017 08:30

Sample: 981572 Production Collected: 04/05/17 Analyzed: 04/11/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	4	0.95	3.4	
Bromobenzene	ND	ug/L	4	0.93	3.3	
Bromochloromethane	ND	ug/L	4	0.99	3.5	
Bromodichloromethane	ND	ug/L	4	1.1	3.8	
Bromoform	ND	ug/L	4	0.82	2.9	
Bromomethane	ND	ug/L	4	1.1	3.8	CC
n-Butylbenzene	ND	ug/L	4	0.82	2.9	
sec-Butylbenzene	ND	ug/L	4	0.74	2.6	
tert-Butylbenzene	ND	ug/L	4	0.76	2.7	
Carbon Tetrachloride	ND	ug/L	4	0.62	2.2	
Chlorobenzene	ND	ug/L	4	0.98	3.5	
Chloroethane	ND	ug/L	4	3.7	13	
Chloroform	ND	ug/L	4	0.88	3.1	
Chloromethane	ND	ug/L	4	0.88	3.1	
2-Chlorotoluene	ND	ug/L	4	1.0	3.6	
4-Chlorotoluene	ND	ug/L	4	0.82	2.9	
Dibromochloromethane	ND	ug/L	4	0.63	2.2	
1,2-Dibromo-3-Chloropropane	ND	ug/L	4	0.71	2.5	
1,2-Dibromoethane	ND	ug/L	4	0.92	3.3	
Dibromomethane	ND	ug/L	4	0.88	3.1	
1,2-Dichlorobenzene	ND	ug/L	4	0.82	2.9	
1,3-Dichlorobenzene	ND	ug/L	4	0.79	2.8	
1,4-Dichlorobenzene	ND	ug/L	4	1.1	3.8	
Dichlorodifluoromethane	ND	ug/L	4	0.66	2.3	
1,1-Dichloroethane	ND	ug/L	4	0.75	2.7	
1,2-Dichloroethane	ND	ug/L	4	0.88	3.1	
1,1-Dichloroethene	ND	ug/L	4	0.78	2.8	
cis-1,2-Dichloroethene	ND	ug/L	4	0.94	3.3	
trans-1,2-Dichloroethene	ND	ug/L	4	0.68	2.4	
1,2-Dichloropropane	ND	ug/L	4	1.1	3.9	
1,3-Dichloropropane	ND	ug/L	4	0.95	3.4	
2,2-Dichloropropane	ND	ug/L	4	0.73	2.6	
1,1-Dichloropropene	ND	ug/L	4	0.79	2.8	
cis-1,3-Dichloropropene	ND	ug/L	4	1.0	3.6	
trans-1,3-Dichloropropene	ND	ug/L	4	0.78	2.7	
Ethylbenzene	2.9	ug/L	4	0.77	2.7	
Hexachlorobutadiene	ND	ug/L	4	1.2	4.3	
Isopropylbenzene	ND	ug/L	4	0.74	2.6	
p-Isopropyltoluene	ND	ug/L	4	0.70	2.5	
Methylene chloride	[1.1]	ug/L	4	0.95	3.4	J
Naphthalene	ND	ug/L	4	1.7	6.1	
n-Propylbenzene	ND	ug/L	4	0.84	3.0	
ortho-Xylene	[2.2]	ug/L	4	0.74	2.6	J
Styrene	ND	ug/L	4	0.74	2.6	
1,1,1,2-Tetrachloroethane	ND	ug/L	4	0.79	2.8	
1,1,2,2-Tetrachloroethane	ND	ug/L	4	1.1	3.7	
Tetrachloroethene	[1.2]	ug/L	4	0.88	3.1	J
Toluene	41	ug/L	4	0.83	2.9	
1,2,3-Trichlorobenzene	ND	ug/L	4	1.5	5.3	
1,2,4-Trichlorobenzene	ND	ug/L	4	1.2	4.2	
1,1,1-Trichloroethane	ND	ug/L	4	0.78	2.8	
1,1,2-Trichloroethane	ND	ug/L	4	0.78	2.8	
Trichloroethene	ND	ug/L	4	1.3	4.6	

Customer: WRR Environmental Services Co Inc NLS Project: 277335

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 04/13/2017 08:30

Sample: 981572 Production Collected: 04/05/17 Analyzed: 04/11/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	4	0.80	2.8	
1,2,3-Trichloropropane	ND	ug/L	4	0.98	3.5	
1,2,4-Trimethylbenzene	ND	ug/L	4	0.83	2.9	
1,3,5-Trimethylbenzene	ND	ug/L	4	0.85	3.0	
Vinyl chloride	ND	ug/L	4	0.68	2.4	
meta,para-Xylene	7.4	ug/L	4	1.5	5.3	
MTBE	ND	ug/L	4	0.82	2.9	
Acetone	[49]	ug/L	4	17	50	J
Methyl ethyl ketone	11	ug/L	4	2.3	8.1	
4-methyl-2-pentanone	[5.3]	ug/L	4	2.1	7.6	J
Isopropyl Ether	ND	ug/L	4	0.88	3.1	
Isopropyl Alcohol	100	ug/L	4	18	63	
Dibromofluoromethane (SURR)	110%					S
Toluene-d8 (SURR)	104%					S
1-Bromo-4-Fluorobenzene (SURR)	97%					S

NOTES APPLICABLE TO THIS ANALYSIS:

J = Result enclosed in brackets is between LOD and LOQ, a region of less certain quantitation.

S = This compound is a surrogate used to evaluate the quality control of a method.

CC = Continuing calibration verification standard recovery was outside QC limits.

Bromomethane recovery 60%

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat3)

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Customer: WRR Environmental Services Co Inc NLS Project: 277335

Project Description: Wastewater

Project Title: Template: SAT3WRRL Printed: 04/13/2017 08:30

Sample: 981573 RW6 Collected: 04/05/17 Analyzed: 04/10/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	500	97	340	
Bromobenzene	ND	ug/L	500	120	430	
Bromochloromethane	ND	ug/L	500	76	270	
Bromodichloromethane	ND	ug/L	500	97	340	
Bromoform	ND	ug/L	500	79	280	
Bromomethane	ND	ug/L	500	110	400	
n-Butylbenzene	ND	ug/L	500	94	330	
sec-Butylbenzene	ND	ug/L	500	100	350	
tert-Butylbenzene	ND	ug/L	500	100	350	
Carbon Tetrachloride	ND	ug/L	500	94	330	
Chlorobenzene	ND	ug/L	500	79	280	
Chloroethane	ND	ug/L	500	770	2700	
Chloroform	ND	ug/L	500	84	300	
Chloromethane	ND	ug/L	500	97	340	
2-Chlorotoluene	ND	ug/L	500	110	380	
4-Chlorotoluene	ND	ug/L	500	96	340	
Dibromochloromethane	ND	ug/L	500	86	310	
1,2-Dibromo-3-Chloropropane	ND	ug/L	500	100	370	
1,2-Dibromoethane	ND	ug/L	500	61	210	
Dibromomethane	ND	ug/L	500	100	370	
1,2-Dichlorobenzene	ND	ug/L	500	110	380	
1,3-Dichlorobenzene	ND	ug/L	500	100	360	
1,4-Dichlorobenzene	ND	ug/L	500	110	380	
Dichlorodifluoromethane	ND	ug/L	500	69	240	
1,1-Dichloroethane	ND	ug/L	500	90	320	
1,2-Dichloroethane	ND	ug/L	500	97	340	
1,1-Dichloroethene	ND	ug/L	500	81	290	
cis-1,2-Dichloroethene	ND	ug/L	500	88	310	
trans-1,2-Dichloroethene	ND	ug/L	500	73	260	
1,2-Dichloropropane	ND	ug/L	500	120	420	
1,3-Dichloropropane	ND	ug/L	500	89	310	
2,2-Dichloropropane	ND	ug/L	500	58	200	
1,1-Dichloropropene	ND	ug/L	500	76	270	
cis-1,3-Dichloropropene	ND	ug/L	500	97	340	
trans-1,3-Dichloropropene	ND	ug/L	500	72	260	
Ethylbenzene	830	ug/L	500	150	530	
Hexachlorobutadiene	ND	ug/L	500	98	350	
Isopropylbenzene	ND	ug/L	500	85	300	
p-Isopropyltoluene	ND	ug/L	500	97	340	
Methylene chloride	ND	ug/L	500	99	350	
Naphthalene	ND	ug/L	500	150	520	
n-Propylbenzene	ND	ug/L	500	100	350	
ortho-Xylene	540	ug/L	500	79	280	
Styrene	ND	ug/L	500	80	280	
1,1,1,2-Tetrachloroethane	ND	ug/L	500	94	330	
1,1,2,2-Tetrachloroethane	ND	ug/L	500	97	340	
Tetrachloroethene	ND	ug/L	500	83	290	
Toluene	5000	ug/L	500	96	340	
1,2,3-Trichlorobenzene	ND	ug/L	500	99	350	
1,2,4-Trichlorobenzene	ND	ug/L	500	89	320	
1,1,1-Trichloroethane	ND	ug/L	500	86	300	
1,1,2-Trichloroethane	ND	ug/L	500	84	300	
Trichloroethene	ND	ug/L	500	120	420	

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat3)

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Customer: WRR Environmental Services Co Inc NLS Project: 277335

Project Description: Wastewater

Project Title: Template: SAT3WRRL Printed: 04/13/2017 08:30

Sample: 981574 RW7 Collected: 04/05/17 Analyzed: 04/10/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	[8.0]	ug/L	12.5	2.4	8.6	J
Bromobenzene	ND	ug/L	12.5	3.1	11	
Bromochloromethane	ND	ug/L	12.5	1.9	6.7	
Bromodichloromethane	ND	ug/L	12.5	2.4	8.5	
Bromoform	ND	ug/L	12.5	2.0	7.0	
Bromomethane	ND	ug/L	12.5	2.8	9.9	
n-Butylbenzene	ND	ug/L	12.5	2.4	8.4	
sec-Butylbenzene	ND	ug/L	12.5	2.5	8.8	
tert-Butylbenzene	ND	ug/L	12.5	2.5	8.9	
Carbon Tetrachloride	ND	ug/L	12.5	2.3	8.3	
Chlorobenzene	ND	ug/L	12.5	2.0	7.0	
Chloroethane	[53]	ug/L	12.5	19	68	J
Chloroform	ND	ug/L	12.5	2.1	7.4	
Chloromethane	ND	ug/L	12.5	2.4	8.6	
2-Chlorotoluene	ND	ug/L	12.5	2.7	9.4	
4-Chlorotoluene	ND	ug/L	12.5	2.4	8.5	
Dibromochloromethane	ND	ug/L	12.5	2.2	7.6	
1,2-Dibromo-3-Chloropropane	ND	ug/L	12.5	2.6	9.1	
1,2-Dibromoethane	ND	ug/L	12.5	1.5	5.4	
Dibromomethane	ND	ug/L	12.5	2.6	9.1	
1,2-Dichlorobenzene	ND	ug/L	12.5	2.7	9.6	
1,3-Dichlorobenzene	ND	ug/L	12.5	2.5	9.0	
1,4-Dichlorobenzene	ND	ug/L	12.5	2.7	9.5	
Dichlorodifluoromethane	ND	ug/L	12.5	1.7	6.1	
1,1-Dichloroethane	48	ug/L	12.5	2.3	8.0	
1,2-Dichloroethane	ND	ug/L	12.5	2.4	8.6	
1,1-Dichloroethene	ND	ug/L	12.5	2.0	7.2	
cis-1,2-Dichloroethene	8.8	ug/L	12.5	2.2	7.8	
trans-1,2-Dichloroethene	[2.5]	ug/L	12.5	1.8	6.4	J
1,2-Dichloropropane	ND	ug/L	12.5	3.0	11	
1,3-Dichloropropane	ND	ug/L	12.5	2.2	7.9	
2,2-Dichloropropane	ND	ug/L	12.5	1.4	5.1	
1,1-Dichloropropene	ND	ug/L	12.5	1.9	6.7	
cis-1,3-Dichloropropene	ND	ug/L	12.5	2.4	8.6	
trans-1,3-Dichloropropene	ND	ug/L	12.5	1.8	6.4	
Ethylbenzene	86	ug/L	12.5	3.8	13	
Hexachlorobutadiene	ND	ug/L	12.5	2.4	8.6	
Isopropylbenzene	ND	ug/L	12.5	2.1	7.6	
p-Isopropyltoluene	ND	ug/L	12.5	2.4	8.6	
Methylene chloride	ND	ug/L	12.5	2.5	8.8	
Naphthalene	ND	ug/L	12.5	3.7	13	
n-Propylbenzene	ND	ug/L	12.5	2.5	8.8	
ortho-Xylene	79	ug/L	12.5	2.0	7.0	
Styrene	ND	ug/L	12.5	2.0	7.0	
1,1,1,2-Tetrachloroethane	ND	ug/L	12.5	2.3	8.3	
1,1,2,2-Tetrachloroethane	ND	ug/L	12.5	2.4	8.6	
Tetrachloroethene	ND	ug/L	12.5	2.1	7.3	
Toluene	26	ug/L	12.5	2.4	8.5	
1,2,3-Trichlorobenzene	ND	ug/L	12.5	2.5	8.7	
1,2,4-Trichlorobenzene	ND	ug/L	12.5	2.2	7.9	
1,1,1-Trichloroethane	ND	ug/L	12.5	2.2	7.6	
1,1,2-Trichloroethane	ND	ug/L	12.5	2.1	7.4	
Trichloroethene	[3.2]	ug/L	12.5	3.0	10	J

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat3)

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Customer: WRR Environmental Services Co Inc NLS Project: 277335

Project Description: Wastewater

Project Title: Template: SAT3WRRL Printed: 04/13/2017 08:30

Sample: 981575 RW10 Collected: 04/05/17 Analyzed: 04/10/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1250	240	860	
Bromobenzene	ND	ug/L	1250	310	1100	
Bromochloromethane	ND	ug/L	1250	190	670	
Bromodichloromethane	ND	ug/L	1250	240	850	
Bromoform	ND	ug/L	1250	200	700	
Bromomethane	ND	ug/L	1250	280	990	
n-Butylbenzene	ND	ug/L	1250	240	840	
sec-Butylbenzene	ND	ug/L	1250	250	880	
tert-Butylbenzene	ND	ug/L	1250	250	890	
Carbon Tetrachloride	ND	ug/L	1250	230	830	
Chlorobenzene	ND	ug/L	1250	200	700	
Chloroethane	ND	ug/L	1250	1900	6800	
Chloroform	ND	ug/L	1250	210	740	
Chloromethane	ND	ug/L	1250	240	860	
2-Chlorotoluene	ND	ug/L	1250	270	940	
4-Chlorotoluene	ND	ug/L	1250	240	850	
Dibromochloromethane	ND	ug/L	1250	220	760	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1250	260	910	
1,2-Dibromoethane	ND	ug/L	1250	150	540	
Dibromomethane	ND	ug/L	1250	260	910	
1,2-Dichlorobenzene	ND	ug/L	1250	270	960	
1,3-Dichlorobenzene	ND	ug/L	1250	250	900	
1,4-Dichlorobenzene	ND	ug/L	1250	270	950	
Dichlorodifluoromethane	ND	ug/L	1250	170	610	
1,1-Dichloroethane	ND	ug/L	1250	230	800	
1,2-Dichloroethane	ND	ug/L	1250	240	860	
1,1-Dichloroethene	ND	ug/L	1250	200	720	
cis-1,2-Dichloroethene	[330]	ug/L	1250	220	780	J
trans-1,2-Dichloroethene	ND	ug/L	1250	180	640	
1,2-Dichloropropane	ND	ug/L	1250	300	1100	
1,3-Dichloropropane	ND	ug/L	1250	220	790	
2,2-Dichloropropane	ND	ug/L	1250	140	510	
1,1-Dichloropropene	ND	ug/L	1250	190	670	
cis-1,3-Dichloropropene	ND	ug/L	1250	240	860	
trans-1,3-Dichloropropene	ND	ug/L	1250	180	640	
Ethylbenzene	1800	ug/L	1250	380	1300	
Hexachlorobutadiene	ND	ug/L	1250	240	860	
Isopropylbenzene	ND	ug/L	1250	210	760	
p-Isopropyltoluene	ND	ug/L	1250	240	860	
Methylene chloride	[400]	ug/L	1250	250	880	J
Naphthalene	ND	ug/L	1250	370	1300	
n-Propylbenzene	ND	ug/L	1250	250	880	
ortho-Xylene	1500	ug/L	1250	200	700	
Styrene	ND	ug/L	1250	200	700	
1,1,1,2-Tetrachloroethane	ND	ug/L	1250	230	830	
1,1,2,2-Tetrachloroethane	ND	ug/L	1250	240	860	
Tetrachloroethene	[220]	ug/L	1250	210	730	J
Toluene	21000	ug/L	1250	240	850	
1,2,3-Trichlorobenzene	ND	ug/L	1250	250	870	
1,2,4-Trichlorobenzene	ND	ug/L	1250	220	790	
1,1,1-Trichloroethane	1800	ug/L	1250	220	760	
1,1,2-Trichloroethane	ND	ug/L	1250	210	740	
Trichloroethene	1100	ug/L	1250	300	1000	

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat3)

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Customer: WRR Environmental Services Co Inc NLS Project: 277335

Project Description: Wastewater

Project Title: Template: SAT3WRRL Printed: 04/13/2017 08:30

Sample: 981576 RW11 Collected: 04/05/17 Analyzed: 04/10/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	800	160	550	
Bromobenzene	ND	ug/L	800	200	690	
Bromochloromethane	ND	ug/L	800	120	430	
Bromodichloromethane	ND	ug/L	800	150	550	
Bromoform	ND	ug/L	800	130	450	
Bromomethane	ND	ug/L	800	180	630	
n-Butylbenzene	ND	ug/L	800	150	530	
sec-Butylbenzene	ND	ug/L	800	160	570	
tert-Butylbenzene	ND	ug/L	800	160	570	
Carbon Tetrachloride	ND	ug/L	800	150	530	
Chlorobenzene	ND	ug/L	800	130	450	
Chloroethane	ND	ug/L	800	1200	4300	
Chloroform	ND	ug/L	800	130	480	
Chloromethane	ND	ug/L	800	150	550	
2-Chlorotoluene	ND	ug/L	800	170	600	
4-Chlorotoluene	ND	ug/L	800	150	540	
Dibromochloromethane	ND	ug/L	800	140	490	
1,2-Dibromo-3-Chloropropane	ND	ug/L	800	160	580	
1,2-Dibromoethane	ND	ug/L	800	97	340	
Dibromomethane	ND	ug/L	800	160	580	
1,2-Dichlorobenzene	ND	ug/L	800	170	610	
1,3-Dichlorobenzene	ND	ug/L	800	160	570	
1,4-Dichlorobenzene	ND	ug/L	800	170	610	
Dichlorodifluoromethane	ND	ug/L	800	110	390	
1,1-Dichloroethane	[280]	ug/L	800	140	510	J
1,2-Dichloroethane	ND	ug/L	800	160	550	
1,1-Dichloroethene	ND	ug/L	800	130	460	
cis-1,2-Dichloroethene	1500	ug/L	800	140	500	
trans-1,2-Dichloroethene	ND	ug/L	800	120	410	
1,2-Dichloropropane	ND	ug/L	800	190	670	
1,3-Dichloropropane	ND	ug/L	800	140	500	
2,2-Dichloropropane	ND	ug/L	800	92	330	
1,1-Dichloropropene	ND	ug/L	800	120	430	
cis-1,3-Dichloropropene	ND	ug/L	800	150	550	
trans-1,3-Dichloropropene	ND	ug/L	800	120	410	
Ethylbenzene	890	ug/L	800	240	850	
Hexachlorobutadiene	ND	ug/L	800	160	550	
Isopropylbenzene	ND	ug/L	800	140	480	
p-Isopropyltoluene	ND	ug/L	800	150	550	
Methylene chloride	ND	ug/L	800	160	560	
Naphthalene	ND	ug/L	800	230	830	
n-Propylbenzene	ND	ug/L	800	160	560	
ortho-Xylene	1500	ug/L	800	130	440	
Styrene	ND	ug/L	800	130	450	
1,1,1,2-Tetrachloroethane	ND	ug/L	800	150	530	
1,1,2,2-Tetrachloroethane	ND	ug/L	800	150	550	
Tetrachloroethene	ND	ug/L	800	130	470	
Toluene	11000	ug/L	800	150	540	
1,2,3-Trichlorobenzene	ND	ug/L	800	160	560	
1,2,4-Trichlorobenzene	ND	ug/L	800	140	500	
1,1,1-Trichloroethane	890	ug/L	800	140	490	
1,1,2-Trichloroethane	ND	ug/L	800	130	480	
Trichloroethene	[260]	ug/L	800	190	670	J

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat3)

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Customer: WRR Environmental Services Co Inc NLS Project: 277335

Project Description: Wastewater

Project Title: Template: SAT3WRRL Printed: 04/13/2017 08:30

Sample: 981577 Trip Blank Collected: 04/05/17 Analyzed: 04/10/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.19	0.69	
Bromobenzene	ND	ug/L	1	0.25	0.87	
Bromochloromethane	ND	ug/L	1	0.15	0.54	
Bromodichloromethane	ND	ug/L	1	0.19	0.68	
Bromoform	ND	ug/L	1	0.16	0.56	
Bromomethane	ND	ug/L	1	0.22	0.79	
n-Butylbenzene	ND	ug/L	1	0.19	0.67	
sec-Butylbenzene	ND	ug/L	1	0.20	0.71	
tert-Butylbenzene	ND	ug/L	1	0.20	0.71	
Carbon Tetrachloride	ND	ug/L	1	0.19	0.66	
Chlorobenzene	ND	ug/L	1	0.16	0.56	
Chloroethane	ND	ug/L	1	1.5	5.4	
Chloroform	ND	ug/L	1	0.17	0.60	
Chloromethane	ND	ug/L	1	0.19	0.68	
2-Chlorotoluene	ND	ug/L	1	0.21	0.75	
4-Chlorotoluene	ND	ug/L	1	0.19	0.68	
Dibromochloromethane	ND	ug/L	1	0.17	0.61	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21	0.73	
1,2-Dibromoethane	ND	ug/L	1	0.12	0.43	
Dibromomethane	ND	ug/L	1	0.21	0.73	
1,2-Dichlorobenzene	ND	ug/L	1	0.22	0.76	
1,3-Dichlorobenzene	ND	ug/L	1	0.20	0.72	
1,4-Dichlorobenzene	ND	ug/L	1	0.21	0.76	
Dichlorodifluoromethane	ND	ug/L	1	0.14	0.49	
1,1-Dichloroethane	ND	ug/L	1	0.18	0.64	
1,2-Dichloroethane	ND	ug/L	1	0.19	0.69	
1,1-Dichloroethene	ND	ug/L	1	0.16	0.57	
cis-1,2-Dichloroethene	ND	ug/L	1	0.18	0.62	
trans-1,2-Dichloroethene	ND	ug/L	1	0.15	0.51	
1,2-Dichloropropane	ND	ug/L	1	0.24	0.84	
1,3-Dichloropropane	ND	ug/L	1	0.18	0.63	
2,2-Dichloropropane	ND	ug/L	1	0.12	0.41	
1,1-Dichloropropene	ND	ug/L	1	0.15	0.54	
cis-1,3-Dichloropropene	ND	ug/L	1	0.19	0.68	
trans-1,3-Dichloropropene	ND	ug/L	1	0.14	0.51	
Ethylbenzene	ND	ug/L	1	0.30	1.1	
Hexachlorobutadiene	ND	ug/L	1	0.20	0.69	
Isopropylbenzene	ND	ug/L	1	0.17	0.60	
p-Isopropyltoluene	ND	ug/L	1	0.19	0.68	
Methylene chloride	ND	ug/L	1	0.20	0.70	
Naphthalene	ND	ug/L	1	0.29	1.0	
n-Propylbenzene	ND	ug/L	1	0.20	0.71	
ortho-Xylene	ND	ug/L	1	0.16	0.56	
Styrene	ND	ug/L	1	0.16	0.56	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.19	0.66	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.19	0.68	
Tetrachloroethene	ND	ug/L	1	0.17	0.58	
Toluene	ND	ug/L	1	0.19	0.68	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.20	0.70	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.18	0.63	
1,1,1-Trichloroethane	ND	ug/L	1	0.17	0.61	
1,1,2-Trichloroethane	ND	ug/L	1	0.17	0.59	
Trichloroethene	ND	ug/L	1	0.24	0.84	

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat3)

Customer: WRR Environmental Services Co Inc NLS Project: 277335

Project Description: Wastewater

Project Title: Template: SAT3WRRL Printed: 04/13/2017 08:30

Sample: 981577 Trip Blank Collected: 04/05/17 Analyzed: 04/10/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.17	0.60	
1,2,3-Trichloropropane	ND	ug/L	1	0.29	1.0	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.18	0.65	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.20	0.71	
Vinyl chloride	ND	ug/L	1	0.16	0.57	
meta,para-Xylene	ND	ug/L	1	0.32	1.1	
MTBE	ND	ug/L	1	0.22	0.76	
Acetone	ND	ug/L	1	4.2	12	
Methyl ethyl ketone	ND	ug/L	1	0.50	1.8	
4-methyl-2-pentanone	ND	ug/L	1	0.40	1.4	
Isopropyl Ether	ND	ug/L	1	0.19	0.66	
Isopropyl Alcohol	ND	ug/L	1	5.0	18	
Dibromofluoromethane (SURR)	121%					S
Toluene-d8 (SURR)	105%					S
1-Bromo-4-Fluorobenzene (SURR)	107%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

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Customer: WRR Environmental Services Co Inc NLS Project: 278764

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 05/16/2017 17:02

Sample: 986402 Production Collected: 05/02/17 Analyzed: 05/09/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	4	0.95	3.4	
Bromobenzene	ND	ug/L	4	0.93	3.3	
Bromochloromethane	ND	ug/L	4	0.99	3.5	
Bromodichloromethane	ND	ug/L	4	1.1	3.8	
Bromoform	ND	ug/L	4	0.82	2.9	
Bromomethane	ND	ug/L	4	1.1	3.8	
n-Butylbenzene	ND	ug/L	4	0.82	2.9	
sec-Butylbenzene	ND	ug/L	4	0.74	2.6	
tert-Butylbenzene	ND	ug/L	4	0.76	2.7	
Carbon Tetrachloride	ND	ug/L	4	0.62	2.2	
Chlorobenzene	ND	ug/L	4	0.98	3.5	
Chloroethane	[7.3]	ug/L	4	3.7	13	J
Chloroform	ND	ug/L	4	0.88	3.1	
Chloromethane	ND	ug/L	4	0.88	3.1	
2-Chlorotoluene	ND	ug/L	4	1.0	3.6	
4-Chlorotoluene	ND	ug/L	4	0.82	2.9	
Dibromochloromethane	ND	ug/L	4	0.63	2.2	
1,2-Dibromo-3-Chloropropane	ND	ug/L	4	0.71	2.5	
1,2-Dibromoethane	ND	ug/L	4	0.92	3.3	
Dibromomethane	ND	ug/L	4	0.88	3.1	
1,2-Dichlorobenzene	ND	ug/L	4	0.82	2.9	
1,3-Dichlorobenzene	ND	ug/L	4	0.79	2.8	
1,4-Dichlorobenzene	ND	ug/L	4	1.1	3.8	
Dichlorodifluoromethane	ND	ug/L	4	0.66	2.3	
1,1-Dichloroethane	[1.4]	ug/L	4	0.75	2.7	J
1,2-Dichloroethane	[1.4]	ug/L	4	0.88	3.1	J
1,1-Dichloroethene	ND	ug/L	4	0.78	2.8	
cis-1,2-Dichloroethene	ND	ug/L	4	0.94	3.3	
trans-1,2-Dichloroethene	ND	ug/L	4	0.68	2.4	
1,2-Dichloropropane	ND	ug/L	4	1.1	3.9	
1,3-Dichloropropane	ND	ug/L	4	0.95	3.4	
2,2-Dichloropropane	ND	ug/L	4	0.73	2.6	
1,1-Dichloropropene	ND	ug/L	4	0.79	2.8	
cis-1,3-Dichloropropene	ND	ug/L	4	1.0	3.6	
trans-1,3-Dichloropropene	ND	ug/L	4	0.78	2.7	
Ethylbenzene	10	ug/L	4	0.77	2.7	
Hexachlorobutadiene	ND	ug/L	4	1.2	4.3	
Isopropylbenzene	ND	ug/L	4	0.74	2.6	
p-Isopropyltoluene	ND	ug/L	4	0.70	2.5	
Methylene chloride	[1.1]	ug/L	4	0.95	3.4	J
Naphthalene	ND	ug/L	4	1.7	6.1	
n-Propylbenzene	ND	ug/L	4	0.84	3.0	
ortho-Xylene	7.4	ug/L	4	0.74	2.6	
Styrene	ND	ug/L	4	0.74	2.6	
1,1,1,2-Tetrachloroethane	ND	ug/L	4	0.79	2.8	
1,1,2,2-Tetrachloroethane	ND	ug/L	4	1.1	3.7	
Tetrachloroethene	[0.92]	ug/L	4	0.88	3.1	J
Toluene	120	ug/L	20	3.8	14	
1,2,3-Trichlorobenzene	ND	ug/L	4	1.5	5.3	
1,2,4-Trichlorobenzene	ND	ug/L	4	1.2	4.2	
1,1,1-Trichloroethane	ND	ug/L	4	0.78	2.8	
1,1,2-Trichloroethane	ND	ug/L	4	0.78	2.8	
Trichloroethene	ND	ug/L	4	1.3	4.6	

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

Customer: WRR Environmental Services Co Inc NLS Project: 278764

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 05/16/2017 17:02

Sample: 986402 Production Collected: 05/02/17 Analyzed: 05/09/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	4	0.80	2.8	
1,2,3-Trichloropropane	ND	ug/L	4	0.98	3.5	
1,2,4-Trimethylbenzene	ND	ug/L	4	0.83	2.9	
1,3,5-Trimethylbenzene	ND	ug/L	4	0.85	3.0	
Vinyl chloride	ND	ug/L	4	0.68	2.4	
meta,para-Xylene	26	ug/L	4	1.5	5.3	
MTBE	ND	ug/L	4	0.82	2.9	
Acetone	310	ug/L	4	17	50	
Methyl ethyl ketone	79	ug/L	4	2.3	8.1	
4-methyl-2-pentanone	28	ug/L	4	2.1	7.6	
Isopropyl Ether	ND	ug/L	4	0.88	3.1	
Isopropyl Alcohol	290	ug/L	4	18	63	
Dibromofluoromethane (SURR)	122%					S
Toluene-d8 (SURR)	96%					S
1-Bromo-4-Fluorobenzene (SURR)	106%					S

NOTES APPLICABLE TO THIS ANALYSIS:

J = Result enclosed in brackets is between LOD and LOQ, a region of less certain quantitation.

S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

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Customer: WRR Environmental Services Co Inc NLS Project: 278764

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 05/16/2017 17:02

Sample: 986403 RW6 Collected: 05/02/17 Analyzed: 05/09/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	500	120	420	
Bromobenzene	ND	ug/L	500	120	410	
Bromochloromethane	ND	ug/L	500	120	440	
Bromodichloromethane	ND	ug/L	500	130	470	
Bromoform	ND	ug/L	500	100	360	
Bromomethane	ND	ug/L	500	130	480	
n-Butylbenzene	ND	ug/L	500	100	370	
sec-Butylbenzene	ND	ug/L	500	93	330	
tert-Butylbenzene	ND	ug/L	500	96	340	
Carbon Tetrachloride	ND	ug/L	500	78	270	
Chlorobenzene	ND	ug/L	500	120	430	
Chloroethane	ND	ug/L	500	460	1600	
Chloroform	ND	ug/L	500	110	390	
Chloromethane	ND	ug/L	500	110	390	
2-Chlorotoluene	ND	ug/L	500	130	450	
4-Chlorotoluene	ND	ug/L	500	100	360	
Dibromochloromethane	ND	ug/L	500	79	280	
1,2-Dibromo-3-Chloropropane	ND	ug/L	500	89	310	
1,2-Dibromoethane	ND	ug/L	500	110	410	
Dibromomethane	ND	ug/L	500	110	390	
1,2-Dichlorobenzene	ND	ug/L	500	100	360	
1,3-Dichlorobenzene	ND	ug/L	500	99	350	
1,4-Dichlorobenzene	ND	ug/L	500	130	480	
Dichlorodifluoromethane	ND	ug/L	500	83	290	
1,1-Dichloroethane	ND	ug/L	500	94	330	
1,2-Dichloroethane	ND	ug/L	500	110	390	
1,1-Dichloroethene	ND	ug/L	500	98	350	
cis-1,2-Dichloroethene	ND	ug/L	500	120	420	
trans-1,2-Dichloroethene	ND	ug/L	500	85	300	
1,2-Dichloropropane	ND	ug/L	500	140	490	
1,3-Dichloropropane	ND	ug/L	500	120	420	
2,2-Dichloropropane	ND	ug/L	500	91	320	
1,1-Dichloropropene	ND	ug/L	500	99	350	
cis-1,3-Dichloropropene	ND	ug/L	500	130	450	
trans-1,3-Dichloropropene	ND	ug/L	500	97	340	
Ethylbenzene	920	ug/L	500	97	340	
Hexachlorobutadiene	ND	ug/L	500	150	530	
Isopropylbenzene	ND	ug/L	500	93	330	
p-Isopropyltoluene	ND	ug/L	500	88	310	
Methylene chloride	ND	ug/L	500	120	420	
Naphthalene	ND	ug/L	500	220	760	
n-Propylbenzene	ND	ug/L	500	110	370	
ortho-Xylene	500	ug/L	500	93	330	
Styrene	ND	ug/L	500	93	330	
1,1,1,2-Tetrachloroethane	ND	ug/L	500	99	350	
1,1,2,2-Tetrachloroethane	ND	ug/L	500	130	470	
Tetrachloroethene	ND	ug/L	500	110	390	
Toluene	4700	ug/L	500	100	370	
1,2,3-Trichlorobenzene	ND	ug/L	500	190	660	
1,2,4-Trichlorobenzene	ND	ug/L	500	150	520	
1,1,1-Trichloroethane	ND	ug/L	500	98	350	
1,1,2-Trichloroethane	ND	ug/L	500	98	350	
Trichloroethene	ND	ug/L	500	160	570	

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

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Customer: WRR Environmental Services Co Inc NLS Project: 278764

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 05/16/2017 17:02

Sample: 986404 RW7 Collected: 05/02/17 Analyzed: 05/09/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	11	ug/L	12.5	3.0	11	
Bromobenzene	ND	ug/L	12.5	2.9	10	
Bromochloromethane	ND	ug/L	12.5	3.1	11	
Bromodichloromethane	ND	ug/L	12.5	3.3	12	
Bromoform	ND	ug/L	12.5	2.6	9.1	
Bromomethane	ND	ug/L	12.5	3.4	12	
n-Butylbenzene	ND	ug/L	12.5	2.6	9.1	
sec-Butylbenzene	ND	ug/L	12.5	2.3	8.2	
tert-Butylbenzene	ND	ug/L	12.5	2.4	8.5	
Carbon Tetrachloride	ND	ug/L	12.5	1.9	6.9	
Chlorobenzene	ND	ug/L	12.5	3.1	11	
Chloroethane	55	ug/L	12.5	12	41	
Chloroform	ND	ug/L	12.5	2.8	9.8	
Chloromethane	ND	ug/L	12.5	2.8	9.7	
2-Chlorotoluene	ND	ug/L	12.5	3.2	11	
4-Chlorotoluene	ND	ug/L	12.5	2.6	9.1	
Dibromochloromethane	ND	ug/L	12.5	2.0	7.0	
1,2-Dibromo-3-Chloropropane	ND	ug/L	12.5	2.2	7.8	
1,2-Dibromoethane	ND	ug/L	12.5	2.9	10	
Dibromomethane	ND	ug/L	12.5	2.8	9.8	
1,2-Dichlorobenzene	ND	ug/L	12.5	2.6	9.1	
1,3-Dichlorobenzene	ND	ug/L	12.5	2.5	8.7	
1,4-Dichlorobenzene	ND	ug/L	12.5	3.4	12	
Dichlorodifluoromethane	ND	ug/L	12.5	2.1	7.3	
1,1-Dichloroethane	42	ug/L	12.5	2.4	8.3	
1,2-Dichloroethane	ND	ug/L	12.5	2.7	9.7	
1,1-Dichloroethene	ND	ug/L	12.5	2.4	8.6	
cis-1,2-Dichloroethene	[9.7]	ug/L	12.5	3.0	10	J
trans-1,2-Dichloroethene	[2.4]	ug/L	12.5	2.1	7.5	J
1,2-Dichloropropane	ND	ug/L	12.5	3.5	12	
1,3-Dichloropropane	ND	ug/L	12.5	3.0	11	
2,2-Dichloropropane	ND	ug/L	12.5	2.3	8.0	
1,1-Dichloropropene	ND	ug/L	12.5	2.5	8.7	
cis-1,3-Dichloropropene	ND	ug/L	12.5	3.2	11	
trans-1,3-Dichloropropene	ND	ug/L	12.5	2.4	8.6	
Ethylbenzene	200	ug/L	12.5	2.4	8.6	
Hexachlorobutadiene	ND	ug/L	12.5	3.8	13	
Isopropylbenzene	ND	ug/L	12.5	2.3	8.2	
p-Isopropyltoluene	ND	ug/L	12.5	2.2	7.8	
Methylene chloride	ND	ug/L	12.5	3.0	10	
Naphthalene	ND	ug/L	12.5	5.4	19	
n-Propylbenzene	ND	ug/L	12.5	2.6	9.3	
ortho-Xylene	79	ug/L	12.5	2.3	8.2	
Styrene	ND	ug/L	12.5	2.3	8.2	
1,1,1,2-Tetrachloroethane	ND	ug/L	12.5	2.5	8.8	
1,1,2,2-Tetrachloroethane	ND	ug/L	12.5	3.3	12	
Tetrachloroethene	ND	ug/L	12.5	2.8	9.8	
Toluene	44	ug/L	12.5	2.6	9.2	
1,2,3-Trichlorobenzene	ND	ug/L	12.5	4.7	17	
1,2,4-Trichlorobenzene	ND	ug/L	12.5	3.7	13	
1,1,1-Trichloroethane	ND	ug/L	12.5	2.4	8.7	
1,1,2-Trichloroethane	ND	ug/L	12.5	2.4	8.6	
Trichloroethene	ND	ug/L	12.5	4.0	14	

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

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Customer: WRR Environmental Services Co Inc NLS Project: 278764

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 05/16/2017 17:02

Sample: 986405 RW10 Collected: 05/02/17 Analyzed: 05/09/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1250	300	1100	
Bromobenzene	ND	ug/L	1250	290	1000	
Bromochloromethane	ND	ug/L	1250	310	1100	
Bromodichloromethane	ND	ug/L	1250	330	1200	
Bromoform	ND	ug/L	1250	260	910	
Bromomethane	ND	ug/L	1250	340	1200	
n-Butylbenzene	ND	ug/L	1250	260	910	
sec-Butylbenzene	ND	ug/L	1250	230	820	
tert-Butylbenzene	ND	ug/L	1250	240	850	
Carbon Tetrachloride	ND	ug/L	1250	190	690	
Chlorobenzene	ND	ug/L	1250	310	1100	
Chloroethane	ND	ug/L	1250	1200	4100	
Chloroform	ND	ug/L	1250	280	980	
Chloromethane	ND	ug/L	1250	280	970	
2-Chlorotoluene	ND	ug/L	1250	320	1100	
4-Chlorotoluene	ND	ug/L	1250	260	910	
Dibromochloromethane	ND	ug/L	1250	200	700	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1250	220	780	
1,2-Dibromoethane	ND	ug/L	1250	290	1000	
Dibromomethane	ND	ug/L	1250	280	980	
1,2-Dichlorobenzene	ND	ug/L	1250	260	910	
1,3-Dichlorobenzene	ND	ug/L	1250	250	870	
1,4-Dichlorobenzene	ND	ug/L	1250	340	1200	
Dichlorodifluoromethane	ND	ug/L	1250	210	730	
1,1-Dichloroethane	ND	ug/L	1250	240	830	
1,2-Dichloroethane	ND	ug/L	1250	270	970	
1,1-Dichloroethene	ND	ug/L	1250	240	860	
cis-1,2-Dichloroethene	[350]	ug/L	1250	300	1000	J
trans-1,2-Dichloroethene	ND	ug/L	1250	210	750	
1,2-Dichloropropane	ND	ug/L	1250	350	1200	
1,3-Dichloropropane	ND	ug/L	1250	300	1100	
2,2-Dichloropropane	ND	ug/L	1250	230	800	
1,1-Dichloropropene	ND	ug/L	1250	250	870	
cis-1,3-Dichloropropene	ND	ug/L	1250	320	1100	
trans-1,3-Dichloropropene	ND	ug/L	1250	240	860	
Ethylbenzene	1500	ug/L	1250	240	860	
Hexachlorobutadiene	ND	ug/L	1250	380	1300	
Isopropylbenzene	ND	ug/L	1250	230	820	
p-Isopropyltoluene	ND	ug/L	1250	220	780	
Methylene chloride	[410]	ug/L	1250	300	1000	J
Naphthalene	ND	ug/L	1250	540	1900	
n-Propylbenzene	ND	ug/L	1250	260	930	
ortho-Xylene	1200	ug/L	1250	230	820	
Styrene	ND	ug/L	1250	230	820	
1,1,1,2-Tetrachloroethane	ND	ug/L	1250	250	880	
1,1,2,2-Tetrachloroethane	ND	ug/L	1250	330	1200	
Tetrachloroethene	ND	ug/L	1250	280	980	
Toluene	17000	ug/L	1250	260	920	
1,2,3-Trichlorobenzene	ND	ug/L	1250	470	1700	
1,2,4-Trichlorobenzene	ND	ug/L	1250	370	1300	
1,1,1-Trichloroethane	1500	ug/L	1250	240	870	
1,1,2-Trichloroethane	ND	ug/L	1250	240	860	
Trichloroethene	[760]	ug/L	1250	400	1400	J

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

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Customer: WRR Environmental Services Co Inc NLS Project: 278764

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 05/16/2017 17:02

Sample: 986406 RW11 Collected: 05/02/17 Analyzed: 05/09/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	800	190	670	
Bromobenzene	ND	ug/L	800	190	660	
Bromochloromethane	ND	ug/L	800	200	700	
Bromodichloromethane	ND	ug/L	800	210	750	
Bromoform	ND	ug/L	800	160	580	
Bromomethane	ND	ug/L	800	220	760	
n-Butylbenzene	ND	ug/L	800	160	580	
sec-Butylbenzene	ND	ug/L	800	150	520	
tert-Butylbenzene	ND	ug/L	800	150	540	
Carbon Tetrachloride	ND	ug/L	800	120	440	
Chlorobenzene	ND	ug/L	800	200	690	
Chloroethane	ND	ug/L	800	740	2600	
Chloroform	ND	ug/L	800	180	620	
Chloromethane	ND	ug/L	800	180	620	
2-Chlorotoluene	ND	ug/L	800	200	720	
4-Chlorotoluene	ND	ug/L	800	160	580	
Dibromochloromethane	ND	ug/L	800	130	450	
1,2-Dibromo-3-Chloropropane	ND	ug/L	800	140	500	
1,2-Dibromoethane	ND	ug/L	800	180	650	
Dibromomethane	ND	ug/L	800	180	630	
1,2-Dichlorobenzene	ND	ug/L	800	160	580	
1,3-Dichlorobenzene	ND	ug/L	800	160	560	
1,4-Dichlorobenzene	ND	ug/L	800	220	760	
Dichlorodifluoromethane	ND	ug/L	800	130	470	
1,1-Dichloroethane	[270]	ug/L	800	150	530	J
1,2-Dichloroethane	ND	ug/L	800	180	620	
1,1-Dichloroethene	ND	ug/L	800	160	550	
cis-1,2-Dichloroethene	1800	ug/L	800	190	670	
trans-1,2-Dichloroethene	ND	ug/L	800	140	480	
1,2-Dichloropropane	ND	ug/L	800	220	780	
1,3-Dichloropropane	ND	ug/L	800	190	670	
2,2-Dichloropropane	ND	ug/L	800	150	510	
1,1-Dichloropropene	ND	ug/L	800	160	560	
cis-1,3-Dichloropropene	ND	ug/L	800	200	720	
trans-1,3-Dichloropropene	ND	ug/L	800	160	550	
Ethylbenzene	1200	ug/L	800	150	550	
Hexachlorobutadiene	ND	ug/L	800	240	850	
Isopropylbenzene	ND	ug/L	800	150	520	
p-Isopropyltoluene	ND	ug/L	800	140	500	
Methylene chloride	ND	ug/L	800	190	670	
Naphthalene	ND	ug/L	800	340	1200	
n-Propylbenzene	ND	ug/L	800	170	590	
ortho-Xylene	1600	ug/L	800	150	530	
Styrene	ND	ug/L	800	150	530	
1,1,1,2-Tetrachloroethane	ND	ug/L	800	160	560	
1,1,2,2-Tetrachloroethane	ND	ug/L	800	210	750	
Tetrachloroethene	ND	ug/L	800	180	630	
Toluene	11000	ug/L	800	170	590	
1,2,3-Trichlorobenzene	ND	ug/L	800	300	1100	
1,2,4-Trichlorobenzene	ND	ug/L	800	240	840	
1,1,1-Trichloroethane	1000	ug/L	800	160	550	
1,1,2-Trichloroethane	ND	ug/L	800	160	550	
Trichloroethene	ND	ug/L	800	260	920	

Customer: WRR Environmental Services Co Inc NLS Project: 278764

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 05/16/2017 17:02

Sample: 986406 RW11 Collected: 05/02/17 Analyzed: 05/09/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	800	160	570	
1,2,3-Trichloropropane	ND	ug/L	800	200	700	
1,2,4-Trimethylbenzene	[230]	ug/L	800	170	590	J
1,3,5-Trimethylbenzene	ND	ug/L	800	170	610	
Vinyl chloride	ND	ug/L	800	140	480	
meta,para-Xylene	4700	ug/L	800	300	1100	
MTBE	ND	ug/L	800	160	580	
Acetone	ND	ug/L	800	3300	10000	
Methyl ethyl ketone	1700	ug/L	800	450	1600	
4-methyl-2-pentanone	ND	ug/L	800	430	1500	
Isopropyl Ether	ND	ug/L	800	180	620	
Isopropyl Alcohol	ND	ug/L	800	3500	13000	
Dibromofluoromethane (SURR)	109%					S
Toluene-d8 (SURR)	92%					S
1-Bromo-4-Fluorobenzene (SURR)	100%					S

NOTES APPLICABLE TO THIS ANALYSIS:

J = Result enclosed in brackets is between LOD and LOQ, a region of less certain quantitation.

S = This compound is a surrogate used to evaluate the quality control of a method.

Customer: WRR Environmental Services Co Inc NLS Project: 278764

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 05/16/2017 17:02

Sample: 986407 Trip Blank Collected: 05/02/17 Analyzed: 05/09/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.24	0.84	
Bromobenzene	ND	ug/L	1	0.23	0.82	
Bromochloromethane	ND	ug/L	1	0.25	0.88	
Bromodichloromethane	ND	ug/L	1	0.27	0.94	
Bromoform	ND	ug/L	1	0.21	0.73	
Bromomethane	ND	ug/L	1	0.27	0.96	
n-Butylbenzene	ND	ug/L	1	0.21	0.73	
sec-Butylbenzene	ND	ug/L	1	0.19	0.66	
tert-Butylbenzene	ND	ug/L	1	0.19	0.68	
Carbon Tetrachloride	ND	ug/L	1	0.16	0.55	
Chlorobenzene	ND	ug/L	1	0.25	0.87	
Chloroethane	ND	ug/L	1	0.93	3.3	
Chloroform	ND	ug/L	1	0.22	0.78	
Chloromethane	ND	ug/L	1	0.22	0.78	
2-Chlorotoluene	ND	ug/L	1	0.25	0.90	
4-Chlorotoluene	ND	ug/L	1	0.21	0.73	
Dibromochloromethane	ND	ug/L	1	0.16	0.56	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.18	0.63	
1,2-Dibromoethane	ND	ug/L	1	0.23	0.81	
Dibromomethane	ND	ug/L	1	0.22	0.78	
1,2-Dichlorobenzene	ND	ug/L	1	0.21	0.73	
1,3-Dichlorobenzene	ND	ug/L	1	0.20	0.70	
1,4-Dichlorobenzene	ND	ug/L	1	0.27	0.95	
Dichlorodifluoromethane	ND	ug/L	1	0.17	0.58	
1,1-Dichloroethane	ND	ug/L	1	0.19	0.67	
1,2-Dichloroethane	ND	ug/L	1	0.22	0.78	
1,1-Dichloroethene	ND	ug/L	1	0.20	0.69	
cis-1,2-Dichloroethene	ND	ug/L	1	0.24	0.84	
trans-1,2-Dichloroethene	ND	ug/L	1	0.17	0.60	
1,2-Dichloropropane	ND	ug/L	1	0.28	0.98	
1,3-Dichloropropane	ND	ug/L	1	0.24	0.84	
2,2-Dichloropropane	ND	ug/L	1	0.18	0.64	
1,1-Dichloropropene	ND	ug/L	1	0.20	0.70	
cis-1,3-Dichloropropene	ND	ug/L	1	0.26	0.91	
trans-1,3-Dichloropropene	ND	ug/L	1	0.19	0.69	
Ethylbenzene	ND	ug/L	1	0.19	0.69	
Hexachlorobutadiene	ND	ug/L	1	0.30	1.1	
Isopropylbenzene	ND	ug/L	1	0.19	0.65	
p-Isopropyltoluene	ND	ug/L	1	0.18	0.62	
Methylene chloride	ND	ug/L	1	0.24	0.84	
Naphthalene	ND	ug/L	1	0.43	1.5	
n-Propylbenzene	ND	ug/L	1	0.21	0.74	
ortho-Xylene	ND	ug/L	1	0.19	0.66	
Styrene	ND	ug/L	1	0.19	0.66	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.20	0.70	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.26	0.94	
Tetrachloroethene	ND	ug/L	1	0.22	0.78	
Toluene	ND	ug/L	1	0.21	0.74	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.37	1.3	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.30	1.0	
1,1,1-Trichloroethane	ND	ug/L	1	0.20	0.69	
1,1,2-Trichloroethane	ND	ug/L	1	0.20	0.69	
Trichloroethene	ND	ug/L	1	0.32	1.1	

Customer: WRR Environmental Services Co Inc NLS Project: 278764

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 05/16/2017 17:02

Sample: 986407 Trip Blank Collected: 05/02/17 Analyzed: 05/09/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.20	0.71	
1,2,3-Trichloropropane	ND	ug/L	1	0.25	0.87	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.21	0.74	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.21	0.76	
Vinyl chloride	ND	ug/L	1	0.17	0.60	
meta,para-Xylene	ND	ug/L	1	0.37	1.3	
MTBE	ND	ug/L	1	0.21	0.73	
Acetone	ND	ug/L	1	4.2	12	
Methyl ethyl ketone	ND	ug/L	1	0.57	2.0	
4-methyl-2-pentanone	ND	ug/L	1	0.54	1.9	
Isopropyl Ether	ND	ug/L	1	0.22	0.78	
Isopropyl Alcohol	ND	ug/L	1	4.4	16	
Dibromofluoromethane (SURR)	104%					S
Toluene-d8 (SURR)	97%					S
1-Bromo-4-Fluorobenzene (SURR)	109%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

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Customer: WRR Environmental Services Co Inc NLS Project: 280641

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 06/19/2017 17:19

Sample: 995877 Production Collected: 06/06/17 Analyzed: 06/08/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	4	0.95	3.4	
Bromobenzene	ND	ug/L	4	0.93	3.3	
Bromochloromethane	ND	ug/L	4	0.99	3.5	
Bromodichloromethane	ND	ug/L	4	1.1	3.8	
Bromoform	ND	ug/L	4	0.82	2.9	
Bromomethane	ND	ug/L	4	1.1	3.8	
n-Butylbenzene	ND	ug/L	4	0.82	2.9	
sec-Butylbenzene	ND	ug/L	4	0.74	2.6	
tert-Butylbenzene	ND	ug/L	4	0.76	2.7	
Carbon Tetrachloride	ND	ug/L	4	0.62	2.2	
Chlorobenzene	ND	ug/L	4	0.98	3.5	
Chloroethane	ND	ug/L	4	3.7	13	
Chloroform	ND	ug/L	4	0.88	3.1	
Chloromethane	ND	ug/L	4	0.88	3.1	
2-Chlorotoluene	ND	ug/L	4	1.0	3.6	
4-Chlorotoluene	ND	ug/L	4	0.82	2.9	
Dibromochloromethane	ND	ug/L	4	0.63	2.2	
1,2-Dibromo-3-Chloropropane	ND	ug/L	4	0.71	2.5	
1,2-Dibromoethane	ND	ug/L	4	0.92	3.3	
Dibromomethane	ND	ug/L	4	0.88	3.1	
1,2-Dichlorobenzene	ND	ug/L	4	0.82	2.9	
1,3-Dichlorobenzene	ND	ug/L	4	0.79	2.8	
1,4-Dichlorobenzene	ND	ug/L	4	1.1	3.8	
Dichlorodifluoromethane	ND	ug/L	4	0.66	2.3	
1,1-Dichloroethane	ND	ug/L	4	0.75	2.7	
1,2-Dichloroethane	ND	ug/L	4	0.88	3.1	
1,1-Dichloroethene	ND	ug/L	4	0.78	2.8	
cis-1,2-Dichloroethene	ND	ug/L	4	0.94	3.3	
trans-1,2-Dichloroethene	ND	ug/L	4	0.68	2.4	
1,2-Dichloropropane	ND	ug/L	4	1.1	3.9	
1,3-Dichloropropane	ND	ug/L	4	0.95	3.4	
2,2-Dichloropropane	ND	ug/L	4	0.73	2.6	
1,1-Dichloropropene	ND	ug/L	4	0.79	2.8	
cis-1,3-Dichloropropene	ND	ug/L	4	1.0	3.6	
trans-1,3-Dichloropropene	ND	ug/L	4	0.78	2.7	
Ethylbenzene	3.7	ug/L	4	0.77	2.7	
Hexachlorobutadiene	ND	ug/L	4	1.2	4.3	
Isopropylbenzene	ND	ug/L	4	0.74	2.6	
p-Isopropyltoluene	ND	ug/L	4	0.70	2.5	
Methylene chloride	ND	ug/L	4	0.95	3.4	
Naphthalene	ND	ug/L	4	1.7	6.1	
n-Propylbenzene	ND	ug/L	4	0.84	3.0	
ortho-Xylene	2.9	ug/L	4	0.74	2.6	
Styrene	ND	ug/L	4	0.74	2.6	
1,1,1,2-Tetrachloroethane	ND	ug/L	4	0.79	2.8	
1,1,2,2-Tetrachloroethane	ND	ug/L	4	1.1	3.7	
Tetrachloroethene	ND	ug/L	4	0.88	3.1	
Toluene	47	ug/L	4	0.83	2.9	
1,2,3-Trichlorobenzene	ND	ug/L	4	1.5	5.3	
1,2,4-Trichlorobenzene	ND	ug/L	4	1.2	4.2	
1,1,1-Trichloroethane	ND	ug/L	4	0.78	2.8	
1,1,2-Trichloroethane	ND	ug/L	4	0.78	2.8	
Trichloroethene	ND	ug/L	4	1.3	4.6	

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

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Customer: WRR Environmental Services Co Inc NLS Project: 280641

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 06/19/2017 17:19

Sample: 995878 RW6 Collected: 06/06/17 Analyzed: 06/13/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	500	120	420	
Bromobenzene	ND	ug/L	500	120	410	
Bromochloromethane	ND	ug/L	500	120	440	
Bromodichloromethane	ND	ug/L	500	130	470	
Bromoform	ND	ug/L	500	100	360	
Bromomethane	ND	ug/L	500	130	480	
n-Butylbenzene	ND	ug/L	500	100	370	
sec-Butylbenzene	ND	ug/L	500	93	330	
tert-Butylbenzene	ND	ug/L	500	96	340	
Carbon Tetrachloride	ND	ug/L	500	78	270	
Chlorobenzene	ND	ug/L	500	120	430	
Chloroethane	ND	ug/L	500	460	1600	
Chloroform	ND	ug/L	500	110	390	
Chloromethane	ND	ug/L	500	110	390	
2-Chlorotoluene	ND	ug/L	500	130	450	
4-Chlorotoluene	ND	ug/L	500	100	360	
Dibromochloromethane	ND	ug/L	500	79	280	
1,2-Dibromo-3-Chloropropane	ND	ug/L	500	89	310	
1,2-Dibromoethane	ND	ug/L	500	110	410	
Dibromomethane	ND	ug/L	500	110	390	
1,2-Dichlorobenzene	ND	ug/L	500	100	360	
1,3-Dichlorobenzene	ND	ug/L	500	99	350	
1,4-Dichlorobenzene	ND	ug/L	500	130	480	
Dichlorodifluoromethane	ND	ug/L	500	83	290	
1,1-Dichloroethane	ND	ug/L	500	94	330	
1,2-Dichloroethane	ND	ug/L	500	110	390	
1,1-Dichloroethene	ND	ug/L	500	98	350	
cis-1,2-Dichloroethene	ND	ug/L	500	120	420	
trans-1,2-Dichloroethene	ND	ug/L	500	85	300	
1,2-Dichloropropane	ND	ug/L	500	140	490	
1,3-Dichloropropane	ND	ug/L	500	120	420	
2,2-Dichloropropane	ND	ug/L	500	91	320	
1,1-Dichloropropene	ND	ug/L	500	99	350	
cis-1,3-Dichloropropene	ND	ug/L	500	130	450	
trans-1,3-Dichloropropene	ND	ug/L	500	97	340	
Ethylbenzene	710	ug/L	500	97	340	
Hexachlorobutadiene	ND	ug/L	500	150	530	
Isopropylbenzene	ND	ug/L	500	93	330	
p-Isopropyltoluene	ND	ug/L	500	88	310	
Methylene chloride	ND	ug/L	500	120	420	
Naphthalene	ND	ug/L	500	220	760	
n-Propylbenzene	ND	ug/L	500	110	370	
ortho-Xylene	400	ug/L	500	93	330	
Styrene	ND	ug/L	500	93	330	
1,1,1,2-Tetrachloroethane	ND	ug/L	500	99	350	
1,1,2,2-Tetrachloroethane	ND	ug/L	500	130	470	
Tetrachloroethene	ND	ug/L	500	110	390	
Toluene	3600	ug/L	500	100	370	
1,2,3-Trichlorobenzene	ND	ug/L	500	190	660	
1,2,4-Trichlorobenzene	ND	ug/L	500	150	520	
1,1,1-Trichloroethane	ND	ug/L	500	98	350	
1,1,2-Trichloroethane	ND	ug/L	500	98	350	
Trichloroethene	ND	ug/L	500	160	570	

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

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Customer: WRR Environmental Services Co Inc NLS Project: 280641

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 06/19/2017 17:19

Sample: 995879 RW7 Collected: 06/06/17 Analyzed: 06/13/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	[8.8]	ug/L	12.5	3.0	11	J
Bromobenzene	ND	ug/L	12.5	2.9	10	
Bromochloromethane	ND	ug/L	12.5	3.1	11	
Bromodichloromethane	ND	ug/L	12.5	3.3	12	
Bromoform	ND	ug/L	12.5	2.6	9.1	
Bromomethane	ND	ug/L	12.5	3.4	12	
n-Butylbenzene	ND	ug/L	12.5	2.6	9.1	
sec-Butylbenzene	ND	ug/L	12.5	2.3	8.2	
tert-Butylbenzene	ND	ug/L	12.5	2.4	8.5	
Carbon Tetrachloride	ND	ug/L	12.5	1.9	6.9	
Chlorobenzene	ND	ug/L	12.5	3.1	11	
Chloroethane	55	ug/L	12.5	12	41	
Chloroform	ND	ug/L	12.5	2.8	9.8	
Chloromethane	ND	ug/L	12.5	2.8	9.7	
2-Chlorotoluene	ND	ug/L	12.5	3.2	11	
4-Chlorotoluene	ND	ug/L	12.5	2.6	9.1	
Dibromochloromethane	ND	ug/L	12.5	2.0	7.0	
1,2-Dibromo-3-Chloropropane	ND	ug/L	12.5	2.2	7.8	
1,2-Dibromoethane	ND	ug/L	12.5	2.9	10	
Dibromomethane	ND	ug/L	12.5	2.8	9.8	
1,2-Dichlorobenzene	ND	ug/L	12.5	2.6	9.1	
1,3-Dichlorobenzene	ND	ug/L	12.5	2.5	8.7	
1,4-Dichlorobenzene	ND	ug/L	12.5	3.4	12	
Dichlorodifluoromethane	ND	ug/L	12.5	2.1	7.3	
1,1-Dichloroethane	39	ug/L	12.5	2.4	8.3	
1,2-Dichloroethane	ND	ug/L	12.5	2.7	9.7	
1,1-Dichloroethene	ND	ug/L	12.5	2.4	8.6	
cis-1,2-Dichloroethene	[8.3]	ug/L	12.5	3.0	10	J
trans-1,2-Dichloroethene	ND	ug/L	12.5	2.1	7.5	
1,2-Dichloropropane	ND	ug/L	12.5	3.5	12	
1,3-Dichloropropane	ND	ug/L	12.5	3.0	11	
2,2-Dichloropropane	ND	ug/L	12.5	2.3	8.0	
1,1-Dichloropropene	ND	ug/L	12.5	2.5	8.7	
cis-1,3-Dichloropropene	ND	ug/L	12.5	3.2	11	
trans-1,3-Dichloropropene	ND	ug/L	12.5	2.4	8.6	
Ethylbenzene	85	ug/L	12.5	2.4	8.6	
Hexachlorobutadiene	ND	ug/L	12.5	3.8	13	
Isopropylbenzene	ND	ug/L	12.5	2.3	8.2	
p-Isopropyltoluene	ND	ug/L	12.5	2.2	7.8	
Methylene chloride	ND	ug/L	12.5	3.0	10	
Naphthalene	ND	ug/L	12.5	5.4	19	
n-Propylbenzene	ND	ug/L	12.5	2.6	9.3	
ortho-Xylene	80	ug/L	12.5	2.3	8.2	
Styrene	ND	ug/L	12.5	2.3	8.2	
1,1,1,2-Tetrachloroethane	ND	ug/L	12.5	2.5	8.8	
1,1,2,2-Tetrachloroethane	ND	ug/L	12.5	3.3	12	
Tetrachloroethene	ND	ug/L	12.5	2.8	9.8	
Toluene	25	ug/L	12.5	2.6	9.2	
1,2,3-Trichlorobenzene	ND	ug/L	12.5	4.7	17	
1,2,4-Trichlorobenzene	ND	ug/L	12.5	3.7	13	
1,1,1-Trichloroethane	ND	ug/L	12.5	2.4	8.7	
1,1,2-Trichloroethane	ND	ug/L	12.5	2.4	8.6	
Trichloroethene	ND	ug/L	12.5	4.0	14	

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

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Customer: WRR Environmental Services Co Inc NLS Project: 280641

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 06/19/2017 17:19

Sample: 995880 RW10 Collected: 06/06/17 Analyzed: 06/13/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1250	300	1100	
Bromobenzene	ND	ug/L	1250	290	1000	
Bromochloromethane	ND	ug/L	1250	310	1100	
Bromodichloromethane	ND	ug/L	1250	330	1200	
Bromoform	ND	ug/L	1250	260	910	
Bromomethane	ND	ug/L	1250	340	1200	
n-Butylbenzene	ND	ug/L	1250	260	910	
sec-Butylbenzene	ND	ug/L	1250	230	820	
tert-Butylbenzene	ND	ug/L	1250	240	850	
Carbon Tetrachloride	ND	ug/L	1250	190	690	
Chlorobenzene	ND	ug/L	1250	310	1100	
Chloroethane	ND	ug/L	1250	1200	4100	
Chloroform	ND	ug/L	1250	280	980	
Chloromethane	ND	ug/L	1250	280	970	
2-Chlorotoluene	ND	ug/L	1250	320	1100	
4-Chlorotoluene	ND	ug/L	1250	260	910	
Dibromochloromethane	ND	ug/L	1250	200	700	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1250	220	780	
1,2-Dibromoethane	ND	ug/L	1250	290	1000	
Dibromomethane	ND	ug/L	1250	280	980	
1,2-Dichlorobenzene	ND	ug/L	1250	260	910	
1,3-Dichlorobenzene	ND	ug/L	1250	250	870	
1,4-Dichlorobenzene	ND	ug/L	1250	340	1200	
Dichlorodifluoromethane	ND	ug/L	1250	210	730	
1,1-Dichloroethane	ND	ug/L	1250	240	830	
1,2-Dichloroethane	ND	ug/L	1250	270	970	
1,1-Dichloroethene	ND	ug/L	1250	240	860	
cis-1,2-Dichloroethene	ND	ug/L	1250	300	1000	
trans-1,2-Dichloroethene	ND	ug/L	1250	210	750	
1,2-Dichloropropane	ND	ug/L	1250	350	1200	
1,3-Dichloropropane	ND	ug/L	1250	300	1100	
2,2-Dichloropropane	ND	ug/L	1250	230	800	
1,1-Dichloropropene	ND	ug/L	1250	250	870	
cis-1,3-Dichloropropene	ND	ug/L	1250	320	1100	
trans-1,3-Dichloropropene	ND	ug/L	1250	240	860	
Ethylbenzene	980	ug/L	1250	240	860	
Hexachlorobutadiene	ND	ug/L	1250	380	1300	
Isopropylbenzene	ND	ug/L	1250	230	820	
p-Isopropyltoluene	ND	ug/L	1250	220	780	
Methylene chloride	[430]	ug/L	1250	300	1000	J
Naphthalene	ND	ug/L	1250	540	1900	
n-Propylbenzene	ND	ug/L	1250	260	930	
ortho-Xylene	[810]	ug/L	1250	230	820	J
Styrene	ND	ug/L	1250	230	820	
1,1,1,2-Tetrachloroethane	ND	ug/L	1250	250	880	
1,1,2,2-Tetrachloroethane	ND	ug/L	1250	330	1200	
Tetrachloroethene	ND	ug/L	1250	280	980	
Toluene	15000	ug/L	1250	260	920	
1,2,3-Trichlorobenzene	ND	ug/L	1250	470	1700	
1,2,4-Trichlorobenzene	ND	ug/L	1250	370	1300	
1,1,1-Trichloroethane	1000	ug/L	1250	240	870	
1,1,2-Trichloroethane	ND	ug/L	1250	240	860	
Trichloroethene	[680]	ug/L	1250	400	1400	J

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

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Customer: WRR Environmental Services Co Inc NLS Project: 280641

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 06/19/2017 17:19

Sample: 995881 RW11 Collected: 06/06/17 Analyzed: 06/13/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	800	190	670	
Bromobenzene	ND	ug/L	800	190	660	
Bromochloromethane	ND	ug/L	800	200	700	
Bromodichloromethane	ND	ug/L	800	210	750	
Bromoform	ND	ug/L	800	160	580	
Bromomethane	ND	ug/L	800	220	760	
n-Butylbenzene	ND	ug/L	800	160	580	
sec-Butylbenzene	ND	ug/L	800	150	520	
tert-Butylbenzene	ND	ug/L	800	150	540	
Carbon Tetrachloride	ND	ug/L	800	120	440	
Chlorobenzene	ND	ug/L	800	200	690	
Chloroethane	ND	ug/L	800	740	2600	
Chloroform	ND	ug/L	800	180	620	
Chloromethane	ND	ug/L	800	180	620	
2-Chlorotoluene	ND	ug/L	800	200	720	
4-Chlorotoluene	ND	ug/L	800	160	580	
Dibromochloromethane	ND	ug/L	800	130	450	
1,2-Dibromo-3-Chloropropane	ND	ug/L	800	140	500	
1,2-Dibromoethane	ND	ug/L	800	180	650	
Dibromomethane	ND	ug/L	800	180	630	
1,2-Dichlorobenzene	ND	ug/L	800	160	580	
1,3-Dichlorobenzene	ND	ug/L	800	160	560	
1,4-Dichlorobenzene	ND	ug/L	800	220	760	
Dichlorodifluoromethane	ND	ug/L	800	130	470	
1,1-Dichloroethane	[200]	ug/L	800	150	530	J
1,2-Dichloroethane	ND	ug/L	800	180	620	
1,1-Dichloroethene	ND	ug/L	800	160	550	
cis-1,2-Dichloroethene	1300	ug/L	800	190	670	
trans-1,2-Dichloroethene	ND	ug/L	800	140	480	
1,2-Dichloropropane	ND	ug/L	800	220	780	
1,3-Dichloropropane	ND	ug/L	800	190	670	
2,2-Dichloropropane	ND	ug/L	800	150	510	
1,1-Dichloropropene	ND	ug/L	800	160	560	
cis-1,3-Dichloropropene	ND	ug/L	800	200	720	
trans-1,3-Dichloropropene	ND	ug/L	800	160	550	
Ethylbenzene	790	ug/L	800	150	550	
Hexachlorobutadiene	ND	ug/L	800	240	850	
Isopropylbenzene	ND	ug/L	800	150	520	
p-Isopropyltoluene	ND	ug/L	800	140	500	
Methylene chloride	ND	ug/L	800	190	670	
Naphthalene	ND	ug/L	800	340	1200	
n-Propylbenzene	ND	ug/L	800	170	590	
ortho-Xylene	860	ug/L	800	150	530	
Styrene	ND	ug/L	800	150	530	
1,1,1,2-Tetrachloroethane	ND	ug/L	800	160	560	
1,1,2,2-Tetrachloroethane	ND	ug/L	800	210	750	
Tetrachloroethene	ND	ug/L	800	180	630	
Toluene	8500	ug/L	800	170	590	
1,2,3-Trichlorobenzene	ND	ug/L	800	300	1100	
1,2,4-Trichlorobenzene	ND	ug/L	800	240	840	
1,1,1-Trichloroethane	710	ug/L	800	160	550	
1,1,2-Trichloroethane	ND	ug/L	800	160	550	
Trichloroethene	ND	ug/L	800	260	920	

Customer: WRR Environmental Services Co Inc NLS Project: 280641

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 06/19/2017 17:19

Sample: 995881 RW11 Collected: 06/06/17 Analyzed: 06/13/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	800	160	570	
1,2,3-Trichloropropane	ND	ug/L	800	200	700	
1,2,4-Trimethylbenzene	ND	ug/L	800	170	590	
1,3,5-Trimethylbenzene	ND	ug/L	800	170	610	
Vinyl chloride	ND	ug/L	800	140	480	
meta,para-Xylene	2600	ug/L	800	300	1100	
MTBE	ND	ug/L	800	160	580	
Acetone	ND	ug/L	800	3300	10000	
Methyl ethyl ketone	[1400]	ug/L	800	450	1600	J
4-methyl-2-pentanone	ND	ug/L	800	430	1500	
Isopropyl Ether	ND	ug/L	800	180	620	
Isopropyl Alcohol	ND	ug/L	800	3500	13000	
Dibromofluoromethane (SURR)	107%					S
Toluene-d8 (SURR)	101%					S
1-Bromo-4-Fluorobenzene (SURR)	104%					S

NOTES APPLICABLE TO THIS ANALYSIS:

J = Result enclosed in brackets is between LOD and LOQ, a region of less certain quantitation.

S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

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Customer: WRR Environmental Services Co Inc NLS Project: 280641

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 06/19/2017 17:19

Sample: 995882 Trip Blank Collected: 06/06/17 Analyzed: 06/13/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.24	0.84	
Bromobenzene	ND	ug/L	1	0.23	0.82	
Bromochloromethane	ND	ug/L	1	0.25	0.88	
Bromodichloromethane	ND	ug/L	1	0.27	0.94	
Bromoform	ND	ug/L	1	0.21	0.73	
Bromomethane	ND	ug/L	1	0.27	0.96	
n-Butylbenzene	ND	ug/L	1	0.21	0.73	
sec-Butylbenzene	ND	ug/L	1	0.19	0.66	
tert-Butylbenzene	ND	ug/L	1	0.19	0.68	
Carbon Tetrachloride	ND	ug/L	1	0.16	0.55	
Chlorobenzene	ND	ug/L	1	0.25	0.87	
Chloroethane	ND	ug/L	1	0.93	3.3	
Chloroform	ND	ug/L	1	0.22	0.78	
Chloromethane	ND	ug/L	1	0.22	0.78	
2-Chlorotoluene	ND	ug/L	1	0.25	0.90	
4-Chlorotoluene	ND	ug/L	1	0.21	0.73	
Dibromochloromethane	ND	ug/L	1	0.16	0.56	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.18	0.63	
1,2-Dibromoethane	ND	ug/L	1	0.23	0.81	
Dibromomethane	ND	ug/L	1	0.22	0.78	
1,2-Dichlorobenzene	ND	ug/L	1	0.21	0.73	
1,3-Dichlorobenzene	ND	ug/L	1	0.20	0.70	
1,4-Dichlorobenzene	ND	ug/L	1	0.27	0.95	
Dichlorodifluoromethane	ND	ug/L	1	0.17	0.58	
1,1-Dichloroethane	ND	ug/L	1	0.19	0.67	
1,2-Dichloroethane	ND	ug/L	1	0.22	0.78	
1,1-Dichloroethene	ND	ug/L	1	0.20	0.69	
cis-1,2-Dichloroethene	ND	ug/L	1	0.24	0.84	
trans-1,2-Dichloroethene	ND	ug/L	1	0.17	0.60	
1,2-Dichloropropane	ND	ug/L	1	0.28	0.98	
1,3-Dichloropropane	ND	ug/L	1	0.24	0.84	
2,2-Dichloropropane	ND	ug/L	1	0.18	0.64	
1,1-Dichloropropene	ND	ug/L	1	0.20	0.70	
cis-1,3-Dichloropropene	ND	ug/L	1	0.26	0.91	
trans-1,3-Dichloropropene	ND	ug/L	1	0.19	0.69	
Ethylbenzene	ND	ug/L	1	0.19	0.69	
Hexachlorobutadiene	ND	ug/L	1	0.30	1.1	
Isopropylbenzene	ND	ug/L	1	0.19	0.65	
p-Isopropyltoluene	ND	ug/L	1	0.18	0.62	
Methylene chloride	ND	ug/L	1	0.24	0.84	
Naphthalene	ND	ug/L	1	0.43	1.5	
n-Propylbenzene	ND	ug/L	1	0.21	0.74	
ortho-Xylene	ND	ug/L	1	0.19	0.66	
Styrene	ND	ug/L	1	0.19	0.66	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.20	0.70	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.26	0.94	
Tetrachloroethene	ND	ug/L	1	0.22	0.78	
Toluene	ND	ug/L	1	0.21	0.74	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.37	1.3	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.30	1.0	
1,1,1-Trichloroethane	ND	ug/L	1	0.20	0.69	
1,1,2-Trichloroethane	ND	ug/L	1	0.20	0.69	
Trichloroethene	ND	ug/L	1	0.32	1.1	

Customer: WRR Environmental Services Co Inc NLS Project: 280641

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 06/19/2017 17:19

Sample: 995882 Trip Blank Collected: 06/06/17 Analyzed: 06/13/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.20	0.71	
1,2,3-Trichloropropane	ND	ug/L	1	0.25	0.87	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.21	0.74	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.21	0.76	
Vinyl chloride	ND	ug/L	1	0.17	0.60	
meta,para-Xylene	ND	ug/L	1	0.37	1.3	
MTBE	ND	ug/L	1	0.21	0.73	
Acetone	ND	ug/L	1	4.2	12	
Methyl ethyl ketone	ND	ug/L	1	0.57	2.0	
4-methyl-2-pentanone	ND	ug/L	1	0.54	1.9	
Isopropyl Ether	ND	ug/L	1	0.22	0.78	
Isopropyl Alcohol	ND	ug/L	1	4.4	16	
Dibromofluoromethane (SURR)	112%					S
Toluene-d8 (SURR)	104%					S
1-Bromo-4-Fluorobenzene (SURR)	96%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

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Customer: WRR Environmental Services Co Inc NLS Project: 282810

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 07/19/2017 17:23

Sample: 1003280 Reservoir Collected: 07/11/17 Analyzed: 07/18/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.24	0.84	
Bromobenzene	ND	ug/L	1	0.23	0.82	
Bromochloromethane	ND	ug/L	1	0.25	0.88	
Bromodichloromethane	ND	ug/L	1	0.27	0.94	
Bromoform	ND	ug/L	1	0.21	0.73	
Bromomethane	ND	ug/L	1	0.27	0.96	
n-Butylbenzene	ND	ug/L	1	0.21	0.73	
sec-Butylbenzene	ND	ug/L	1	0.19	0.66	
tert-Butylbenzene	ND	ug/L	1	0.19	0.68	
Carbon Tetrachloride	ND	ug/L	1	0.16	0.55	
Chlorobenzene	ND	ug/L	1	0.25	0.87	
Chloroethane	ND	ug/L	1	0.93	3.3	
Chloroform	ND	ug/L	1	0.22	0.78	
Chloromethane	ND	ug/L	1	0.22	0.78	
2-Chlorotoluene	ND	ug/L	1	0.25	0.90	
4-Chlorotoluene	ND	ug/L	1	0.21	0.73	
Dibromochloromethane	ND	ug/L	1	0.16	0.56	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.18	0.63	
1,2-Dibromoethane	ND	ug/L	1	0.23	0.81	
Dibromomethane	ND	ug/L	1	0.22	0.78	
1,2-Dichlorobenzene	ND	ug/L	1	0.21	0.73	
1,3-Dichlorobenzene	ND	ug/L	1	0.20	0.70	
1,4-Dichlorobenzene	ND	ug/L	1	0.27	0.95	
Dichlorodifluoromethane	ND	ug/L	1	0.17	0.58	
1,1-Dichloroethane	ND	ug/L	1	0.19	0.67	
1,2-Dichloroethane	ND	ug/L	1	0.22	0.78	
1,1-Dichloroethene	ND	ug/L	1	0.20	0.69	
cis-1,2-Dichloroethene	ND	ug/L	1	0.24	0.84	
trans-1,2-Dichloroethene	ND	ug/L	1	0.17	0.60	
1,2-Dichloropropane	ND	ug/L	1	0.28	0.98	
1,3-Dichloropropane	ND	ug/L	1	0.24	0.84	
2,2-Dichloropropane	ND	ug/L	1	0.18	0.64	
1,1-Dichloropropene	ND	ug/L	1	0.20	0.70	
cis-1,3-Dichloropropene	ND	ug/L	1	0.26	0.91	
trans-1,3-Dichloropropene	ND	ug/L	1	0.19	0.69	
Ethylbenzene	ND	ug/L	1	0.19	0.69	
Hexachlorobutadiene	ND	ug/L	1	0.30	1.1	
Isopropylbenzene	ND	ug/L	1	0.19	0.65	
p-Isopropyltoluene	ND	ug/L	1	0.18	0.62	
Methylene chloride	ND	ug/L	1	0.24	0.84	
Naphthalene	ND	ug/L	1	0.43	1.5	
n-Propylbenzene	ND	ug/L	1	0.21	0.74	
ortho-Xylene	ND	ug/L	1	0.19	0.66	
Styrene	ND	ug/L	1	0.19	0.66	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.20	0.70	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.26	0.94	
Tetrachloroethene	ND	ug/L	1	0.22	0.78	
Toluene	ND	ug/L	1	0.21	0.74	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.37	1.3	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.30	1.0	
1,1,1-Trichloroethane	ND	ug/L	1	0.20	0.69	
1,1,2-Trichloroethane	ND	ug/L	1	0.20	0.69	
Trichloroethene	ND	ug/L	1	0.32	1.1	

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

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Customer: WRR Environmental Services Co Inc NLS Project: 282810

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 07/19/2017 17:23

Sample: 1003281 Production Collected: 07/11/17 Analyzed: 07/18/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	4	0.95	3.4	
Bromobenzene	ND	ug/L	4	0.93	3.3	
Bromochloromethane	ND	ug/L	4	0.99	3.5	
Bromodichloromethane	ND	ug/L	4	1.1	3.8	
Bromoform	ND	ug/L	4	0.82	2.9	
Bromomethane	ND	ug/L	4	1.1	3.8	
n-Butylbenzene	ND	ug/L	4	0.82	2.9	
sec-Butylbenzene	ND	ug/L	4	0.74	2.6	
tert-Butylbenzene	ND	ug/L	4	0.76	2.7	
Carbon Tetrachloride	ND	ug/L	4	0.62	2.2	
Chlorobenzene	ND	ug/L	4	0.98	3.5	
Chloroethane	ND	ug/L	4	3.7	13	
Chloroform	ND	ug/L	4	0.88	3.1	
Chloromethane	ND	ug/L	4	0.88	3.1	
2-Chlorotoluene	ND	ug/L	4	1.0	3.6	
4-Chlorotoluene	ND	ug/L	4	0.82	2.9	
Dibromochloromethane	ND	ug/L	4	0.63	2.2	
1,2-Dibromo-3-Chloropropane	ND	ug/L	4	0.71	2.5	
1,2-Dibromoethane	ND	ug/L	4	0.92	3.3	
Dibromomethane	ND	ug/L	4	0.88	3.1	
1,2-Dichlorobenzene	ND	ug/L	4	0.82	2.9	
1,3-Dichlorobenzene	ND	ug/L	4	0.79	2.8	
1,4-Dichlorobenzene	ND	ug/L	4	1.1	3.8	
Dichlorodifluoromethane	ND	ug/L	4	0.66	2.3	
1,1-Dichloroethane	ND	ug/L	4	0.75	2.7	
1,2-Dichloroethane	ND	ug/L	4	0.88	3.1	
1,1-Dichloroethene	ND	ug/L	4	0.78	2.8	
cis-1,2-Dichloroethene	ND	ug/L	4	0.94	3.3	
trans-1,2-Dichloroethene	ND	ug/L	4	0.68	2.4	
1,2-Dichloropropane	ND	ug/L	4	1.1	3.9	
1,3-Dichloropropane	ND	ug/L	4	0.95	3.4	
2,2-Dichloropropane	ND	ug/L	4	0.73	2.6	
1,1-Dichloropropene	ND	ug/L	4	0.79	2.8	
cis-1,3-Dichloropropene	ND	ug/L	4	1.0	3.6	
trans-1,3-Dichloropropene	ND	ug/L	4	0.78	2.7	
Ethylbenzene	3.5	ug/L	4	0.77	2.7	
Hexachlorobutadiene	ND	ug/L	4	1.2	4.3	
Isopropylbenzene	ND	ug/L	4	0.74	2.6	
p-Isopropyltoluene	ND	ug/L	4	0.70	2.5	
Methylene chloride	ND	ug/L	4	0.95	3.4	
Naphthalene	ND	ug/L	4	1.7	6.1	
n-Propylbenzene	ND	ug/L	4	0.84	3.0	
ortho-Xylene	2.6	ug/L	4	0.74	2.6	
Styrene	ND	ug/L	4	0.74	2.6	
1,1,1,2-Tetrachloroethane	ND	ug/L	4	0.79	2.8	
1,1,2,2-Tetrachloroethane	ND	ug/L	4	1.1	3.7	
Tetrachloroethene	ND	ug/L	4	0.88	3.1	
Toluene	46	ug/L	4	0.83	2.9	
1,2,3-Trichlorobenzene	ND	ug/L	4	1.5	5.3	
1,2,4-Trichlorobenzene	ND	ug/L	4	1.2	4.2	
1,1,1-Trichloroethane	ND	ug/L	4	0.78	2.8	
1,1,2-Trichloroethane	ND	ug/L	4	0.78	2.8	
Trichloroethene	ND	ug/L	4	1.3	4.6	

Customer: WRR Environmental Services Co Inc NLS Project: 282810

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 07/19/2017 17:23

Sample: 1003281 Production Collected: 07/11/17 Analyzed: 07/18/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	4	0.80	2.8	
1,2,3-Trichloropropane	ND	ug/L	4	0.98	3.5	
1,2,4-Trimethylbenzene	ND	ug/L	4	0.83	2.9	
1,3,5-Trimethylbenzene	ND	ug/L	4	0.85	3.0	
Vinyl chloride	ND	ug/L	4	0.68	2.4	
meta,para-Xylene	8.9	ug/L	4	1.5	5.3	
MTBE	ND	ug/L	4	0.82	2.9	
Acetone	68	ug/L	4	17	50	BD
Methyl ethyl ketone	19	ug/L	4	2.3	8.1	
4-methyl-2-pentanone	[5.3]	ug/L	4	2.1	7.6	J
Isopropyl Ether	ND	ug/L	4	0.88	3.1	
Isopropyl Alcohol	[35]	ug/L	4	18	63	J
Dibromofluoromethane (SURR)	121%					S
Toluene-d8 (SURR)	107%					S
1-Bromo-4-Fluorobenzene (SURR)	101%					S

NOTES APPLICABLE TO THIS ANALYSIS:

J = Result enclosed in brackets is between LOD and LOQ, a region of less certain quantitation.

S = This compound is a surrogate used to evaluate the quality control of a method.

BD = Compound was detected in the laboratory method blank.

Acetone detected at 7 ug/L.

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

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Customer: WRR Environmental Services Co Inc NLS Project: 282810

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 07/19/2017 17:23

Sample: 1003282 RW7 Collected: 07/11/17 Analyzed: 07/18/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	9.1	ug/L	10	2.4	8.4	
Bromobenzene	ND	ug/L	10	2.3	8.2	
Bromochloromethane	ND	ug/L	10	2.5	8.8	
Bromodichloromethane	ND	ug/L	10	2.7	9.4	
Bromoform	ND	ug/L	10	2.1	7.3	
Bromomethane	ND	ug/L	10	2.7	9.6	
n-Butylbenzene	ND	ug/L	10	2.1	7.3	
sec-Butylbenzene	ND	ug/L	10	1.9	6.6	
tert-Butylbenzene	ND	ug/L	10	1.9	6.8	
Carbon Tetrachloride	ND	ug/L	10	1.6	5.5	
Chlorobenzene	ND	ug/L	10	2.5	8.7	
Chloroethane	57	ug/L	10	9.3	33	
Chloroform	ND	ug/L	10	2.2	7.8	
Chloromethane	ND	ug/L	10	2.2	7.8	
2-Chlorotoluene	ND	ug/L	10	2.5	9.0	
4-Chlorotoluene	ND	ug/L	10	2.1	7.3	
Dibromochloromethane	ND	ug/L	10	1.6	5.6	
1,2-Dibromo-3-Chloropropane	ND	ug/L	10	1.8	6.3	
1,2-Dibromoethane	ND	ug/L	10	2.3	8.1	
Dibromomethane	ND	ug/L	10	2.2	7.8	
1,2-Dichlorobenzene	ND	ug/L	10	2.1	7.3	
1,3-Dichlorobenzene	ND	ug/L	10	2.0	7.0	
1,4-Dichlorobenzene	ND	ug/L	10	2.7	9.5	
Dichlorodifluoromethane	ND	ug/L	10	1.7	5.8	
1,1-Dichloroethane	38	ug/L	10	1.9	6.7	
1,2-Dichloroethane	ND	ug/L	10	2.2	7.8	
1,1-Dichloroethene	ND	ug/L	10	2.0	6.9	
cis-1,2-Dichloroethene	[8.0]	ug/L	10	2.4	8.4	J
trans-1,2-Dichloroethene	[1.9]	ug/L	10	1.7	6.0	J
1,2-Dichloropropane	ND	ug/L	10	2.8	9.8	
1,3-Dichloropropane	ND	ug/L	10	2.4	8.4	
2,2-Dichloropropane	ND	ug/L	10	1.8	6.4	
1,1-Dichloropropene	ND	ug/L	10	2.0	7.0	
cis-1,3-Dichloropropene	ND	ug/L	10	2.6	9.1	
trans-1,3-Dichloropropene	ND	ug/L	10	1.9	6.9	
Ethylbenzene	100	ug/L	10	1.9	6.9	
Hexachlorobutadiene	ND	ug/L	10	3.0	11	
Isopropylbenzene	ND	ug/L	10	1.9	6.5	
p-Isopropyltoluene	ND	ug/L	10	1.8	6.2	
Methylene chloride	ND	ug/L	10	2.4	8.4	
Naphthalene	ND	ug/L	10	4.3	15	
n-Propylbenzene	ND	ug/L	10	2.1	7.4	
ortho-Xylene	88	ug/L	10	1.9	6.6	
Styrene	ND	ug/L	10	1.9	6.6	
1,1,1,2-Tetrachloroethane	ND	ug/L	10	2.0	7.0	
1,1,2,2-Tetrachloroethane	ND	ug/L	10	2.6	9.4	
Tetrachloroethene	ND	ug/L	10	2.2	7.8	
Toluene	27	ug/L	10	2.1	7.4	
1,2,3-Trichlorobenzene	ND	ug/L	10	3.7	13	
1,2,4-Trichlorobenzene	ND	ug/L	10	3.0	10	
1,1,1-Trichloroethane	ND	ug/L	10	2.0	6.9	
1,1,2-Trichloroethane	ND	ug/L	10	2.0	6.9	
Trichloroethene	ND	ug/L	10	3.2	11	

Customer: WRR Environmental Services Co Inc NLS Project: 282810

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 07/19/2017 17:23

Sample: 1003282 RW7 Collected: 07/11/17 Analyzed: 07/18/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	10	2.0	7.1	
1,2,3-Trichloropropane	ND	ug/L	10	2.5	8.7	
1,2,4-Trimethylbenzene	[6.5]	ug/L	10	2.1	7.4	J
1,3,5-Trimethylbenzene	ND	ug/L	10	2.1	7.6	
Vinyl chloride	19	ug/L	10	1.7	6.0	
meta,para-Xylene	270	ug/L	10	3.7	13	
MTBE	ND	ug/L	10	2.1	7.3	
Acetone	ND	ug/L	10	42	120	
Methyl ethyl ketone	ND	ug/L	10	5.7	20	
4-methyl-2-pentanone	ND	ug/L	10	5.4	19	
Isopropyl Ether	[4.7]	ug/L	10	2.2	7.8	J
Isopropyl Alcohol	ND	ug/L	10	44	160	
Dibromofluoromethane (SURR)	116%					S
Toluene-d8 (SURR)	112%					S
1-Bromo-4-Fluorobenzene (SURR)	96%					S

NOTES APPLICABLE TO THIS ANALYSIS:

J = Result enclosed in brackets is between LOD and LOQ, a region of less certain quantitation.

S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

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Customer: WRR Environmental Services Co Inc NLS Project: 282810

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 07/19/2017 17:23

Sample: 1003283 RW10 Collected: 07/11/17 Analyzed: 07/18/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1250	300	1100	
Bromobenzene	ND	ug/L	1250	290	1000	
Bromochloromethane	ND	ug/L	1250	310	1100	
Bromodichloromethane	ND	ug/L	1250	330	1200	
Bromoform	ND	ug/L	1250	260	910	
Bromomethane	ND	ug/L	1250	340	1200	
n-Butylbenzene	ND	ug/L	1250	260	910	
sec-Butylbenzene	ND	ug/L	1250	230	820	
tert-Butylbenzene	ND	ug/L	1250	240	850	
Carbon Tetrachloride	ND	ug/L	1250	190	690	
Chlorobenzene	ND	ug/L	1250	310	1100	
Chloroethane	ND	ug/L	1250	1200	4100	
Chloroform	ND	ug/L	1250	280	980	
Chloromethane	ND	ug/L	1250	280	970	
2-Chlorotoluene	ND	ug/L	1250	320	1100	
4-Chlorotoluene	ND	ug/L	1250	260	910	
Dibromochloromethane	ND	ug/L	1250	200	700	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1250	220	780	
1,2-Dibromoethane	ND	ug/L	1250	290	1000	
Dibromomethane	ND	ug/L	1250	280	980	
1,2-Dichlorobenzene	ND	ug/L	1250	260	910	
1,3-Dichlorobenzene	ND	ug/L	1250	250	870	
1,4-Dichlorobenzene	ND	ug/L	1250	340	1200	
Dichlorodifluoromethane	ND	ug/L	1250	210	730	
1,1-Dichloroethane	ND	ug/L	1250	240	830	
1,2-Dichloroethane	ND	ug/L	1250	270	970	
1,1-Dichloroethene	ND	ug/L	1250	240	860	
cis-1,2-Dichloroethene	ND	ug/L	1250	300	1000	
trans-1,2-Dichloroethene	ND	ug/L	1250	210	750	
1,2-Dichloropropane	ND	ug/L	1250	350	1200	
1,3-Dichloropropane	ND	ug/L	1250	300	1100	
2,2-Dichloropropane	ND	ug/L	1250	230	800	
1,1-Dichloropropene	ND	ug/L	1250	250	870	
cis-1,3-Dichloropropene	ND	ug/L	1250	320	1100	
trans-1,3-Dichloropropene	ND	ug/L	1250	240	860	
Ethylbenzene	970	ug/L	1250	240	860	
Hexachlorobutadiene	ND	ug/L	1250	380	1300	
Isopropylbenzene	ND	ug/L	1250	230	820	
p-Isopropyltoluene	ND	ug/L	1250	220	780	
Methylene chloride	[370]	ug/L	1250	300	1000	J
Naphthalene	ND	ug/L	1250	540	1900	
n-Propylbenzene	ND	ug/L	1250	260	930	
ortho-Xylene	[740]	ug/L	1250	230	820	J
Styrene	ND	ug/L	1250	230	820	
1,1,1,2-Tetrachloroethane	ND	ug/L	1250	250	880	
1,1,2,2-Tetrachloroethane	ND	ug/L	1250	330	1200	
Tetrachloroethene	ND	ug/L	1250	280	980	
Toluene	14000	ug/L	1250	260	920	
1,2,3-Trichlorobenzene	ND	ug/L	1250	470	1700	
1,2,4-Trichlorobenzene	ND	ug/L	1250	370	1300	
1,1,1-Trichloroethane	1100	ug/L	1250	240	870	
1,1,2-Trichloroethane	ND	ug/L	1250	240	860	
Trichloroethene	[730]	ug/L	1250	400	1400	J

Customer: WRR Environmental Services Co Inc NLS Project: 282810

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 07/19/2017 17:23

Sample: 1003283 RW10 Collected: 07/11/17 Analyzed: 07/18/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1250	250	880	
1,2,3-Trichloropropane	ND	ug/L	1250	310	1100	
1,2,4-Trimethylbenzene	ND	ug/L	1250	260	920	
1,3,5-Trimethylbenzene	ND	ug/L	1250	270	950	
Vinyl chloride	ND	ug/L	1250	210	750	
meta,para-Xylene	2600	ug/L	1250	460	1600	
MTBE	ND	ug/L	1250	260	910	
Acetone	30000	ug/L	1250	5200	16000	BD
Methyl ethyl ketone	30000	ug/L	1250	710	2500	
4-methyl-2-pentanone	[990]	ug/L	1250	670	2400	J
Isopropyl Ether	ND	ug/L	1250	280	980	
Isopropyl Alcohol	[9500]	ug/L	1250	5500	20000	J
Dibromofluoromethane (SURR)	115%					S
Toluene-d8 (SURR)	114%					S
1-Bromo-4-Fluorobenzene (SURR)	103%					S

NOTES APPLICABLE TO THIS ANALYSIS:

J = Result enclosed in brackets is between LOD and LOQ, a region of less certain quantitation.

S = This compound is a surrogate used to evaluate the quality control of a method.

BD = Compound was detected in the laboratory method blank.

Acetone detected at 7 ug/L.

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

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Customer: WRR Environmental Services Co Inc NLS Project: 282810

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 07/19/2017 17:23

Sample: 1003284 RW11 Collected: 07/11/17 Analyzed: 07/18/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	800	190	670	
Bromobenzene	ND	ug/L	800	190	660	
Bromochloromethane	ND	ug/L	800	200	700	
Bromodichloromethane	ND	ug/L	800	210	750	
Bromoform	ND	ug/L	800	160	580	
Bromomethane	ND	ug/L	800	220	760	
n-Butylbenzene	ND	ug/L	800	160	580	
sec-Butylbenzene	ND	ug/L	800	150	520	
tert-Butylbenzene	ND	ug/L	800	150	540	
Carbon Tetrachloride	ND	ug/L	800	120	440	
Chlorobenzene	ND	ug/L	800	200	690	
Chloroethane	ND	ug/L	800	740	2600	
Chloroform	ND	ug/L	800	180	620	
Chloromethane	ND	ug/L	800	180	620	
2-Chlorotoluene	ND	ug/L	800	200	720	
4-Chlorotoluene	ND	ug/L	800	160	580	
Dibromochloromethane	ND	ug/L	800	130	450	
1,2-Dibromo-3-Chloropropane	ND	ug/L	800	140	500	
1,2-Dibromoethane	ND	ug/L	800	180	650	
Dibromomethane	ND	ug/L	800	180	630	
1,2-Dichlorobenzene	ND	ug/L	800	160	580	
1,3-Dichlorobenzene	ND	ug/L	800	160	560	
1,4-Dichlorobenzene	ND	ug/L	800	220	760	
Dichlorodifluoromethane	ND	ug/L	800	130	470	
1,1-Dichloroethane	[270]	ug/L	800	150	530	J
1,2-Dichloroethane	ND	ug/L	800	180	620	
1,1-Dichloroethene	ND	ug/L	800	160	550	
cis-1,2-Dichloroethene	1800	ug/L	800	190	670	
trans-1,2-Dichloroethene	ND	ug/L	800	140	480	
1,2-Dichloropropane	ND	ug/L	800	220	780	
1,3-Dichloropropane	ND	ug/L	800	190	670	
2,2-Dichloropropane	ND	ug/L	800	150	510	
1,1-Dichloropropene	ND	ug/L	800	160	560	
cis-1,3-Dichloropropene	ND	ug/L	800	200	720	
trans-1,3-Dichloropropene	ND	ug/L	800	160	550	
Ethylbenzene	990	ug/L	800	150	550	
Hexachlorobutadiene	ND	ug/L	800	240	850	
Isopropylbenzene	ND	ug/L	800	150	520	
p-Isopropyltoluene	ND	ug/L	800	140	500	
Methylene chloride	ND	ug/L	800	190	670	
Naphthalene	ND	ug/L	800	340	1200	
n-Propylbenzene	ND	ug/L	800	170	590	
ortho-Xylene	1100	ug/L	800	150	530	
Styrene	ND	ug/L	800	150	530	
1,1,1,2-Tetrachloroethane	ND	ug/L	800	160	560	
1,1,2,2-Tetrachloroethane	ND	ug/L	800	210	750	
Tetrachloroethene	ND	ug/L	800	180	630	
Toluene	10000	ug/L	800	170	590	
1,2,3-Trichlorobenzene	ND	ug/L	800	300	1100	
1,2,4-Trichlorobenzene	ND	ug/L	800	240	840	
1,1,1-Trichloroethane	960	ug/L	800	160	550	
1,1,2-Trichloroethane	ND	ug/L	800	160	550	
Trichloroethene	ND	ug/L	800	260	920	

Customer: WRR Environmental Services Co Inc NLS Project: 282810

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 07/19/2017 17:23

Sample: 1003284 RW11 Collected: 07/11/17 Analyzed: 07/18/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	800	160	570	
1,2,3-Trichloropropane	ND	ug/L	800	200	700	
1,2,4-Trimethylbenzene	ND	ug/L	800	170	590	
1,3,5-Trimethylbenzene	ND	ug/L	800	170	610	
Vinyl chloride	ND	ug/L	800	140	480	
meta,para-Xylene	3200	ug/L	800	300	1100	
MTBE	ND	ug/L	800	160	580	
Acetone	ND	ug/L	800	3300	10000	
Methyl ethyl ketone	[1400]	ug/L	800	450	1600	J
4-methyl-2-pentanone	ND	ug/L	800	430	1500	
Isopropyl Ether	ND	ug/L	800	180	620	
Isopropyl Alcohol	ND	ug/L	800	3500	13000	
Dibromofluoromethane (SURR)	120%					S
Toluene-d8 (SURR)	117%					S
1-Bromo-4-Fluorobenzene (SURR)	100%					S

NOTES APPLICABLE TO THIS ANALYSIS:

J = Result enclosed in brackets is between LOD and LOQ, a region of less certain quantitation.

S = This compound is a surrogate used to evaluate the quality control of a method.

Customer: WRR Environmental Services Co Inc NLS Project: 282810

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 07/19/2017 17:23

Sample: 1003285 Trip Blank Collected: 07/11/17 Analyzed: 07/18/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Benzene	ND	ug/L	1	0.24	0.84	
Bromobenzene	ND	ug/L	1	0.23	0.82	
Bromochloromethane	ND	ug/L	1	0.25	0.88	
Bromodichloromethane	ND	ug/L	1	0.27	0.94	
Bromoform	ND	ug/L	1	0.21	0.73	
Bromomethane	ND	ug/L	1	0.27	0.96	
n-Butylbenzene	ND	ug/L	1	0.21	0.73	
sec-Butylbenzene	ND	ug/L	1	0.19	0.66	
tert-Butylbenzene	ND	ug/L	1	0.19	0.68	
Carbon Tetrachloride	ND	ug/L	1	0.16	0.55	
Chlorobenzene	ND	ug/L	1	0.25	0.87	
Chloroethane	ND	ug/L	1	0.93	3.3	
Chloroform	ND	ug/L	1	0.22	0.78	
Chloromethane	ND	ug/L	1	0.22	0.78	
2-Chlorotoluene	ND	ug/L	1	0.25	0.90	
4-Chlorotoluene	ND	ug/L	1	0.21	0.73	
Dibromochloromethane	ND	ug/L	1	0.16	0.56	
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.18	0.63	
1,2-Dibromoethane	ND	ug/L	1	0.23	0.81	
Dibromomethane	ND	ug/L	1	0.22	0.78	
1,2-Dichlorobenzene	ND	ug/L	1	0.21	0.73	
1,3-Dichlorobenzene	ND	ug/L	1	0.20	0.70	
1,4-Dichlorobenzene	ND	ug/L	1	0.27	0.95	
Dichlorodifluoromethane	ND	ug/L	1	0.17	0.58	
1,1-Dichloroethane	ND	ug/L	1	0.19	0.67	
1,2-Dichloroethane	ND	ug/L	1	0.22	0.78	
1,1-Dichloroethene	ND	ug/L	1	0.20	0.69	
cis-1,2-Dichloroethene	ND	ug/L	1	0.24	0.84	
trans-1,2-Dichloroethene	ND	ug/L	1	0.17	0.60	
1,2-Dichloropropane	ND	ug/L	1	0.28	0.98	
1,3-Dichloropropane	ND	ug/L	1	0.24	0.84	
2,2-Dichloropropane	ND	ug/L	1	0.18	0.64	
1,1-Dichloropropene	ND	ug/L	1	0.20	0.70	
cis-1,3-Dichloropropene	ND	ug/L	1	0.26	0.91	
trans-1,3-Dichloropropene	ND	ug/L	1	0.19	0.69	
Ethylbenzene	ND	ug/L	1	0.19	0.69	
Hexachlorobutadiene	ND	ug/L	1	0.30	1.1	
Isopropylbenzene	ND	ug/L	1	0.19	0.65	
p-Isopropyltoluene	ND	ug/L	1	0.18	0.62	
Methylene chloride	ND	ug/L	1	0.24	0.84	
Naphthalene	ND	ug/L	1	0.43	1.5	
n-Propylbenzene	ND	ug/L	1	0.21	0.74	
ortho-Xylene	ND	ug/L	1	0.19	0.66	
Styrene	ND	ug/L	1	0.19	0.66	
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.20	0.70	
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.26	0.94	
Tetrachloroethene	ND	ug/L	1	0.22	0.78	
Toluene	ND	ug/L	1	0.21	0.74	
1,2,3-Trichlorobenzene	ND	ug/L	1	0.37	1.3	
1,2,4-Trichlorobenzene	ND	ug/L	1	0.30	1.0	
1,1,1-Trichloroethane	ND	ug/L	1	0.20	0.69	
1,1,2-Trichloroethane	ND	ug/L	1	0.20	0.69	
Trichloroethene	ND	ug/L	1	0.32	1.1	

ANALYTICAL RESULTS: VOC's by P&T/GCMS - Water - (VarSat2000)

Customer: WRR Environmental Services Co Inc NLS Project: 282810

Project Description: Wastewater

Project Title: Template: SATWRRL Printed: 07/19/2017 17:23

Sample: 1003285 Trip Blank Collected: 07/11/17 Analyzed: 07/18/17 - Analytes: 65

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Trichlorofluoromethane	ND	ug/L	1	0.20	0.71	
1,2,3-Trichloropropane	ND	ug/L	1	0.25	0.87	
1,2,4-Trimethylbenzene	ND	ug/L	1	0.21	0.74	
1,3,5-Trimethylbenzene	ND	ug/L	1	0.21	0.76	
Vinyl chloride	ND	ug/L	1	0.17	0.60	
meta,para-Xylene	ND	ug/L	1	0.37	1.3	
MTBE	ND	ug/L	1	0.21	0.73	
Acetone	ND	ug/L	1	4.2	12	
Methyl ethyl ketone	ND	ug/L	1	0.57	2.0	
4-methyl-2-pentanone	ND	ug/L	1	0.54	1.9	
Isopropyl Ether	ND	ug/L	1	0.22	0.78	
Isopropyl Alcohol	ND	ug/L	1	4.4	16	
Dibromofluoromethane (SURR)	119%					S
Toluene-d8 (SURR)	99%					S
1-Bromo-4-Fluorobenzene (SURR)	100%					S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

APPENDIX B

**LABORATORY REPORTS AND CHAIN OF CUSTODY RECORDS FOR
SVE EXHAUST SAMPLES (MARCH THROUGH JUNE 2017)**

May 31, 2017

The Analytical Results & QA/QC
Data included with this report were
reviewed and approved by AWM
on 05/31/17.

Tony Miller
Gannett Fleming
8025 Excelsior Drive
Madison, WI 53717

RE: Project: 55929.005 WRR
Pace Project No.: 40150306

Dear Tony Miller:

Enclosed are the analytical results for sample(s) received by the laboratory on May 19, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Chelsea Payne, Gannett Fleming Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 55929.005 WRR

Pace Project No.: 40150306

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: 55929.005 WRR

Pace Project No.: 40150306

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40150306001	W-17A	Water	05/16/17 14:25	05/19/17 10:05
40150306002	W-17A DUP	Water	05/16/17 14:30	05/19/17 10:05
40150306003	W-17B	Water	05/16/17 14:30	05/19/17 10:05
40150306004	W-18	Water	05/16/17 15:15	05/19/17 10:05
40150306005	W-18A	Water	05/16/17 15:40	05/19/17 10:05
40150306006	W-19R	Water	05/16/17 16:25	05/19/17 10:05
40150306007	W-19R DUP	Water	05/16/17 16:25	05/19/17 10:05
40150306008	W-22	Water	05/16/17 15:20	05/19/17 10:05
40150306009	W-26	Water	05/16/17 18:45	05/19/17 10:05
40150306010	W-27	Water	05/16/17 13:40	05/19/17 10:05
40150306011	W-28	Water	05/16/17 14:30	05/19/17 10:05
40150306012	W-29	Water	05/16/17 17:00	05/19/17 10:05
40150306013	W-30A	Water	05/16/17 16:20	05/19/17 10:05
40150306014	W-30B	Water	05/16/17 16:05	05/19/17 10:05
40150306015	MW-106	Water	05/16/17 18:05	05/19/17 10:05
40150306016	MW-106A	Water	05/16/17 17:50	05/19/17 10:05
40150306017	MW-111	Water	05/16/17 12:35	05/19/17 10:05
40150306018	MW-111A	Water	05/16/17 13:05	05/19/17 10:05
40150306019	MW-111B	Water	05/16/17 12:40	05/19/17 10:05
40150306020	MW-112	Water	05/16/17 13:30	05/19/17 10:05
40150306021	MW-112A	Water	05/16/17 13:40	05/19/17 10:05
40150306022	MW-112B	Water	05/16/17 13:15	05/19/17 10:05
40150306023	MW-114	Water	05/16/17 17:00	05/19/17 10:05
40150306024	MW-114A	Water	05/16/17 17:35	05/19/17 10:05
40150306025	MW-114B	Water	05/16/17 17:10	05/19/17 10:05
40150306026	MW-116	Water	05/16/17 15:15	05/19/17 10:05
40150306027	SEEP 2N	Water	05/16/17 11:25	05/19/17 10:05
40150306028	SEEP 2N DUP	Water	05/16/17 11:25	05/19/17 10:05
40150306029	SEEP 7N	Water	05/16/17 11:35	05/19/17 10:05
40150306030	SEEP 8N	Water	05/16/17 11:45	05/19/17 10:05
40150306031	FIELD BLANK	Water	05/16/17 12:15	05/19/17 10:05
40150306032	METHOD BLANK	Water	05/16/17 17:15	05/19/17 10:05
40150306033	TRIP BLANK	Water	05/16/17 00:00	05/19/17 10:05

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 55929.005 WRR
Pace Project No.: 40150306

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40150306001	W-17A	EPA 8260	HNW	69
40150306002	W-17A DUP	EPA 8260	HNW	69
40150306003	W-17B	EPA 8260	HNW	69
40150306004	W-18	EPA 8260	HNW	69
40150306005	W-18A	EPA 8260	HNW	69
40150306006	W-19R	EPA 8260	HNW	69
40150306007	W-19R DUP	EPA 8260	HNW	69
40150306008	W-22	EPA 8260	HNW	69
40150306009	W-26	EPA 8260	HNW	69
40150306010	W-27	EPA 8260	HNW	69
40150306011	W-28	EPA 8260	HNW	69
40150306012	W-29	EPA 8260	HNW	69
40150306013	W-30A	EPA 8260	HNW	69
40150306014	W-30B	EPA 8260	HNW	69
40150306015	MW-106	EPA 8260	HNW	69
40150306016	MW-106A	EPA 8260	HNW	69
40150306017	MW-111	EPA 8260	HNW	69
40150306018	MW-111A	EPA 8260	LAP	69
40150306019	MW-111B	EPA 8260	HNW	69
40150306020	MW-112	EPA 8260	HNW	69
40150306021	MW-112A	EPA 8260	MDS	69
40150306022	MW-112B	EPA 8260	MDS	69
40150306023	MW-114	EPA 8260	MDS	69
40150306024	MW-114A	EPA 8260	MDS	69
40150306025	MW-114B	EPA 8260	LAP	69
40150306026	MW-116	EPA 8260	LAP	69
40150306027	SEEP 2N	EPA 8260	LAP	69
40150306028	SEEP 2N DUP	EPA 8260	LAP	69
40150306029	SEEP 7N	EPA 8260	LAP	69
40150306030	SEEP 8N	EPA 8260	LAP	69
40150306031	FIELD BLANK	EPA 8260	LAP	69
40150306032	METHOD BLANK	EPA 8260	LAP	69
40150306033	TRIP BLANK	EPA 8260	LAP	69

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 55929.005 WRR

Pace Project No.: 40150306

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40150306001	W-17A					
EPA 8260	1,1-Dichloroethane	92.7	ug/L	10.0	05/25/17 10:48	
EPA 8260	1,2-Dichloroethane	17.4	ug/L	10.0	05/25/17 10:48	
EPA 8260	2-Butanone (MEK)	88.0J	ug/L	200	05/25/17 10:48	
EPA 8260	2-Propanol	575J	ug/L	2500	05/25/17 10:48	
EPA 8260	4-Methyl-2-pentanone (MIBK)	63.7	ug/L	50.0	05/25/17 10:48	
EPA 8260	Acetone	363	ug/L	200	05/25/17 10:48	
EPA 8260	Benzene	9.8J	ug/L	10.0	05/25/17 10:48	
EPA 8260	Chloroethane	1050	ug/L	10.0	05/25/17 10:48	
EPA 8260	Toluene	482	ug/L	10.0	05/25/17 10:48	
EPA 8260	Vinyl chloride	5.3J	ug/L	10.0	05/25/17 10:48	
EPA 8260	cis-1,2-Dichloroethene	2.9J	ug/L	10.0	05/25/17 10:48	
EPA 8260	o-Xylene	6.8J	ug/L	10.0	05/25/17 10:48	
EPA 8260	trans-1,2-Dichloroethene	42.4	ug/L	10.0	05/25/17 10:48	
40150306002	W-17A DUP					
EPA 8260	1,1-Dichloroethane	130	ug/L	10.0	05/25/17 15:07	
EPA 8260	1,2-Dichloroethane	27.1	ug/L	10.0	05/25/17 15:07	
EPA 8260	1,2-Dichloropropane	6.0J	ug/L	10.0	05/25/17 15:07	
EPA 8260	2-Butanone (MEK)	132J	ug/L	200	05/25/17 15:07	
EPA 8260	2-Propanol	769J	ug/L	2500	05/25/17 15:07	
EPA 8260	4-Methyl-2-pentanone (MIBK)	95.0	ug/L	50.0	05/25/17 15:07	
EPA 8260	Acetone	609	ug/L	200	05/25/17 15:07	
EPA 8260	Benzene	9.5J	ug/L	10.0	05/25/17 15:07	
EPA 8260	Chloroethane	1060	ug/L	10.0	05/25/17 15:07	
EPA 8260	Ethylbenzene	5.6J	ug/L	10.0	05/25/17 15:07	
EPA 8260	Toluene	621	ug/L	10.0	05/25/17 15:07	
EPA 8260	Vinyl chloride	5.6J	ug/L	10.0	05/25/17 15:07	
EPA 8260	Xylene (Total)	20.0J	ug/L	30.0	05/25/17 15:07	
EPA 8260	cis-1,2-Dichloroethene	3.9J	ug/L	10.0	05/25/17 15:07	
EPA 8260	m&p-Xylene	10.8J	ug/L	20.0	05/25/17 15:07	
EPA 8260	o-Xylene	9.1J	ug/L	10.0	05/25/17 15:07	
EPA 8260	trans-1,2-Dichloroethene	45.3	ug/L	10.0	05/25/17 15:07	
40150306003	W-17B					
EPA 8260	1,1-Dichloroethane	0.43J	ug/L	1.0	05/25/17 11:32	
EPA 8260	Acetone	3.0J	ug/L	20.0	05/25/17 11:32	
EPA 8260	Dichlorodifluoromethane	0.69J	ug/L	1.0	05/25/17 11:32	
EPA 8260	Trichloroethene	0.98J	ug/L	1.0	05/25/17 11:32	
EPA 8260	Vinyl chloride	0.22J	ug/L	1.0	05/25/17 11:32	
EPA 8260	cis-1,2-Dichloroethene	0.39J	ug/L	1.0	05/25/17 11:32	
40150306004	W-18					
EPA 8260	Dichlorodifluoromethane	1.3	ug/L	1.0	05/25/17 11:53	
40150306005	W-18A					
EPA 8260	1,1-Dichloroethane	10.2	ug/L	1.0	05/25/17 12:15	
EPA 8260	1,2,4-Trimethylbenzene	9.6	ug/L	1.0	05/25/17 12:15	
EPA 8260	1,2-Dichlorobenzene	0.55J	ug/L	1.0	05/25/17 12:15	
EPA 8260	1,2-Dichloroethane	1.4	ug/L	1.0	05/25/17 12:15	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 55929.005 WRR
Pace Project No.: 40150306

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40150306005	W-18A					
EPA 8260	1,2-Dichloropropane	0.59J	ug/L	1.0	05/25/17 12:15	
EPA 8260	1,3,5-Trimethylbenzene	1.0	ug/L	1.0	05/25/17 12:15	
EPA 8260	Benzene	2.4	ug/L	1.0	05/25/17 12:15	
EPA 8260	Chloroethane	18.9	ug/L	1.0	05/25/17 12:15	
EPA 8260	Dichlorodifluoromethane	0.94J	ug/L	1.0	05/25/17 12:15	
EPA 8260	Ethylbenzene	85.0	ug/L	1.0	05/25/17 12:15	
EPA 8260	Isopropylbenzene (Cumene)	0.72J	ug/L	1.0	05/25/17 12:15	
EPA 8260	Methylene Chloride	1.8	ug/L	1.0	05/25/17 12:15	
EPA 8260	Toluene	5.9	ug/L	1.0	05/25/17 12:15	
EPA 8260	Vinyl chloride	1.6	ug/L	1.0	05/25/17 12:15	
EPA 8260	Xylene (Total)	196	ug/L	3.0	05/25/17 12:15	
EPA 8260	cis-1,2-Dichloroethene	1.1	ug/L	1.0	05/25/17 12:15	
EPA 8260	m&p-Xylene	148	ug/L	2.0	05/25/17 12:15	
EPA 8260	n-Propylbenzene	0.87J	ug/L	1.0	05/25/17 12:15	
EPA 8260	o-Xylene	47.9	ug/L	1.0	05/25/17 12:15	
EPA 8260	trans-1,2-Dichloroethene	1.0	ug/L	1.0	05/25/17 12:15	
40150306006	W-19R					
EPA 8260	1,2-Dichloroethane	74.6J	ug/L	100	05/25/17 15:28	
EPA 8260	4-Methyl-2-pentanone (MIBK)	366J	ug/L	500	05/25/17 15:28	
EPA 8260	Benzene	101	ug/L	100	05/25/17 15:28	
EPA 8260	Chloroethane	533	ug/L	100	05/25/17 15:28	
EPA 8260	Ethylbenzene	497	ug/L	100	05/25/17 15:28	
EPA 8260	Toluene	22500	ug/L	100	05/25/17 15:28	
EPA 8260	Xylene (Total)	1060	ug/L	300	05/25/17 15:28	
EPA 8260	m&p-Xylene	668	ug/L	200	05/25/17 15:28	
EPA 8260	o-Xylene	390	ug/L	100	05/25/17 15:28	
40150306007	W-19R DUP					
EPA 8260	1,2-Dichloroethane	75.4J	ug/L	100	05/25/17 11:10	
EPA 8260	4-Methyl-2-pentanone (MIBK)	461J	ug/L	500	05/25/17 11:10	
EPA 8260	Benzene	105	ug/L	100	05/25/17 11:10	
EPA 8260	Chloroethane	564	ug/L	100	05/25/17 11:10	
EPA 8260	Ethylbenzene	486	ug/L	100	05/25/17 11:10	
EPA 8260	Toluene	23000	ug/L	100	05/25/17 11:10	
EPA 8260	Xylene (Total)	1050	ug/L	300	05/25/17 11:10	
EPA 8260	m&p-Xylene	666	ug/L	200	05/25/17 11:10	
EPA 8260	o-Xylene	387	ug/L	100	05/25/17 11:10	
40150306008	W-22					
EPA 8260	1,1-Dichloroethane	13.3	ug/L	1.0	05/25/17 12:36	
EPA 8260	1,1-Dichloroethene	0.82J	ug/L	1.0	05/25/17 12:36	
EPA 8260	1,2-Dichloroethane	0.58J	ug/L	1.0	05/25/17 12:36	
EPA 8260	1,2-Dichloropropane	0.61J	ug/L	1.0	05/25/17 12:36	
EPA 8260	Acetone	3.7J	ug/L	20.0	05/25/17 12:36	
EPA 8260	Benzene	0.70J	ug/L	1.0	05/25/17 12:36	
EPA 8260	Chloroethane	73.3	ug/L	1.0	05/25/17 12:36	
EPA 8260	Dichlorodifluoromethane	2.8	ug/L	1.0	05/25/17 12:36	
EPA 8260	Ethylbenzene	8.8	ug/L	1.0	05/25/17 12:36	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 55929.005 WRR

Pace Project No.: 40150306

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40150306008	W-22					
EPA 8260	Methylene Chloride	2.8	ug/L	1.0	05/25/17 12:36	
EPA 8260	Tetrachloroethene	0.52J	ug/L	1.0	05/25/17 12:36	
EPA 8260	Toluene	191	ug/L	1.0	05/25/17 12:36	
EPA 8260	Trichloroethene	3.3	ug/L	1.0	05/25/17 12:36	
EPA 8260	Vinyl chloride	15.7	ug/L	1.0	05/25/17 12:36	
EPA 8260	Xylene (Total)	33.2	ug/L	3.0	05/25/17 12:36	
EPA 8260	cis-1,2-Dichloroethene	35.7	ug/L	1.0	05/25/17 12:36	
EPA 8260	m&p-Xylene	21.2	ug/L	2.0	05/25/17 12:36	
EPA 8260	o-Xylene	12.0	ug/L	1.0	05/25/17 12:36	
EPA 8260	trans-1,2-Dichloroethene	2.4	ug/L	1.0	05/25/17 12:36	
40150306009	W-26					
EPA 8260	1,1-Dichloroethane	1.1	ug/L	1.0	05/25/17 12:58	
EPA 8260	Trichloroethene	39.7	ug/L	1.0	05/25/17 12:58	
EPA 8260	Vinyl chloride	1.4	ug/L	1.0	05/25/17 12:58	
EPA 8260	cis-1,2-Dichloroethene	8.0	ug/L	1.0	05/25/17 12:58	
EPA 8260	trans-1,2-Dichloroethene	4.7	ug/L	1.0	05/25/17 12:58	
40150306010	W-27					
EPA 8260	1,1-Dichloroethane	1.1	ug/L	1.0	05/25/17 10:28	
EPA 8260	1,1-Dichloroethene	0.56J	ug/L	1.0	05/25/17 10:28	
EPA 8260	Dichlorodifluoromethane	1.8	ug/L	1.0	05/25/17 10:28	
EPA 8260	Trichloroethene	2.7	ug/L	1.0	05/25/17 10:28	
EPA 8260	Vinyl chloride	0.85J	ug/L	1.0	05/25/17 10:28	
EPA 8260	cis-1,2-Dichloroethene	3.5	ug/L	1.0	05/25/17 10:28	
40150306013	W-30A					
EPA 8260	Toluene	0.60J	ug/L	1.0	05/25/17 14:02	
40150306014	W-30B					
EPA 8260	Toluene	1.4	ug/L	1.0	05/25/17 14:23	
40150306018	MW-111A					
EPA 8260	1,1-Dichloroethane	9.2	ug/L	5.0	05/26/17 19:20	
EPA 8260	1,2-Dichloroethane	67.7	ug/L	5.0	05/26/17 19:20	
EPA 8260	1,2-Dichloropropane	8.7	ug/L	5.0	05/26/17 19:20	
EPA 8260	Benzene	12.1	ug/L	5.0	05/26/17 19:20	
EPA 8260	Chloroethane	761	ug/L	5.0	05/26/17 19:20	
EPA 8260	Toluene	109	ug/L	5.0	05/26/17 19:20	
EPA 8260	Vinyl chloride	1.7J	ug/L	5.0	05/26/17 19:20	
EPA 8260	cis-1,2-Dichloroethene	2.1J	ug/L	5.0	05/26/17 19:20	
EPA 8260	trans-1,2-Dichloroethene	8.9	ug/L	5.0	05/26/17 19:20	
40150306019	MW-111B					
EPA 8260	1,1-Dichloroethane	5.4	ug/L	1.0	05/26/17 02:26	
EPA 8260	1,2-Dichloroethane	0.95J	ug/L	1.0	05/26/17 02:26	
EPA 8260	1,2-Dichloropropane	0.40J	ug/L	1.0	05/26/17 02:26	
EPA 8260	Chloroethane	3.5	ug/L	1.0	05/26/17 02:26	
EPA 8260	Toluene	0.71J	ug/L	1.0	05/26/17 02:26	
EPA 8260	Trichloroethene	0.56J	ug/L	1.0	05/26/17 02:26	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 55929.005 WRR

Pace Project No.: 40150306

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40150306019	MW-111B					
EPA 8260	Vinyl chloride	0.23J	ug/L	1.0	05/26/17 02:26	
EPA 8260	trans-1,2-Dichloroethene	1.4	ug/L	1.0	05/26/17 02:26	
40150306020	MW-112					
EPA 8260	Chloroethane	0.88J	ug/L	1.0	05/26/17 02:48	
40150306021	MW-112A					
EPA 8260	Dichlorodifluoromethane	0.25J	ug/L	1.0	05/25/17 18:05	
40150306023	MW-114					
EPA 8260	Dichlorodifluoromethane	3.2	ug/L	1.0	05/25/17 16:47	
EPA 8260	Trichloroethene	2.0	ug/L	1.0	05/25/17 16:47	
EPA 8260	cis-1,2-Dichloroethene	0.96J	ug/L	1.0	05/25/17 16:47	
40150306024	MW-114A					
EPA 8260	1,1-Dichloroethane	1.7	ug/L	1.0	05/25/17 17:13	
EPA 8260	Dichlorodifluoromethane	0.32J	ug/L	1.0	05/25/17 17:13	
EPA 8260	Tetrachloroethene	23.0	ug/L	1.0	05/25/17 17:13	
EPA 8260	Trichloroethene	5.1	ug/L	1.0	05/25/17 17:13	
EPA 8260	cis-1,2-Dichloroethene	0.59J	ug/L	1.0	05/25/17 17:13	
40150306025	MW-114B					
EPA 8260	Toluene	0.83J	ug/L	1.0	05/24/17 12:06	
40150306027	SEEP 2N					
EPA 8260	1,1-Dichloroethane	9.9	ug/L	1.0	05/24/17 15:25	
EPA 8260	1,2-Dichloroethane	2.9	ug/L	1.0	05/24/17 15:25	
EPA 8260	Benzene	0.76J	ug/L	1.0	05/24/17 15:25	
EPA 8260	Chloroethane	20.7	ug/L	1.0	05/24/17 15:25	
EPA 8260	Toluene	2.4	ug/L	1.0	05/24/17 15:25	
EPA 8260	Trichloroethene	0.46J	ug/L	1.0	05/24/17 15:25	
EPA 8260	Vinyl chloride	0.87J	ug/L	1.0	05/24/17 15:25	
EPA 8260	cis-1,2-Dichloroethene	2.9	ug/L	1.0	05/24/17 15:25	
40150306028	SEEP 2N DUP					
EPA 8260	1,1-Dichloroethane	6.2	ug/L	1.0	05/26/17 13:41	
EPA 8260	1,2-Dichloroethane	2.2	ug/L	1.0	05/26/17 13:41	
EPA 8260	Benzene	0.54J	ug/L	1.0	05/26/17 13:41	
EPA 8260	Chloroethane	14.1	ug/L	1.0	05/26/17 13:41	
EPA 8260	Toluene	3.0	ug/L	1.0	05/26/17 13:41	
EPA 8260	Trichloroethene	0.41J	ug/L	1.0	05/26/17 13:41	
EPA 8260	Vinyl chloride	0.83J	ug/L	1.0	05/26/17 13:41	
EPA 8260	cis-1,2-Dichloroethene	1.7	ug/L	1.0	05/26/17 13:41	
EPA 8260	trans-1,2-Dichloroethene	0.32J	ug/L	1.0	05/26/17 13:41	
40150306032	METHOD BLANK					
EPA 8260	Toluene	0.77J	ug/L	1.0	05/26/17 18:50	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: W-17A Lab ID: 40150306001 Collected: 05/16/17 14:25 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<1.8	ug/L	10.0	1.8	10		05/25/17 10:48	630-20-6	
1,1,1-Trichloroethane	<5.0	ug/L	10.0	5.0	10		05/25/17 10:48	71-55-6	
1,1,2,2-Tetrachloroethane	<2.5	ug/L	10.0	2.5	10		05/25/17 10:48	79-34-5	
1,1,2-Trichloroethane	<2.0	ug/L	10.0	2.0	10		05/25/17 10:48	79-00-5	
1,1-Dichloroethane	92.7	ug/L	10.0	2.4	10		05/25/17 10:48	75-34-3	
1,1-Dichloroethene	<4.1	ug/L	10.0	4.1	10		05/25/17 10:48	75-35-4	
1,1-Dichloropropene	<4.4	ug/L	10.0	4.4	10		05/25/17 10:48	563-58-6	
1,2,3-Trichlorobenzene	<21.3	ug/L	50.0	21.3	10		05/25/17 10:48	87-61-6	
1,2,3-Trichloropropane	<5.0	ug/L	10.0	5.0	10		05/25/17 10:48	96-18-4	
1,2,4-Trichlorobenzene	<22.1	ug/L	50.0	22.1	10		05/25/17 10:48	120-82-1	
1,2,4-Trimethylbenzene	<5.0	ug/L	10.0	5.0	10		05/25/17 10:48	95-63-6	
1,2-Dibromo-3-chloropropane	<21.6	ug/L	50.0	21.6	10		05/25/17 10:48	96-12-8	
1,2-Dibromoethane (EDB)	<1.8	ug/L	10.0	1.8	10		05/25/17 10:48	106-93-4	
1,2-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		05/25/17 10:48	95-50-1	
1,2-Dichloroethane	17.4	ug/L	10.0	1.7	10		05/25/17 10:48	107-06-2	
1,2-Dichloropropane	<2.3	ug/L	10.0	2.3	10		05/25/17 10:48	78-87-5	
1,3,5-Trimethylbenzene	<5.0	ug/L	10.0	5.0	10		05/25/17 10:48	108-67-8	
1,3-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		05/25/17 10:48	541-73-1	
1,3-Dichloropropane	<5.0	ug/L	10.0	5.0	10		05/25/17 10:48	142-28-9	
1,4-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		05/25/17 10:48	106-46-7	
2,2-Dichloropropane	<4.8	ug/L	10.0	4.8	10		05/25/17 10:48	594-20-7	
2-Butanone (MEK)	88.0J	ug/L	200	29.8	10		05/25/17 10:48	78-93-3	
2-Chlorotoluene	<5.0	ug/L	10.0	5.0	10		05/25/17 10:48	95-49-8	
2-Propanol	575J	ug/L	2500	243	10		05/25/17 10:48	67-63-0	
4-Chlorotoluene	<2.1	ug/L	10.0	2.1	10		05/25/17 10:48	106-43-4	
4-Methyl-2-pentanone (MIBK)	63.7	ug/L	50.0	21.4	10		05/25/17 10:48	108-10-1	
Acetone	363	ug/L	200	29.5	10		05/25/17 10:48	67-64-1	
Benzene	9.8J	ug/L	10.0	5.0	10		05/25/17 10:48	71-43-2	
Bromobenzene	<2.3	ug/L	10.0	2.3	10		05/25/17 10:48	108-86-1	
Bromochloromethane	<3.4	ug/L	10.0	3.4	10		05/25/17 10:48	74-97-5	
Bromodichloromethane	<5.0	ug/L	10.0	5.0	10		05/25/17 10:48	75-27-4	
Bromoform	<5.0	ug/L	10.0	5.0	10		05/25/17 10:48	75-25-2	
Bromomethane	<24.3	ug/L	50.0	24.3	10		05/25/17 10:48	74-83-9	
Carbon tetrachloride	<5.0	ug/L	10.0	5.0	10		05/25/17 10:48	56-23-5	
Chlorobenzene	<5.0	ug/L	10.0	5.0	10		05/25/17 10:48	108-90-7	
Chloroethane	1050	ug/L	10.0	3.7	10		05/25/17 10:48	75-00-3	
Chloroform	<25.0	ug/L	50.0	25.0	10		05/25/17 10:48	67-66-3	
Chloromethane	<5.0	ug/L	10.0	5.0	10		05/25/17 10:48	74-87-3	
Dibromochloromethane	<5.0	ug/L	10.0	5.0	10		05/25/17 10:48	124-48-1	
Dibromomethane	<4.3	ug/L	10.0	4.3	10		05/25/17 10:48	74-95-3	
Dichlorodifluoromethane	<2.2	ug/L	10.0	2.2	10		05/25/17 10:48	75-71-8	
Diisopropyl ether	<5.0	ug/L	10.0	5.0	10		05/25/17 10:48	108-20-3	
Ethylbenzene	<5.0	ug/L	10.0	5.0	10		05/25/17 10:48	100-41-4	
Hexachloro-1,3-butadiene	<21.1	ug/L	50.0	21.1	10		05/25/17 10:48	87-68-3	
Isopropylbenzene (Cumene)	<1.4	ug/L	10.0	1.4	10		05/25/17 10:48	98-82-8	
Methyl-tert-butyl ether	<1.7	ug/L	10.0	1.7	10		05/25/17 10:48	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: W-17A **Lab ID: 40150306001** Collected: 05/16/17 14:25 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<2.3	ug/L	10.0	2.3	10		05/25/17 10:48	75-09-2	
Naphthalene	<25.0	ug/L	50.0	25.0	10		05/25/17 10:48	91-20-3	
Styrene	<5.0	ug/L	10.0	5.0	10		05/25/17 10:48	100-42-5	
Tetrachloroethene	<5.0	ug/L	10.0	5.0	10		05/25/17 10:48	127-18-4	
Toluene	482	ug/L	10.0	5.0	10		05/25/17 10:48	108-88-3	
Trichloroethene	<3.3	ug/L	10.0	3.3	10		05/25/17 10:48	79-01-6	
Trichlorofluoromethane	<1.8	ug/L	10.0	1.8	10		05/25/17 10:48	75-69-4	
Vinyl chloride	5.3J	ug/L	10.0	1.8	10		05/25/17 10:48	75-01-4	
Xylene (Total)	<15.0	ug/L	30.0	15.0	10		05/25/17 10:48	1330-20-7	
cis-1,2-Dichloroethene	2.9J	ug/L	10.0	2.6	10		05/25/17 10:48	156-59-2	
cis-1,3-Dichloropropene	<5.0	ug/L	10.0	5.0	10		05/25/17 10:48	10061-01-5	
m&p-Xylene	<10.0	ug/L	20.0	10.0	10		05/25/17 10:48	179601-23-1	
n-Butylbenzene	<5.0	ug/L	10.0	5.0	10		05/25/17 10:48	104-51-8	
n-Propylbenzene	<5.0	ug/L	10.0	5.0	10		05/25/17 10:48	103-65-1	
o-Xylene	6.8J	ug/L	10.0	5.0	10		05/25/17 10:48	95-47-6	
p-Isopropyltoluene	<5.0	ug/L	10.0	5.0	10		05/25/17 10:48	99-87-6	
sec-Butylbenzene	<21.9	ug/L	50.0	21.9	10		05/25/17 10:48	135-98-8	
tert-Butylbenzene	<1.8	ug/L	10.0	1.8	10		05/25/17 10:48	98-06-6	
trans-1,2-Dichloroethene	42.4	ug/L	10.0	2.6	10		05/25/17 10:48	156-60-5	
trans-1,3-Dichloropropene	<2.3	ug/L	10.0	2.3	10		05/25/17 10:48	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104	%	67-124		10		05/25/17 10:48	1868-53-7	HS
Toluene-d8 (S)	102	%	80-120		10		05/25/17 10:48	2037-26-5	
4-Bromofluorobenzene (S)	98	%	61-118		10		05/25/17 10:48	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: **W-17A DUP** Lab ID: **40150306002** Collected: 05/16/17 14:30 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<1.8	ug/L	10.0	1.8	10		05/25/17 15:07	630-20-6	
1,1,1-Trichloroethane	<5.0	ug/L	10.0	5.0	10		05/25/17 15:07	71-55-6	
1,1,2,2-Tetrachloroethane	<2.5	ug/L	10.0	2.5	10		05/25/17 15:07	79-34-5	
1,1,2-Trichloroethane	<2.0	ug/L	10.0	2.0	10		05/25/17 15:07	79-00-5	
1,1-Dichloroethane	130	ug/L	10.0	2.4	10		05/25/17 15:07	75-34-3	
1,1-Dichloroethene	<4.1	ug/L	10.0	4.1	10		05/25/17 15:07	75-35-4	
1,1-Dichloropropene	<4.4	ug/L	10.0	4.4	10		05/25/17 15:07	563-58-6	
1,2,3-Trichlorobenzene	<21.3	ug/L	50.0	21.3	10		05/25/17 15:07	87-61-6	
1,2,3-Trichloropropane	<5.0	ug/L	10.0	5.0	10		05/25/17 15:07	96-18-4	
1,2,4-Trichlorobenzene	<22.1	ug/L	50.0	22.1	10		05/25/17 15:07	120-82-1	
1,2,4-Trimethylbenzene	<5.0	ug/L	10.0	5.0	10		05/25/17 15:07	95-63-6	
1,2-Dibromo-3-chloropropane	<21.6	ug/L	50.0	21.6	10		05/25/17 15:07	96-12-8	
1,2-Dibromoethane (EDB)	<1.8	ug/L	10.0	1.8	10		05/25/17 15:07	106-93-4	
1,2-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		05/25/17 15:07	95-50-1	
1,2-Dichloroethane	27.1	ug/L	10.0	1.7	10		05/25/17 15:07	107-06-2	
1,2-Dichloropropane	6.0J	ug/L	10.0	2.3	10		05/25/17 15:07	78-87-5	
1,3,5-Trimethylbenzene	<5.0	ug/L	10.0	5.0	10		05/25/17 15:07	108-67-8	
1,3-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		05/25/17 15:07	541-73-1	
1,3-Dichloropropane	<5.0	ug/L	10.0	5.0	10		05/25/17 15:07	142-28-9	
1,4-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		05/25/17 15:07	106-46-7	
2,2-Dichloropropane	<4.8	ug/L	10.0	4.8	10		05/25/17 15:07	594-20-7	
2-Butanone (MEK)	132J	ug/L	200	29.8	10		05/25/17 15:07	78-93-3	
2-Chlorotoluene	<5.0	ug/L	10.0	5.0	10		05/25/17 15:07	95-49-8	
2-Propanol	769J	ug/L	2500	243	10		05/25/17 15:07	67-63-0	
4-Chlorotoluene	<2.1	ug/L	10.0	2.1	10		05/25/17 15:07	106-43-4	
4-Methyl-2-pentanone (MIBK)	95.0	ug/L	50.0	21.4	10		05/25/17 15:07	108-10-1	
Acetone	609	ug/L	200	29.5	10		05/25/17 15:07	67-64-1	
Benzene	9.5J	ug/L	10.0	5.0	10		05/25/17 15:07	71-43-2	
Bromobenzene	<2.3	ug/L	10.0	2.3	10		05/25/17 15:07	108-86-1	
Bromochloromethane	<3.4	ug/L	10.0	3.4	10		05/25/17 15:07	74-97-5	
Bromodichloromethane	<5.0	ug/L	10.0	5.0	10		05/25/17 15:07	75-27-4	
Bromoform	<5.0	ug/L	10.0	5.0	10		05/25/17 15:07	75-25-2	
Bromomethane	<24.3	ug/L	50.0	24.3	10		05/25/17 15:07	74-83-9	
Carbon tetrachloride	<5.0	ug/L	10.0	5.0	10		05/25/17 15:07	56-23-5	
Chlorobenzene	<5.0	ug/L	10.0	5.0	10		05/25/17 15:07	108-90-7	
Chloroethane	1060	ug/L	10.0	3.7	10		05/25/17 15:07	75-00-3	
Chloroform	<25.0	ug/L	50.0	25.0	10		05/25/17 15:07	67-66-3	
Chloromethane	<5.0	ug/L	10.0	5.0	10		05/25/17 15:07	74-87-3	
Dibromochloromethane	<5.0	ug/L	10.0	5.0	10		05/25/17 15:07	124-48-1	
Dibromomethane	<4.3	ug/L	10.0	4.3	10		05/25/17 15:07	74-95-3	
Dichlorodifluoromethane	<2.2	ug/L	10.0	2.2	10		05/25/17 15:07	75-71-8	
Diisopropyl ether	<5.0	ug/L	10.0	5.0	10		05/25/17 15:07	108-20-3	
Ethylbenzene	5.6J	ug/L	10.0	5.0	10		05/25/17 15:07	100-41-4	
Hexachloro-1,3-butadiene	<21.1	ug/L	50.0	21.1	10		05/25/17 15:07	87-68-3	
Isopropylbenzene (Cumene)	<1.4	ug/L	10.0	1.4	10		05/25/17 15:07	98-82-8	
Methyl-tert-butyl ether	<1.7	ug/L	10.0	1.7	10		05/25/17 15:07	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: W-17A DUP **Lab ID: 40150306002** Collected: 05/16/17 14:30 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates Analytical Method: EPA 8260									
Methylene Chloride	<2.3	ug/L	10.0	2.3	10		05/25/17 15:07	75-09-2	
Naphthalene	<25.0	ug/L	50.0	25.0	10		05/25/17 15:07	91-20-3	
Styrene	<5.0	ug/L	10.0	5.0	10		05/25/17 15:07	100-42-5	
Tetrachloroethene	<5.0	ug/L	10.0	5.0	10		05/25/17 15:07	127-18-4	
Toluene	621	ug/L	10.0	5.0	10		05/25/17 15:07	108-88-3	
Trichloroethene	<3.3	ug/L	10.0	3.3	10		05/25/17 15:07	79-01-6	
Trichlorofluoromethane	<1.8	ug/L	10.0	1.8	10		05/25/17 15:07	75-69-4	
Vinyl chloride	5.6J	ug/L	10.0	1.8	10		05/25/17 15:07	75-01-4	
Xylene (Total)	20.0J	ug/L	30.0	15.0	10		05/25/17 15:07	1330-20-7	
cis-1,2-Dichloroethene	3.9J	ug/L	10.0	2.6	10		05/25/17 15:07	156-59-2	
cis-1,3-Dichloropropene	<5.0	ug/L	10.0	5.0	10		05/25/17 15:07	10061-01-5	
m&p-Xylene	10.8J	ug/L	20.0	10.0	10		05/25/17 15:07	179601-23-1	
n-Butylbenzene	<5.0	ug/L	10.0	5.0	10		05/25/17 15:07	104-51-8	
n-Propylbenzene	<5.0	ug/L	10.0	5.0	10		05/25/17 15:07	103-65-1	
o-Xylene	9.1J	ug/L	10.0	5.0	10		05/25/17 15:07	95-47-6	
p-Isopropyltoluene	<5.0	ug/L	10.0	5.0	10		05/25/17 15:07	99-87-6	
sec-Butylbenzene	<21.9	ug/L	50.0	21.9	10		05/25/17 15:07	135-98-8	
tert-Butylbenzene	<1.8	ug/L	10.0	1.8	10		05/25/17 15:07	98-06-6	
trans-1,2-Dichloroethene	45.3	ug/L	10.0	2.6	10		05/25/17 15:07	156-60-5	
trans-1,3-Dichloropropene	<2.3	ug/L	10.0	2.3	10		05/25/17 15:07	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103	%	67-124		10		05/25/17 15:07	1868-53-7	
Toluene-d8 (S)	98	%	80-120		10		05/25/17 15:07	2037-26-5	
4-Bromofluorobenzene (S)	92	%	61-118		10		05/25/17 15:07	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: W-17B **Lab ID: 40150306003** Collected: 05/16/17 14:30 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/25/17 11:32	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/25/17 11:32	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/25/17 11:32	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/25/17 11:32	79-00-5	
1,1-Dichloroethane	0.43J	ug/L	1.0	0.24	1		05/25/17 11:32	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/25/17 11:32	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/25/17 11:32	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/25/17 11:32	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 11:32	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 11:32	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:32	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/25/17 11:32	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/25/17 11:32	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:32	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/25/17 11:32	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/25/17 11:32	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:32	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:32	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 11:32	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:32	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/25/17 11:32	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/25/17 11:32	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:32	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/25/17 11:32	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/25/17 11:32	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/25/17 11:32	108-10-1	
Acetone	3.0J	ug/L	20.0	3.0	1		05/25/17 11:32	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:32	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/25/17 11:32	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/25/17 11:32	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 11:32	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/25/17 11:32	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/25/17 11:32	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/25/17 11:32	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:32	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/25/17 11:32	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/25/17 11:32	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 11:32	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 11:32	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/25/17 11:32	74-95-3	
Dichlorodifluoromethane	0.69J	ug/L	1.0	0.22	1		05/25/17 11:32	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/25/17 11:32	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:32	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/25/17 11:32	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/25/17 11:32	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/25/17 11:32	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: W-17B **Lab ID: 40150306003** Collected: 05/16/17 14:30 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/25/17 11:32	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/25/17 11:32	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:32	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:32	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:32	108-88-3	
Trichloroethene	0.98J	ug/L	1.0	0.33	1		05/25/17 11:32	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/25/17 11:32	75-69-4	
Vinyl chloride	0.22J	ug/L	1.0	0.18	1		05/25/17 11:32	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/25/17 11:32	1330-20-7	
cis-1,2-Dichloroethene	0.39J	ug/L	1.0	0.26	1		05/25/17 11:32	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:32	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/25/17 11:32	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:32	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:32	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:32	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:32	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 11:32	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/25/17 11:32	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 11:32	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/25/17 11:32	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	98	%	67-124		1		05/25/17 11:32	1868-53-7	
Toluene-d8 (S)	101	%	80-120		1		05/25/17 11:32	2037-26-5	
4-Bromofluorobenzene (S)	95	%	61-118		1		05/25/17 11:32	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: W-18 **Lab ID: 40150306004** Collected: 05/16/17 15:15 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/25/17 11:53	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/25/17 11:53	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/25/17 11:53	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/25/17 11:53	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/25/17 11:53	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/25/17 11:53	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/25/17 11:53	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/25/17 11:53	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 11:53	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 11:53	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:53	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/25/17 11:53	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/25/17 11:53	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:53	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/25/17 11:53	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/25/17 11:53	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:53	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:53	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 11:53	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:53	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/25/17 11:53	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/25/17 11:53	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:53	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/25/17 11:53	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/25/17 11:53	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/25/17 11:53	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/25/17 11:53	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:53	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/25/17 11:53	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/25/17 11:53	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 11:53	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/25/17 11:53	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/25/17 11:53	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/25/17 11:53	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:53	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/25/17 11:53	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/25/17 11:53	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 11:53	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 11:53	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/25/17 11:53	74-95-3	
Dichlorodifluoromethane	1.3	ug/L	1.0	0.22	1		05/25/17 11:53	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/25/17 11:53	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:53	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/25/17 11:53	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/25/17 11:53	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/25/17 11:53	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: W-18 **Lab ID: 40150306004** Collected: 05/16/17 15:15 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/25/17 11:53	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/25/17 11:53	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:53	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:53	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:53	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/25/17 11:53	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/25/17 11:53	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/25/17 11:53	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/25/17 11:53	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 11:53	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:53	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/25/17 11:53	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:53	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:53	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:53	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 11:53	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 11:53	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/25/17 11:53	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 11:53	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/25/17 11:53	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103	%	67-124		1		05/25/17 11:53	1868-53-7	
Toluene-d8 (S)	98	%	80-120		1		05/25/17 11:53	2037-26-5	
4-Bromofluorobenzene (S)	94	%	61-118		1		05/25/17 11:53	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: W-18A **Lab ID: 40150306005** Collected: 05/16/17 15:40 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/25/17 12:15	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/25/17 12:15	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/25/17 12:15	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/25/17 12:15	79-00-5	
1,1-Dichloroethane	10.2	ug/L	1.0	0.24	1		05/25/17 12:15	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/25/17 12:15	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/25/17 12:15	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/25/17 12:15	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 12:15	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 12:15	120-82-1	
1,2,4-Trimethylbenzene	9.6	ug/L	1.0	0.50	1		05/25/17 12:15	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/25/17 12:15	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/25/17 12:15	106-93-4	
1,2-Dichlorobenzene	0.55J	ug/L	1.0	0.50	1		05/25/17 12:15	95-50-1	
1,2-Dichloroethane	1.4	ug/L	1.0	0.17	1		05/25/17 12:15	107-06-2	
1,2-Dichloropropane	0.59J	ug/L	1.0	0.23	1		05/25/17 12:15	78-87-5	
1,3,5-Trimethylbenzene	1.0	ug/L	1.0	0.50	1		05/25/17 12:15	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:15	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 12:15	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:15	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/25/17 12:15	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/25/17 12:15	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:15	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/25/17 12:15	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/25/17 12:15	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/25/17 12:15	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/25/17 12:15	67-64-1	
Benzene	2.4	ug/L	1.0	0.50	1		05/25/17 12:15	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/25/17 12:15	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/25/17 12:15	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 12:15	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/25/17 12:15	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/25/17 12:15	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/25/17 12:15	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:15	108-90-7	
Chloroethane	18.9	ug/L	1.0	0.37	1		05/25/17 12:15	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/25/17 12:15	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 12:15	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 12:15	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/25/17 12:15	74-95-3	
Dichlorodifluoromethane	0.94J	ug/L	1.0	0.22	1		05/25/17 12:15	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/25/17 12:15	108-20-3	
Ethylbenzene	85.0	ug/L	1.0	0.50	1		05/25/17 12:15	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/25/17 12:15	87-68-3	
Isopropylbenzene (Cumene)	0.72J	ug/L	1.0	0.14	1		05/25/17 12:15	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/25/17 12:15	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: W-18A **Lab ID: 40150306005** Collected: 05/16/17 15:40 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates Analytical Method: EPA 8260									
Methylene Chloride	1.8	ug/L	1.0	0.23	1		05/25/17 12:15	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/25/17 12:15	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:15	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:15	127-18-4	
Toluene	5.9	ug/L	1.0	0.50	1		05/25/17 12:15	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/25/17 12:15	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/25/17 12:15	75-69-4	
Vinyl chloride	1.6	ug/L	1.0	0.18	1		05/25/17 12:15	75-01-4	
Xylene (Total)	196	ug/L	3.0	1.5	1		05/25/17 12:15	1330-20-7	
cis-1,2-Dichloroethene	1.1	ug/L	1.0	0.26	1		05/25/17 12:15	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:15	10061-01-5	
m&p-Xylene	148	ug/L	2.0	1.0	1		05/25/17 12:15	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:15	104-51-8	
n-Propylbenzene	0.87J	ug/L	1.0	0.50	1		05/25/17 12:15	103-65-1	
o-Xylene	47.9	ug/L	1.0	0.50	1		05/25/17 12:15	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:15	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 12:15	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/25/17 12:15	98-06-6	
trans-1,2-Dichloroethene	1.0	ug/L	1.0	0.26	1		05/25/17 12:15	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/25/17 12:15	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101	%	67-124		1		05/25/17 12:15	1868-53-7	
Toluene-d8 (S)	100	%	80-120		1		05/25/17 12:15	2037-26-5	
4-Bromofluorobenzene (S)	99	%	61-118		1		05/25/17 12:15	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: W-19R **Lab ID: 40150306006** Collected: 05/16/17 16:25 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<18.1	ug/L	100	18.1	100		05/25/17 15:28	630-20-6	
1,1,1-Trichloroethane	<50.0	ug/L	100	50.0	100		05/25/17 15:28	71-55-6	
1,1,2,2-Tetrachloroethane	<24.9	ug/L	100	24.9	100		05/25/17 15:28	79-34-5	
1,1,2-Trichloroethane	<19.7	ug/L	100	19.7	100		05/25/17 15:28	79-00-5	
1,1-Dichloroethane	<24.2	ug/L	100	24.2	100		05/25/17 15:28	75-34-3	
1,1-Dichloroethene	<41.0	ug/L	100	41.0	100		05/25/17 15:28	75-35-4	
1,1-Dichloropropene	<44.1	ug/L	100	44.1	100		05/25/17 15:28	563-58-6	
1,2,3-Trichlorobenzene	<213	ug/L	500	213	100		05/25/17 15:28	87-61-6	
1,2,3-Trichloropropane	<50.0	ug/L	100	50.0	100		05/25/17 15:28	96-18-4	
1,2,4-Trichlorobenzene	<221	ug/L	500	221	100		05/25/17 15:28	120-82-1	
1,2,4-Trimethylbenzene	<50.0	ug/L	100	50.0	100		05/25/17 15:28	95-63-6	
1,2-Dibromo-3-chloropropane	<216	ug/L	500	216	100		05/25/17 15:28	96-12-8	
1,2-Dibromoethane (EDB)	<17.8	ug/L	100	17.8	100		05/25/17 15:28	106-93-4	
1,2-Dichlorobenzene	<50.0	ug/L	100	50.0	100		05/25/17 15:28	95-50-1	
1,2-Dichloroethane	74.6J	ug/L	100	16.8	100		05/25/17 15:28	107-06-2	
1,2-Dichloropropane	<23.3	ug/L	100	23.3	100		05/25/17 15:28	78-87-5	
1,3,5-Trimethylbenzene	<50.0	ug/L	100	50.0	100		05/25/17 15:28	108-67-8	
1,3-Dichlorobenzene	<50.0	ug/L	100	50.0	100		05/25/17 15:28	541-73-1	
1,3-Dichloropropane	<50.0	ug/L	100	50.0	100		05/25/17 15:28	142-28-9	
1,4-Dichlorobenzene	<50.0	ug/L	100	50.0	100		05/25/17 15:28	106-46-7	
2,2-Dichloropropane	<48.4	ug/L	100	48.4	100		05/25/17 15:28	594-20-7	
2-Butanone (MEK)	<298	ug/L	2000	298	100		05/25/17 15:28	78-93-3	
2-Chlorotoluene	<50.0	ug/L	100	50.0	100		05/25/17 15:28	95-49-8	
2-Propanol	<2430	ug/L	25000	2430	100		05/25/17 15:28	67-63-0	
4-Chlorotoluene	<21.4	ug/L	100	21.4	100		05/25/17 15:28	106-43-4	
4-Methyl-2-pentanone (MIBK)	366J	ug/L	500	214	100		05/25/17 15:28	108-10-1	
Acetone	<295	ug/L	2000	295	100		05/25/17 15:28	67-64-1	
Benzene	101	ug/L	100	50.0	100		05/25/17 15:28	71-43-2	
Bromobenzene	<23.0	ug/L	100	23.0	100		05/25/17 15:28	108-86-1	
Bromochloromethane	<34.0	ug/L	100	34.0	100		05/25/17 15:28	74-97-5	
Bromodichloromethane	<50.0	ug/L	100	50.0	100		05/25/17 15:28	75-27-4	
Bromoform	<50.0	ug/L	100	50.0	100		05/25/17 15:28	75-25-2	
Bromomethane	<243	ug/L	500	243	100		05/25/17 15:28	74-83-9	
Carbon tetrachloride	<50.0	ug/L	100	50.0	100		05/25/17 15:28	56-23-5	
Chlorobenzene	<50.0	ug/L	100	50.0	100		05/25/17 15:28	108-90-7	
Chloroethane	533	ug/L	100	37.5	100		05/25/17 15:28	75-00-3	
Chloroform	<250	ug/L	500	250	100		05/25/17 15:28	67-66-3	
Chloromethane	<50.0	ug/L	100	50.0	100		05/25/17 15:28	74-87-3	
Dibromochloromethane	<50.0	ug/L	100	50.0	100		05/25/17 15:28	124-48-1	
Dibromomethane	<42.7	ug/L	100	42.7	100		05/25/17 15:28	74-95-3	
Dichlorodifluoromethane	<22.4	ug/L	100	22.4	100		05/25/17 15:28	75-71-8	
Diisopropyl ether	<50.0	ug/L	100	50.0	100		05/25/17 15:28	108-20-3	
Ethylbenzene	497	ug/L	100	50.0	100		05/25/17 15:28	100-41-4	
Hexachloro-1,3-butadiene	<211	ug/L	500	211	100		05/25/17 15:28	87-68-3	
Isopropylbenzene (Cumene)	<14.3	ug/L	100	14.3	100		05/25/17 15:28	98-82-8	
Methyl-tert-butyl ether	<17.4	ug/L	100	17.4	100		05/25/17 15:28	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: W-19R **Lab ID: 40150306006** Collected: 05/16/17 16:25 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Methylene Chloride	<23.3	ug/L	100	23.3	100		05/25/17 15:28	75-09-2	
Naphthalene	<250	ug/L	500	250	100		05/25/17 15:28	91-20-3	
Styrene	<50.0	ug/L	100	50.0	100		05/25/17 15:28	100-42-5	
Tetrachloroethene	<50.0	ug/L	100	50.0	100		05/25/17 15:28	127-18-4	
Toluene	22500	ug/L	100	50.0	100		05/25/17 15:28	108-88-3	
Trichloroethene	<33.1	ug/L	100	33.1	100		05/25/17 15:28	79-01-6	
Trichlorofluoromethane	<18.5	ug/L	100	18.5	100		05/25/17 15:28	75-69-4	
Vinyl chloride	<17.6	ug/L	100	17.6	100		05/25/17 15:28	75-01-4	
Xylene (Total)	1060	ug/L	300	150	100		05/25/17 15:28	1330-20-7	
cis-1,2-Dichloroethene	<25.6	ug/L	100	25.6	100		05/25/17 15:28	156-59-2	
cis-1,3-Dichloropropene	<50.0	ug/L	100	50.0	100		05/25/17 15:28	10061-01-5	
m&p-Xylene	668	ug/L	200	100	100		05/25/17 15:28	179601-23-1	
n-Butylbenzene	<50.0	ug/L	100	50.0	100		05/25/17 15:28	104-51-8	
n-Propylbenzene	<50.0	ug/L	100	50.0	100		05/25/17 15:28	103-65-1	
o-Xylene	390	ug/L	100	50.0	100		05/25/17 15:28	95-47-6	
p-Isopropyltoluene	<50.0	ug/L	100	50.0	100		05/25/17 15:28	99-87-6	
sec-Butylbenzene	<219	ug/L	500	219	100		05/25/17 15:28	135-98-8	
tert-Butylbenzene	<18.0	ug/L	100	18.0	100		05/25/17 15:28	98-06-6	
trans-1,2-Dichloroethene	<25.7	ug/L	100	25.7	100		05/25/17 15:28	156-60-5	
trans-1,3-Dichloropropene	<23.0	ug/L	100	23.0	100		05/25/17 15:28	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103	%	67-124		100		05/25/17 15:28	1868-53-7	
Toluene-d8 (S)	99	%	80-120		100		05/25/17 15:28	2037-26-5	
4-Bromofluorobenzene (S)	93	%	61-118		100		05/25/17 15:28	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: W-19R DUP **Lab ID: 40150306007** Collected: 05/16/17 16:25 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<18.1	ug/L	100	18.1	100		05/25/17 11:10	630-20-6	
1,1,1-Trichloroethane	<50.0	ug/L	100	50.0	100		05/25/17 11:10	71-55-6	
1,1,2,2-Tetrachloroethane	<24.9	ug/L	100	24.9	100		05/25/17 11:10	79-34-5	
1,1,2-Trichloroethane	<19.7	ug/L	100	19.7	100		05/25/17 11:10	79-00-5	
1,1-Dichloroethane	<24.2	ug/L	100	24.2	100		05/25/17 11:10	75-34-3	
1,1-Dichloroethene	<41.0	ug/L	100	41.0	100		05/25/17 11:10	75-35-4	
1,1-Dichloropropene	<44.1	ug/L	100	44.1	100		05/25/17 11:10	563-58-6	
1,2,3-Trichlorobenzene	<213	ug/L	500	213	100		05/25/17 11:10	87-61-6	
1,2,3-Trichloropropane	<50.0	ug/L	100	50.0	100		05/25/17 11:10	96-18-4	
1,2,4-Trichlorobenzene	<221	ug/L	500	221	100		05/25/17 11:10	120-82-1	
1,2,4-Trimethylbenzene	<50.0	ug/L	100	50.0	100		05/25/17 11:10	95-63-6	
1,2-Dibromo-3-chloropropane	<216	ug/L	500	216	100		05/25/17 11:10	96-12-8	
1,2-Dibromoethane (EDB)	<17.8	ug/L	100	17.8	100		05/25/17 11:10	106-93-4	
1,2-Dichlorobenzene	<50.0	ug/L	100	50.0	100		05/25/17 11:10	95-50-1	
1,2-Dichloroethane	75.4J	ug/L	100	16.8	100		05/25/17 11:10	107-06-2	
1,2-Dichloropropane	<23.3	ug/L	100	23.3	100		05/25/17 11:10	78-87-5	
1,3,5-Trimethylbenzene	<50.0	ug/L	100	50.0	100		05/25/17 11:10	108-67-8	
1,3-Dichlorobenzene	<50.0	ug/L	100	50.0	100		05/25/17 11:10	541-73-1	
1,3-Dichloropropane	<50.0	ug/L	100	50.0	100		05/25/17 11:10	142-28-9	
1,4-Dichlorobenzene	<50.0	ug/L	100	50.0	100		05/25/17 11:10	106-46-7	
2,2-Dichloropropane	<48.4	ug/L	100	48.4	100		05/25/17 11:10	594-20-7	
2-Butanone (MEK)	<298	ug/L	2000	298	100		05/25/17 11:10	78-93-3	
2-Chlorotoluene	<50.0	ug/L	100	50.0	100		05/25/17 11:10	95-49-8	
2-Propanol	<2430	ug/L	25000	2430	100		05/25/17 11:10	67-63-0	
4-Chlorotoluene	<21.4	ug/L	100	21.4	100		05/25/17 11:10	106-43-4	
4-Methyl-2-pentanone (MIBK)	461J	ug/L	500	214	100		05/25/17 11:10	108-10-1	
Acetone	<295	ug/L	2000	295	100		05/25/17 11:10	67-64-1	
Benzene	105	ug/L	100	50.0	100		05/25/17 11:10	71-43-2	
Bromobenzene	<23.0	ug/L	100	23.0	100		05/25/17 11:10	108-86-1	
Bromochloromethane	<34.0	ug/L	100	34.0	100		05/25/17 11:10	74-97-5	
Bromodichloromethane	<50.0	ug/L	100	50.0	100		05/25/17 11:10	75-27-4	
Bromoform	<50.0	ug/L	100	50.0	100		05/25/17 11:10	75-25-2	
Bromomethane	<243	ug/L	500	243	100		05/25/17 11:10	74-83-9	
Carbon tetrachloride	<50.0	ug/L	100	50.0	100		05/25/17 11:10	56-23-5	
Chlorobenzene	<50.0	ug/L	100	50.0	100		05/25/17 11:10	108-90-7	
Chloroethane	564	ug/L	100	37.5	100		05/25/17 11:10	75-00-3	
Chloroform	<250	ug/L	500	250	100		05/25/17 11:10	67-66-3	
Chloromethane	<50.0	ug/L	100	50.0	100		05/25/17 11:10	74-87-3	
Dibromochloromethane	<50.0	ug/L	100	50.0	100		05/25/17 11:10	124-48-1	
Dibromomethane	<42.7	ug/L	100	42.7	100		05/25/17 11:10	74-95-3	
Dichlorodifluoromethane	<22.4	ug/L	100	22.4	100		05/25/17 11:10	75-71-8	
Diisopropyl ether	<50.0	ug/L	100	50.0	100		05/25/17 11:10	108-20-3	
Ethylbenzene	486	ug/L	100	50.0	100		05/25/17 11:10	100-41-4	
Hexachloro-1,3-butadiene	<211	ug/L	500	211	100		05/25/17 11:10	87-68-3	
Isopropylbenzene (Cumene)	<14.3	ug/L	100	14.3	100		05/25/17 11:10	98-82-8	
Methyl-tert-butyl ether	<17.4	ug/L	100	17.4	100		05/25/17 11:10	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: W-19R DUP **Lab ID: 40150306007** Collected: 05/16/17 16:25 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Methylene Chloride	<23.3	ug/L	100	23.3	100		05/25/17 11:10	75-09-2	
Naphthalene	<250	ug/L	500	250	100		05/25/17 11:10	91-20-3	
Styrene	<50.0	ug/L	100	50.0	100		05/25/17 11:10	100-42-5	
Tetrachloroethene	<50.0	ug/L	100	50.0	100		05/25/17 11:10	127-18-4	
Toluene	23000	ug/L	100	50.0	100		05/25/17 11:10	108-88-3	
Trichloroethene	<33.1	ug/L	100	33.1	100		05/25/17 11:10	79-01-6	
Trichlorofluoromethane	<18.5	ug/L	100	18.5	100		05/25/17 11:10	75-69-4	
Vinyl chloride	<17.6	ug/L	100	17.6	100		05/25/17 11:10	75-01-4	
Xylene (Total)	1050	ug/L	300	150	100		05/25/17 11:10	1330-20-7	
cis-1,2-Dichloroethene	<25.6	ug/L	100	25.6	100		05/25/17 11:10	156-59-2	
cis-1,3-Dichloropropene	<50.0	ug/L	100	50.0	100		05/25/17 11:10	10061-01-5	
m&p-Xylene	666	ug/L	200	100	100		05/25/17 11:10	179601-23-1	
n-Butylbenzene	<50.0	ug/L	100	50.0	100		05/25/17 11:10	104-51-8	
n-Propylbenzene	<50.0	ug/L	100	50.0	100		05/25/17 11:10	103-65-1	
o-Xylene	387	ug/L	100	50.0	100		05/25/17 11:10	95-47-6	
p-Isopropyltoluene	<50.0	ug/L	100	50.0	100		05/25/17 11:10	99-87-6	
sec-Butylbenzene	<219	ug/L	500	219	100		05/25/17 11:10	135-98-8	
tert-Butylbenzene	<18.0	ug/L	100	18.0	100		05/25/17 11:10	98-06-6	
trans-1,2-Dichloroethene	<25.7	ug/L	100	25.7	100		05/25/17 11:10	156-60-5	
trans-1,3-Dichloropropene	<23.0	ug/L	100	23.0	100		05/25/17 11:10	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103	%	67-124		100		05/25/17 11:10	1868-53-7	
Toluene-d8 (S)	99	%	80-120		100		05/25/17 11:10	2037-26-5	
4-Bromofluorobenzene (S)	94	%	61-118		100		05/25/17 11:10	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: W-22 **Lab ID: 40150306008** Collected: 05/16/17 15:20 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/25/17 12:36	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/25/17 12:36	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/25/17 12:36	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/25/17 12:36	79-00-5	
1,1-Dichloroethane	13.3	ug/L	1.0	0.24	1		05/25/17 12:36	75-34-3	
1,1-Dichloroethene	0.82J	ug/L	1.0	0.41	1		05/25/17 12:36	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/25/17 12:36	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/25/17 12:36	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 12:36	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 12:36	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:36	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/25/17 12:36	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/25/17 12:36	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:36	95-50-1	
1,2-Dichloroethane	0.58J	ug/L	1.0	0.17	1		05/25/17 12:36	107-06-2	
1,2-Dichloropropane	0.61J	ug/L	1.0	0.23	1		05/25/17 12:36	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:36	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:36	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 12:36	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:36	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/25/17 12:36	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/25/17 12:36	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:36	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/25/17 12:36	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/25/17 12:36	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/25/17 12:36	108-10-1	
Acetone	3.7J	ug/L	20.0	3.0	1		05/25/17 12:36	67-64-1	
Benzene	0.70J	ug/L	1.0	0.50	1		05/25/17 12:36	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/25/17 12:36	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/25/17 12:36	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 12:36	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/25/17 12:36	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/25/17 12:36	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/25/17 12:36	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:36	108-90-7	
Chloroethane	73.3	ug/L	1.0	0.37	1		05/25/17 12:36	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/25/17 12:36	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 12:36	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 12:36	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/25/17 12:36	74-95-3	
Dichlorodifluoromethane	2.8	ug/L	1.0	0.22	1		05/25/17 12:36	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/25/17 12:36	108-20-3	
Ethylbenzene	8.8	ug/L	1.0	0.50	1		05/25/17 12:36	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/25/17 12:36	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/25/17 12:36	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/25/17 12:36	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: W-22 **Lab ID: 40150306008** Collected: 05/16/17 15:20 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Methylene Chloride	2.8	ug/L	1.0	0.23	1		05/25/17 12:36	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/25/17 12:36	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:36	100-42-5	
Tetrachloroethene	0.52J	ug/L	1.0	0.50	1		05/25/17 12:36	127-18-4	
Toluene	191	ug/L	1.0	0.50	1		05/25/17 12:36	108-88-3	
Trichloroethene	3.3	ug/L	1.0	0.33	1		05/25/17 12:36	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/25/17 12:36	75-69-4	
Vinyl chloride	15.7	ug/L	1.0	0.18	1		05/25/17 12:36	75-01-4	
Xylene (Total)	33.2	ug/L	3.0	1.5	1		05/25/17 12:36	1330-20-7	
cis-1,2-Dichloroethene	35.7	ug/L	1.0	0.26	1		05/25/17 12:36	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:36	10061-01-5	
m&p-Xylene	21.2	ug/L	2.0	1.0	1		05/25/17 12:36	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:36	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:36	103-65-1	
o-Xylene	12.0	ug/L	1.0	0.50	1		05/25/17 12:36	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:36	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 12:36	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/25/17 12:36	98-06-6	
trans-1,2-Dichloroethene	2.4	ug/L	1.0	0.26	1		05/25/17 12:36	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/25/17 12:36	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104	%	67-124		1		05/25/17 12:36	1868-53-7	
Toluene-d8 (S)	100	%	80-120		1		05/25/17 12:36	2037-26-5	
4-Bromofluorobenzene (S)	97	%	61-118		1		05/25/17 12:36	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: W-26 **Lab ID: 40150306009** Collected: 05/16/17 18:45 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/25/17 12:58	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/25/17 12:58	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/25/17 12:58	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/25/17 12:58	79-00-5	
1,1-Dichloroethane	1.1	ug/L	1.0	0.24	1		05/25/17 12:58	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/25/17 12:58	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/25/17 12:58	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/25/17 12:58	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 12:58	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 12:58	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:58	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/25/17 12:58	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/25/17 12:58	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:58	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/25/17 12:58	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/25/17 12:58	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:58	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:58	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 12:58	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:58	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/25/17 12:58	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/25/17 12:58	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:58	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/25/17 12:58	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/25/17 12:58	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/25/17 12:58	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/25/17 12:58	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:58	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/25/17 12:58	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/25/17 12:58	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 12:58	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/25/17 12:58	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/25/17 12:58	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/25/17 12:58	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:58	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/25/17 12:58	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/25/17 12:58	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 12:58	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 12:58	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/25/17 12:58	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/25/17 12:58	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/25/17 12:58	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:58	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/25/17 12:58	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/25/17 12:58	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/25/17 12:58	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: W-26 **Lab ID: 40150306009** Collected: 05/16/17 18:45 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/25/17 12:58	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/25/17 12:58	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:58	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:58	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:58	108-88-3	
Trichloroethene	39.7	ug/L	1.0	0.33	1		05/25/17 12:58	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/25/17 12:58	75-69-4	
Vinyl chloride	1.4	ug/L	1.0	0.18	1		05/25/17 12:58	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/25/17 12:58	1330-20-7	
cis-1,2-Dichloroethene	8.0	ug/L	1.0	0.26	1		05/25/17 12:58	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:58	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/25/17 12:58	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:58	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:58	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:58	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 12:58	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 12:58	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/25/17 12:58	98-06-6	
trans-1,2-Dichloroethene	4.7	ug/L	1.0	0.26	1		05/25/17 12:58	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/25/17 12:58	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100	%	67-124		1		05/25/17 12:58	1868-53-7	
Toluene-d8 (S)	99	%	80-120		1		05/25/17 12:58	2037-26-5	
4-Bromofluorobenzene (S)	95	%	61-118		1		05/25/17 12:58	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: W-27 **Lab ID: 40150306010** Collected: 05/16/17 13:40 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/25/17 10:28	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/25/17 10:28	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/25/17 10:28	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/25/17 10:28	79-00-5	
1,1-Dichloroethane	1.1	ug/L	1.0	0.24	1		05/25/17 10:28	75-34-3	
1,1-Dichloroethene	0.56J	ug/L	1.0	0.41	1		05/25/17 10:28	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/25/17 10:28	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/25/17 10:28	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 10:28	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 10:28	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 10:28	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/25/17 10:28	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/25/17 10:28	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 10:28	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/25/17 10:28	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/25/17 10:28	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 10:28	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 10:28	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 10:28	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 10:28	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/25/17 10:28	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/25/17 10:28	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 10:28	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/25/17 10:28	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/25/17 10:28	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/25/17 10:28	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/25/17 10:28	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/25/17 10:28	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/25/17 10:28	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/25/17 10:28	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 10:28	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/25/17 10:28	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/25/17 10:28	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/25/17 10:28	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 10:28	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/25/17 10:28	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/25/17 10:28	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 10:28	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 10:28	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/25/17 10:28	74-95-3	
Dichlorodifluoromethane	1.8	ug/L	1.0	0.22	1		05/25/17 10:28	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/25/17 10:28	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 10:28	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/25/17 10:28	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/25/17 10:28	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/25/17 10:28	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: W-27 **Lab ID: 40150306010** Collected: 05/16/17 13:40 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/25/17 10:28	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/25/17 10:28	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/25/17 10:28	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/25/17 10:28	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/25/17 10:28	108-88-3	
Trichloroethene	2.7	ug/L	1.0	0.33	1		05/25/17 10:28	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/25/17 10:28	75-69-4	
Vinyl chloride	0.85J	ug/L	1.0	0.18	1		05/25/17 10:28	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/25/17 10:28	1330-20-7	
cis-1,2-Dichloroethene	3.5	ug/L	1.0	0.26	1		05/25/17 10:28	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/25/17 10:28	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/25/17 10:28	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 10:28	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 10:28	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/25/17 10:28	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 10:28	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 10:28	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/25/17 10:28	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 10:28	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/25/17 10:28	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104	%	67-124		1		05/25/17 10:28	1868-53-7	
Toluene-d8 (S)	101	%	80-120		1		05/25/17 10:28	2037-26-5	
4-Bromofluorobenzene (S)	96	%	61-118		1		05/25/17 10:28	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: W-28 **Lab ID: 40150306011** Collected: 05/16/17 14:30 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/25/17 13:19	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/25/17 13:19	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/25/17 13:19	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/25/17 13:19	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/25/17 13:19	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/25/17 13:19	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/25/17 13:19	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/25/17 13:19	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 13:19	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 13:19	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:19	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/25/17 13:19	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/25/17 13:19	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:19	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/25/17 13:19	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/25/17 13:19	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:19	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:19	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 13:19	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:19	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/25/17 13:19	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/25/17 13:19	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:19	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/25/17 13:19	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/25/17 13:19	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/25/17 13:19	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/25/17 13:19	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:19	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/25/17 13:19	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/25/17 13:19	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 13:19	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/25/17 13:19	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/25/17 13:19	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/25/17 13:19	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:19	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/25/17 13:19	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/25/17 13:19	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 13:19	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 13:19	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/25/17 13:19	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/25/17 13:19	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/25/17 13:19	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:19	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/25/17 13:19	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/25/17 13:19	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/25/17 13:19	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: W-28 **Lab ID: 40150306011** Collected: 05/16/17 14:30 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/25/17 13:19	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/25/17 13:19	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:19	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:19	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:19	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/25/17 13:19	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/25/17 13:19	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/25/17 13:19	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/25/17 13:19	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 13:19	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:19	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/25/17 13:19	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:19	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:19	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:19	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:19	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 13:19	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/25/17 13:19	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 13:19	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/25/17 13:19	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104	%	67-124		1		05/25/17 13:19	1868-53-7	
Toluene-d8 (S)	99	%	80-120		1		05/25/17 13:19	2037-26-5	
4-Bromofluorobenzene (S)	94	%	61-118		1		05/25/17 13:19	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: W-29 **Lab ID: 40150306012** Collected: 05/16/17 17:00 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/25/17 13:41	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/25/17 13:41	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/25/17 13:41	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/25/17 13:41	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/25/17 13:41	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/25/17 13:41	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/25/17 13:41	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/25/17 13:41	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 13:41	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 13:41	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:41	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/25/17 13:41	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/25/17 13:41	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:41	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/25/17 13:41	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/25/17 13:41	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:41	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:41	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 13:41	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:41	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/25/17 13:41	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/25/17 13:41	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:41	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/25/17 13:41	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/25/17 13:41	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/25/17 13:41	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/25/17 13:41	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:41	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/25/17 13:41	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/25/17 13:41	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 13:41	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/25/17 13:41	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/25/17 13:41	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/25/17 13:41	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:41	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/25/17 13:41	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/25/17 13:41	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 13:41	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 13:41	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/25/17 13:41	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/25/17 13:41	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/25/17 13:41	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:41	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/25/17 13:41	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/25/17 13:41	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/25/17 13:41	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: W-29 **Lab ID: 40150306012** Collected: 05/16/17 17:00 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/25/17 13:41	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/25/17 13:41	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:41	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:41	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:41	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/25/17 13:41	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/25/17 13:41	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/25/17 13:41	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/25/17 13:41	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 13:41	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:41	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/25/17 13:41	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:41	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:41	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:41	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 13:41	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 13:41	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/25/17 13:41	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 13:41	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/25/17 13:41	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101	%	67-124		1		05/25/17 13:41	1868-53-7	
Toluene-d8 (S)	101	%	80-120		1		05/25/17 13:41	2037-26-5	
4-Bromofluorobenzene (S)	96	%	61-118		1		05/25/17 13:41	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: W-30A **Lab ID: 40150306013** Collected: 05/16/17 16:20 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/25/17 14:02	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/25/17 14:02	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/25/17 14:02	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/25/17 14:02	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/25/17 14:02	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/25/17 14:02	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/25/17 14:02	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/25/17 14:02	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 14:02	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 14:02	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:02	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/25/17 14:02	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/25/17 14:02	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:02	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/25/17 14:02	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/25/17 14:02	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:02	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:02	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 14:02	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:02	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/25/17 14:02	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/25/17 14:02	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:02	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/25/17 14:02	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/25/17 14:02	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/25/17 14:02	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/25/17 14:02	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:02	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/25/17 14:02	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/25/17 14:02	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 14:02	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/25/17 14:02	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/25/17 14:02	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/25/17 14:02	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:02	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/25/17 14:02	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/25/17 14:02	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 14:02	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 14:02	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/25/17 14:02	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/25/17 14:02	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/25/17 14:02	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:02	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/25/17 14:02	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/25/17 14:02	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/25/17 14:02	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: W-30A **Lab ID: 40150306013** Collected: 05/16/17 16:20 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/25/17 14:02	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/25/17 14:02	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:02	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:02	127-18-4	
Toluene	0.60J	ug/L	1.0	0.50	1		05/25/17 14:02	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/25/17 14:02	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/25/17 14:02	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/25/17 14:02	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/25/17 14:02	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 14:02	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:02	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/25/17 14:02	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:02	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:02	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:02	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:02	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 14:02	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/25/17 14:02	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 14:02	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/25/17 14:02	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103	%	67-124		1		05/25/17 14:02	1868-53-7	
Toluene-d8 (S)	99	%	80-120		1		05/25/17 14:02	2037-26-5	
4-Bromofluorobenzene (S)	93	%	61-118		1		05/25/17 14:02	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: W-30B **Lab ID: 40150306014** Collected: 05/16/17 16:05 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/25/17 14:23	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/25/17 14:23	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/25/17 14:23	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/25/17 14:23	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/25/17 14:23	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/25/17 14:23	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/25/17 14:23	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/25/17 14:23	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 14:23	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 14:23	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:23	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/25/17 14:23	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/25/17 14:23	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:23	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/25/17 14:23	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/25/17 14:23	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:23	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:23	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 14:23	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:23	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/25/17 14:23	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/25/17 14:23	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:23	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/25/17 14:23	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/25/17 14:23	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/25/17 14:23	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/25/17 14:23	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:23	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/25/17 14:23	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/25/17 14:23	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 14:23	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/25/17 14:23	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/25/17 14:23	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/25/17 14:23	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:23	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/25/17 14:23	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/25/17 14:23	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 14:23	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 14:23	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/25/17 14:23	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/25/17 14:23	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/25/17 14:23	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:23	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/25/17 14:23	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/25/17 14:23	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/25/17 14:23	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: W-30B **Lab ID: 40150306014** Collected: 05/16/17 16:05 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/25/17 14:23	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/25/17 14:23	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:23	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:23	127-18-4	
Toluene	1.4	ug/L	1.0	0.50	1		05/25/17 14:23	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/25/17 14:23	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/25/17 14:23	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/25/17 14:23	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/25/17 14:23	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 14:23	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:23	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/25/17 14:23	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:23	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:23	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:23	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:23	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 14:23	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/25/17 14:23	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 14:23	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/25/17 14:23	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101	%	67-124		1		05/25/17 14:23	1868-53-7	
Toluene-d8 (S)	101	%	80-120		1		05/25/17 14:23	2037-26-5	
4-Bromofluorobenzene (S)	95	%	61-118		1		05/25/17 14:23	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: MW-106 **Lab ID: 40150306015** Collected: 05/16/17 18:05 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/25/17 14:45	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/25/17 14:45	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/25/17 14:45	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/25/17 14:45	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/25/17 14:45	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/25/17 14:45	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/25/17 14:45	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/25/17 14:45	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 14:45	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 14:45	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:45	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/25/17 14:45	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/25/17 14:45	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:45	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/25/17 14:45	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/25/17 14:45	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:45	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:45	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 14:45	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:45	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/25/17 14:45	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/25/17 14:45	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:45	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/25/17 14:45	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/25/17 14:45	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/25/17 14:45	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/25/17 14:45	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:45	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/25/17 14:45	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/25/17 14:45	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 14:45	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/25/17 14:45	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/25/17 14:45	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/25/17 14:45	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:45	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/25/17 14:45	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/25/17 14:45	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 14:45	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 14:45	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/25/17 14:45	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/25/17 14:45	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/25/17 14:45	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:45	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/25/17 14:45	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/25/17 14:45	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/25/17 14:45	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: MW-106 **Lab ID: 40150306015** Collected: 05/16/17 18:05 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/25/17 14:45	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/25/17 14:45	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:45	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:45	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:45	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/25/17 14:45	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/25/17 14:45	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/25/17 14:45	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/25/17 14:45	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 14:45	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:45	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/25/17 14:45	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:45	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:45	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:45	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 14:45	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 14:45	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/25/17 14:45	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 14:45	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/25/17 14:45	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100	%	67-124		1		05/25/17 14:45	1868-53-7	
Toluene-d8 (S)	100	%	80-120		1		05/25/17 14:45	2037-26-5	
4-Bromofluorobenzene (S)	94	%	61-118		1		05/25/17 14:45	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: MW-106A **Lab ID: 40150306016** Collected: 05/16/17 17:50 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/26/17 01:21	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/26/17 01:21	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/26/17 01:21	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/26/17 01:21	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/26/17 01:21	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/26/17 01:21	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/26/17 01:21	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/26/17 01:21	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 01:21	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 01:21	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:21	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/26/17 01:21	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/26/17 01:21	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:21	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/26/17 01:21	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/26/17 01:21	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:21	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:21	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 01:21	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:21	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/26/17 01:21	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/26/17 01:21	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:21	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/26/17 01:21	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/26/17 01:21	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/26/17 01:21	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/26/17 01:21	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:21	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/26/17 01:21	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/26/17 01:21	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 01:21	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/26/17 01:21	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/26/17 01:21	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/26/17 01:21	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:21	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/26/17 01:21	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/26/17 01:21	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 01:21	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 01:21	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/26/17 01:21	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/26/17 01:21	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/26/17 01:21	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:21	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/26/17 01:21	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/26/17 01:21	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/26/17 01:21	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: MW-106A **Lab ID: 40150306016** Collected: 05/16/17 17:50 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/26/17 01:21	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/26/17 01:21	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:21	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:21	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:21	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/26/17 01:21	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/26/17 01:21	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/26/17 01:21	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/26/17 01:21	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/26/17 01:21	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:21	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/26/17 01:21	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:21	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:21	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:21	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:21	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 01:21	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/26/17 01:21	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/26/17 01:21	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/26/17 01:21	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102	%	67-124		1		05/26/17 01:21	1868-53-7	
Toluene-d8 (S)	99	%	80-120		1		05/26/17 01:21	2037-26-5	
4-Bromofluorobenzene (S)	93	%	61-118		1		05/26/17 01:21	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: MW-111 **Lab ID: 40150306017** Collected: 05/16/17 12:35 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/26/17 01:43	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/26/17 01:43	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/26/17 01:43	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/26/17 01:43	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/26/17 01:43	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/26/17 01:43	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/26/17 01:43	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/26/17 01:43	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 01:43	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 01:43	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:43	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/26/17 01:43	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/26/17 01:43	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:43	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/26/17 01:43	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/26/17 01:43	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:43	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:43	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 01:43	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:43	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/26/17 01:43	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/26/17 01:43	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:43	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/26/17 01:43	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/26/17 01:43	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/26/17 01:43	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/26/17 01:43	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:43	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/26/17 01:43	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/26/17 01:43	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 01:43	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/26/17 01:43	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/26/17 01:43	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/26/17 01:43	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:43	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/26/17 01:43	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/26/17 01:43	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 01:43	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 01:43	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/26/17 01:43	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/26/17 01:43	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/26/17 01:43	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:43	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/26/17 01:43	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/26/17 01:43	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/26/17 01:43	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: MW-111 **Lab ID: 40150306017** Collected: 05/16/17 12:35 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/26/17 01:43	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/26/17 01:43	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:43	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:43	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:43	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/26/17 01:43	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/26/17 01:43	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/26/17 01:43	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/26/17 01:43	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/26/17 01:43	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:43	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/26/17 01:43	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:43	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:43	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:43	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 01:43	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 01:43	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/26/17 01:43	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/26/17 01:43	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/26/17 01:43	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104	%	67-124		1		05/26/17 01:43	1868-53-7	
Toluene-d8 (S)	100	%	80-120		1		05/26/17 01:43	2037-26-5	
4-Bromofluorobenzene (S)	93	%	61-118		1		05/26/17 01:43	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: MW-111A **Lab ID: 40150306018** Collected: 05/16/17 13:05 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.90	ug/L	5.0	0.90	5		05/26/17 19:20	630-20-6	
1,1,1-Trichloroethane	<2.5	ug/L	5.0	2.5	5		05/26/17 19:20	71-55-6	
1,1,2,2-Tetrachloroethane	<1.2	ug/L	5.0	1.2	5		05/26/17 19:20	79-34-5	L1
1,1,2-Trichloroethane	<0.99	ug/L	5.0	0.99	5		05/26/17 19:20	79-00-5	
1,1-Dichloroethane	9.2	ug/L	5.0	1.2	5		05/26/17 19:20	75-34-3	
1,1-Dichloroethene	<2.1	ug/L	5.0	2.1	5		05/26/17 19:20	75-35-4	
1,1-Dichloropropene	<2.2	ug/L	5.0	2.2	5		05/26/17 19:20	563-58-6	
1,2,3-Trichlorobenzene	<10.7	ug/L	25.0	10.7	5		05/26/17 19:20	87-61-6	
1,2,3-Trichloropropane	<2.5	ug/L	5.0	2.5	5		05/26/17 19:20	96-18-4	
1,2,4-Trichlorobenzene	<11.0	ug/L	25.0	11.0	5		05/26/17 19:20	120-82-1	
1,2,4-Trimethylbenzene	<2.5	ug/L	5.0	2.5	5		05/26/17 19:20	95-63-6	
1,2-Dibromo-3-chloropropane	<10.8	ug/L	25.0	10.8	5		05/26/17 19:20	96-12-8	
1,2-Dibromoethane (EDB)	<0.89	ug/L	5.0	0.89	5		05/26/17 19:20	106-93-4	
1,2-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		05/26/17 19:20	95-50-1	
1,2-Dichloroethane	67.7	ug/L	5.0	0.84	5		05/26/17 19:20	107-06-2	
1,2-Dichloropropane	8.7	ug/L	5.0	1.2	5		05/26/17 19:20	78-87-5	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	5		05/26/17 19:20	108-67-8	
1,3-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		05/26/17 19:20	541-73-1	
1,3-Dichloropropane	<2.5	ug/L	5.0	2.5	5		05/26/17 19:20	142-28-9	
1,4-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		05/26/17 19:20	106-46-7	
2,2-Dichloropropane	<2.4	ug/L	5.0	2.4	5		05/26/17 19:20	594-20-7	
2-Butanone (MEK)	<14.9	ug/L	100	14.9	5		05/26/17 19:20	78-93-3	
2-Chlorotoluene	<2.5	ug/L	5.0	2.5	5		05/26/17 19:20	95-49-8	
2-Propanol	<122	ug/L	1250	122	5		05/26/17 19:20	67-63-0	
4-Chlorotoluene	<1.1	ug/L	5.0	1.1	5		05/26/17 19:20	106-43-4	
4-Methyl-2-pentanone (MIBK)	<10.7	ug/L	25.0	10.7	5		05/26/17 19:20	108-10-1	
Acetone	<14.8	ug/L	100	14.8	5		05/26/17 19:20	67-64-1	
Benzene	12.1	ug/L	5.0	2.5	5		05/26/17 19:20	71-43-2	
Bromobenzene	<1.2	ug/L	5.0	1.2	5		05/26/17 19:20	108-86-1	
Bromochloromethane	<1.7	ug/L	5.0	1.7	5		05/26/17 19:20	74-97-5	
Bromodichloromethane	<2.5	ug/L	5.0	2.5	5		05/26/17 19:20	75-27-4	
Bromoform	<2.5	ug/L	5.0	2.5	5		05/26/17 19:20	75-25-2	
Bromomethane	<12.2	ug/L	25.0	12.2	5		05/26/17 19:20	74-83-9	
Carbon tetrachloride	<2.5	ug/L	5.0	2.5	5		05/26/17 19:20	56-23-5	
Chlorobenzene	<2.5	ug/L	5.0	2.5	5		05/26/17 19:20	108-90-7	
Chloroethane	761	ug/L	5.0	1.9	5		05/26/17 19:20	75-00-3	
Chloroform	<12.5	ug/L	25.0	12.5	5		05/26/17 19:20	67-66-3	
Chloromethane	<2.5	ug/L	5.0	2.5	5		05/26/17 19:20	74-87-3	
Dibromochloromethane	<2.5	ug/L	5.0	2.5	5		05/26/17 19:20	124-48-1	
Dibromomethane	<2.1	ug/L	5.0	2.1	5		05/26/17 19:20	74-95-3	
Dichlorodifluoromethane	<1.1	ug/L	5.0	1.1	5		05/26/17 19:20	75-71-8	
Diisopropyl ether	<2.5	ug/L	5.0	2.5	5		05/26/17 19:20	108-20-3	
Ethylbenzene	<2.5	ug/L	5.0	2.5	5		05/26/17 19:20	100-41-4	
Hexachloro-1,3-butadiene	<10.5	ug/L	25.0	10.5	5		05/26/17 19:20	87-68-3	
Isopropylbenzene (Cumene)	<0.72	ug/L	5.0	0.72	5		05/26/17 19:20	98-82-8	
Methyl-tert-butyl ether	<0.87	ug/L	5.0	0.87	5		05/26/17 19:20	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: MW-111A **Lab ID: 40150306018** Collected: 05/16/17 13:05 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<1.2	ug/L	5.0	1.2	5		05/26/17 19:20	75-09-2	
Naphthalene	<12.5	ug/L	25.0	12.5	5		05/26/17 19:20	91-20-3	
Styrene	<2.5	ug/L	5.0	2.5	5		05/26/17 19:20	100-42-5	
Tetrachloroethene	<2.5	ug/L	5.0	2.5	5		05/26/17 19:20	127-18-4	
Toluene	109	ug/L	5.0	2.5	5		05/26/17 19:20	108-88-3	
Trichloroethene	<1.7	ug/L	5.0	1.7	5		05/26/17 19:20	79-01-6	
Trichlorofluoromethane	<0.92	ug/L	5.0	0.92	5		05/26/17 19:20	75-69-4	
Vinyl chloride	1.7J	ug/L	5.0	0.88	5		05/26/17 19:20	75-01-4	
Xylene (Total)	<7.5	ug/L	15.0	7.5	5		05/26/17 19:20	1330-20-7	
cis-1,2-Dichloroethene	2.1J	ug/L	5.0	1.3	5		05/26/17 19:20	156-59-2	
cis-1,3-Dichloropropene	<2.5	ug/L	5.0	2.5	5		05/26/17 19:20	10061-01-5	
m&p-Xylene	<5.0	ug/L	10.0	5.0	5		05/26/17 19:20	179601-23-1	
n-Butylbenzene	<2.5	ug/L	5.0	2.5	5		05/26/17 19:20	104-51-8	
n-Propylbenzene	<2.5	ug/L	5.0	2.5	5		05/26/17 19:20	103-65-1	
o-Xylene	<2.5	ug/L	5.0	2.5	5		05/26/17 19:20	95-47-6	
p-Isopropyltoluene	<2.5	ug/L	5.0	2.5	5		05/26/17 19:20	99-87-6	
sec-Butylbenzene	<10.9	ug/L	25.0	10.9	5		05/26/17 19:20	135-98-8	
tert-Butylbenzene	<0.90	ug/L	5.0	0.90	5		05/26/17 19:20	98-06-6	
trans-1,2-Dichloroethene	8.9	ug/L	5.0	1.3	5		05/26/17 19:20	156-60-5	
trans-1,3-Dichloropropene	<1.1	ug/L	5.0	1.1	5		05/26/17 19:20	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	111	%	67-124		5		05/26/17 19:20	1868-53-7	
Toluene-d8 (S)	108	%	80-120		5		05/26/17 19:20	2037-26-5	
4-Bromofluorobenzene (S)	103	%	61-118		5		05/26/17 19:20	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: MW-111B **Lab ID: 40150306019** Collected: 05/16/17 12:40 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/26/17 02:26	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/26/17 02:26	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/26/17 02:26	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/26/17 02:26	79-00-5	
1,1-Dichloroethane	5.4	ug/L	1.0	0.24	1		05/26/17 02:26	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/26/17 02:26	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/26/17 02:26	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/26/17 02:26	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 02:26	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 02:26	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:26	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/26/17 02:26	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/26/17 02:26	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:26	95-50-1	
1,2-Dichloroethane	0.95J	ug/L	1.0	0.17	1		05/26/17 02:26	107-06-2	
1,2-Dichloropropane	0.40J	ug/L	1.0	0.23	1		05/26/17 02:26	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:26	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:26	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 02:26	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:26	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/26/17 02:26	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/26/17 02:26	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:26	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/26/17 02:26	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/26/17 02:26	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/26/17 02:26	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/26/17 02:26	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:26	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/26/17 02:26	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/26/17 02:26	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 02:26	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/26/17 02:26	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/26/17 02:26	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/26/17 02:26	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:26	108-90-7	
Chloroethane	3.5	ug/L	1.0	0.37	1		05/26/17 02:26	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/26/17 02:26	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 02:26	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 02:26	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/26/17 02:26	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/26/17 02:26	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/26/17 02:26	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:26	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/26/17 02:26	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/26/17 02:26	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/26/17 02:26	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: MW-111B **Lab ID: 40150306019** Collected: 05/16/17 12:40 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/26/17 02:26	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/26/17 02:26	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:26	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:26	127-18-4	
Toluene	0.71J	ug/L	1.0	0.50	1		05/26/17 02:26	108-88-3	
Trichloroethene	0.56J	ug/L	1.0	0.33	1		05/26/17 02:26	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/26/17 02:26	75-69-4	
Vinyl chloride	0.23J	ug/L	1.0	0.18	1		05/26/17 02:26	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/26/17 02:26	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/26/17 02:26	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:26	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/26/17 02:26	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:26	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:26	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:26	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:26	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 02:26	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/26/17 02:26	98-06-6	
trans-1,2-Dichloroethene	1.4	ug/L	1.0	0.26	1		05/26/17 02:26	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/26/17 02:26	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104	%	67-124		1		05/26/17 02:26	1868-53-7	
Toluene-d8 (S)	99	%	80-120		1		05/26/17 02:26	2037-26-5	
4-Bromofluorobenzene (S)	93	%	61-118		1		05/26/17 02:26	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: MW-112 **Lab ID: 40150306020** Collected: 05/16/17 13:30 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/26/17 02:48	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/26/17 02:48	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/26/17 02:48	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/26/17 02:48	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/26/17 02:48	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/26/17 02:48	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/26/17 02:48	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/26/17 02:48	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 02:48	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 02:48	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:48	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/26/17 02:48	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/26/17 02:48	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:48	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/26/17 02:48	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/26/17 02:48	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:48	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:48	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 02:48	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:48	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/26/17 02:48	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/26/17 02:48	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:48	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/26/17 02:48	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/26/17 02:48	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/26/17 02:48	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/26/17 02:48	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:48	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/26/17 02:48	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/26/17 02:48	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 02:48	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/26/17 02:48	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/26/17 02:48	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/26/17 02:48	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:48	108-90-7	
Chloroethane	0.88J	ug/L	1.0	0.37	1		05/26/17 02:48	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/26/17 02:48	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 02:48	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 02:48	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/26/17 02:48	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/26/17 02:48	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/26/17 02:48	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:48	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/26/17 02:48	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/26/17 02:48	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/26/17 02:48	1634-04-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: MW-112 **Lab ID: 40150306020** Collected: 05/16/17 13:30 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/26/17 02:48	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/26/17 02:48	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:48	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:48	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:48	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/26/17 02:48	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/26/17 02:48	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/26/17 02:48	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/26/17 02:48	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/26/17 02:48	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:48	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/26/17 02:48	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:48	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:48	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:48	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 02:48	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 02:48	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/26/17 02:48	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/26/17 02:48	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/26/17 02:48	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104	%	67-124		1		05/26/17 02:48	1868-53-7	
Toluene-d8 (S)	98	%	80-120		1		05/26/17 02:48	2037-26-5	
4-Bromofluorobenzene (S)	96	%	61-118		1		05/26/17 02:48	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: MW-112A **Lab ID: 40150306021** Collected: 05/16/17 13:40 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/25/17 18:05	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/25/17 18:05	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/25/17 18:05	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/25/17 18:05	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/25/17 18:05	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/25/17 18:05	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/25/17 18:05	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/25/17 18:05	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 18:05	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 18:05	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:05	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/25/17 18:05	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/25/17 18:05	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:05	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/25/17 18:05	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/25/17 18:05	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:05	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:05	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 18:05	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:05	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/25/17 18:05	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/25/17 18:05	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:05	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/25/17 18:05	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/25/17 18:05	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/25/17 18:05	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/25/17 18:05	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:05	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/25/17 18:05	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/25/17 18:05	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 18:05	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/25/17 18:05	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/25/17 18:05	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/25/17 18:05	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:05	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/25/17 18:05	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/25/17 18:05	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 18:05	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 18:05	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/25/17 18:05	74-95-3	
Dichlorodifluoromethane	0.25J	ug/L	1.0	0.22	1		05/25/17 18:05	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/25/17 18:05	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:05	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/25/17 18:05	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/25/17 18:05	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/25/17 18:05	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: MW-112A Lab ID: 40150306021 Collected: 05/16/17 13:40 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/25/17 18:05	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/25/17 18:05	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:05	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:05	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:05	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/25/17 18:05	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/25/17 18:05	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/25/17 18:05	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/25/17 18:05	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 18:05	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:05	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/25/17 18:05	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:05	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:05	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:05	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:05	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 18:05	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/25/17 18:05	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 18:05	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/25/17 18:05	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101	%	67-124		1		05/25/17 18:05	1868-53-7	
Toluene-d8 (S)	99	%	80-120		1		05/25/17 18:05	2037-26-5	
4-Bromofluorobenzene (S)	73	%	61-118		1		05/25/17 18:05	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: MW-112B **Lab ID: 40150306022** Collected: 05/16/17 13:15 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/25/17 18:30	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/25/17 18:30	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/25/17 18:30	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/25/17 18:30	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/25/17 18:30	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/25/17 18:30	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/25/17 18:30	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/25/17 18:30	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 18:30	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 18:30	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:30	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/25/17 18:30	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/25/17 18:30	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:30	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/25/17 18:30	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/25/17 18:30	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:30	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:30	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 18:30	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:30	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/25/17 18:30	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/25/17 18:30	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:30	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/25/17 18:30	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/25/17 18:30	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/25/17 18:30	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/25/17 18:30	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:30	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/25/17 18:30	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/25/17 18:30	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 18:30	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/25/17 18:30	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/25/17 18:30	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/25/17 18:30	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:30	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/25/17 18:30	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/25/17 18:30	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 18:30	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 18:30	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/25/17 18:30	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/25/17 18:30	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/25/17 18:30	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:30	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/25/17 18:30	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/25/17 18:30	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/25/17 18:30	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR
Pace Project No.: 40150306

Sample: MW-112B **Lab ID: 40150306022** Collected: 05/16/17 13:15 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/25/17 18:30	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/25/17 18:30	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:30	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:30	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:30	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/25/17 18:30	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/25/17 18:30	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/25/17 18:30	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/25/17 18:30	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 18:30	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:30	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/25/17 18:30	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:30	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:30	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:30	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:30	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 18:30	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/25/17 18:30	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 18:30	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/25/17 18:30	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	99	%	67-124		1		05/25/17 18:30	1868-53-7	
Toluene-d8 (S)	98	%	80-120		1		05/25/17 18:30	2037-26-5	
4-Bromofluorobenzene (S)	87	%	61-118		1		05/25/17 18:30	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: MW-114 **Lab ID: 40150306023** Collected: 05/16/17 17:00 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/25/17 16:47	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/25/17 16:47	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/25/17 16:47	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/25/17 16:47	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/25/17 16:47	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/25/17 16:47	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/25/17 16:47	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/25/17 16:47	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 16:47	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 16:47	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:47	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/25/17 16:47	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/25/17 16:47	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:47	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/25/17 16:47	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/25/17 16:47	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:47	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:47	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 16:47	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:47	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/25/17 16:47	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/25/17 16:47	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:47	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/25/17 16:47	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/25/17 16:47	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/25/17 16:47	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/25/17 16:47	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:47	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/25/17 16:47	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/25/17 16:47	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 16:47	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/25/17 16:47	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/25/17 16:47	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/25/17 16:47	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:47	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/25/17 16:47	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/25/17 16:47	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 16:47	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 16:47	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/25/17 16:47	74-95-3	
Dichlorodifluoromethane	3.2	ug/L	1.0	0.22	1		05/25/17 16:47	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/25/17 16:47	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:47	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/25/17 16:47	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/25/17 16:47	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/25/17 16:47	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: MW-114 **Lab ID: 40150306023** Collected: 05/16/17 17:00 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/25/17 16:47	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/25/17 16:47	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:47	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:47	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:47	108-88-3	
Trichloroethene	2.0	ug/L	1.0	0.33	1		05/25/17 16:47	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/25/17 16:47	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/25/17 16:47	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/25/17 16:47	1330-20-7	
cis-1,2-Dichloroethene	0.96J	ug/L	1.0	0.26	1		05/25/17 16:47	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:47	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/25/17 16:47	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:47	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:47	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:47	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:47	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 16:47	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/25/17 16:47	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 16:47	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/25/17 16:47	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	99	%	67-124		1		05/25/17 16:47	1868-53-7	
Toluene-d8 (S)	99	%	80-120		1		05/25/17 16:47	2037-26-5	
4-Bromofluorobenzene (S)	88	%	61-118		1		05/25/17 16:47	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR
Pace Project No.: 40150306

Sample: MW-114A **Lab ID: 40150306024** Collected: 05/16/17 17:35 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/25/17 17:13	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/25/17 17:13	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/25/17 17:13	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/25/17 17:13	79-00-5	
1,1-Dichloroethane	1.7	ug/L	1.0	0.24	1		05/25/17 17:13	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/25/17 17:13	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/25/17 17:13	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/25/17 17:13	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 17:13	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 17:13	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:13	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/25/17 17:13	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/25/17 17:13	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:13	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/25/17 17:13	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/25/17 17:13	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:13	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:13	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 17:13	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:13	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/25/17 17:13	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/25/17 17:13	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:13	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/25/17 17:13	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/25/17 17:13	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/25/17 17:13	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/25/17 17:13	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:13	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/25/17 17:13	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/25/17 17:13	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 17:13	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/25/17 17:13	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/25/17 17:13	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/25/17 17:13	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:13	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/25/17 17:13	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/25/17 17:13	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 17:13	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 17:13	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/25/17 17:13	74-95-3	
Dichlorodifluoromethane	0.32J	ug/L	1.0	0.22	1		05/25/17 17:13	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/25/17 17:13	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:13	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/25/17 17:13	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/25/17 17:13	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/25/17 17:13	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: MW-114A **Lab ID: 40150306024** Collected: 05/16/17 17:35 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/25/17 17:13	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/25/17 17:13	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:13	100-42-5	
Tetrachloroethene	23.0	ug/L	1.0	0.50	1		05/25/17 17:13	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:13	108-88-3	
Trichloroethene	5.1	ug/L	1.0	0.33	1		05/25/17 17:13	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/25/17 17:13	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/25/17 17:13	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/25/17 17:13	1330-20-7	
cis-1,2-Dichloroethene	0.59J	ug/L	1.0	0.26	1		05/25/17 17:13	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:13	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/25/17 17:13	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:13	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:13	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:13	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:13	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 17:13	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/25/17 17:13	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 17:13	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/25/17 17:13	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101	%	67-124		1		05/25/17 17:13	1868-53-7	
Toluene-d8 (S)	98	%	80-120		1		05/25/17 17:13	2037-26-5	
4-Bromofluorobenzene (S)	88	%	61-118		1		05/25/17 17:13	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: MW-114B **Lab ID: 40150306025** Collected: 05/16/17 17:10 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/24/17 12:06	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/24/17 12:06	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/24/17 12:06	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/24/17 12:06	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/24/17 12:06	75-34-3	M1
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/24/17 12:06	75-35-4	M1
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/24/17 12:06	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/24/17 12:06	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/24/17 12:06	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/24/17 12:06	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/24/17 12:06	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/24/17 12:06	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/24/17 12:06	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/24/17 12:06	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/24/17 12:06	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/24/17 12:06	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/24/17 12:06	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/24/17 12:06	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/24/17 12:06	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/24/17 12:06	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/24/17 12:06	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/24/17 12:06	78-93-3	L1
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/24/17 12:06	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/24/17 12:06	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/24/17 12:06	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/24/17 12:06	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/24/17 12:06	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/24/17 12:06	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/24/17 12:06	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/24/17 12:06	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/24/17 12:06	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/24/17 12:06	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/24/17 12:06	74-83-9	M1
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/24/17 12:06	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/24/17 12:06	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/24/17 12:06	75-00-3	M1
Chloroform	<2.5	ug/L	5.0	2.5	1		05/24/17 12:06	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/24/17 12:06	74-87-3	M1
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/24/17 12:06	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/24/17 12:06	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/24/17 12:06	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/24/17 12:06	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/24/17 12:06	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/24/17 12:06	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/24/17 12:06	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/24/17 12:06	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: MW-114B **Lab ID: 40150306025** Collected: 05/16/17 17:10 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/24/17 12:06	75-09-2	M1
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/24/17 12:06	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/24/17 12:06	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/24/17 12:06	127-18-4	
Toluene	0.83J	ug/L	1.0	0.50	1		05/24/17 12:06	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/24/17 12:06	79-01-6	M1
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/24/17 12:06	75-69-4	M1
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/24/17 12:06	75-01-4	M1
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/24/17 12:06	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/24/17 12:06	156-59-2	M1
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/24/17 12:06	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/24/17 12:06	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/24/17 12:06	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/24/17 12:06	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/24/17 12:06	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/24/17 12:06	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/24/17 12:06	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/24/17 12:06	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/24/17 12:06	156-60-5	M1
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/24/17 12:06	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	97	%	67-124		1		05/24/17 12:06	1868-53-7	
Toluene-d8 (S)	102	%	80-120		1		05/24/17 12:06	2037-26-5	
4-Bromofluorobenzene (S)	95	%	61-118		1		05/24/17 12:06	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: MW-116 **Lab ID: 40150306026** Collected: 05/16/17 15:15 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/24/17 13:56	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/24/17 13:56	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/24/17 13:56	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/24/17 13:56	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/24/17 13:56	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/24/17 13:56	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/24/17 13:56	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/24/17 13:56	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/24/17 13:56	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/24/17 13:56	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/24/17 13:56	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/24/17 13:56	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/24/17 13:56	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/24/17 13:56	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/24/17 13:56	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/24/17 13:56	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/24/17 13:56	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/24/17 13:56	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/24/17 13:56	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/24/17 13:56	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/24/17 13:56	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/24/17 13:56	78-93-3	L1
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/24/17 13:56	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/24/17 13:56	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/24/17 13:56	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/24/17 13:56	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/24/17 13:56	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/24/17 13:56	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/24/17 13:56	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/24/17 13:56	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/24/17 13:56	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/24/17 13:56	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/24/17 13:56	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/24/17 13:56	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/24/17 13:56	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/24/17 13:56	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/24/17 13:56	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/24/17 13:56	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/24/17 13:56	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/24/17 13:56	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/24/17 13:56	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/24/17 13:56	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/24/17 13:56	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/24/17 13:56	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/24/17 13:56	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/24/17 13:56	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: MW-116 **Lab ID: 40150306026** Collected: 05/16/17 15:15 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/24/17 13:56	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/24/17 13:56	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/24/17 13:56	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/24/17 13:56	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/24/17 13:56	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/24/17 13:56	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/24/17 13:56	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/24/17 13:56	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/24/17 13:56	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/24/17 13:56	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/24/17 13:56	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/24/17 13:56	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/24/17 13:56	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/24/17 13:56	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/24/17 13:56	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/24/17 13:56	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/24/17 13:56	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/24/17 13:56	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/24/17 13:56	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/24/17 13:56	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101	%	67-124		1		05/24/17 13:56	1868-53-7	
Toluene-d8 (S)	95	%	80-120		1		05/24/17 13:56	2037-26-5	
4-Bromofluorobenzene (S)	95	%	61-118		1		05/24/17 13:56	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: SEEP 2N **Lab ID: 40150306027** Collected: 05/16/17 11:25 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/24/17 15:25	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/24/17 15:25	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/24/17 15:25	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/24/17 15:25	79-00-5	
1,1-Dichloroethane	9.9	ug/L	1.0	0.24	1		05/24/17 15:25	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/24/17 15:25	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/24/17 15:25	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/24/17 15:25	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/24/17 15:25	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/24/17 15:25	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/24/17 15:25	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/24/17 15:25	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/24/17 15:25	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/24/17 15:25	95-50-1	
1,2-Dichloroethane	2.9	ug/L	1.0	0.17	1		05/24/17 15:25	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/24/17 15:25	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/24/17 15:25	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/24/17 15:25	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/24/17 15:25	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/24/17 15:25	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/24/17 15:25	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/24/17 15:25	78-93-3	L1
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/24/17 15:25	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/24/17 15:25	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/24/17 15:25	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/24/17 15:25	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/24/17 15:25	67-64-1	
Benzene	0.76J	ug/L	1.0	0.50	1		05/24/17 15:25	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/24/17 15:25	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/24/17 15:25	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/24/17 15:25	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/24/17 15:25	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/24/17 15:25	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/24/17 15:25	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/24/17 15:25	108-90-7	
Chloroethane	20.7	ug/L	1.0	0.37	1		05/24/17 15:25	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/24/17 15:25	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/24/17 15:25	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/24/17 15:25	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/24/17 15:25	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/24/17 15:25	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/24/17 15:25	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/24/17 15:25	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/24/17 15:25	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/24/17 15:25	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/24/17 15:25	1634-04-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: SEEP 2N **Lab ID: 40150306027** Collected: 05/16/17 11:25 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/24/17 15:25	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/24/17 15:25	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/24/17 15:25	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/24/17 15:25	127-18-4	
Toluene	2.4	ug/L	1.0	0.50	1		05/24/17 15:25	108-88-3	
Trichloroethene	0.46J	ug/L	1.0	0.33	1		05/24/17 15:25	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/24/17 15:25	75-69-4	
Vinyl chloride	0.87J	ug/L	1.0	0.18	1		05/24/17 15:25	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/24/17 15:25	1330-20-7	
cis-1,2-Dichloroethene	2.9	ug/L	1.0	0.26	1		05/24/17 15:25	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/24/17 15:25	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/24/17 15:25	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/24/17 15:25	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/24/17 15:25	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/24/17 15:25	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/24/17 15:25	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/24/17 15:25	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/24/17 15:25	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/24/17 15:25	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/24/17 15:25	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104	%	67-124		1		05/24/17 15:25	1868-53-7	
Toluene-d8 (S)	95	%	80-120		1		05/24/17 15:25	2037-26-5	
4-Bromofluorobenzene (S)	90	%	61-118		1		05/24/17 15:25	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: SEEP 2N DUP **Lab ID: 40150306028** Collected: 05/16/17 11:25 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/26/17 13:41	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/26/17 13:41	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/26/17 13:41	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/26/17 13:41	79-00-5	
1,1-Dichloroethane	6.2	ug/L	1.0	0.24	1		05/26/17 13:41	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/26/17 13:41	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/26/17 13:41	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/26/17 13:41	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 13:41	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 13:41	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 13:41	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/26/17 13:41	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/26/17 13:41	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 13:41	95-50-1	
1,2-Dichloroethane	2.2	ug/L	1.0	0.17	1		05/26/17 13:41	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/26/17 13:41	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 13:41	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 13:41	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 13:41	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 13:41	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/26/17 13:41	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/26/17 13:41	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 13:41	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/26/17 13:41	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/26/17 13:41	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/26/17 13:41	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/26/17 13:41	67-64-1	
Benzene	0.54J	ug/L	1.0	0.50	1		05/26/17 13:41	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/26/17 13:41	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/26/17 13:41	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 13:41	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/26/17 13:41	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/26/17 13:41	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/26/17 13:41	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 13:41	108-90-7	
Chloroethane	14.1	ug/L	1.0	0.37	1		05/26/17 13:41	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/26/17 13:41	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 13:41	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 13:41	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/26/17 13:41	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/26/17 13:41	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/26/17 13:41	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 13:41	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/26/17 13:41	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/26/17 13:41	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/26/17 13:41	1634-04-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: SEEP 2N DUP **Lab ID: 40150306028** Collected: 05/16/17 11:25 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/26/17 13:41	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/26/17 13:41	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/26/17 13:41	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/26/17 13:41	127-18-4	
Toluene	3.0	ug/L	1.0	0.50	1		05/26/17 13:41	108-88-3	
Trichloroethene	0.41J	ug/L	1.0	0.33	1		05/26/17 13:41	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/26/17 13:41	75-69-4	
Vinyl chloride	0.83J	ug/L	1.0	0.18	1		05/26/17 13:41	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/26/17 13:41	1330-20-7	
cis-1,2-Dichloroethene	1.7	ug/L	1.0	0.26	1		05/26/17 13:41	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/26/17 13:41	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/26/17 13:41	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 13:41	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 13:41	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/26/17 13:41	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 13:41	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 13:41	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/26/17 13:41	98-06-6	
trans-1,2-Dichloroethene	0.32J	ug/L	1.0	0.26	1		05/26/17 13:41	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/26/17 13:41	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102	%	67-124		1		05/26/17 13:41	1868-53-7	
Toluene-d8 (S)	100	%	80-120		1		05/26/17 13:41	2037-26-5	
4-Bromofluorobenzene (S)	81	%	61-118		1		05/26/17 13:41	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: SEEP 7N **Lab ID: 40150306029** Collected: 05/16/17 11:35 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/26/17 14:04	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/26/17 14:04	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/26/17 14:04	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/26/17 14:04	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/26/17 14:04	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/26/17 14:04	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/26/17 14:04	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/26/17 14:04	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 14:04	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 14:04	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:04	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/26/17 14:04	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/26/17 14:04	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:04	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/26/17 14:04	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/26/17 14:04	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:04	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:04	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 14:04	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:04	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/26/17 14:04	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/26/17 14:04	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:04	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/26/17 14:04	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/26/17 14:04	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/26/17 14:04	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/26/17 14:04	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:04	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/26/17 14:04	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/26/17 14:04	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 14:04	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/26/17 14:04	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/26/17 14:04	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/26/17 14:04	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:04	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/26/17 14:04	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/26/17 14:04	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 14:04	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 14:04	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/26/17 14:04	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/26/17 14:04	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/26/17 14:04	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:04	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/26/17 14:04	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/26/17 14:04	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/26/17 14:04	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: SEEP 7N **Lab ID: 40150306029** Collected: 05/16/17 11:35 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/26/17 14:04	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/26/17 14:04	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:04	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:04	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:04	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/26/17 14:04	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/26/17 14:04	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/26/17 14:04	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/26/17 14:04	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/26/17 14:04	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:04	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/26/17 14:04	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:04	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:04	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:04	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:04	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 14:04	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/26/17 14:04	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/26/17 14:04	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/26/17 14:04	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104	%	67-124		1		05/26/17 14:04	1868-53-7	
Toluene-d8 (S)	96	%	80-120		1		05/26/17 14:04	2037-26-5	
4-Bromofluorobenzene (S)	82	%	61-118		1		05/26/17 14:04	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: SEEP 8N **Lab ID: 40150306030** Collected: 05/16/17 11:45 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/26/17 14:27	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/26/17 14:27	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/26/17 14:27	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/26/17 14:27	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/26/17 14:27	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/26/17 14:27	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/26/17 14:27	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/26/17 14:27	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 14:27	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 14:27	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:27	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/26/17 14:27	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/26/17 14:27	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:27	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/26/17 14:27	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/26/17 14:27	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:27	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:27	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 14:27	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:27	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/26/17 14:27	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/26/17 14:27	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:27	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/26/17 14:27	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/26/17 14:27	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/26/17 14:27	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/26/17 14:27	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:27	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/26/17 14:27	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/26/17 14:27	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 14:27	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/26/17 14:27	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/26/17 14:27	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/26/17 14:27	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:27	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/26/17 14:27	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/26/17 14:27	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 14:27	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 14:27	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/26/17 14:27	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/26/17 14:27	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/26/17 14:27	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:27	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/26/17 14:27	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/26/17 14:27	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/26/17 14:27	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR
Pace Project No.: 40150306

Sample: SEEP 8N **Lab ID: 40150306030** Collected: 05/16/17 11:45 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/26/17 14:27	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/26/17 14:27	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:27	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:27	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:27	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/26/17 14:27	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/26/17 14:27	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/26/17 14:27	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/26/17 14:27	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/26/17 14:27	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:27	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/26/17 14:27	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:27	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:27	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:27	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 14:27	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 14:27	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/26/17 14:27	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/26/17 14:27	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/26/17 14:27	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106	%	67-124		1		05/26/17 14:27	1868-53-7	
Toluene-d8 (S)	100	%	80-120		1		05/26/17 14:27	2037-26-5	
4-Bromofluorobenzene (S)	81	%	61-118		1		05/26/17 14:27	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: FIELD BLANK **Lab ID: 40150306031** Collected: 05/16/17 12:15 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/26/17 18:28	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/26/17 18:28	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/26/17 18:28	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/26/17 18:28	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/26/17 18:28	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/26/17 18:28	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/26/17 18:28	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/26/17 18:28	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 18:28	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 18:28	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:28	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/26/17 18:28	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/26/17 18:28	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:28	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/26/17 18:28	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/26/17 18:28	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:28	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:28	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 18:28	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:28	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/26/17 18:28	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/26/17 18:28	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:28	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/26/17 18:28	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/26/17 18:28	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/26/17 18:28	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/26/17 18:28	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:28	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/26/17 18:28	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/26/17 18:28	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 18:28	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/26/17 18:28	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/26/17 18:28	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/26/17 18:28	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:28	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/26/17 18:28	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/26/17 18:28	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 18:28	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 18:28	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/26/17 18:28	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/26/17 18:28	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/26/17 18:28	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:28	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/26/17 18:28	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/26/17 18:28	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/26/17 18:28	1634-04-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: FIELD BLANK **Lab ID: 40150306031** Collected: 05/16/17 12:15 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/26/17 18:28	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/26/17 18:28	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:28	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:28	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:28	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/26/17 18:28	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/26/17 18:28	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/26/17 18:28	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/26/17 18:28	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/26/17 18:28	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:28	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/26/17 18:28	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:28	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:28	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:28	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:28	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 18:28	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/26/17 18:28	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/26/17 18:28	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/26/17 18:28	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	99	%	67-124		1		05/26/17 18:28	1868-53-7	
Toluene-d8 (S)	96	%	80-120		1		05/26/17 18:28	2037-26-5	
4-Bromofluorobenzene (S)	87	%	61-118		1		05/26/17 18:28	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: METHOD BLANK **Lab ID: 40150306032** Collected: 05/16/17 17:15 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/26/17 18:50	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/26/17 18:50	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/26/17 18:50	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/26/17 18:50	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/26/17 18:50	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/26/17 18:50	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/26/17 18:50	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/26/17 18:50	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 18:50	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 18:50	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:50	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/26/17 18:50	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/26/17 18:50	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:50	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/26/17 18:50	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/26/17 18:50	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:50	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:50	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 18:50	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:50	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/26/17 18:50	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/26/17 18:50	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:50	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/26/17 18:50	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/26/17 18:50	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/26/17 18:50	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/26/17 18:50	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:50	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/26/17 18:50	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/26/17 18:50	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 18:50	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/26/17 18:50	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/26/17 18:50	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/26/17 18:50	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:50	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/26/17 18:50	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/26/17 18:50	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 18:50	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 18:50	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/26/17 18:50	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/26/17 18:50	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/26/17 18:50	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:50	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/26/17 18:50	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/26/17 18:50	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/26/17 18:50	1634-04-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: METHOD BLANK **Lab ID: 40150306032** Collected: 05/16/17 17:15 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/26/17 18:50	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/26/17 18:50	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:50	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:50	127-18-4	
Toluene	0.77J	ug/L	1.0	0.50	1		05/26/17 18:50	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/26/17 18:50	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/26/17 18:50	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/26/17 18:50	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/26/17 18:50	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/26/17 18:50	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:50	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/26/17 18:50	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:50	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:50	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:50	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 18:50	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 18:50	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/26/17 18:50	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/26/17 18:50	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/26/17 18:50	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100	%	67-124		1		05/26/17 18:50	1868-53-7	
Toluene-d8 (S)	99	%	80-120		1		05/26/17 18:50	2037-26-5	
4-Bromofluorobenzene (S)	83	%	61-118		1		05/26/17 18:50	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: TRIP BLANK **Lab ID: 40150306033** Collected: 05/16/17 00:00 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/26/17 19:13	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/26/17 19:13	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/26/17 19:13	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/26/17 19:13	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/26/17 19:13	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/26/17 19:13	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/26/17 19:13	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/26/17 19:13	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 19:13	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 19:13	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 19:13	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/26/17 19:13	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/26/17 19:13	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 19:13	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/26/17 19:13	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/26/17 19:13	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 19:13	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 19:13	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 19:13	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 19:13	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/26/17 19:13	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/26/17 19:13	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 19:13	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/26/17 19:13	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/26/17 19:13	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/26/17 19:13	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/26/17 19:13	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/26/17 19:13	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/26/17 19:13	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/26/17 19:13	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 19:13	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/26/17 19:13	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/26/17 19:13	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/26/17 19:13	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 19:13	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/26/17 19:13	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/26/17 19:13	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 19:13	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 19:13	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/26/17 19:13	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/26/17 19:13	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/26/17 19:13	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 19:13	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/26/17 19:13	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/26/17 19:13	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/26/17 19:13	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150306

Sample: TRIP BLANK **Lab ID: 40150306033** Collected: 05/16/17 00:00 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/26/17 19:13	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/26/17 19:13	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/26/17 19:13	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/26/17 19:13	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/26/17 19:13	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/26/17 19:13	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/26/17 19:13	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/26/17 19:13	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/26/17 19:13	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/26/17 19:13	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/26/17 19:13	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/26/17 19:13	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 19:13	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 19:13	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/26/17 19:13	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 19:13	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 19:13	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/26/17 19:13	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/26/17 19:13	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/26/17 19:13	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103	%	67-124		1		05/26/17 19:13	1868-53-7	
Toluene-d8 (S)	99	%	80-120		1		05/26/17 19:13	2037-26-5	
4-Bromofluorobenzene (S)	82	%	61-118		1		05/26/17 19:13	460-00-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 55929.005 WRR
Pace Project No.: 40150306

QC Batch: 256298 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Oxygenates
Associated Lab Samples: 40150306001, 40150306002, 40150306003, 40150306004, 40150306005, 40150306006, 40150306007, 40150306008, 40150306009, 40150306010, 40150306011, 40150306012, 40150306013, 40150306014, 40150306015, 40150306016, 40150306017, 40150306019, 40150306020

METHOD BLANK: 1511128 Matrix: Water
Associated Lab Samples: 40150306001, 40150306002, 40150306003, 40150306004, 40150306005, 40150306006, 40150306007, 40150306008, 40150306009, 40150306010, 40150306011, 40150306012, 40150306013, 40150306014, 40150306015, 40150306016, 40150306017, 40150306019, 40150306020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	05/25/17 06:52	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	05/25/17 06:52	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	05/25/17 06:52	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	05/25/17 06:52	
1,1-Dichloroethane	ug/L	<0.24	1.0	05/25/17 06:52	
1,1-Dichloroethane	ug/L	<0.41	1.0	05/25/17 06:52	
1,1-Dichloropropene	ug/L	<0.44	1.0	05/25/17 06:52	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	05/25/17 06:52	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	05/25/17 06:52	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	05/25/17 06:52	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	05/25/17 06:52	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	05/25/17 06:52	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	05/25/17 06:52	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	05/25/17 06:52	
1,2-Dichloroethane	ug/L	<0.17	1.0	05/25/17 06:52	
1,2-Dichloropropane	ug/L	<0.23	1.0	05/25/17 06:52	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	05/25/17 06:52	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	05/25/17 06:52	
1,3-Dichloropropane	ug/L	<0.50	1.0	05/25/17 06:52	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	05/25/17 06:52	
2,2-Dichloropropane	ug/L	<0.48	1.0	05/25/17 06:52	
2-Butanone (MEK)	ug/L	<3.0	20.0	05/25/17 06:52	
2-Chlorotoluene	ug/L	<0.50	1.0	05/25/17 06:52	
2-Propanol	ug/L	<24.3	250	05/25/17 06:52	
4-Chlorotoluene	ug/L	<0.21	1.0	05/25/17 06:52	
4-Methyl-2-pentanone (MIBK)	ug/L	<2.1	5.0	05/25/17 06:52	
Acetone	ug/L	<3.0	20.0	05/25/17 06:52	
Benzene	ug/L	<0.50	1.0	05/25/17 06:52	
Bromobenzene	ug/L	<0.23	1.0	05/25/17 06:52	
Bromochloromethane	ug/L	<0.34	1.0	05/25/17 06:52	
Bromodichloromethane	ug/L	<0.50	1.0	05/25/17 06:52	
Bromoform	ug/L	<0.50	1.0	05/25/17 06:52	
Bromomethane	ug/L	<2.4	5.0	05/25/17 06:52	
Carbon tetrachloride	ug/L	<0.50	1.0	05/25/17 06:52	
Chlorobenzene	ug/L	<0.50	1.0	05/25/17 06:52	
Chloroethane	ug/L	<0.37	1.0	05/25/17 06:52	
Chloroform	ug/L	<2.5	5.0	05/25/17 06:52	
Chloromethane	ug/L	<0.50	1.0	05/25/17 06:52	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 55929.005 WRR

Pace Project No.: 40150306

METHOD BLANK: 1511128

Matrix: Water

Associated Lab Samples: 40150306001, 40150306002, 40150306003, 40150306004, 40150306005, 40150306006, 40150306007, 40150306008, 40150306009, 40150306010, 40150306011, 40150306012, 40150306013, 40150306014, 40150306015, 40150306016, 40150306017, 40150306019, 40150306020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	05/25/17 06:52	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	05/25/17 06:52	
Dibromochloromethane	ug/L	<0.50	1.0	05/25/17 06:52	
Dibromomethane	ug/L	<0.43	1.0	05/25/17 06:52	
Dichlorodifluoromethane	ug/L	<0.22	1.0	05/25/17 06:52	
Diisopropyl ether	ug/L	<0.50	1.0	05/25/17 06:52	
Ethylbenzene	ug/L	<0.50	1.0	05/25/17 06:52	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	05/25/17 06:52	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	05/25/17 06:52	
m&p-Xylene	ug/L	<1.0	2.0	05/25/17 06:52	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	05/25/17 06:52	
Methylene Chloride	ug/L	<0.23	1.0	05/25/17 06:52	
n-Butylbenzene	ug/L	<0.50	1.0	05/25/17 06:52	
n-Propylbenzene	ug/L	<0.50	1.0	05/25/17 06:52	
Naphthalene	ug/L	<2.5	5.0	05/25/17 06:52	
o-Xylene	ug/L	<0.50	1.0	05/25/17 06:52	
p-Isopropyltoluene	ug/L	<0.50	1.0	05/25/17 06:52	
sec-Butylbenzene	ug/L	<2.2	5.0	05/25/17 06:52	
Styrene	ug/L	<0.50	1.0	05/25/17 06:52	
tert-Butylbenzene	ug/L	<0.18	1.0	05/25/17 06:52	
Tetrachloroethene	ug/L	<0.50	1.0	05/25/17 06:52	
Toluene	ug/L	<0.50	1.0	05/25/17 06:52	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	05/25/17 06:52	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	05/25/17 06:52	
Trichloroethene	ug/L	<0.33	1.0	05/25/17 06:52	
Trichlorofluoromethane	ug/L	<0.18	1.0	05/25/17 06:52	
Vinyl chloride	ug/L	<0.18	1.0	05/25/17 06:52	
Xylene (Total)	ug/L	<1.5	3.0	05/25/17 06:52	
4-Bromofluorobenzene (S)	%	96	61-118	05/25/17 06:52	
Dibromofluoromethane (S)	%	102	67-124	05/25/17 06:52	
Toluene-d8 (S)	%	100	80-120	05/25/17 06:52	

LABORATORY CONTROL SAMPLE: 1511129

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	53.1	106	85-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.2	100	72-114	
1,1,2-Trichloroethane	ug/L	50	48.5	97	80-120	
1,1-Dichloroethane	ug/L	50	47.6	95	71-132	
1,1-Dichloroethene	ug/L	50	54.4	109	75-130	
1,2,4-Trichlorobenzene	ug/L	50	45.8	92	74-117	
1,2-Dibromo-3-chloropropane	ug/L	50	46.6	93	63-121	

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QUALITY CONTROL DATA

Project: 55929.005 WRR

Pace Project No.: 40150306

LABORATORY CONTROL SAMPLE: 1511129

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	48.8	98	80-120	
1,2-Dichlorobenzene	ug/L	50	49.0	98	80-120	
1,2-Dichloroethane	ug/L	50	51.3	103	79-131	
1,2-Dichloropropane	ug/L	50	49.1	98	80-120	
1,3-Dichlorobenzene	ug/L	50	46.7	93	80-120	
1,4-Dichlorobenzene	ug/L	50	44.3	89	80-120	
Benzene	ug/L	50	53.5	107	81-142	
Bromodichloromethane	ug/L	50	49.4	99	80-120	
Bromoform	ug/L	50	42.8	86	67-122	
Bromomethane	ug/L	50	40.1	80	40-128	
Carbon tetrachloride	ug/L	50	49.1	98	85-133	
Chlorobenzene	ug/L	50	48.8	98	80-120	
Chloroethane	ug/L	50	41.4	83	58-120	
Chloroform	ug/L	50	52.1	104	80-121	
Chloromethane	ug/L	50	37.3	75	40-127	
cis-1,2-Dichloroethene	ug/L	50	50.2	100	83-129	
cis-1,3-Dichloropropene	ug/L	50	42.9	86	80-120	
Dibromochloromethane	ug/L	50	43.0	86	80-120	
Dichlorodifluoromethane	ug/L	50	29.0	58	20-135	
Ethylbenzene	ug/L	50	50.7	101	87-129	
Isopropylbenzene (Cumene)	ug/L	50	45.3	91	82-128	
m&p-Xylene	ug/L	100	98.9	99	87-130	
Methyl-tert-butyl ether	ug/L	50	52.9	106	66-143	
Methylene Chloride	ug/L	50	51.0	102	73-126	
o-Xylene	ug/L	50	48.4	97	84-130	
Styrene	ug/L	50	44.3	89	82-122	
Tetrachloroethene	ug/L	50	42.9	86	80-120	
Toluene	ug/L	50	49.3	99	82-130	
trans-1,2-Dichloroethene	ug/L	50	54.1	108	75-132	
trans-1,3-Dichloropropene	ug/L	50	42.5	85	71-114	
Trichloroethene	ug/L	50	49.2	98	80-120	
Trichlorofluoromethane	ug/L	50	56.6	113	82-133	
Vinyl chloride	ug/L	50	50.2	100	57-136	
Xylene (Total)	ug/L	150	147	98	86-130	
4-Bromofluorobenzene (S)	%			102	61-118	
Dibromofluoromethane (S)	%			104	67-124	
Toluene-d8 (S)	%			99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1513183 1513184

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40150306010 Result	Spike Conc.	Spike Conc.	MS Result						
1,1,1-Trichloroethane	ug/L	<0.50	50	50	49.0	51.2	98	102	85-134	5	20
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	47.1	49.4	94	99	72-114	5	20
1,1,2-Trichloroethane	ug/L	<0.20	50	50	47.2	47.7	94	95	80-120	1	20

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QUALITY CONTROL DATA

Project: 55929.005 WRR

Pace Project No.: 40150306

Parameter	Units	40150306010		MS		MSD		MS		MSD		% Rec	Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec							
MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1513183 1513184																
1,1-Dichloroethane	ug/L	1.1	50	50	51.9	47.8	102	93	71-133	8	20					
1,1-Dichloroethene	ug/L	0.56J	50	50	50.6	52.7	100	104	75-136	4	20					
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	45.4	47.2	91	94	74-117	4	20					
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	43.8	45.4	88	91	63-123	4	20					
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	46.8	47.5	94	95	80-120	2	20					
1,2-Dichlorobenzene	ug/L	<0.50	50	50	47.5	48.8	95	98	80-120	3	20					
1,2-Dichloroethane	ug/L	<0.17	50	50	47.6	50.2	95	100	79-131	5	20					
1,2-Dichloropropane	ug/L	<0.23	50	50	47.8	48.2	96	96	80-120	1	20					
1,3-Dichlorobenzene	ug/L	<0.50	50	50	46.0	48.5	92	97	80-120	5	20					
1,4-Dichlorobenzene	ug/L	<0.50	50	50	44.6	46.4	89	92	80-120	4	20					
Benzene	ug/L	<0.50	50	50	49.8	52.6	100	105	81-142	5	20					
Bromodichloromethane	ug/L	<0.50	50	50	48.2	49.9	96	100	80-120	4	20					
Bromoform	ug/L	<0.50	50	50	40.9	42.1	82	84	67-122	3	20					
Bromomethane	ug/L	<2.4	50	50	35.7	38.6	71	77	40-129	8	20					
Carbon tetrachloride	ug/L	<0.50	50	50	46.6	48.7	93	97	85-134	4	20					
Chlorobenzene	ug/L	<0.50	50	50	47.6	49.7	95	99	80-120	4	20					
Chloroethane	ug/L	<0.37	50	50	36.7	39.2	73	78	58-120	7	20					
Chloroform	ug/L	<2.5	50	50	48.2	50.9	96	102	80-121	6	20					
Chloromethane	ug/L	<0.50	50	50	32.8	35.0	66	70	40-128	6	20					
cis-1,2-Dichloroethene	ug/L	3.5	50	50	50.7	52.5	94	98	83-129	4	20					
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	43.3	45.1	87	90	80-120	4	20					
Dibromochloromethane	ug/L	<0.50	50	50	41.8	42.7	84	85	80-120	2	20					
Dichlorodifluoromethane	ug/L	1.8	50	50	28.5	29.6	53	56	20-146	4	20					
Ethylbenzene	ug/L	<0.50	50	50	49.2	52.5	98	105	87-129	6	20					
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	43.4	47.0	87	94	80-128	8	20					
m&p-Xylene	ug/L	<1.0	100	100	95.7	102	95	101	87-130	6	20					
Methyl-tert-butyl ether	ug/L	<0.17	50	50	48.6	51.5	97	103	66-143	6	20					
Methylene Chloride	ug/L	<0.23	50	50	48.5	50.0	97	100	73-127	3	20					
o-Xylene	ug/L	<0.50	50	50	47.5	50.2	95	100	84-130	5	20					
Styrene	ug/L	<0.50	50	50	42.7	45.3	85	91	80-122	6	20					
Tetrachloroethene	ug/L	<0.50	50	50	42.2	45.9	84	92	80-120	8	20					
Toluene	ug/L	<0.50	50	50	47.5	50.6	95	101	82-131	6	20					
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	51.8	53.0	103	106	75-135	2	20					
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	42.4	43.7	85	87	71-120	3	20					
Trichloroethene	ug/L	2.7	50	50	51.0	52.5	97	100	80-120	3	20					
Trichlorofluoromethane	ug/L	<0.18	50	50	48.9	52.9	98	106	76-150	8	20					
Vinyl chloride	ug/L	0.85J	50	50	46.2	48.6	91	96	56-143	5	20					
Xylene (Total)	ug/L	<1.5	150	150	143	152	95	101	86-130	6	20					
4-Bromofluorobenzene (S)	%						103	102	61-118							
Dibromofluoromethane (S)	%						101	101	67-124							
Toluene-d8 (S)	%						99	100	80-120							

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QUALITY CONTROL DATA

Project: 55929.005 WRR
Pace Project No.: 40150306

QC Batch: 256299 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Oxygenates
Associated Lab Samples: 40150306021, 40150306022, 40150306023, 40150306024

METHOD BLANK: 1511130 Matrix: Water
Associated Lab Samples: 40150306021, 40150306022, 40150306023, 40150306024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	05/25/17 10:46	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	05/25/17 10:46	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	05/25/17 10:46	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	05/25/17 10:46	
1,1-Dichloroethane	ug/L	<0.24	1.0	05/25/17 10:46	
1,1-Dichloroethene	ug/L	<0.41	1.0	05/25/17 10:46	
1,1-Dichloropropene	ug/L	<0.44	1.0	05/25/17 10:46	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	05/25/17 10:46	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	05/25/17 10:46	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	05/25/17 10:46	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	05/25/17 10:46	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	05/25/17 10:46	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	05/25/17 10:46	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	05/25/17 10:46	
1,2-Dichloroethane	ug/L	<0.17	1.0	05/25/17 10:46	
1,2-Dichloropropane	ug/L	<0.23	1.0	05/25/17 10:46	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	05/25/17 10:46	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	05/25/17 10:46	
1,3-Dichloropropane	ug/L	<0.50	1.0	05/25/17 10:46	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	05/25/17 10:46	
2,2-Dichloropropane	ug/L	<0.48	1.0	05/25/17 10:46	
2-Butanone (MEK)	ug/L	<3.0	20.0	05/25/17 10:46	
2-Chlorotoluene	ug/L	<0.50	1.0	05/25/17 10:46	
2-Propanol	ug/L	<24.3	250	05/25/17 10:46	
4-Chlorotoluene	ug/L	<0.21	1.0	05/25/17 10:46	
4-Methyl-2-pentanone (MIBK)	ug/L	<2.1	5.0	05/25/17 10:46	
Acetone	ug/L	<3.0	20.0	05/25/17 10:46	
Benzene	ug/L	<0.50	1.0	05/25/17 10:46	
Bromobenzene	ug/L	<0.23	1.0	05/25/17 10:46	
Bromochloromethane	ug/L	<0.34	1.0	05/25/17 10:46	
Bromodichloromethane	ug/L	<0.50	1.0	05/25/17 10:46	
Bromoform	ug/L	<0.50	1.0	05/25/17 10:46	
Bromomethane	ug/L	<2.4	5.0	05/25/17 10:46	
Carbon tetrachloride	ug/L	<0.50	1.0	05/25/17 10:46	
Chlorobenzene	ug/L	<0.50	1.0	05/25/17 10:46	
Chloroethane	ug/L	<0.37	1.0	05/25/17 10:46	
Chloroform	ug/L	<2.5	5.0	05/25/17 10:46	
Chloromethane	ug/L	<0.50	1.0	05/25/17 10:46	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	05/25/17 10:46	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	05/25/17 10:46	
Dibromochloromethane	ug/L	<0.50	1.0	05/25/17 10:46	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 55929.005 WRR

Pace Project No.: 40150306

METHOD BLANK: 1511130

Matrix: Water

Associated Lab Samples: 40150306021, 40150306022, 40150306023, 40150306024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<0.43	1.0	05/25/17 10:46	
Dichlorodifluoromethane	ug/L	<0.22	1.0	05/25/17 10:46	
Diisopropyl ether	ug/L	<0.50	1.0	05/25/17 10:46	
Ethylbenzene	ug/L	<0.50	1.0	05/25/17 10:46	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	05/25/17 10:46	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	05/25/17 10:46	
m&p-Xylene	ug/L	<1.0	2.0	05/25/17 10:46	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	05/25/17 10:46	
Methylene Chloride	ug/L	<0.23	1.0	05/25/17 10:46	
n-Butylbenzene	ug/L	<0.50	1.0	05/25/17 10:46	
n-Propylbenzene	ug/L	<0.50	1.0	05/25/17 10:46	
Naphthalene	ug/L	<2.5	5.0	05/25/17 10:46	
o-Xylene	ug/L	<0.50	1.0	05/25/17 10:46	
p-Isopropyltoluene	ug/L	<0.50	1.0	05/25/17 10:46	
sec-Butylbenzene	ug/L	<2.2	5.0	05/25/17 10:46	
Styrene	ug/L	<0.50	1.0	05/25/17 10:46	
tert-Butylbenzene	ug/L	<0.18	1.0	05/25/17 10:46	
Tetrachloroethene	ug/L	<0.50	1.0	05/25/17 10:46	
Toluene	ug/L	<0.50	1.0	05/25/17 10:46	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	05/25/17 10:46	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	05/25/17 10:46	
Trichloroethene	ug/L	<0.33	1.0	05/25/17 10:46	
Trichlorofluoromethane	ug/L	<0.18	1.0	05/25/17 10:46	
Vinyl chloride	ug/L	<0.18	1.0	05/25/17 10:46	
Xylene (Total)	ug/L	<1.5	3.0	05/25/17 10:46	
4-Bromofluorobenzene (S)	%	89	61-118	05/25/17 10:46	
Dibromofluoromethane (S)	%	99	67-124	05/25/17 10:46	
Toluene-d8 (S)	%	100	80-120	05/25/17 10:46	

LABORATORY CONTROL SAMPLE: 1511131

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	49.3	99	85-130	
1,1,2,2-Tetrachloroethane	ug/L	50	48.4	97	72-114	
1,1,2-Trichloroethane	ug/L	50	51.4	103	80-120	
1,1-Dichloroethane	ug/L	50	49.7	99	71-132	
1,1-Dichloroethene	ug/L	50	49.0	98	75-130	
1,2,4-Trichlorobenzene	ug/L	50	54.6	109	74-117	
1,2-Dibromo-3-chloropropane	ug/L	50	49.5	99	63-121	
1,2-Dibromoethane (EDB)	ug/L	50	51.5	103	80-120	
1,2-Dichlorobenzene	ug/L	50	52.0	104	80-120	
1,2-Dichloroethane	ug/L	50	48.0	96	79-131	
1,2-Dichloropropane	ug/L	50	57.1	114	80-120	
1,3-Dichlorobenzene	ug/L	50	51.8	104	80-120	

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QUALITY CONTROL DATA

Project: 55929.005 WRR

Pace Project No.: 40150306

LABORATORY CONTROL SAMPLE: 1511131

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	51.4	103	80-120	
Benzene	ug/L	50	45.6	91	81-142	
Bromodichloromethane	ug/L	50	51.5	103	80-120	
Bromoform	ug/L	50	60.0	120	67-122	
Bromomethane	ug/L	50	36.2	72	40-128	
Carbon tetrachloride	ug/L	50	53.6	107	85-133	
Chlorobenzene	ug/L	50	53.5	107	80-120	
Chloroethane	ug/L	50	59.5	119	58-120	
Chloroform	ug/L	50	45.4	91	80-121	
Chloromethane	ug/L	50	57.3	115	40-127	
cis-1,2-Dichloroethene	ug/L	50	42.8	86	83-129	
cis-1,3-Dichloropropene	ug/L	50	54.9	110	80-120	
Dibromochloromethane	ug/L	50	53.7	107	80-120	
Dichlorodifluoromethane	ug/L	50	49.0	98	20-135	
Ethylbenzene	ug/L	50	53.2	106	87-129	
Isopropylbenzene (Cumene)	ug/L	50	54.7	109	82-128	
m&p-Xylene	ug/L	100	112	112	87-130	
Methyl-tert-butyl ether	ug/L	50	46.7	93	66-143	
Methylene Chloride	ug/L	50	40.5	81	73-126	
o-Xylene	ug/L	50	57.5	115	84-130	
Styrene	ug/L	50	50.9	102	82-122	
Tetrachloroethene	ug/L	50	56.1	112	80-120	
Toluene	ug/L	50	50.9	102	82-130	
trans-1,2-Dichloroethene	ug/L	50	47.2	94	75-132	
trans-1,3-Dichloropropene	ug/L	50	47.8	96	71-114	
Trichloroethene	ug/L	50	53.2	106	80-120	
Trichlorofluoromethane	ug/L	50	58.3	117	82-133	
Vinyl chloride	ug/L	50	62.0	124	57-136	
Xylene (Total)	ug/L	150	170	113	86-130	
4-Bromofluorobenzene (S)	%			98	61-118	
Dibromofluoromethane (S)	%			91	67-124	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1511598 1511599

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40150300002 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1-Trichloroethane	ug/L	2.4	50	50	50.2	48.1	96	91	85-134	4	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	49.8	47.0	100	94	72-114	6	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	53.2	49.5	106	99	80-120	7	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	48.5	47.2	97	94	71-133	3	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	45.6	47.2	91	94	75-136	3	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	54.8	51.0	110	102	74-117	7	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	49.6	47.0	99	94	63-123	5	20	

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QUALITY CONTROL DATA

Project: 55929.005 WRR

Pace Project No.: 40150306

Parameter	Units	40150300002		1511598		1511599		% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec						
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	53.0	50.5	106	101	80-120	5	20		
1,2-Dichlorobenzene	ug/L	<0.50	50	50	52.6	50.8	105	102	80-120	3	20		
1,2-Dichloroethane	ug/L	<0.17	50	50	46.7	44.5	93	89	79-131	5	20		
1,2-Dichloropropane	ug/L	<0.23	50	50	55.7	53.8	111	108	80-120	3	20		
1,3-Dichlorobenzene	ug/L	<0.50	50	50	52.2	49.9	104	100	80-120	5	20		
1,4-Dichlorobenzene	ug/L	<0.50	50	50	52.0	49.6	104	99	80-120	5	20		
Benzene	ug/L	<0.50	50	50	45.0	43.4	90	87	81-142	4	20		
Bromodichloromethane	ug/L	<0.50	50	50	51.8	49.3	104	99	80-120	5	20		
Bromoform	ug/L	<0.50	50	50	60.2	57.3	120	115	67-122	5	20		
Bromomethane	ug/L	<2.4	50	50	37.4	38.1	75	76	40-129	2	20		
Carbon tetrachloride	ug/L	<0.50	50	50	52.2	50.2	104	100	85-134	4	20		
Chlorobenzene	ug/L	<0.50	50	50	53.0	51.6	106	103	80-120	3	20		
Chloroethane	ug/L	<0.37	50	50	56.3	55.0	113	110	58-120	2	20		
Chloroform	ug/L	<2.5	50	50	44.2	42.8	88	86	80-121	3	20		
Chloromethane	ug/L	<0.50	50	50	55.0	55.3	110	111	40-128	0	20		
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	42.3	41.5	85	83	83-129	2	20		
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	54.2	54.0	108	108	80-120	0	20		
Dibromochloromethane	ug/L	<0.50	50	50	54.0	52.4	108	105	80-120	3	20		
Dichlorodifluoromethane	ug/L	<0.22	50	50	45.4	45.2	91	90	20-146	0	20		
Ethylbenzene	ug/L	<0.50	50	50	54.3	51.8	109	104	87-129	5	20		
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	55.5	53.5	111	107	80-128	4	20		
m&p-Xylene	ug/L	<1.0	100	100	113	108	113	108	87-130	5	20		
Methyl-tert-butyl ether	ug/L	<0.17	50	50	46.1	45.6	92	91	66-143	1	20		
Methylene Chloride	ug/L	<0.23	50	50	44.3	38.8	89	78	73-127	13	20		
o-Xylene	ug/L	<0.50	50	50	56.8	55.8	114	112	84-130	2	20		
Styrene	ug/L	<0.50	50	50	51.0	49.2	102	98	80-122	4	20		
Tetrachloroethene	ug/L	6.4	50	50	64.7	63.5	117	114	80-120	2	20		
Toluene	ug/L	<0.50	50	50	52.5	50.1	105	100	82-131	5	20		
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	45.9	44.7	92	89	75-135	3	20		
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	48.0	48.4	96	97	71-120	1	20		
Trichloroethene	ug/L	<0.33	50	50	52.6	51.6	105	103	80-120	2	20		
Trichlorofluoromethane	ug/L	<0.18	50	50	55.9	53.2	112	106	76-150	5	20		
Vinyl chloride	ug/L	<0.18	50	50	59.9	58.5	120	117	56-143	2	20		
Xylene (Total)	ug/L	<1.5	150	150	170	164	113	109	86-130	4	20		
4-Bromofluorobenzene (S)	%						102	101	61-118				
Dibromofluoromethane (S)	%						89	88	67-124				
Toluene-d8 (S)	%						101	102	80-120				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 55929.005 WRR
Pace Project No.: 40150306

QC Batch: 256587 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Oxygenates
Associated Lab Samples: 40150306025, 40150306026, 40150306027

METHOD BLANK: 1512198 Matrix: Water
Associated Lab Samples: 40150306025, 40150306026, 40150306027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	05/24/17 08:00	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	05/24/17 08:00	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	05/24/17 08:00	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	05/24/17 08:00	
1,1-Dichloroethane	ug/L	<0.24	1.0	05/24/17 08:00	
1,1-Dichloroethene	ug/L	<0.41	1.0	05/24/17 08:00	
1,1-Dichloropropene	ug/L	<0.44	1.0	05/24/17 08:00	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	05/24/17 08:00	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	05/24/17 08:00	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	05/24/17 08:00	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	05/24/17 08:00	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	05/24/17 08:00	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	05/24/17 08:00	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	05/24/17 08:00	
1,2-Dichloroethane	ug/L	<0.17	1.0	05/24/17 08:00	
1,2-Dichloropropane	ug/L	<0.23	1.0	05/24/17 08:00	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	05/24/17 08:00	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	05/24/17 08:00	
1,3-Dichloropropane	ug/L	<0.50	1.0	05/24/17 08:00	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	05/24/17 08:00	
2,2-Dichloropropane	ug/L	<0.48	1.0	05/24/17 08:00	
2-Butanone (MEK)	ug/L	<3.0	20.0	05/24/17 08:00	
2-Chlorotoluene	ug/L	<0.50	1.0	05/24/17 08:00	
2-Propanol	ug/L	<24.3	250	05/24/17 08:00	
4-Chlorotoluene	ug/L	<0.21	1.0	05/24/17 08:00	
4-Methyl-2-pentanone (MIBK)	ug/L	<2.1	5.0	05/24/17 08:00	
Acetone	ug/L	<3.0	20.0	05/24/17 08:00	
Benzene	ug/L	<0.50	1.0	05/24/17 08:00	
Bromobenzene	ug/L	<0.23	1.0	05/24/17 08:00	
Bromochloromethane	ug/L	<0.34	1.0	05/24/17 08:00	
Bromodichloromethane	ug/L	<0.50	1.0	05/24/17 08:00	
Bromoform	ug/L	<0.50	1.0	05/24/17 08:00	
Bromomethane	ug/L	<2.4	5.0	05/24/17 08:00	
Carbon tetrachloride	ug/L	<0.50	1.0	05/24/17 08:00	
Chlorobenzene	ug/L	<0.50	1.0	05/24/17 08:00	
Chloroethane	ug/L	<0.37	1.0	05/24/17 08:00	
Chloroform	ug/L	<2.5	5.0	05/24/17 08:00	
Chloromethane	ug/L	<0.50	1.0	05/24/17 08:00	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	05/24/17 08:00	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	05/24/17 08:00	
Dibromochloromethane	ug/L	<0.50	1.0	05/24/17 08:00	

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QUALITY CONTROL DATA

Project: 55929.005 WRR
Pace Project No.: 40150306

METHOD BLANK: 1512198 Matrix: Water
Associated Lab Samples: 40150306025, 40150306026, 40150306027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<0.43	1.0	05/24/17 08:00	
Dichlorodifluoromethane	ug/L	<0.22	1.0	05/24/17 08:00	
Diisopropyl ether	ug/L	<0.50	1.0	05/24/17 08:00	
Ethylbenzene	ug/L	<0.50	1.0	05/24/17 08:00	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	05/24/17 08:00	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	05/24/17 08:00	
m&p-Xylene	ug/L	<1.0	2.0	05/24/17 08:00	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	05/24/17 08:00	
Methylene Chloride	ug/L	<0.23	1.0	05/24/17 08:00	
n-Butylbenzene	ug/L	<0.50	1.0	05/24/17 08:00	
n-Propylbenzene	ug/L	<0.50	1.0	05/24/17 08:00	
Naphthalene	ug/L	<2.5	5.0	05/24/17 08:00	
o-Xylene	ug/L	<0.50	1.0	05/24/17 08:00	
p-Isopropyltoluene	ug/L	<0.50	1.0	05/24/17 08:00	
sec-Butylbenzene	ug/L	<2.2	5.0	05/24/17 08:00	
Styrene	ug/L	<0.50	1.0	05/24/17 08:00	
tert-Butylbenzene	ug/L	<0.18	1.0	05/24/17 08:00	
Tetrachloroethene	ug/L	<0.50	1.0	05/24/17 08:00	
Toluene	ug/L	<0.50	1.0	05/24/17 08:00	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	05/24/17 08:00	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	05/24/17 08:00	
Trichloroethene	ug/L	<0.33	1.0	05/24/17 08:00	
Trichlorofluoromethane	ug/L	<0.18	1.0	05/24/17 08:00	
Vinyl chloride	ug/L	<0.18	1.0	05/24/17 08:00	
Xylene (Total)	ug/L	<1.5	3.0	05/24/17 08:00	
4-Bromofluorobenzene (S)	%	95	61-118	05/24/17 08:00	
Dibromofluoromethane (S)	%	99	67-124	05/24/17 08:00	
Toluene-d8 (S)	%	102	80-120	05/24/17 08:00	

LABORATORY CONTROL SAMPLE & LCSD: 1512199

Parameter	Units	Spike Conc.	1512200		LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
			LCS Result	LCSD Result						
1,1,1,2-Tetrachloroethane	ug/L	50	47.0	46.4	94	93	70-130	1	20	
1,1,1-Trichloroethane	ug/L	50	49.8	48.2	100	96	85-130	3	20	
1,1,2,2-Tetrachloroethane	ug/L	50	48.7	49.5	97	99	72-114	2	20	
1,1,2-Trichloroethane	ug/L	50	47.2	45.0	94	90	80-120	5	20	
1,1-Dichloroethane	ug/L	50	52.2	53.0	104	106	71-132	1	20	
1,1-Dichloroethene	ug/L	50	54.6	53.9	109	108	75-130	1	20	
1,1-Dichloropropene	ug/L	50	45.5	46.0	91	92	70-130	1	20	
1,2,3-Trichlorobenzene	ug/L	50	49.5	52.8	99	106	70-130	7	20	
1,2,3-Trichloropropane	ug/L	50	47.8	46.9	96	94	70-130	2	20	
1,2,4-Trichlorobenzene	ug/L	50	50.4	52.6	101	105	74-117	4	20	
1,2,4-Trimethylbenzene	ug/L	50	47.4	48.9	95	98	70-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	50	47.0	47.3	94	95	63-121	1	20	

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QUALITY CONTROL DATA

Project: 55929.005 WRR
Pace Project No.: 40150306

LABORATORY CONTROL SAMPLE & LCSD:		1512199	1512200		LCS	LCSD	% Rec		Max	
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	% Rec	% Rec	Limits	RPD	RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	48.3	46.0	97	92	80-120	5	20	
1,2-Dichlorobenzene	ug/L	50	48.7	48.9	97	98	80-120	0	20	
1,2-Dichloroethane	ug/L	50	50.4	51.6	101	103	79-131	2	20	
1,2-Dichloropropane	ug/L	50	49.9	51.2	100	102	80-120	2	20	
1,3,5-Trimethylbenzene	ug/L	50	47.9	48.6	96	97	70-130	1	20	
1,3-Dichlorobenzene	ug/L	50	47.3	48.8	95	98	80-120	3	20	
1,3-Dichloropropane	ug/L	50	50.5	48.0	101	96	70-130	5	20	
1,4-Dichlorobenzene	ug/L	50	51.0	50.6	102	101	80-120	1	20	
2,2-Dichloropropane	ug/L	50	60.8	55.7	122	111	70-130	9	20	
2-Butanone (MEK)	ug/L	50	61.7	82.3	123	165	50-150	29	20	L1,R1
2-Chlorotoluene	ug/L	50	47.4	45.4	95	91	70-130	4	20	
2-Propanol	ug/L	500	611	556	122	111	50-150	9	20	
4-Chlorotoluene	ug/L	50	47.9	47.3	96	95	70-130	1	20	
4-Methyl-2-pentanone (MIBK)	ug/L	50	56.3	53.8	113	108	50-150	5	20	
Acetone	ug/L	50	60.2	66.1	120	132	50-150	9	20	
Benzene	ug/L	50	45.6	46.8	91	94	81-142	2	20	
Bromobenzene	ug/L	50	47.3	47.6	95	95	70-130	1	20	
Bromochloromethane	ug/L	50	42.2	45.3	84	91	70-130	7	20	
Bromodichloromethane	ug/L	50	48.3	49.6	97	99	80-120	3	20	
Bromoform	ug/L	50	50.0	47.5	100	95	67-122	5	20	
Bromomethane	ug/L	50	56.6	48.3	113	97	40-128	16	20	
Carbon tetrachloride	ug/L	50	42.4	44.9	85	90	85-133	6	20	
Chlorobenzene	ug/L	50	49.0	45.9	98	92	80-120	6	20	
Chloroethane	ug/L	50	48.0	46.3	96	93	58-120	4	20	
Chloroform	ug/L	50	50.1	49.5	100	99	80-121	1	20	
Chloromethane	ug/L	50	46.1	48.7	92	97	40-127	5	20	
cis-1,2-Dichloroethene	ug/L	50	49.1	52.2	98	104	83-129	6	20	
cis-1,3-Dichloropropene	ug/L	50	50.3	49.5	101	99	80-120	1	20	
Dibromochloromethane	ug/L	50	46.1	44.6	92	89	80-120	3	20	
Dibromomethane	ug/L	50	49.5	47.1	99	94	70-130	5	20	
Dichlorodifluoromethane	ug/L	50	39.8	39.5	80	79	20-135	1	20	
Diisopropyl ether	ug/L	50	55.0	54.9	110	110	70-130	0	20	
Ethylbenzene	ug/L	50	49.7	48.3	99	97	87-129	3	20	
Hexachloro-1,3-butadiene	ug/L	50	53.0	53.7	106	107	70-130	1	20	
Isopropylbenzene (Cumene)	ug/L	50	48.5	45.4	97	91	82-128	6	20	
m&p-Xylene	ug/L	100	102	97.8	102	98	87-130	5	20	
Methyl-tert-butyl ether	ug/L	50	56.1	57.3	112	115	66-143	2	20	
Methylene Chloride	ug/L	50	48.2	49.4	96	99	73-126	2	20	
n-Butylbenzene	ug/L	50	51.0	50.6	102	101	70-130	1	20	
n-Propylbenzene	ug/L	50	46.7	51.0	93	102	70-130	9	20	
Naphthalene	ug/L	50	46.7	50.2	93	100	70-130	7	20	
o-Xylene	ug/L	50	50.6	48.1	101	96	84-130	5	20	
p-Isopropyltoluene	ug/L	50	49.2	51.1	98	102	70-130	4	20	
sec-Butylbenzene	ug/L	50	45.7	48.6	91	97	70-130	6	20	
Styrene	ug/L	50	49.6	47.7	99	95	82-122	4	20	
tert-Butylbenzene	ug/L	50	45.5	46.1	91	92	70-130	1	20	
Tetrachloroethene	ug/L	50	45.9	46.7	92	93	80-120	2	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 55929.005 WRR
Pace Project No.: 40150306

LABORATORY CONTROL SAMPLE & LCSD:		1512199		1512200							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
Toluene	ug/L	50	48.2	46.8	96	94	82-130	3	20		
trans-1,2-Dichloroethene	ug/L	50	53.0	52.6	106	105	75-132	1	20		
trans-1,3-Dichloropropene	ug/L	50	54.8	52.1	110	104	71-114	5	20		
Trichloroethene	ug/L	50	49.0	49.9	98	100	80-120	2	20		
Trichlorofluoromethane	ug/L	50	55.9	54.5	112	109	82-133	3	20		
Vinyl chloride	ug/L	50	52.0	47.5	104	95	57-136	9	20		
Xylene (Total)	ug/L	150	153	146	102	97	86-130	5	20		
4-Bromofluorobenzene (S)	%				105	99	61-118				
Dibromofluoromethane (S)	%				99	100	67-124				
Toluene-d8 (S)	%				102	98	80-120				

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		1512201		1512202								
Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40150306025 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1-Trichloroethane	ug/L	<0.50	50	50	63.3	58.1	127	116	85-134	9	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	52.4	50.3	105	101	72-114	4	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	54.2	51.1	108	102	80-120	6	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	67.6	66.5	135	133	71-133	2	20	M1
1,1-Dichloroethene	ug/L	<0.41	50	50	73.3	66.2	147	132	75-136	10	20	M1
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	53.6	50.0	107	100	74-117	7	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	50.3	47.8	101	96	63-123	5	20	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	52.9	52.9	106	106	80-120	0	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	55.7	48.8	111	98	80-120	13	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	59.8	59.2	120	118	79-131	1	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	58.4	56.9	117	114	80-120	3	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	57.2	52.0	114	104	80-120	10	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	57.1	52.1	114	104	80-120	9	20	
Benzene	ug/L	<0.50	50	50	54.7	55.4	109	111	81-142	1	20	
Bromodichloromethane	ug/L	<0.50	50	50	55.9	53.5	112	107	80-120	4	20	
Bromoform	ug/L	<0.50	50	50	51.2	51.5	102	103	67-122	0	20	
Bromomethane	ug/L	<2.4	50	50	84.3	75.7	169	151	40-129	11	20	M1
Carbon tetrachloride	ug/L	<0.50	50	50	60.6	57.2	121	114	85-134	6	20	
Chlorobenzene	ug/L	<0.50	50	50	55.3	54.6	111	109	80-120	1	20	
Chloroethane	ug/L	<0.37	50	50	82.6	74.6	165	149	58-120	10	20	M1
Chloroform	ug/L	<2.5	50	50	51.7	55.9	103	112	80-121	8	20	
Chloromethane	ug/L	<0.50	50	50	67.3	55.2	135	110	40-128	20	20	M1
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	65.1	62.0	130	124	83-129	5	20	M1
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	60.0	56.6	120	113	80-120	6	20	
Dibromochloromethane	ug/L	<0.50	50	50	54.5	51.6	109	103	80-120	5	20	
Dichlorodifluoromethane	ug/L	<0.22	50	50	62.7	56.6	125	113	20-146	10	20	
Ethylbenzene	ug/L	<0.50	50	50	58.5	55.6	117	111	87-129	5	20	
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	61.2	56.4	122	113	80-128	8	20	
m&p-Xylene	ug/L	<1.0	100	100	122	109	122	109	87-130	11	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 55929.005 WRR

Pace Project No.: 40150306

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1512201		1512202		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40150306025 Result	MS Spike Conc.	MSD Spike Conc.									
Methyl-tert-butyl ether	ug/L	<0.17	50	50	70.7	66.3	141	133	66-143	6	20		
Methylene Chloride	ug/L	<0.23	50	50	71.7	68.8	143	138	73-127	4	20	M1	
o-Xylene	ug/L	<0.50	50	50	57.2	53.7	114	107	84-130	6	20		
Styrene	ug/L	<0.50	50	50	60.0	56.3	120	113	80-122	6	20		
Tetrachloroethene	ug/L	<0.50	50	50	58.1	53.3	116	107	80-120	9	20		
Toluene	ug/L	0.83J	50	50	58.4	54.4	115	107	82-131	7	20		
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	71.9	67.5	144	135	75-135	6	20	M1	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	58.9	55.4	118	111	71-120	6	20		
Trichloroethene	ug/L	<0.33	50	50	63.7	58.3	127	117	80-120	9	20	M1	
Trichlorofluoromethane	ug/L	<0.18	50	50	80.9	76.0	162	152	76-150	6	20	M1	
Vinyl chloride	ug/L	<0.18	50	50	81.5	73.4	163	147	56-143	10	20	M1	
Xylene (Total)	ug/L	<1.5	150	150	179	163	119	109	86-130	9	20		
4-Bromofluorobenzene (S)	%						101	101	61-118				
Dibromofluoromethane (S)	%						100	98	67-124				
Toluene-d8 (S)	%						97	99	80-120				

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QUALITY CONTROL DATA

Project: 55929.005 WRR
Pace Project No.: 40150306

QC Batch: 256739 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Oxygenates
Associated Lab Samples: 40150306028, 40150306029, 40150306030, 40150306031, 40150306032, 40150306033

METHOD BLANK: 1513187 Matrix: Water
Associated Lab Samples: 40150306028, 40150306029, 40150306030, 40150306031, 40150306032, 40150306033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	05/26/17 06:30	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	05/26/17 06:30	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	05/26/17 06:30	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	05/26/17 06:30	
1,1-Dichloroethane	ug/L	<0.24	1.0	05/26/17 06:30	
1,1-Dichloroethene	ug/L	<0.41	1.0	05/26/17 06:30	
1,1-Dichloropropene	ug/L	<0.44	1.0	05/26/17 06:30	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	05/26/17 06:30	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	05/26/17 06:30	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	05/26/17 06:30	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	05/26/17 06:30	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	05/26/17 06:30	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	05/26/17 06:30	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	05/26/17 06:30	
1,2-Dichloroethane	ug/L	<0.17	1.0	05/26/17 06:30	
1,2-Dichloropropane	ug/L	<0.23	1.0	05/26/17 06:30	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	05/26/17 06:30	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	05/26/17 06:30	
1,3-Dichloropropane	ug/L	<0.50	1.0	05/26/17 06:30	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	05/26/17 06:30	
2,2-Dichloropropane	ug/L	<0.48	1.0	05/26/17 06:30	
2-Butanone (MEK)	ug/L	<3.0	20.0	05/26/17 06:30	
2-Chlorotoluene	ug/L	<0.50	1.0	05/26/17 06:30	
2-Propanol	ug/L	<24.3	250	05/26/17 06:30	
4-Chlorotoluene	ug/L	<0.21	1.0	05/26/17 06:30	
4-Methyl-2-pentanone (MIBK)	ug/L	<2.1	5.0	05/26/17 06:30	
Acetone	ug/L	<3.0	20.0	05/26/17 06:30	
Benzene	ug/L	<0.50	1.0	05/26/17 06:30	
Bromobenzene	ug/L	<0.23	1.0	05/26/17 06:30	
Bromochloromethane	ug/L	<0.34	1.0	05/26/17 06:30	
Bromodichloromethane	ug/L	<0.50	1.0	05/26/17 06:30	
Bromoform	ug/L	<0.50	1.0	05/26/17 06:30	
Bromomethane	ug/L	<2.4	5.0	05/26/17 06:30	
Carbon tetrachloride	ug/L	<0.50	1.0	05/26/17 06:30	
Chlorobenzene	ug/L	<0.50	1.0	05/26/17 06:30	
Chloroethane	ug/L	<0.37	1.0	05/26/17 06:30	
Chloroform	ug/L	<2.5	5.0	05/26/17 06:30	
Chloromethane	ug/L	<0.50	1.0	05/26/17 06:30	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	05/26/17 06:30	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	05/26/17 06:30	
Dibromochloromethane	ug/L	<0.50	1.0	05/26/17 06:30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 55929.005 WRR
Pace Project No.: 40150306

METHOD BLANK: 1513187 Matrix: Water
Associated Lab Samples: 40150306028, 40150306029, 40150306030, 40150306031, 40150306032, 40150306033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<0.43	1.0	05/26/17 06:30	
Dichlorodifluoromethane	ug/L	<0.22	1.0	05/26/17 06:30	
Diisopropyl ether	ug/L	<0.50	1.0	05/26/17 06:30	
Ethylbenzene	ug/L	<0.50	1.0	05/26/17 06:30	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	05/26/17 06:30	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	05/26/17 06:30	
m&p-Xylene	ug/L	<1.0	2.0	05/26/17 06:30	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	05/26/17 06:30	
Methylene Chloride	ug/L	<0.23	1.0	05/26/17 06:30	
n-Butylbenzene	ug/L	<0.50	1.0	05/26/17 06:30	
n-Propylbenzene	ug/L	<0.50	1.0	05/26/17 06:30	
Naphthalene	ug/L	<2.5	5.0	05/26/17 06:30	
o-Xylene	ug/L	<0.50	1.0	05/26/17 06:30	
p-Isopropyltoluene	ug/L	<0.50	1.0	05/26/17 06:30	
sec-Butylbenzene	ug/L	<2.2	5.0	05/26/17 06:30	
Styrene	ug/L	<0.50	1.0	05/26/17 06:30	
tert-Butylbenzene	ug/L	<0.18	1.0	05/26/17 06:30	
Tetrachloroethene	ug/L	<0.50	1.0	05/26/17 06:30	
Toluene	ug/L	<0.50	1.0	05/26/17 06:30	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	05/26/17 06:30	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	05/26/17 06:30	
Trichloroethene	ug/L	<0.33	1.0	05/26/17 06:30	
Trichlorofluoromethane	ug/L	<0.18	1.0	05/26/17 06:30	
Vinyl chloride	ug/L	<0.18	1.0	05/26/17 06:30	
Xylene (Total)	ug/L	<1.5	3.0	05/26/17 06:30	
4-Bromofluorobenzene (S)	%	81	61-118	05/26/17 06:30	
Dibromofluoromethane (S)	%	101	67-124	05/26/17 06:30	
Toluene-d8 (S)	%	102	80-120	05/26/17 06:30	

LABORATORY CONTROL SAMPLE: 1513188

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	49.7	99	85-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.3	101	72-114	
1,1,2-Trichloroethane	ug/L	50	58.1	116	80-120	
1,1-Dichloroethane	ug/L	50	48.0	96	71-132	
1,1-Dichloroethene	ug/L	50	47.7	95	75-130	
1,2,4-Trichlorobenzene	ug/L	50	42.7	85	74-117	
1,2-Dibromo-3-chloropropane	ug/L	50	34.7	69	63-121	
1,2-Dibromoethane (EDB)	ug/L	50	51.1	102	80-120	
1,2-Dichlorobenzene	ug/L	50	52.8	106	80-120	
1,2-Dichloroethane	ug/L	50	49.7	99	79-131	
1,2-Dichloropropane	ug/L	50	54.4	109	80-120	
1,3-Dichlorobenzene	ug/L	50	48.0	96	80-120	

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QUALITY CONTROL DATA

Project: 55929.005 WRR

Pace Project No.: 40150306

LABORATORY CONTROL SAMPLE: 1513188

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	46.2	92	80-120	
Benzene	ug/L	50	54.9	110	81-142	
Bromodichloromethane	ug/L	50	49.2	98	80-120	
Bromoform	ug/L	50	55.4	111	67-122	
Bromomethane	ug/L	50	38.9	78	40-128	
Carbon tetrachloride	ug/L	50	50.4	101	85-133	
Chlorobenzene	ug/L	50	52.1	104	80-120	
Chloroethane	ug/L	50	49.8	100	58-120	
Chloroform	ug/L	50	50.4	101	80-121	
Chloromethane	ug/L	50	45.6	91	40-127	
cis-1,2-Dichloroethene	ug/L	50	52.2	104	83-129	
cis-1,3-Dichloropropene	ug/L	50	45.2	90	80-120	
Dibromochloromethane	ug/L	50	54.0	108	80-120	
Dichlorodifluoromethane	ug/L	50	37.4	75	20-135	
Ethylbenzene	ug/L	50	57.2	114	87-129	
Isopropylbenzene (Cumene)	ug/L	50	57.7	115	82-128	
m&p-Xylene	ug/L	100	115	115	87-130	
Methyl-tert-butyl ether	ug/L	50	41.1	82	66-143	
Methylene Chloride	ug/L	50	44.3	89	73-126	
o-Xylene	ug/L	50	58.5	117	84-130	
Styrene	ug/L	50	56.5	113	82-122	
Tetrachloroethene	ug/L	50	56.9	114	80-120	
Toluene	ug/L	50	60.0	120	82-130	
trans-1,2-Dichloroethene	ug/L	50	46.0	92	75-132	
trans-1,3-Dichloropropene	ug/L	50	48.7	97	71-114	
Trichloroethene	ug/L	50	54.0	108	80-120	
Trichlorofluoromethane	ug/L	50	49.1	98	82-133	
Vinyl chloride	ug/L	50	51.5	103	57-136	
Xylene (Total)	ug/L	150	174	116	86-130	
4-Bromofluorobenzene (S)	%			102	61-118	
Dibromofluoromethane (S)	%			97	67-124	
Toluene-d8 (S)	%			106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1513887 1513888

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40150413001 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1-Trichloroethane	ug/L	<1.0	50	50	51.6	52.8	103	106	85-134	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	53.5	53.9	107	108	72-114	1	20	
1,1,2-Trichloroethane	ug/L	<1.0	50	50	57.8	57.6	116	115	80-120	0	20	
1,1-Dichloroethane	ug/L	<1.0	50	50	49.0	51.2	98	102	71-133	4	20	
1,1-Dichloroethene	ug/L	<1.0	50	50	48.7	50.3	97	101	75-136	3	20	
1,2,4-Trichlorobenzene	ug/L	<5.0	50	50	46.0	50.4	92	101	74-117	9	20	
1,2-Dibromo-3-chloropropane	ug/L	<5.0	50	50	45.1	37.8	90	76	63-123	18	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 55929.005 WRR
Pace Project No.: 40150306

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1513887		1513888		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40150413001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	50	56.3	53.4	113	107	80-120	5	20		
1,2-Dichlorobenzene	ug/L	<1.0	50	50	54.8	55.7	110	111	80-120	2	20		
1,2-Dichloroethane	ug/L	<1.0	50	50	52.1	52.7	104	105	79-131	1	20		
1,2-Dichloropropane	ug/L	<1.0	50	50	55.8	57.4	112	115	80-120	3	20		
1,3-Dichlorobenzene	ug/L	<1.0	50	50	50.4	52.2	101	104	80-120	3	20		
1,4-Dichlorobenzene	ug/L	<1.0	50	50	53.1	55.3	106	111	80-120	4	20		
Benzene	ug/L	<1.0	50	50	57.9	57.9	116	116	81-142	0	20		
Bromodichloromethane	ug/L	<1.0	50	50	52.2	52.3	104	105	80-120	0	20		
Bromoform	ug/L	<1.0	50	50	53.7	55.3	107	111	67-122	3	20		
Bromomethane	ug/L	<5.0	50	50	43.5	46.2	87	92	40-129	6	20		
Carbon tetrachloride	ug/L	<1.0	50	50	50.8	52.7	102	105	85-134	4	20		
Chlorobenzene	ug/L	<1.0	50	50	54.2	54.9	108	110	80-120	1	20		
Chloroethane	ug/L	<1.0	50	50	52.6	52.4	105	105	58-120	0	20		
Chloroform	ug/L	<5.0	50	50	51.4	53.6	103	107	80-121	4	20		
Chloromethane	ug/L	<1.0	50	50	45.4	48.7	91	97	40-128	7	20		
cis-1,2-Dichloroethene	ug/L	<1.0	50	50	53.6	57.6	107	115	83-129	7	20		
cis-1,3-Dichloropropene	ug/L	<1.0	50	50	47.1	49.1	94	98	80-120	4	20		
Dibromochloromethane	ug/L	<1.0	50	50	54.6	53.7	109	107	80-120	2	20		
Dichlorodifluoromethane	ug/L	<1.0	50	50	38.1	38.2	76	76	20-146	0	20		
Ethylbenzene	ug/L	<1.0	50	50	57.1	57.9	114	116	87-129	1	20		
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	57.1	58.6	114	117	80-128	2	20		
m&p-Xylene	ug/L	<2.0	100	100	119	120	119	120	87-130	1	20		
Methyl-tert-butyl ether	ug/L	<1.0	50	50	43.7	43.9	87	88	66-143	0	20		
Methylene Chloride	ug/L	<1.0	50	50	45.2	47.3	90	95	73-127	4	20		
o-Xylene	ug/L	<1.0	50	50	58.1	58.3	116	117	84-130	0	20		
Styrene	ug/L	<1.0	50	50	58.4	58.6	117	117	80-122	0	20		
Tetrachloroethene	ug/L	<1.0	50	50	56.8	54.7	114	109	80-120	4	20		
Toluene	ug/L	<1.0	50	50	61.5	59.3	123	119	82-131	4	20		
trans-1,2-Dichloroethene	ug/L	<1.0	50	50	46.2	48.4	92	97	75-135	5	20		
trans-1,3-Dichloropropene	ug/L	<1.0	50	50	49.2	49.6	98	99	71-120	1	20		
Trichloroethene	ug/L	<1.0	50	50	58.0	57.7	116	115	80-120	1	20		
Trichlorofluoromethane	ug/L	<1.0	50	50	50.3	50.9	101	102	76-150	1	20		
Vinyl chloride	ug/L	<1.0	50	50	53.0	54.4	106	109	56-143	2	20		
Xylene (Total)	ug/L	<3.0	150	150	177	178	118	119	86-130	1	20		
4-Bromofluorobenzene (S)	%						99	96	61-118				
Dibromofluoromethane (S)	%						97	97	67-124				
Toluene-d8 (S)	%						103	100	80-120				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 55929.005 WRR
Pace Project No.: 40150306

QC Batch: 256878 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Oxygenates
Associated Lab Samples: 40150306018

METHOD BLANK: 1513895 Matrix: Water
Associated Lab Samples: 40150306018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	05/26/17 14:11	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	05/26/17 14:11	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	05/26/17 14:11	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	05/26/17 14:11	
1,1-Dichloroethane	ug/L	<0.24	1.0	05/26/17 14:11	
1,1-Dichloroethene	ug/L	<0.41	1.0	05/26/17 14:11	
1,1-Dichloropropene	ug/L	<0.44	1.0	05/26/17 14:11	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	05/26/17 14:11	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	05/26/17 14:11	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	05/26/17 14:11	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	05/26/17 14:11	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	05/26/17 14:11	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	05/26/17 14:11	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	05/26/17 14:11	
1,2-Dichloroethane	ug/L	<0.17	1.0	05/26/17 14:11	
1,2-Dichloropropane	ug/L	<0.23	1.0	05/26/17 14:11	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	05/26/17 14:11	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	05/26/17 14:11	
1,3-Dichloropropane	ug/L	<0.50	1.0	05/26/17 14:11	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	05/26/17 14:11	
2,2-Dichloropropane	ug/L	<0.48	1.0	05/26/17 14:11	
2-Butanone (MEK)	ug/L	<3.0	20.0	05/26/17 14:11	
2-Chlorotoluene	ug/L	<0.50	1.0	05/26/17 14:11	
2-Propanol	ug/L	<24.3	250	05/26/17 14:11	
4-Chlorotoluene	ug/L	<0.21	1.0	05/26/17 14:11	
4-Methyl-2-pentanone (MIBK)	ug/L	<2.1	5.0	05/26/17 14:11	
Acetone	ug/L	<3.0	20.0	05/26/17 14:11	
Benzene	ug/L	<0.50	1.0	05/26/17 14:11	
Bromobenzene	ug/L	<0.23	1.0	05/26/17 14:11	
Bromochloromethane	ug/L	<0.34	1.0	05/26/17 14:11	
Bromodichloromethane	ug/L	<0.50	1.0	05/26/17 14:11	
Bromoform	ug/L	<0.50	1.0	05/26/17 14:11	
Bromomethane	ug/L	<2.4	5.0	05/26/17 14:11	
Carbon tetrachloride	ug/L	<0.50	1.0	05/26/17 14:11	
Chlorobenzene	ug/L	<0.50	1.0	05/26/17 14:11	
Chloroethane	ug/L	<0.37	1.0	05/26/17 14:11	
Chloroform	ug/L	<2.5	5.0	05/26/17 14:11	
Chloromethane	ug/L	<0.50	1.0	05/26/17 14:11	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	05/26/17 14:11	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	05/26/17 14:11	
Dibromochloromethane	ug/L	<0.50	1.0	05/26/17 14:11	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 55929.005 WRR

Pace Project No.: 40150306

METHOD BLANK: 1513895

Matrix: Water

Associated Lab Samples: 40150306018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<0.43	1.0	05/26/17 14:11	
Dichlorodifluoromethane	ug/L	<0.22	1.0	05/26/17 14:11	
Diisopropyl ether	ug/L	<0.50	1.0	05/26/17 14:11	
Ethylbenzene	ug/L	<0.50	1.0	05/26/17 14:11	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	05/26/17 14:11	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	05/26/17 14:11	
m&p-Xylene	ug/L	<1.0	2.0	05/26/17 14:11	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	05/26/17 14:11	
Methylene Chloride	ug/L	<0.23	1.0	05/26/17 14:11	
n-Butylbenzene	ug/L	<0.50	1.0	05/26/17 14:11	
n-Propylbenzene	ug/L	<0.50	1.0	05/26/17 14:11	
Naphthalene	ug/L	<2.5	5.0	05/26/17 14:11	
o-Xylene	ug/L	<0.50	1.0	05/26/17 14:11	
p-Isopropyltoluene	ug/L	<0.50	1.0	05/26/17 14:11	
sec-Butylbenzene	ug/L	<2.2	5.0	05/26/17 14:11	
Styrene	ug/L	<0.50	1.0	05/26/17 14:11	
tert-Butylbenzene	ug/L	<0.18	1.0	05/26/17 14:11	
Tetrachloroethene	ug/L	<0.50	1.0	05/26/17 14:11	
Toluene	ug/L	<0.50	1.0	05/26/17 14:11	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	05/26/17 14:11	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	05/26/17 14:11	
Trichloroethene	ug/L	<0.33	1.0	05/26/17 14:11	
Trichlorofluoromethane	ug/L	<0.18	1.0	05/26/17 14:11	
Vinyl chloride	ug/L	<0.18	1.0	05/26/17 14:11	
Xylene (Total)	ug/L	<1.5	3.0	05/26/17 14:11	
4-Bromofluorobenzene (S)	%	97	61-118	05/26/17 14:11	
Dibromofluoromethane (S)	%	102	67-124	05/26/17 14:11	
Toluene-d8 (S)	%	106	80-120	05/26/17 14:11	

LABORATORY CONTROL SAMPLE: 1513896

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	60.2	120	85-130	
1,1,2,2-Tetrachloroethane	ug/L	50	58.1	116	72-114	L1
1,1,2-Trichloroethane	ug/L	50	52.4	105	80-120	
1,1-Dichloroethane	ug/L	50	60.4	121	71-132	
1,1-Dichloroethene	ug/L	50	57.9	116	75-130	
1,2,4-Trichlorobenzene	ug/L	50	52.7	105	74-117	
1,2-Dibromo-3-chloropropane	ug/L	50	53.9	108	63-121	
1,2-Dibromoethane (EDB)	ug/L	50	54.2	108	80-120	
1,2-Dichlorobenzene	ug/L	50	55.3	111	80-120	
1,2-Dichloroethane	ug/L	50	54.8	110	79-131	
1,2-Dichloropropane	ug/L	50	56.9	114	80-120	
1,3-Dichlorobenzene	ug/L	50	54.9	110	80-120	

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QUALITY CONTROL DATA

Project: 55929.005 WRR

Pace Project No.: 40150306

LABORATORY CONTROL SAMPLE: 1513896

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	52.8	106	80-120	
Benzene	ug/L	50	62.7	125	81-142	
Bromodichloromethane	ug/L	50	54.6	109	80-120	
Bromoform	ug/L	50	44.6	89	67-122	
Bromomethane	ug/L	50	42.2	84	40-128	
Carbon tetrachloride	ug/L	50	56.2	112	85-133	
Chlorobenzene	ug/L	50	56.3	113	80-120	
Chloroethane	ug/L	50	57.1	114	58-120	
Chloroform	ug/L	50	60.1	120	80-121	
Chloromethane	ug/L	50	42.8	86	40-127	
cis-1,2-Dichloroethene	ug/L	50	59.2	118	83-129	
cis-1,3-Dichloropropene	ug/L	50	56.2	112	80-120	
Dibromochloromethane	ug/L	50	50.7	101	80-120	
Dichlorodifluoromethane	ug/L	50	37.6	75	20-135	
Ethylbenzene	ug/L	50	58.0	116	87-129	
Isopropylbenzene (Cumene)	ug/L	50	58.2	116	82-128	
m&p-Xylene	ug/L	100	112	112	87-130	
Methyl-tert-butyl ether	ug/L	50	59.7	119	66-143	
Methylene Chloride	ug/L	50	58.2	116	73-126	
o-Xylene	ug/L	50	56.1	112	84-130	
Styrene	ug/L	50	57.9	116	82-122	
Tetrachloroethene	ug/L	50	52.2	104	80-120	
Toluene	ug/L	50	56.6	113	82-130	
trans-1,2-Dichloroethene	ug/L	50	62.4	125	75-132	
trans-1,3-Dichloropropene	ug/L	50	55.4	111	71-114	
Trichloroethene	ug/L	50	56.1	112	80-120	
Trichlorofluoromethane	ug/L	50	57.7	115	82-133	
Vinyl chloride	ug/L	50	55.0	110	57-136	
Xylene (Total)	ug/L	150	168	112	86-130	
4-Bromofluorobenzene (S)	%			107	61-118	
Dibromofluoromethane (S)	%			104	67-124	
Toluene-d8 (S)	%			104	80-120	

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QUALIFIERS

Project: 55929.005 WRR
Pace Project No.: 40150306

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.

ANALYTE QUALIFIERS

HS Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.
M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 55929.005 WRR

Pace Project No.: 40150306

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40150306001	W-17A	EPA 8260	256298		
40150306002	W-17A DUP	EPA 8260	256298		
40150306003	W-17B	EPA 8260	256298		
40150306004	W-18	EPA 8260	256298		
40150306005	W-18A	EPA 8260	256298		
40150306006	W-19R	EPA 8260	256298		
40150306007	W-19R DUP	EPA 8260	256298		
40150306008	W-22	EPA 8260	256298		
40150306009	W-26	EPA 8260	256298		
40150306010	W-27	EPA 8260	256298		
40150306011	W-28	EPA 8260	256298		
40150306012	W-29	EPA 8260	256298		
40150306013	W-30A	EPA 8260	256298		
40150306014	W-30B	EPA 8260	256298		
40150306015	MW-106	EPA 8260	256298		
40150306016	MW-106A	EPA 8260	256298		
40150306017	MW-111	EPA 8260	256298		
40150306018	MW-111A	EPA 8260	256878		
40150306019	MW-111B	EPA 8260	256298		
40150306020	MW-112	EPA 8260	256298		
40150306021	MW-112A	EPA 8260	256299		
40150306022	MW-112B	EPA 8260	256299		
40150306023	MW-114	EPA 8260	256299		
40150306024	MW-114A	EPA 8260	256299		
40150306025	MW-114B	EPA 8260	256587		
40150306026	MW-116	EPA 8260	256587		
40150306027	SEEP 2N	EPA 8260	256587		
40150306028	SEEP 2N DUP	EPA 8260	256739		
40150306029	SEEP 7N	EPA 8260	256739		
40150306030	SEEP 8N	EPA 8260	256739		
40150306031	FIELD BLANK	EPA 8260	256739		
40150306032	METHOD BLANK	EPA 8260	256739		
40150306033	TRIP BLANK	EPA 8260	256739		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: Granne H Fleming

Branch/Location:

Project Contact:

Phone:

Project Number: 55929.005

Project Name: WRR

Project State:

Sampled By (Print): See pg 1

Sampled By (Sign):

PO #:

Regulatory Program:



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

Page 3 of 3
40150306

CHAIN OF CUSTODY

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

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

Y/N	Pick Letter	Analyses Requested	COLLECTION		MATRIX	
			DATE	TIME		
N	B	NO ₃ 8260	5/14/17	11:25	GW	

Quote #:

Mail To Contact:

Mail To Company:

Mail To Address: See pg 1

Invoice To Contact:

Invoice To Company:

Invoice To Address:

Invoice To Phone:

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
027	Seep 2N	5/14/17	11:25	GW
028	Seep 2N dup			
029	Seep 7N		11:35	
030	Seep 8N		11:45	
031	Field Blank		12:15	
032	Method Blank		17:45	
033	Trip Blank			

CLIENT COMMENTS: 3-40ml^B
2 vials

LAB COMMENTS (Lab Use Only): 2-40ml^B

Profile #:

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

Relinquished By: Chelsea Payne Date/Time: 5/18/17 10:00

Received By: _____ Date/Time: _____

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

Relinquished By: Fel Ex Date/Time: 5/14/17 1003

Received By: Ann W... Date/Time: 9/14/17 1003

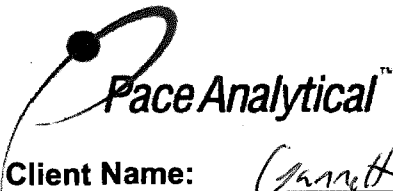
PACE Project No. 40150306

Receipt Temp = ROI °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present
Intact / Not Intact

Page 99 of 100



Sample Condition Upon Receipt

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

Project # WO#: 40150306

Client Name: Garrett Fleming

Courier: [X] Fed Ex [] UPS [] Client [] Pace Other:
Tracking #: 8115 5971 8874



Custody Seal on Cooler/Box Present: [] yes [X] no Seals intact: [] yes [] no
Custody Seal on Samples Present: [] yes [X] no Seals intact: [] yes [] no
Packing Material: [X] Bubble Wrap [X] Bubble Bags [] None [] Other

Thermometer Used: N/A Type of Ice: [X] Blue [] Dry [] None [] Samples on ice, cooling process has begun
Cooler Temperature: Uncorr: Rot 1 Corr: Biological Tissue is Frozen: [] yes [] no

Temp Blank Present: [] yes [X] no
Person examining contents:
Date: 5/14/17
Initials: SS

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

Table with 15 rows of inspection criteria and checkboxes. Includes items like Chain of Custody Present, Short Hold Time Analysis, and Headspace in Vials.

Client Notification/ Resolution:
Person Contacted: Date/Time:
Comments/ Resolution:

Project Manager Review: [Signature] for DM Date: 5/19/17

May 31, 2017

The Analytical Results & QA/QC
Data included with this report were
reviewed and approved by AWM
on 05/31/17.

Tony Miller
Gannett Fleming
8025 Excelsior Drive
Madison, WI 53717

RE: Project: 55929.005 WRR
Pace Project No.: 40150300

Dear Tony Miller:

Enclosed are the analytical results for sample(s) received by the laboratory on May 19, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Chelsea Payne, Gannett Fleming Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 55929.005 WRR

Pace Project No.: 40150300

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: 55929.005 WRR
Pace Project No.: 40150300

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40150300001	W-4	Water	05/17/17 15:00	05/19/17 10:05
40150300002	W-7	Water	05/17/17 15:50	05/19/17 10:05
40150300003	W-20	Water	05/17/17 12:30	05/19/17 10:05
40150300004	W-3	Water	05/17/17 13:15	05/19/17 10:05
40150300005	W-3A	Water	05/17/17 13:10	05/19/17 10:05
40150300006	W-3B	Water	05/17/17 14:25	05/19/17 10:05
40150300007	MW-113	Water	05/17/17 09:00	05/19/17 10:05
40150300008	MW-113A	Water	05/17/17 09:05	05/19/17 10:05
40150300009	MW-113B	Water	05/17/17 09:10	05/19/17 10:05
40150300010	MW-115	Water	05/17/17 10:00	05/19/17 10:05
40150300011	MW-115A	Water	05/17/17 10:05	05/19/17 10:05
40150300012	MW-115B	Water	05/17/17 10:10	05/19/17 10:05
40150300013	DRINKING WATER	Water	05/17/17 14:30	05/19/17 10:05
40150300014	FIELD BLANK	Water	05/17/17 07:10	05/19/17 10:05
40150300015	METHOD BLANK	Water	05/17/17 14:35	05/19/17 10:05
40150300016	TRIP BLANK	Water	05/17/17 00:00	05/19/17 10:05

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SAMPLE ANALYTE COUNT

Project: 55929.005 WRR

Pace Project No.: 40150300

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40150300001	W-4	EPA 8260	MDS	69
40150300002	W-7	EPA 8260	MDS	69
40150300003	W-20	EPA 8260	MDS	69
40150300004	W-3	EPA 8260	MDS	69
40150300005	W-3A	EPA 8260	MDS	69
40150300006	W-3B	EPA 8260	MDS	69
40150300007	MW-113	EPA 8260	MDS	69
40150300008	MW-113A	EPA 8260	MDS	69
40150300009	MW-113B	EPA 8260	HNW	69
40150300010	MW-115	EPA 8260	MDS	69
40150300011	MW-115A	EPA 8260	MDS	69
40150300012	MW-115B	EPA 8260	MDS	69
40150300013	DRINKING WATER	EPA 8260	MDS	69
40150300014	FIELD BLANK	EPA 8260	MDS	69
40150300015	METHOD BLANK	EPA 8260	MDS	69
40150300016	TRIP BLANK	EPA 8260	MDS	69

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 55929.005 WRR

Pace Project No.: 40150300

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40150300002	W-7					
EPA 8260	1,1,1-Trichloroethane	2.4	ug/L	1.0	05/25/17 19:22	
EPA 8260	Tetrachloroethene	6.4	ug/L	1.0	05/25/17 19:22	
40150300003	W-20					
EPA 8260	1,1-Dichloroethane	5.2	ug/L	1.0	05/25/17 19:48	
EPA 8260	Ethylbenzene	12.4	ug/L	1.0	05/25/17 19:48	
EPA 8260	Isopropylbenzene (Cumene)	1.3	ug/L	1.0	05/25/17 19:48	
EPA 8260	Naphthalene	2.8J	ug/L	5.0	05/25/17 19:48	
EPA 8260	Tetrachloroethene	0.85J	ug/L	1.0	05/25/17 19:48	
EPA 8260	Trichloroethene	5.0	ug/L	1.0	05/25/17 19:48	
EPA 8260	Vinyl chloride	2.8	ug/L	1.0	05/25/17 19:48	
EPA 8260	Xylene (Total)	3.8	ug/L	3.0	05/25/17 19:48	
EPA 8260	cis-1,2-Dichloroethene	4.5	ug/L	1.0	05/25/17 19:48	
EPA 8260	m&p-Xylene	3.8	ug/L	2.0	05/25/17 19:48	
EPA 8260	trans-1,2-Dichloroethene	4.2	ug/L	1.0	05/25/17 19:48	
40150300005	W-3A					
EPA 8260	cis-1,2-Dichloroethene	0.30J	ug/L	1.0	05/25/17 16:21	
40150300008	MW-113A					
EPA 8260	cis-1,2-Dichloroethene	0.68J	ug/L	1.0	05/26/17 10:27	
40150300009	MW-113B					
EPA 8260	cis-1,2-Dichloroethene	0.27J	ug/L	1.0	05/30/17 12:12	
40150300010	MW-115					
EPA 8260	1,1-Dichloroethane	56.8	ug/L	40.0	05/26/17 11:37	
EPA 8260	1,2-Dichloroethane	76.2	ug/L	40.0	05/26/17 11:37	
EPA 8260	Chloroethane	692	ug/L	40.0	05/26/17 11:37	
EPA 8260	Toluene	68.0	ug/L	40.0	05/26/17 11:37	
EPA 8260	Vinyl chloride	24.3J	ug/L	40.0	05/26/17 11:37	
EPA 8260	cis-1,2-Dichloroethene	26.3J	ug/L	40.0	05/26/17 11:37	
EPA 8260	trans-1,2-Dichloroethene	105	ug/L	40.0	05/26/17 11:37	
40150300011	MW-115A					
EPA 8260	1,1,2-Trichloroethane	14.2	ug/L	5.0	05/25/17 21:05	
EPA 8260	1,1-Dichloroethane	222	ug/L	5.0	05/25/17 21:05	
EPA 8260	1,1-Dichloroethene	43.7	ug/L	5.0	05/25/17 21:05	
EPA 8260	1,2-Dichloroethane	9.8	ug/L	5.0	05/25/17 21:05	
EPA 8260	1,2-Dichloropropane	11.0	ug/L	5.0	05/25/17 21:05	
EPA 8260	Toluene	2.8J	ug/L	5.0	05/25/17 21:05	
EPA 8260	Trichloroethene	78.2	ug/L	5.0	05/25/17 21:05	
EPA 8260	Vinyl chloride	5.2	ug/L	5.0	05/25/17 21:05	
EPA 8260	cis-1,2-Dichloroethene	1110	ug/L	5.0	05/25/17 21:05	
EPA 8260	trans-1,2-Dichloroethene	68.2	ug/L	5.0	05/25/17 21:05	
40150300012	MW-115B					
EPA 8260	1,1,2-Trichloroethane	7.1J	ug/L	10.0	05/26/17 11:13	
EPA 8260	1,1-Dichloroethane	156	ug/L	10.0	05/26/17 11:13	
EPA 8260	1,1-Dichloroethene	37.0	ug/L	10.0	05/26/17 11:13	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 55929.005 WRR

Pace Project No.: 40150300

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40150300012	MW-115B					
EPA 8260	1,2-Dichloropropane	5.7J	ug/L	10.0	05/26/17 11:13	
EPA 8260	Trichloroethene	38.8	ug/L	10.0	05/26/17 11:13	
EPA 8260	Vinyl chloride	61.5	ug/L	10.0	05/26/17 11:13	
EPA 8260	cis-1,2-Dichloroethene	588	ug/L	10.0	05/26/17 11:13	
EPA 8260	trans-1,2-Dichloroethene	10.2	ug/L	10.0	05/26/17 11:13	
40150300014	FIELD BLANK					
EPA 8260	Acetone	3.6J	ug/L	20.0	05/26/17 09:41	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: W-4 **Lab ID: 40150300001** Collected: 05/17/17 15:00 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/25/17 18:56	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/25/17 18:56	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/25/17 18:56	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/25/17 18:56	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/25/17 18:56	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/25/17 18:56	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/25/17 18:56	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/25/17 18:56	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 18:56	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 18:56	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:56	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/25/17 18:56	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/25/17 18:56	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:56	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/25/17 18:56	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/25/17 18:56	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:56	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:56	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 18:56	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:56	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/25/17 18:56	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/25/17 18:56	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:56	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/25/17 18:56	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/25/17 18:56	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/25/17 18:56	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/25/17 18:56	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:56	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/25/17 18:56	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/25/17 18:56	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 18:56	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/25/17 18:56	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/25/17 18:56	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/25/17 18:56	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:56	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/25/17 18:56	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/25/17 18:56	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 18:56	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 18:56	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/25/17 18:56	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/25/17 18:56	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/25/17 18:56	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:56	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/25/17 18:56	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/25/17 18:56	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/25/17 18:56	1634-04-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: W-4 **Lab ID: 40150300001** Collected: 05/17/17 15:00 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/25/17 18:56	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/25/17 18:56	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:56	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:56	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:56	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/25/17 18:56	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/25/17 18:56	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/25/17 18:56	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/25/17 18:56	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 18:56	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:56	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/25/17 18:56	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:56	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:56	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:56	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 18:56	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 18:56	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/25/17 18:56	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 18:56	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/25/17 18:56	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103	%	67-124		1		05/25/17 18:56	1868-53-7	
Toluene-d8 (S)	98	%	80-120		1		05/25/17 18:56	2037-26-5	
4-Bromofluorobenzene (S)	85	%	61-118		1		05/25/17 18:56	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: W-7 **Lab ID: 40150300002** Collected: 05/17/17 15:50 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/25/17 19:22	630-20-6	
1,1,1-Trichloroethane	2.4	ug/L	1.0	0.50	1		05/25/17 19:22	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/25/17 19:22	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/25/17 19:22	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/25/17 19:22	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/25/17 19:22	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/25/17 19:22	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/25/17 19:22	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 19:22	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 19:22	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:22	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/25/17 19:22	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/25/17 19:22	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:22	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/25/17 19:22	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/25/17 19:22	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:22	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:22	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 19:22	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:22	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/25/17 19:22	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/25/17 19:22	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:22	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/25/17 19:22	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/25/17 19:22	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/25/17 19:22	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/25/17 19:22	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:22	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/25/17 19:22	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/25/17 19:22	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 19:22	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/25/17 19:22	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/25/17 19:22	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/25/17 19:22	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:22	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/25/17 19:22	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/25/17 19:22	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 19:22	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 19:22	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/25/17 19:22	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/25/17 19:22	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/25/17 19:22	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:22	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/25/17 19:22	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/25/17 19:22	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/25/17 19:22	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: W-7 **Lab ID: 40150300002** Collected: 05/17/17 15:50 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/25/17 19:22	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/25/17 19:22	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:22	100-42-5	
Tetrachloroethene	6.4	ug/L	1.0	0.50	1		05/25/17 19:22	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:22	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/25/17 19:22	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/25/17 19:22	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/25/17 19:22	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/25/17 19:22	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 19:22	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:22	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/25/17 19:22	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:22	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:22	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:22	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:22	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 19:22	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/25/17 19:22	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 19:22	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/25/17 19:22	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102	%	67-124		1		05/25/17 19:22	1868-53-7	
Toluene-d8 (S)	99	%	80-120		1		05/25/17 19:22	2037-26-5	
4-Bromofluorobenzene (S)	86	%	61-118		1		05/25/17 19:22	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: W-20 **Lab ID: 40150300003** Collected: 05/17/17 12:30 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/25/17 19:48	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/25/17 19:48	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/25/17 19:48	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/25/17 19:48	79-00-5	
1,1-Dichloroethane	5.2	ug/L	1.0	0.24	1		05/25/17 19:48	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/25/17 19:48	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/25/17 19:48	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/25/17 19:48	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 19:48	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 19:48	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:48	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/25/17 19:48	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/25/17 19:48	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:48	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/25/17 19:48	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/25/17 19:48	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:48	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:48	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 19:48	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:48	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/25/17 19:48	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/25/17 19:48	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:48	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/25/17 19:48	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/25/17 19:48	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/25/17 19:48	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/25/17 19:48	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:48	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/25/17 19:48	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/25/17 19:48	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 19:48	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/25/17 19:48	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/25/17 19:48	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/25/17 19:48	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:48	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/25/17 19:48	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/25/17 19:48	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 19:48	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 19:48	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/25/17 19:48	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/25/17 19:48	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/25/17 19:48	108-20-3	
Ethylbenzene	12.4	ug/L	1.0	0.50	1		05/25/17 19:48	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/25/17 19:48	87-68-3	
Isopropylbenzene (Cumene)	1.3	ug/L	1.0	0.14	1		05/25/17 19:48	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/25/17 19:48	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: W-20 **Lab ID: 40150300003** Collected: 05/17/17 12:30 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/25/17 19:48	75-09-2	
Naphthalene	2.8J	ug/L	5.0	2.5	1		05/25/17 19:48	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:48	100-42-5	
Tetrachloroethene	0.85J	ug/L	1.0	0.50	1		05/25/17 19:48	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:48	108-88-3	
Trichloroethene	5.0	ug/L	1.0	0.33	1		05/25/17 19:48	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/25/17 19:48	75-69-4	
Vinyl chloride	2.8	ug/L	1.0	0.18	1		05/25/17 19:48	75-01-4	
Xylene (Total)	3.8	ug/L	3.0	1.5	1		05/25/17 19:48	1330-20-7	
cis-1,2-Dichloroethene	4.5	ug/L	1.0	0.26	1		05/25/17 19:48	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:48	10061-01-5	
m&p-Xylene	3.8	ug/L	2.0	1.0	1		05/25/17 19:48	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:48	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:48	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:48	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 19:48	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 19:48	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/25/17 19:48	98-06-6	
trans-1,2-Dichloroethene	4.2	ug/L	1.0	0.26	1		05/25/17 19:48	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/25/17 19:48	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	99	%	67-124		1		05/25/17 19:48	1868-53-7	
Toluene-d8 (S)	103	%	80-120		1		05/25/17 19:48	2037-26-5	
4-Bromofluorobenzene (S)	87	%	61-118		1		05/25/17 19:48	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR
Pace Project No.: 40150300

Sample: W-3 Lab ID: 40150300004 Collected: 05/17/17 13:15 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/25/17 15:56	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/25/17 15:56	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/25/17 15:56	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/25/17 15:56	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/25/17 15:56	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/25/17 15:56	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/25/17 15:56	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/25/17 15:56	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 15:56	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 15:56	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:56	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/25/17 15:56	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/25/17 15:56	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:56	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/25/17 15:56	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/25/17 15:56	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:56	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:56	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 15:56	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:56	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/25/17 15:56	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/25/17 15:56	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:56	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/25/17 15:56	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/25/17 15:56	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/25/17 15:56	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/25/17 15:56	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:56	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/25/17 15:56	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/25/17 15:56	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 15:56	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/25/17 15:56	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/25/17 15:56	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/25/17 15:56	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:56	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/25/17 15:56	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/25/17 15:56	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 15:56	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 15:56	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/25/17 15:56	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/25/17 15:56	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/25/17 15:56	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:56	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/25/17 15:56	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/25/17 15:56	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/25/17 15:56	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: W-3 **Lab ID: 40150300004** Collected: 05/17/17 13:15 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/25/17 15:56	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/25/17 15:56	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:56	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:56	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:56	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/25/17 15:56	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/25/17 15:56	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/25/17 15:56	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/25/17 15:56	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 15:56	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:56	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/25/17 15:56	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:56	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:56	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:56	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:56	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 15:56	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/25/17 15:56	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 15:56	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/25/17 15:56	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	98	%	67-124		1		05/25/17 15:56	1868-53-7	
Toluene-d8 (S)	99	%	80-120		1		05/25/17 15:56	2037-26-5	
4-Bromofluorobenzene (S)	86	%	61-118		1		05/25/17 15:56	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: W-3A **Lab ID: 40150300005** Collected: 05/17/17 13:10 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/25/17 16:21	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/25/17 16:21	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/25/17 16:21	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/25/17 16:21	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/25/17 16:21	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/25/17 16:21	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/25/17 16:21	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/25/17 16:21	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 16:21	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 16:21	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:21	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/25/17 16:21	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/25/17 16:21	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:21	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/25/17 16:21	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/25/17 16:21	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:21	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:21	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 16:21	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:21	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/25/17 16:21	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/25/17 16:21	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:21	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/25/17 16:21	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/25/17 16:21	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/25/17 16:21	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/25/17 16:21	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:21	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/25/17 16:21	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/25/17 16:21	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 16:21	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/25/17 16:21	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/25/17 16:21	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/25/17 16:21	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:21	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/25/17 16:21	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/25/17 16:21	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 16:21	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 16:21	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/25/17 16:21	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/25/17 16:21	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/25/17 16:21	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:21	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/25/17 16:21	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/25/17 16:21	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/25/17 16:21	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: W-3A **Lab ID: 40150300005** Collected: 05/17/17 13:10 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/25/17 16:21	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/25/17 16:21	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:21	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:21	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:21	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/25/17 16:21	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/25/17 16:21	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/25/17 16:21	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/25/17 16:21	1330-20-7	
cis-1,2-Dichloroethene	0.30J	ug/L	1.0	0.26	1		05/25/17 16:21	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:21	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/25/17 16:21	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:21	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:21	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:21	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 16:21	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 16:21	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/25/17 16:21	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 16:21	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/25/17 16:21	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101	%	67-124		1		05/25/17 16:21	1868-53-7	
Toluene-d8 (S)	98	%	80-120		1		05/25/17 16:21	2037-26-5	
4-Bromofluorobenzene (S)	87	%	61-118		1		05/25/17 16:21	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: W-3B **Lab ID: 40150300006** Collected: 05/17/17 14:25 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/25/17 17:39	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/25/17 17:39	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/25/17 17:39	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/25/17 17:39	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/25/17 17:39	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/25/17 17:39	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/25/17 17:39	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/25/17 17:39	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 17:39	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 17:39	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:39	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/25/17 17:39	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/25/17 17:39	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:39	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/25/17 17:39	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/25/17 17:39	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:39	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:39	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 17:39	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:39	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/25/17 17:39	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/25/17 17:39	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:39	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/25/17 17:39	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/25/17 17:39	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/25/17 17:39	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/25/17 17:39	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:39	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/25/17 17:39	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/25/17 17:39	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 17:39	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/25/17 17:39	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/25/17 17:39	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/25/17 17:39	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:39	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/25/17 17:39	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/25/17 17:39	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 17:39	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 17:39	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/25/17 17:39	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/25/17 17:39	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/25/17 17:39	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:39	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/25/17 17:39	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/25/17 17:39	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/25/17 17:39	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: W-3B **Lab ID: 40150300006** Collected: 05/17/17 14:25 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/25/17 17:39	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/25/17 17:39	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:39	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:39	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:39	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/25/17 17:39	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/25/17 17:39	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/25/17 17:39	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/25/17 17:39	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 17:39	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:39	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/25/17 17:39	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:39	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:39	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:39	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 17:39	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 17:39	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/25/17 17:39	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 17:39	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/25/17 17:39	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100	%	67-124		1		05/25/17 17:39	1868-53-7	
Toluene-d8 (S)	98	%	80-120		1		05/25/17 17:39	2037-26-5	
4-Bromofluorobenzene (S)	86	%	61-118		1		05/25/17 17:39	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: MW-113 **Lab ID: 40150300007** Collected: 05/17/17 09:00 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/25/17 20:14	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/25/17 20:14	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/25/17 20:14	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/25/17 20:14	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/25/17 20:14	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/25/17 20:14	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/25/17 20:14	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/25/17 20:14	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 20:14	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 20:14	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 20:14	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/25/17 20:14	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/25/17 20:14	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 20:14	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/25/17 20:14	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/25/17 20:14	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 20:14	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 20:14	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 20:14	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 20:14	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/25/17 20:14	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/25/17 20:14	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 20:14	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/25/17 20:14	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/25/17 20:14	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/25/17 20:14	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/25/17 20:14	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/25/17 20:14	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/25/17 20:14	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/25/17 20:14	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 20:14	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/25/17 20:14	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/25/17 20:14	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/25/17 20:14	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 20:14	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/25/17 20:14	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/25/17 20:14	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 20:14	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 20:14	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/25/17 20:14	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/25/17 20:14	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/25/17 20:14	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 20:14	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/25/17 20:14	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/25/17 20:14	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/25/17 20:14	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: MW-113 Lab ID: 40150300007 Collected: 05/17/17 09:00 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/25/17 20:14	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/25/17 20:14	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/25/17 20:14	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/25/17 20:14	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/25/17 20:14	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/25/17 20:14	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/25/17 20:14	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/25/17 20:14	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/25/17 20:14	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 20:14	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/25/17 20:14	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/25/17 20:14	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 20:14	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 20:14	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/25/17 20:14	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 20:14	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 20:14	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/25/17 20:14	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 20:14	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/25/17 20:14	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100	%	67-124		1		05/25/17 20:14	1868-53-7	
Toluene-d8 (S)	98	%	80-120		1		05/25/17 20:14	2037-26-5	
4-Bromofluorobenzene (S)	86	%	61-118		1		05/25/17 20:14	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: MW-113A **Lab ID: 40150300008** Collected: 05/17/17 09:05 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/26/17 10:27	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/26/17 10:27	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/26/17 10:27	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/26/17 10:27	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/26/17 10:27	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/26/17 10:27	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/26/17 10:27	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/26/17 10:27	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 10:27	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 10:27	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:27	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/26/17 10:27	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/26/17 10:27	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:27	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/26/17 10:27	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/26/17 10:27	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:27	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:27	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 10:27	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:27	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/26/17 10:27	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/26/17 10:27	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:27	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/26/17 10:27	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/26/17 10:27	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/26/17 10:27	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/26/17 10:27	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:27	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/26/17 10:27	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/26/17 10:27	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 10:27	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/26/17 10:27	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/26/17 10:27	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/26/17 10:27	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:27	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/26/17 10:27	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/26/17 10:27	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 10:27	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 10:27	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/26/17 10:27	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/26/17 10:27	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/26/17 10:27	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:27	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/26/17 10:27	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/26/17 10:27	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/26/17 10:27	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: MW-113A **Lab ID: 40150300008** Collected: 05/17/17 09:05 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/26/17 10:27	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/26/17 10:27	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:27	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:27	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:27	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/26/17 10:27	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/26/17 10:27	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/26/17 10:27	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/26/17 10:27	1330-20-7	
cis-1,2-Dichloroethene	0.68J	ug/L	1.0	0.26	1		05/26/17 10:27	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:27	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/26/17 10:27	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:27	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:27	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:27	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:27	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 10:27	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/26/17 10:27	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/26/17 10:27	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/26/17 10:27	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100	%	67-124		1		05/26/17 10:27	1868-53-7	
Toluene-d8 (S)	98	%	80-120		1		05/26/17 10:27	2037-26-5	
4-Bromofluorobenzene (S)	87	%	61-118		1		05/26/17 10:27	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: MW-113B **Lab ID: 40150300009** Collected: 05/17/17 09:10 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/30/17 12:12	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/30/17 12:12	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/30/17 12:12	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/30/17 12:12	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/30/17 12:12	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/30/17 12:12	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/30/17 12:12	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/30/17 12:12	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/30/17 12:12	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/30/17 12:12	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:12	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/30/17 12:12	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/30/17 12:12	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:12	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/30/17 12:12	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/30/17 12:12	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:12	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:12	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/30/17 12:12	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:12	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/30/17 12:12	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/30/17 12:12	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:12	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/30/17 12:12	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/30/17 12:12	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/30/17 12:12	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/30/17 12:12	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:12	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/30/17 12:12	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/30/17 12:12	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/30/17 12:12	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/30/17 12:12	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/30/17 12:12	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/30/17 12:12	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:12	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/30/17 12:12	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/30/17 12:12	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/30/17 12:12	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/30/17 12:12	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/30/17 12:12	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/30/17 12:12	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/30/17 12:12	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:12	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/30/17 12:12	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/30/17 12:12	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/30/17 12:12	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: MW-113B Lab ID: 40150300009 Collected: 05/17/17 09:10 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/30/17 12:12	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/30/17 12:12	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:12	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:12	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:12	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/30/17 12:12	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/30/17 12:12	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/30/17 12:12	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/30/17 12:12	1330-20-7	
cis-1,2-Dichloroethene	0.27J	ug/L	1.0	0.26	1		05/30/17 12:12	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:12	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/30/17 12:12	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:12	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:12	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:12	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:12	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/30/17 12:12	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/30/17 12:12	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/30/17 12:12	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/30/17 12:12	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100	%	67-124		1		05/30/17 12:12	1868-53-7	
Toluene-d8 (S)	101	%	80-120		1		05/30/17 12:12	2037-26-5	
4-Bromofluorobenzene (S)	93	%	61-118		1		05/30/17 12:12	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: MW-115 **Lab ID: 40150300010** Collected: 05/17/17 10:00 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<7.2	ug/L	40.0	7.2	40		05/26/17 11:37	630-20-6	
1,1,1-Trichloroethane	<20.0	ug/L	40.0	20.0	40		05/26/17 11:37	71-55-6	
1,1,2,2-Tetrachloroethane	<10	ug/L	40.0	10	40		05/26/17 11:37	79-34-5	
1,1,2-Trichloroethane	<7.9	ug/L	40.0	7.9	40		05/26/17 11:37	79-00-5	
1,1-Dichloroethane	56.8	ug/L	40.0	9.7	40		05/26/17 11:37	75-34-3	
1,1-Dichloroethene	<16.4	ug/L	40.0	16.4	40		05/26/17 11:37	75-35-4	
1,1-Dichloropropene	<17.6	ug/L	40.0	17.6	40		05/26/17 11:37	563-58-6	
1,2,3-Trichlorobenzene	<85.3	ug/L	200	85.3	40		05/26/17 11:37	87-61-6	
1,2,3-Trichloropropane	<20.0	ug/L	40.0	20.0	40		05/26/17 11:37	96-18-4	
1,2,4-Trichlorobenzene	<88.4	ug/L	200	88.4	40		05/26/17 11:37	120-82-1	
1,2,4-Trimethylbenzene	<20.0	ug/L	40.0	20.0	40		05/26/17 11:37	95-63-6	
1,2-Dibromo-3-chloropropane	<86.6	ug/L	200	86.6	40		05/26/17 11:37	96-12-8	
1,2-Dibromoethane (EDB)	<7.1	ug/L	40.0	7.1	40		05/26/17 11:37	106-93-4	
1,2-Dichlorobenzene	<20.0	ug/L	40.0	20.0	40		05/26/17 11:37	95-50-1	
1,2-Dichloroethane	76.2	ug/L	40.0	6.7	40		05/26/17 11:37	107-06-2	
1,2-Dichloropropane	<9.3	ug/L	40.0	9.3	40		05/26/17 11:37	78-87-5	
1,3,5-Trimethylbenzene	<20.0	ug/L	40.0	20.0	40		05/26/17 11:37	108-67-8	
1,3-Dichlorobenzene	<20.0	ug/L	40.0	20.0	40		05/26/17 11:37	541-73-1	
1,3-Dichloropropane	<20.0	ug/L	40.0	20.0	40		05/26/17 11:37	142-28-9	
1,4-Dichlorobenzene	<20.0	ug/L	40.0	20.0	40		05/26/17 11:37	106-46-7	
2,2-Dichloropropane	<19.4	ug/L	40.0	19.4	40		05/26/17 11:37	594-20-7	
2-Butanone (MEK)	<119	ug/L	800	119	40		05/26/17 11:37	78-93-3	
2-Chlorotoluene	<20.0	ug/L	40.0	20.0	40		05/26/17 11:37	95-49-8	
2-Propanol	<974	ug/L	10000	974	40		05/26/17 11:37	67-63-0	
4-Chlorotoluene	<8.5	ug/L	40.0	8.5	40		05/26/17 11:37	106-43-4	
4-Methyl-2-pentanone (MIBK)	<85.6	ug/L	200	85.6	40		05/26/17 11:37	108-10-1	
Acetone	<118	ug/L	800	118	40		05/26/17 11:37	67-64-1	
Benzene	<20.0	ug/L	40.0	20.0	40		05/26/17 11:37	71-43-2	
Bromobenzene	<9.2	ug/L	40.0	9.2	40		05/26/17 11:37	108-86-1	
Bromochloromethane	<13.6	ug/L	40.0	13.6	40		05/26/17 11:37	74-97-5	
Bromodichloromethane	<20.0	ug/L	40.0	20.0	40		05/26/17 11:37	75-27-4	
Bromoform	<20.0	ug/L	40.0	20.0	40		05/26/17 11:37	75-25-2	
Bromomethane	<97.4	ug/L	200	97.4	40		05/26/17 11:37	74-83-9	
Carbon tetrachloride	<20.0	ug/L	40.0	20.0	40		05/26/17 11:37	56-23-5	
Chlorobenzene	<20.0	ug/L	40.0	20.0	40		05/26/17 11:37	108-90-7	
Chloroethane	692	ug/L	40.0	15.0	40		05/26/17 11:37	75-00-3	
Chloroform	<100	ug/L	200	100	40		05/26/17 11:37	67-66-3	
Chloromethane	<20.0	ug/L	40.0	20.0	40		05/26/17 11:37	74-87-3	
Dibromochloromethane	<20.0	ug/L	40.0	20.0	40		05/26/17 11:37	124-48-1	
Dibromomethane	<17.1	ug/L	40.0	17.1	40		05/26/17 11:37	74-95-3	
Dichlorodifluoromethane	<9.0	ug/L	40.0	9.0	40		05/26/17 11:37	75-71-8	
Diisopropyl ether	<20.0	ug/L	40.0	20.0	40		05/26/17 11:37	108-20-3	
Ethylbenzene	<20.0	ug/L	40.0	20.0	40		05/26/17 11:37	100-41-4	
Hexachloro-1,3-butadiene	<84.2	ug/L	200	84.2	40		05/26/17 11:37	87-68-3	
Isopropylbenzene (Cumene)	<5.7	ug/L	40.0	5.7	40		05/26/17 11:37	98-82-8	
Methyl-tert-butyl ether	<7.0	ug/L	40.0	7.0	40		05/26/17 11:37	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: MW-115 **Lab ID: 40150300010** Collected: 05/17/17 10:00 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates Analytical Method: EPA 8260									
Methylene Chloride	<9.3	ug/L	40.0	9.3	40		05/26/17 11:37	75-09-2	
Naphthalene	<100	ug/L	200	100	40		05/26/17 11:37	91-20-3	
Styrene	<20.0	ug/L	40.0	20.0	40		05/26/17 11:37	100-42-5	
Tetrachloroethene	<20.0	ug/L	40.0	20.0	40		05/26/17 11:37	127-18-4	
Toluene	68.0	ug/L	40.0	20.0	40		05/26/17 11:37	108-88-3	
Trichloroethene	<13.2	ug/L	40.0	13.2	40		05/26/17 11:37	79-01-6	
Trichlorofluoromethane	<7.4	ug/L	40.0	7.4	40		05/26/17 11:37	75-69-4	
Vinyl chloride	24.3J	ug/L	40.0	7.0	40		05/26/17 11:37	75-01-4	
Xylene (Total)	<60.0	ug/L	120	60.0	40		05/26/17 11:37	1330-20-7	
cis-1,2-Dichloroethene	26.3J	ug/L	40.0	10.2	40		05/26/17 11:37	156-59-2	
cis-1,3-Dichloropropene	<20.0	ug/L	40.0	20.0	40		05/26/17 11:37	10061-01-5	
m&p-Xylene	<40.0	ug/L	80.0	40.0	40		05/26/17 11:37	179601-23-1	
n-Butylbenzene	<20.0	ug/L	40.0	20.0	40		05/26/17 11:37	104-51-8	
n-Propylbenzene	<20.0	ug/L	40.0	20.0	40		05/26/17 11:37	103-65-1	
o-Xylene	<20.0	ug/L	40.0	20.0	40		05/26/17 11:37	95-47-6	
p-Isopropyltoluene	<20.0	ug/L	40.0	20.0	40		05/26/17 11:37	99-87-6	
sec-Butylbenzene	<87.4	ug/L	200	87.4	40		05/26/17 11:37	135-98-8	
tert-Butylbenzene	<7.2	ug/L	40.0	7.2	40		05/26/17 11:37	98-06-6	
trans-1,2-Dichloroethene	105	ug/L	40.0	10.3	40		05/26/17 11:37	156-60-5	
trans-1,3-Dichloropropene	<9.2	ug/L	40.0	9.2	40		05/26/17 11:37	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100	%	67-124		40		05/26/17 11:37	1868-53-7	
Toluene-d8 (S)	99	%	80-120		40		05/26/17 11:37	2037-26-5	
4-Bromofluorobenzene (S)	88	%	61-118		40		05/26/17 11:37	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: MW-115A **Lab ID: 40150300011** Collected: 05/17/17 10:05 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.90	ug/L	5.0	0.90	5		05/25/17 21:05	630-20-6	
1,1,1-Trichloroethane	<2.5	ug/L	5.0	2.5	5		05/25/17 21:05	71-55-6	
1,1,2,2-Tetrachloroethane	<1.2	ug/L	5.0	1.2	5		05/25/17 21:05	79-34-5	
1,1,2-Trichloroethane	14.2	ug/L	5.0	0.99	5		05/25/17 21:05	79-00-5	
1,1-Dichloroethane	222	ug/L	5.0	1.2	5		05/25/17 21:05	75-34-3	
1,1-Dichloroethene	43.7	ug/L	5.0	2.1	5		05/25/17 21:05	75-35-4	
1,1-Dichloropropene	<2.2	ug/L	5.0	2.2	5		05/25/17 21:05	563-58-6	
1,2,3-Trichlorobenzene	<10.7	ug/L	25.0	10.7	5		05/25/17 21:05	87-61-6	
1,2,3-Trichloropropane	<2.5	ug/L	5.0	2.5	5		05/25/17 21:05	96-18-4	
1,2,4-Trichlorobenzene	<11.0	ug/L	25.0	11.0	5		05/25/17 21:05	120-82-1	
1,2,4-Trimethylbenzene	<2.5	ug/L	5.0	2.5	5		05/25/17 21:05	95-63-6	
1,2-Dibromo-3-chloropropane	<10.8	ug/L	25.0	10.8	5		05/25/17 21:05	96-12-8	
1,2-Dibromoethane (EDB)	<0.89	ug/L	5.0	0.89	5		05/25/17 21:05	106-93-4	
1,2-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		05/25/17 21:05	95-50-1	
1,2-Dichloroethane	9.8	ug/L	5.0	0.84	5		05/25/17 21:05	107-06-2	
1,2-Dichloropropane	11.0	ug/L	5.0	1.2	5		05/25/17 21:05	78-87-5	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	5		05/25/17 21:05	108-67-8	
1,3-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		05/25/17 21:05	541-73-1	
1,3-Dichloropropane	<2.5	ug/L	5.0	2.5	5		05/25/17 21:05	142-28-9	
1,4-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		05/25/17 21:05	106-46-7	
2,2-Dichloropropane	<2.4	ug/L	5.0	2.4	5		05/25/17 21:05	594-20-7	
2-Butanone (MEK)	<14.9	ug/L	100	14.9	5		05/25/17 21:05	78-93-3	
2-Chlorotoluene	<2.5	ug/L	5.0	2.5	5		05/25/17 21:05	95-49-8	
2-Propanol	<122	ug/L	1250	122	5		05/25/17 21:05	67-63-0	
4-Chlorotoluene	<1.1	ug/L	5.0	1.1	5		05/25/17 21:05	106-43-4	
4-Methyl-2-pentanone (MIBK)	<10.7	ug/L	25.0	10.7	5		05/25/17 21:05	108-10-1	
Acetone	<14.8	ug/L	100	14.8	5		05/25/17 21:05	67-64-1	
Benzene	<2.5	ug/L	5.0	2.5	5		05/25/17 21:05	71-43-2	
Bromobenzene	<1.2	ug/L	5.0	1.2	5		05/25/17 21:05	108-86-1	
Bromochloromethane	<1.7	ug/L	5.0	1.7	5		05/25/17 21:05	74-97-5	
Bromodichloromethane	<2.5	ug/L	5.0	2.5	5		05/25/17 21:05	75-27-4	
Bromoform	<2.5	ug/L	5.0	2.5	5		05/25/17 21:05	75-25-2	
Bromomethane	<12.2	ug/L	25.0	12.2	5		05/25/17 21:05	74-83-9	
Carbon tetrachloride	<2.5	ug/L	5.0	2.5	5		05/25/17 21:05	56-23-5	
Chlorobenzene	<2.5	ug/L	5.0	2.5	5		05/25/17 21:05	108-90-7	
Chloroethane	<1.9	ug/L	5.0	1.9	5		05/25/17 21:05	75-00-3	
Chloroform	<12.5	ug/L	25.0	12.5	5		05/25/17 21:05	67-66-3	
Chloromethane	<2.5	ug/L	5.0	2.5	5		05/25/17 21:05	74-87-3	
Dibromochloromethane	<2.5	ug/L	5.0	2.5	5		05/25/17 21:05	124-48-1	
Dibromomethane	<2.1	ug/L	5.0	2.1	5		05/25/17 21:05	74-95-3	
Dichlorodifluoromethane	<1.1	ug/L	5.0	1.1	5		05/25/17 21:05	75-71-8	
Diisopropyl ether	<2.5	ug/L	5.0	2.5	5		05/25/17 21:05	108-20-3	
Ethylbenzene	<2.5	ug/L	5.0	2.5	5		05/25/17 21:05	100-41-4	
Hexachloro-1,3-butadiene	<10.5	ug/L	25.0	10.5	5		05/25/17 21:05	87-68-3	
Isopropylbenzene (Cumene)	<0.72	ug/L	5.0	0.72	5		05/25/17 21:05	98-82-8	
Methyl-tert-butyl ether	<0.87	ug/L	5.0	0.87	5		05/25/17 21:05	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: MW-115A **Lab ID: 40150300011** Collected: 05/17/17 10:05 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates Analytical Method: EPA 8260									
Methylene Chloride	<1.2	ug/L	5.0	1.2	5		05/25/17 21:05	75-09-2	
Naphthalene	<12.5	ug/L	25.0	12.5	5		05/25/17 21:05	91-20-3	
Styrene	<2.5	ug/L	5.0	2.5	5		05/25/17 21:05	100-42-5	
Tetrachloroethene	<2.5	ug/L	5.0	2.5	5		05/25/17 21:05	127-18-4	
Toluene	2.8J	ug/L	5.0	2.5	5		05/25/17 21:05	108-88-3	
Trichloroethene	78.2	ug/L	5.0	1.7	5		05/25/17 21:05	79-01-6	
Trichlorofluoromethane	<0.92	ug/L	5.0	0.92	5		05/25/17 21:05	75-69-4	
Vinyl chloride	5.2	ug/L	5.0	0.88	5		05/25/17 21:05	75-01-4	
Xylene (Total)	<7.5	ug/L	15.0	7.5	5		05/25/17 21:05	1330-20-7	
cis-1,2-Dichloroethene	1110	ug/L	5.0	1.3	5		05/25/17 21:05	156-59-2	
cis-1,3-Dichloropropene	<2.5	ug/L	5.0	2.5	5		05/25/17 21:05	10061-01-5	
m&p-Xylene	<5.0	ug/L	10.0	5.0	5		05/25/17 21:05	179601-23-1	
n-Butylbenzene	<2.5	ug/L	5.0	2.5	5		05/25/17 21:05	104-51-8	
n-Propylbenzene	<2.5	ug/L	5.0	2.5	5		05/25/17 21:05	103-65-1	
o-Xylene	<2.5	ug/L	5.0	2.5	5		05/25/17 21:05	95-47-6	
p-Isopropyltoluene	<2.5	ug/L	5.0	2.5	5		05/25/17 21:05	99-87-6	
sec-Butylbenzene	<10.9	ug/L	25.0	10.9	5		05/25/17 21:05	135-98-8	
tert-Butylbenzene	<0.90	ug/L	5.0	0.90	5		05/25/17 21:05	98-06-6	
trans-1,2-Dichloroethene	68.2	ug/L	5.0	1.3	5		05/25/17 21:05	156-60-5	
trans-1,3-Dichloropropene	<1.1	ug/L	5.0	1.1	5		05/25/17 21:05	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	94	%	67-124		5		05/25/17 21:05	1868-53-7	
Toluene-d8 (S)	99	%	80-120		5		05/25/17 21:05	2037-26-5	
4-Bromofluorobenzene (S)	88	%	61-118		5		05/25/17 21:05	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: MW-115B **Lab ID: 40150300012** Collected: 05/17/17 10:10 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<1.8	ug/L	10.0	1.8	10		05/26/17 11:13	630-20-6	
1,1,1-Trichloroethane	<5.0	ug/L	10.0	5.0	10		05/26/17 11:13	71-55-6	
1,1,2,2-Tetrachloroethane	<2.5	ug/L	10.0	2.5	10		05/26/17 11:13	79-34-5	
1,1,2-Trichloroethane	7.1J	ug/L	10.0	2.0	10		05/26/17 11:13	79-00-5	
1,1-Dichloroethane	156	ug/L	10.0	2.4	10		05/26/17 11:13	75-34-3	
1,1-Dichloroethene	37.0	ug/L	10.0	4.1	10		05/26/17 11:13	75-35-4	
1,1-Dichloropropene	<4.4	ug/L	10.0	4.4	10		05/26/17 11:13	563-58-6	
1,2,3-Trichlorobenzene	<21.3	ug/L	50.0	21.3	10		05/26/17 11:13	87-61-6	
1,2,3-Trichloropropane	<5.0	ug/L	10.0	5.0	10		05/26/17 11:13	96-18-4	
1,2,4-Trichlorobenzene	<22.1	ug/L	50.0	22.1	10		05/26/17 11:13	120-82-1	
1,2,4-Trimethylbenzene	<5.0	ug/L	10.0	5.0	10		05/26/17 11:13	95-63-6	
1,2-Dibromo-3-chloropropane	<21.6	ug/L	50.0	21.6	10		05/26/17 11:13	96-12-8	
1,2-Dibromoethane (EDB)	<1.8	ug/L	10.0	1.8	10		05/26/17 11:13	106-93-4	
1,2-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		05/26/17 11:13	95-50-1	
1,2-Dichloroethane	<1.7	ug/L	10.0	1.7	10		05/26/17 11:13	107-06-2	
1,2-Dichloropropane	5.7J	ug/L	10.0	2.3	10		05/26/17 11:13	78-87-5	
1,3,5-Trimethylbenzene	<5.0	ug/L	10.0	5.0	10		05/26/17 11:13	108-67-8	
1,3-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		05/26/17 11:13	541-73-1	
1,3-Dichloropropane	<5.0	ug/L	10.0	5.0	10		05/26/17 11:13	142-28-9	
1,4-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		05/26/17 11:13	106-46-7	
2,2-Dichloropropane	<4.8	ug/L	10.0	4.8	10		05/26/17 11:13	594-20-7	
2-Butanone (MEK)	<29.8	ug/L	200	29.8	10		05/26/17 11:13	78-93-3	
2-Chlorotoluene	<5.0	ug/L	10.0	5.0	10		05/26/17 11:13	95-49-8	
2-Propanol	<243	ug/L	2500	243	10		05/26/17 11:13	67-63-0	
4-Chlorotoluene	<2.1	ug/L	10.0	2.1	10		05/26/17 11:13	106-43-4	
4-Methyl-2-pentanone (MIBK)	<21.4	ug/L	50.0	21.4	10		05/26/17 11:13	108-10-1	
Acetone	<29.5	ug/L	200	29.5	10		05/26/17 11:13	67-64-1	
Benzene	<5.0	ug/L	10.0	5.0	10		05/26/17 11:13	71-43-2	
Bromobenzene	<2.3	ug/L	10.0	2.3	10		05/26/17 11:13	108-86-1	
Bromochloromethane	<3.4	ug/L	10.0	3.4	10		05/26/17 11:13	74-97-5	
Bromodichloromethane	<5.0	ug/L	10.0	5.0	10		05/26/17 11:13	75-27-4	
Bromoform	<5.0	ug/L	10.0	5.0	10		05/26/17 11:13	75-25-2	
Bromomethane	<24.3	ug/L	50.0	24.3	10		05/26/17 11:13	74-83-9	
Carbon tetrachloride	<5.0	ug/L	10.0	5.0	10		05/26/17 11:13	56-23-5	
Chlorobenzene	<5.0	ug/L	10.0	5.0	10		05/26/17 11:13	108-90-7	
Chloroethane	<3.7	ug/L	10.0	3.7	10		05/26/17 11:13	75-00-3	
Chloroform	<25.0	ug/L	50.0	25.0	10		05/26/17 11:13	67-66-3	
Chloromethane	<5.0	ug/L	10.0	5.0	10		05/26/17 11:13	74-87-3	
Dibromochloromethane	<5.0	ug/L	10.0	5.0	10		05/26/17 11:13	124-48-1	
Dibromomethane	<4.3	ug/L	10.0	4.3	10		05/26/17 11:13	74-95-3	
Dichlorodifluoromethane	<2.2	ug/L	10.0	2.2	10		05/26/17 11:13	75-71-8	
Diisopropyl ether	<5.0	ug/L	10.0	5.0	10		05/26/17 11:13	108-20-3	
Ethylbenzene	<5.0	ug/L	10.0	5.0	10		05/26/17 11:13	100-41-4	
Hexachloro-1,3-butadiene	<21.1	ug/L	50.0	21.1	10		05/26/17 11:13	87-68-3	
Isopropylbenzene (Cumene)	<1.4	ug/L	10.0	1.4	10		05/26/17 11:13	98-82-8	
Methyl-tert-butyl ether	<1.7	ug/L	10.0	1.7	10		05/26/17 11:13	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: MW-115B **Lab ID: 40150300012** Collected: 05/17/17 10:10 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Methylene Chloride	<2.3	ug/L	10.0	2.3	10		05/26/17 11:13	75-09-2	
Naphthalene	<25.0	ug/L	50.0	25.0	10		05/26/17 11:13	91-20-3	
Styrene	<5.0	ug/L	10.0	5.0	10		05/26/17 11:13	100-42-5	
Tetrachloroethene	<5.0	ug/L	10.0	5.0	10		05/26/17 11:13	127-18-4	
Toluene	<5.0	ug/L	10.0	5.0	10		05/26/17 11:13	108-88-3	
Trichloroethene	38.8	ug/L	10.0	3.3	10		05/26/17 11:13	79-01-6	
Trichlorofluoromethane	<1.8	ug/L	10.0	1.8	10		05/26/17 11:13	75-69-4	
Vinyl chloride	61.5	ug/L	10.0	1.8	10		05/26/17 11:13	75-01-4	
Xylene (Total)	<15.0	ug/L	30.0	15.0	10		05/26/17 11:13	1330-20-7	
cis-1,2-Dichloroethene	588	ug/L	10.0	2.6	10		05/26/17 11:13	156-59-2	
cis-1,3-Dichloropropene	<5.0	ug/L	10.0	5.0	10		05/26/17 11:13	10061-01-5	
m&p-Xylene	<10.0	ug/L	20.0	10.0	10		05/26/17 11:13	179601-23-1	
n-Butylbenzene	<5.0	ug/L	10.0	5.0	10		05/26/17 11:13	104-51-8	
n-Propylbenzene	<5.0	ug/L	10.0	5.0	10		05/26/17 11:13	103-65-1	
o-Xylene	<5.0	ug/L	10.0	5.0	10		05/26/17 11:13	95-47-6	
p-Isopropyltoluene	<5.0	ug/L	10.0	5.0	10		05/26/17 11:13	99-87-6	
sec-Butylbenzene	<21.9	ug/L	50.0	21.9	10		05/26/17 11:13	135-98-8	
tert-Butylbenzene	<1.8	ug/L	10.0	1.8	10		05/26/17 11:13	98-06-6	
trans-1,2-Dichloroethene	10.2	ug/L	10.0	2.6	10		05/26/17 11:13	156-60-5	
trans-1,3-Dichloropropene	<2.3	ug/L	10.0	2.3	10		05/26/17 11:13	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	97	%	67-124		10		05/26/17 11:13	1868-53-7	
Toluene-d8 (S)	100	%	80-120		10		05/26/17 11:13	2037-26-5	
4-Bromofluorobenzene (S)	87	%	61-118		10		05/26/17 11:13	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: DRINKING WATER **Lab ID: 40150300013** Collected: 05/17/17 14:30 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/26/17 09:17	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/26/17 09:17	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/26/17 09:17	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/26/17 09:17	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/26/17 09:17	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/26/17 09:17	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/26/17 09:17	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/26/17 09:17	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 09:17	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 09:17	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:17	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/26/17 09:17	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/26/17 09:17	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:17	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/26/17 09:17	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/26/17 09:17	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:17	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:17	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 09:17	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:17	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/26/17 09:17	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/26/17 09:17	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:17	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/26/17 09:17	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/26/17 09:17	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/26/17 09:17	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/26/17 09:17	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:17	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/26/17 09:17	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/26/17 09:17	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 09:17	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/26/17 09:17	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/26/17 09:17	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/26/17 09:17	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:17	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/26/17 09:17	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/26/17 09:17	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 09:17	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 09:17	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/26/17 09:17	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/26/17 09:17	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/26/17 09:17	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:17	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/26/17 09:17	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/26/17 09:17	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/26/17 09:17	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR
Pace Project No.: 40150300

Sample: DRINKING WATER **Lab ID: 40150300013** Collected: 05/17/17 14:30 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/26/17 09:17	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/26/17 09:17	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:17	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:17	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:17	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/26/17 09:17	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/26/17 09:17	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/26/17 09:17	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/26/17 09:17	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/26/17 09:17	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:17	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/26/17 09:17	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:17	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:17	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:17	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:17	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 09:17	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/26/17 09:17	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/26/17 09:17	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/26/17 09:17	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101	%	67-124		1		05/26/17 09:17	1868-53-7	
Toluene-d8 (S)	100	%	80-120		1		05/26/17 09:17	2037-26-5	
4-Bromofluorobenzene (S)	87	%	61-118		1		05/26/17 09:17	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: FIELD BLANK **Lab ID: 40150300014** Collected: 05/17/17 07:10 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/26/17 09:41	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/26/17 09:41	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/26/17 09:41	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/26/17 09:41	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/26/17 09:41	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/26/17 09:41	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/26/17 09:41	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/26/17 09:41	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 09:41	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 09:41	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:41	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/26/17 09:41	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/26/17 09:41	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:41	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/26/17 09:41	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/26/17 09:41	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:41	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:41	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 09:41	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:41	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/26/17 09:41	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/26/17 09:41	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:41	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/26/17 09:41	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/26/17 09:41	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/26/17 09:41	108-10-1	
Acetone	3.6J	ug/L	20.0	3.0	1		05/26/17 09:41	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:41	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/26/17 09:41	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/26/17 09:41	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 09:41	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/26/17 09:41	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/26/17 09:41	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/26/17 09:41	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:41	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/26/17 09:41	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/26/17 09:41	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 09:41	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 09:41	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/26/17 09:41	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/26/17 09:41	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/26/17 09:41	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:41	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/26/17 09:41	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/26/17 09:41	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/26/17 09:41	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: FIELD BLANK **Lab ID: 40150300014** Collected: 05/17/17 07:10 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/26/17 09:41	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/26/17 09:41	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:41	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:41	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:41	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/26/17 09:41	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/26/17 09:41	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/26/17 09:41	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/26/17 09:41	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/26/17 09:41	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:41	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/26/17 09:41	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:41	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:41	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:41	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 09:41	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 09:41	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/26/17 09:41	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/26/17 09:41	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/26/17 09:41	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101	%	67-124		1		05/26/17 09:41	1868-53-7	
Toluene-d8 (S)	99	%	80-120		1		05/26/17 09:41	2037-26-5	
4-Bromofluorobenzene (S)	85	%	61-118		1		05/26/17 09:41	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: METHOD BLANK **Lab ID: 40150300015** Collected: 05/17/17 14:35 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/26/17 10:04	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/26/17 10:04	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/26/17 10:04	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/26/17 10:04	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/26/17 10:04	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/26/17 10:04	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/26/17 10:04	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/26/17 10:04	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 10:04	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 10:04	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:04	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/26/17 10:04	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/26/17 10:04	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:04	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/26/17 10:04	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/26/17 10:04	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:04	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:04	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/26/17 10:04	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:04	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/26/17 10:04	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/26/17 10:04	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:04	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/26/17 10:04	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/26/17 10:04	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/26/17 10:04	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/26/17 10:04	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:04	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/26/17 10:04	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/26/17 10:04	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 10:04	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/26/17 10:04	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/26/17 10:04	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/26/17 10:04	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:04	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/26/17 10:04	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/26/17 10:04	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 10:04	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/26/17 10:04	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/26/17 10:04	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/26/17 10:04	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/26/17 10:04	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:04	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/26/17 10:04	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/26/17 10:04	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/26/17 10:04	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: METHOD BLANK **Lab ID: 40150300015** Collected: 05/17/17 14:35 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/26/17 10:04	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/26/17 10:04	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:04	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:04	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:04	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/26/17 10:04	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/26/17 10:04	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/26/17 10:04	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/26/17 10:04	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/26/17 10:04	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:04	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/26/17 10:04	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:04	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:04	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:04	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/26/17 10:04	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/26/17 10:04	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/26/17 10:04	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/26/17 10:04	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/26/17 10:04	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100	%	67-124		1		05/26/17 10:04	1868-53-7	
Toluene-d8 (S)	96	%	80-120		1		05/26/17 10:04	2037-26-5	
4-Bromofluorobenzene (S)	86	%	61-118		1		05/26/17 10:04	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: TRIP BLANK **Lab ID: 40150300016** Collected: 05/17/17 00:00 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/25/17 15:30	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/25/17 15:30	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/25/17 15:30	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/25/17 15:30	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/25/17 15:30	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/25/17 15:30	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/25/17 15:30	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/25/17 15:30	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 15:30	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 15:30	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:30	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/25/17 15:30	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/25/17 15:30	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:30	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/25/17 15:30	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/25/17 15:30	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:30	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:30	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/25/17 15:30	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:30	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/25/17 15:30	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/25/17 15:30	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:30	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/25/17 15:30	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/25/17 15:30	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/25/17 15:30	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/25/17 15:30	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:30	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/25/17 15:30	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/25/17 15:30	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 15:30	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/25/17 15:30	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/25/17 15:30	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/25/17 15:30	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:30	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/25/17 15:30	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/25/17 15:30	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 15:30	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/25/17 15:30	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/25/17 15:30	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/25/17 15:30	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/25/17 15:30	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:30	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/25/17 15:30	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/25/17 15:30	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/25/17 15:30	1634-04-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150300

Sample: TRIP BLANK **Lab ID: 40150300016** Collected: 05/17/17 00:00 Received: 05/19/17 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/25/17 15:30	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/25/17 15:30	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:30	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:30	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:30	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/25/17 15:30	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/25/17 15:30	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/25/17 15:30	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/25/17 15:30	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 15:30	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:30	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/25/17 15:30	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:30	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:30	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:30	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/25/17 15:30	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/25/17 15:30	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/25/17 15:30	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/25/17 15:30	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/25/17 15:30	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	101	%	67-124		1		05/25/17 15:30	1868-53-7	
Toluene-d8 (S)	98	%	80-120		1		05/25/17 15:30	2037-26-5	
4-Bromofluorobenzene (S)	87	%	61-118		1		05/25/17 15:30	460-00-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 55929.005 WRR
Pace Project No.: 40150300

QC Batch: 256299 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Oxygenates
Associated Lab Samples: 40150300001, 40150300002, 40150300003, 40150300004, 40150300005, 40150300006, 40150300007, 40150300008, 40150300010, 40150300011, 40150300012, 40150300013, 40150300014, 40150300015, 40150300016

METHOD BLANK: 1511130 Matrix: Water
Associated Lab Samples: 40150300001, 40150300002, 40150300003, 40150300004, 40150300005, 40150300006, 40150300007, 40150300008, 40150300010, 40150300011, 40150300012, 40150300013, 40150300014, 40150300015, 40150300016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	05/25/17 10:46	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	05/25/17 10:46	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	05/25/17 10:46	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	05/25/17 10:46	
1,1-Dichloroethane	ug/L	<0.24	1.0	05/25/17 10:46	
1,1-Dichloroethene	ug/L	<0.41	1.0	05/25/17 10:46	
1,1-Dichloropropene	ug/L	<0.44	1.0	05/25/17 10:46	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	05/25/17 10:46	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	05/25/17 10:46	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	05/25/17 10:46	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	05/25/17 10:46	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	05/25/17 10:46	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	05/25/17 10:46	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	05/25/17 10:46	
1,2-Dichloroethane	ug/L	<0.17	1.0	05/25/17 10:46	
1,2-Dichloropropane	ug/L	<0.23	1.0	05/25/17 10:46	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	05/25/17 10:46	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	05/25/17 10:46	
1,3-Dichloropropane	ug/L	<0.50	1.0	05/25/17 10:46	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	05/25/17 10:46	
2,2-Dichloropropane	ug/L	<0.48	1.0	05/25/17 10:46	
2-Butanone (MEK)	ug/L	<3.0	20.0	05/25/17 10:46	
2-Chlorotoluene	ug/L	<0.50	1.0	05/25/17 10:46	
2-Propanol	ug/L	<24.3	250	05/25/17 10:46	
4-Chlorotoluene	ug/L	<0.21	1.0	05/25/17 10:46	
4-Methyl-2-pentanone (MIBK)	ug/L	<2.1	5.0	05/25/17 10:46	
Acetone	ug/L	<3.0	20.0	05/25/17 10:46	
Benzene	ug/L	<0.50	1.0	05/25/17 10:46	
Bromobenzene	ug/L	<0.23	1.0	05/25/17 10:46	
Bromochloromethane	ug/L	<0.34	1.0	05/25/17 10:46	
Bromodichloromethane	ug/L	<0.50	1.0	05/25/17 10:46	
Bromoform	ug/L	<0.50	1.0	05/25/17 10:46	
Bromomethane	ug/L	<2.4	5.0	05/25/17 10:46	
Carbon tetrachloride	ug/L	<0.50	1.0	05/25/17 10:46	
Chlorobenzene	ug/L	<0.50	1.0	05/25/17 10:46	
Chloroethane	ug/L	<0.37	1.0	05/25/17 10:46	
Chloroform	ug/L	<2.5	5.0	05/25/17 10:46	
Chloromethane	ug/L	<0.50	1.0	05/25/17 10:46	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 55929.005 WRR
Pace Project No.: 40150300

METHOD BLANK: 1511130

Matrix: Water

Associated Lab Samples: 40150300001, 40150300002, 40150300003, 40150300004, 40150300005, 40150300006, 40150300007, 40150300008, 40150300010, 40150300011, 40150300012, 40150300013, 40150300014, 40150300015, 40150300016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	05/25/17 10:46	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	05/25/17 10:46	
Dibromochloromethane	ug/L	<0.50	1.0	05/25/17 10:46	
Dibromomethane	ug/L	<0.43	1.0	05/25/17 10:46	
Dichlorodifluoromethane	ug/L	<0.22	1.0	05/25/17 10:46	
Diisopropyl ether	ug/L	<0.50	1.0	05/25/17 10:46	
Ethylbenzene	ug/L	<0.50	1.0	05/25/17 10:46	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	05/25/17 10:46	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	05/25/17 10:46	
m&p-Xylene	ug/L	<1.0	2.0	05/25/17 10:46	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	05/25/17 10:46	
Methylene Chloride	ug/L	<0.23	1.0	05/25/17 10:46	
n-Butylbenzene	ug/L	<0.50	1.0	05/25/17 10:46	
n-Propylbenzene	ug/L	<0.50	1.0	05/25/17 10:46	
Naphthalene	ug/L	<2.5	5.0	05/25/17 10:46	
o-Xylene	ug/L	<0.50	1.0	05/25/17 10:46	
p-Isopropyltoluene	ug/L	<0.50	1.0	05/25/17 10:46	
sec-Butylbenzene	ug/L	<2.2	5.0	05/25/17 10:46	
Styrene	ug/L	<0.50	1.0	05/25/17 10:46	
tert-Butylbenzene	ug/L	<0.18	1.0	05/25/17 10:46	
Tetrachloroethene	ug/L	<0.50	1.0	05/25/17 10:46	
Toluene	ug/L	<0.50	1.0	05/25/17 10:46	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	05/25/17 10:46	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	05/25/17 10:46	
Trichloroethene	ug/L	<0.33	1.0	05/25/17 10:46	
Trichlorofluoromethane	ug/L	<0.18	1.0	05/25/17 10:46	
Vinyl chloride	ug/L	<0.18	1.0	05/25/17 10:46	
Xylene (Total)	ug/L	<1.5	3.0	05/25/17 10:46	
4-Bromofluorobenzene (S)	%	89	61-118	05/25/17 10:46	
Dibromofluoromethane (S)	%	99	67-124	05/25/17 10:46	
Toluene-d8 (S)	%	100	80-120	05/25/17 10:46	

LABORATORY CONTROL SAMPLE: 1511131

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	49.3	99	85-130	
1,1,2,2-Tetrachloroethane	ug/L	50	48.4	97	72-114	
1,1,2-Trichloroethane	ug/L	50	51.4	103	80-120	
1,1-Dichloroethane	ug/L	50	49.7	99	71-132	
1,1-Dichloroethene	ug/L	50	49.0	98	75-130	
1,2,4-Trichlorobenzene	ug/L	50	54.6	109	74-117	
1,2-Dibromo-3-chloropropane	ug/L	50	49.5	99	63-121	

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QUALITY CONTROL DATA

Project: 55929.005 WRR

Pace Project No.: 40150300

LABORATORY CONTROL SAMPLE: 1511131

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	51.5	103	80-120	
1,2-Dichlorobenzene	ug/L	50	52.0	104	80-120	
1,2-Dichloroethane	ug/L	50	48.0	96	79-131	
1,2-Dichloropropane	ug/L	50	57.1	114	80-120	
1,3-Dichlorobenzene	ug/L	50	51.8	104	80-120	
1,4-Dichlorobenzene	ug/L	50	51.4	103	80-120	
Benzene	ug/L	50	45.6	91	81-142	
Bromodichloromethane	ug/L	50	51.5	103	80-120	
Bromoform	ug/L	50	60.0	120	67-122	
Bromomethane	ug/L	50	36.2	72	40-128	
Carbon tetrachloride	ug/L	50	53.6	107	85-133	
Chlorobenzene	ug/L	50	53.5	107	80-120	
Chloroethane	ug/L	50	59.5	119	58-120	
Chloroform	ug/L	50	45.4	91	80-121	
Chloromethane	ug/L	50	57.3	115	40-127	
cis-1,2-Dichloroethene	ug/L	50	42.8	86	83-129	
cis-1,3-Dichloropropene	ug/L	50	54.9	110	80-120	
Dibromochloromethane	ug/L	50	53.7	107	80-120	
Dichlorodifluoromethane	ug/L	50	49.0	98	20-135	
Ethylbenzene	ug/L	50	53.2	106	87-129	
Isopropylbenzene (Cumene)	ug/L	50	54.7	109	82-128	
m&p-Xylene	ug/L	100	112	112	87-130	
Methyl-tert-butyl ether	ug/L	50	46.7	93	66-143	
Methylene Chloride	ug/L	50	40.5	81	73-126	
o-Xylene	ug/L	50	57.5	115	84-130	
Styrene	ug/L	50	50.9	102	82-122	
Tetrachloroethene	ug/L	50	56.1	112	80-120	
Toluene	ug/L	50	50.9	102	82-130	
trans-1,2-Dichloroethene	ug/L	50	47.2	94	75-132	
trans-1,3-Dichloropropene	ug/L	50	47.8	96	71-114	
Trichloroethene	ug/L	50	53.2	106	80-120	
Trichlorofluoromethane	ug/L	50	58.3	117	82-133	
Vinyl chloride	ug/L	50	62.0	124	57-136	
Xylene (Total)	ug/L	150	170	113	86-130	
4-Bromofluorobenzene (S)	%			98	61-118	
Dibromofluoromethane (S)	%			91	67-124	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1511598 1511599

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40150300002 Result	Spike Conc.	Spike Conc.	MS Result						
1,1,1-Trichloroethane	ug/L	2.4	50	50	50.2	48.1	96	91	85-134	4	20
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	49.8	47.0	100	94	72-114	6	20
1,1,2-Trichloroethane	ug/L	<0.20	50	50	53.2	49.5	106	99	80-120	7	20

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QUALITY CONTROL DATA

Project: 55929.005 WRR

Pace Project No.: 40150300

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		1511598		1511599								
Parameter	Units	40150300002		MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
1,1-Dichloroethane	ug/L	<0.24	50	50	48.5	47.2	97	94	71-133	3	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	45.6	47.2	91	94	75-136	3	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	54.8	51.0	110	102	74-117	7	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	49.6	47.0	99	94	63-123	5	20	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	53.0	50.5	106	101	80-120	5	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	52.6	50.8	105	102	80-120	3	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	46.7	44.5	93	89	79-131	5	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	55.7	53.8	111	108	80-120	3	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	52.2	49.9	104	100	80-120	5	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	52.0	49.6	104	99	80-120	5	20	
Benzene	ug/L	<0.50	50	50	45.0	43.4	90	87	81-142	4	20	
Bromodichloromethane	ug/L	<0.50	50	50	51.8	49.3	104	99	80-120	5	20	
Bromoform	ug/L	<0.50	50	50	60.2	57.3	120	115	67-122	5	20	
Bromomethane	ug/L	<2.4	50	50	37.4	38.1	75	76	40-129	2	20	
Carbon tetrachloride	ug/L	<0.50	50	50	52.2	50.2	104	100	85-134	4	20	
Chlorobenzene	ug/L	<0.50	50	50	53.0	51.6	106	103	80-120	3	20	
Chloroethane	ug/L	<0.37	50	50	56.3	55.0	113	110	58-120	2	20	
Chloroform	ug/L	<2.5	50	50	44.2	42.8	88	86	80-121	3	20	
Chloromethane	ug/L	<0.50	50	50	55.0	55.3	110	111	40-128	0	20	
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	42.3	41.5	85	83	83-129	2	20	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	54.2	54.0	108	108	80-120	0	20	
Dibromochloromethane	ug/L	<0.50	50	50	54.0	52.4	108	105	80-120	3	20	
Dichlorodifluoromethane	ug/L	<0.22	50	50	45.4	45.2	91	90	20-146	0	20	
Ethylbenzene	ug/L	<0.50	50	50	54.3	51.8	109	104	87-129	5	20	
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	55.5	53.5	111	107	80-128	4	20	
m&p-Xylene	ug/L	<1.0	100	100	113	108	113	108	87-130	5	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	46.1	45.6	92	91	66-143	1	20	
Methylene Chloride	ug/L	<0.23	50	50	44.3	38.8	89	78	73-127	13	20	
o-Xylene	ug/L	<0.50	50	50	56.8	55.8	114	112	84-130	2	20	
Styrene	ug/L	<0.50	50	50	51.0	49.2	102	98	80-122	4	20	
Tetrachloroethene	ug/L	6.4	50	50	64.7	63.5	117	114	80-120	2	20	
Toluene	ug/L	<0.50	50	50	52.5	50.1	105	100	82-131	5	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	45.9	44.7	92	89	75-135	3	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	48.0	48.4	96	97	71-120	1	20	
Trichloroethene	ug/L	<0.33	50	50	52.6	51.6	105	103	80-120	2	20	
Trichlorofluoromethane	ug/L	<0.18	50	50	55.9	53.2	112	106	76-150	5	20	
Vinyl chloride	ug/L	<0.18	50	50	59.9	58.5	120	117	56-143	2	20	
Xylene (Total)	ug/L	<1.5	150	150	170	164	113	109	86-130	4	20	
4-Bromofluorobenzene (S)	%						102	101	61-118			
Dibromofluoromethane (S)	%						89	88	67-124			
Toluene-d8 (S)	%						101	102	80-120			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 55929.005 WRR
Pace Project No.: 40150300

QC Batch: 256822	Analysis Method: EPA 8260
QC Batch Method: EPA 8260	Analysis Description: 8260 MSV Oxygenates
Associated Lab Samples: 40150300009	

METHOD BLANK: 1513518 Matrix: Water
Associated Lab Samples: 40150300009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	05/30/17 06:56	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	05/30/17 06:56	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	05/30/17 06:56	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	05/30/17 06:56	
1,1-Dichloroethane	ug/L	<0.24	1.0	05/30/17 06:56	
1,1-Dichloroethene	ug/L	<0.41	1.0	05/30/17 06:56	
1,1-Dichloropropene	ug/L	<0.44	1.0	05/30/17 06:56	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	05/30/17 06:56	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	05/30/17 06:56	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	05/30/17 06:56	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	05/30/17 06:56	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	05/30/17 06:56	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	05/30/17 06:56	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	05/30/17 06:56	
1,2-Dichloroethane	ug/L	<0.17	1.0	05/30/17 06:56	
1,2-Dichloropropane	ug/L	<0.23	1.0	05/30/17 06:56	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	05/30/17 06:56	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	05/30/17 06:56	
1,3-Dichloropropane	ug/L	<0.50	1.0	05/30/17 06:56	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	05/30/17 06:56	
2,2-Dichloropropane	ug/L	<0.48	1.0	05/30/17 06:56	
2-Butanone (MEK)	ug/L	<3.0	20.0	05/30/17 06:56	
2-Chlorotoluene	ug/L	<0.50	1.0	05/30/17 06:56	
2-Propanol	ug/L	<24.3	250	05/30/17 06:56	
4-Chlorotoluene	ug/L	<0.21	1.0	05/30/17 06:56	
4-Methyl-2-pentanone (MIBK)	ug/L	<2.1	5.0	05/30/17 06:56	
Acetone	ug/L	<3.0	20.0	05/30/17 06:56	
Benzene	ug/L	<0.50	1.0	05/30/17 06:56	
Bromobenzene	ug/L	<0.23	1.0	05/30/17 06:56	
Bromochloromethane	ug/L	<0.34	1.0	05/30/17 06:56	
Bromodichloromethane	ug/L	<0.50	1.0	05/30/17 06:56	
Bromoform	ug/L	<0.50	1.0	05/30/17 06:56	
Bromomethane	ug/L	<2.4	5.0	05/30/17 06:56	
Carbon tetrachloride	ug/L	<0.50	1.0	05/30/17 06:56	
Chlorobenzene	ug/L	<0.50	1.0	05/30/17 06:56	
Chloroethane	ug/L	<0.37	1.0	05/30/17 06:56	
Chloroform	ug/L	<2.5	5.0	05/30/17 06:56	
Chloromethane	ug/L	<0.50	1.0	05/30/17 06:56	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	05/30/17 06:56	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	05/30/17 06:56	
Dibromochloromethane	ug/L	<0.50	1.0	05/30/17 06:56	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 55929.005 WRR
Pace Project No.: 40150300

METHOD BLANK: 1513518

Matrix: Water

Associated Lab Samples: 40150300009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<0.43	1.0	05/30/17 06:56	
Dichlorodifluoromethane	ug/L	<0.22	1.0	05/30/17 06:56	
Diisopropyl ether	ug/L	<0.50	1.0	05/30/17 06:56	
Ethylbenzene	ug/L	<0.50	1.0	05/30/17 06:56	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	05/30/17 06:56	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	05/30/17 06:56	
m&p-Xylene	ug/L	<1.0	2.0	05/30/17 06:56	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	05/30/17 06:56	
Methylene Chloride	ug/L	<0.23	1.0	05/30/17 06:56	
n-Butylbenzene	ug/L	<0.50	1.0	05/30/17 06:56	
n-Propylbenzene	ug/L	<0.50	1.0	05/30/17 06:56	
Naphthalene	ug/L	<2.5	5.0	05/30/17 06:56	
o-Xylene	ug/L	<0.50	1.0	05/30/17 06:56	
p-Isopropyltoluene	ug/L	<0.50	1.0	05/30/17 06:56	
sec-Butylbenzene	ug/L	<2.2	5.0	05/30/17 06:56	
Styrene	ug/L	<0.50	1.0	05/30/17 06:56	
tert-Butylbenzene	ug/L	<0.18	1.0	05/30/17 06:56	
Tetrachloroethene	ug/L	<0.50	1.0	05/30/17 06:56	
Toluene	ug/L	<0.50	1.0	05/30/17 06:56	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	05/30/17 06:56	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	05/30/17 06:56	
Trichloroethene	ug/L	<0.33	1.0	05/30/17 06:56	
Trichlorofluoromethane	ug/L	<0.18	1.0	05/30/17 06:56	
Vinyl chloride	ug/L	<0.18	1.0	05/30/17 06:56	
Xylene (Total)	ug/L	<1.5	3.0	05/30/17 06:56	
4-Bromofluorobenzene (S)	%	95	61-118	05/30/17 06:56	
Dibromofluoromethane (S)	%	95	67-124	05/30/17 06:56	
Toluene-d8 (S)	%	96	80-120	05/30/17 06:56	

LABORATORY CONTROL SAMPLE: 1513519

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	46.8	94	85-130	
1,1,2,2-Tetrachloroethane	ug/L	50	48.6	97	72-114	
1,1,2-Trichloroethane	ug/L	50	46.5	93	80-120	
1,1-Dichloroethane	ug/L	50	48.4	97	71-132	
1,1-Dichloroethene	ug/L	50	54.1	108	75-130	
1,2,4-Trichlorobenzene	ug/L	50	44.0	88	74-117	
1,2-Dibromo-3-chloropropane	ug/L	50	46.7	93	63-121	
1,2-Dibromoethane (EDB)	ug/L	50	47.1	94	80-120	
1,2-Dichlorobenzene	ug/L	50	46.0	92	80-120	
1,2-Dichloroethane	ug/L	50	47.9	96	79-131	
1,2-Dichloropropane	ug/L	50	45.9	92	80-120	
1,3-Dichlorobenzene	ug/L	50	45.2	90	80-120	

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QUALITY CONTROL DATA

Project: 55929.005 WRR
Pace Project No.: 40150300

LABORATORY CONTROL SAMPLE: 1513519

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	42.8	86	80-120	
Benzene	ug/L	50	47.8	96	81-142	
Bromodichloromethane	ug/L	50	47.4	95	80-120	
Bromoform	ug/L	50	43.2	86	67-122	
Bromomethane	ug/L	50	38.5	77	40-128	
Carbon tetrachloride	ug/L	50	43.6	87	85-133	
Chlorobenzene	ug/L	50	47.2	94	80-120	
Chloroethane	ug/L	50	58.1	116	58-120	
Chloroform	ug/L	50	46.3	93	80-121	
Chloromethane	ug/L	50	47.0	94	40-127	
cis-1,2-Dichloroethene	ug/L	50	46.3	93	83-129	
cis-1,3-Dichloropropene	ug/L	50	44.3	89	80-120	
Dibromochloromethane	ug/L	50	41.4	83	80-120	
Dichlorodifluoromethane	ug/L	50	45.5	91	20-135	
Ethylbenzene	ug/L	50	49.1	98	87-129	
Isopropylbenzene (Cumene)	ug/L	50	44.3	89	82-128	
m&p-Xylene	ug/L	100	95.6	96	87-130	
Methyl-tert-butyl ether	ug/L	50	53.3	107	66-143	
Methylene Chloride	ug/L	50	51.3	103	73-126	
o-Xylene	ug/L	50	47.0	94	84-130	
Styrene	ug/L	50	43.3	87	82-122	
Tetrachloroethene	ug/L	50	43.3	87	80-120	
Toluene	ug/L	50	48.1	96	82-130	
trans-1,2-Dichloroethene	ug/L	50	52.5	105	75-132	
trans-1,3-Dichloropropene	ug/L	50	45.5	91	71-114	
Trichloroethene	ug/L	50	46.1	92	80-120	
Trichlorofluoromethane	ug/L	50	61.2	122	82-133	
Vinyl chloride	ug/L	50	59.2	118	57-136	
Xylene (Total)	ug/L	150	143	95	86-130	
4-Bromofluorobenzene (S)	%			104	61-118	
Dibromofluoromethane (S)	%			96	67-124	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1514955 1514956

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40150538007 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1-Trichloroethane	ug/L	<0.50	50	50	38.1	50.6	76	101	85-134	28	20	M1,R1
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	43.9	52.8	88	106	72-114	18	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	41.8	51.0	84	102	80-120	20	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	41.2	50.5	82	101	71-133	20	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	42.2	54.9	84	110	75-136	26	20	R1
1,2,4-Trichlorobenzene	ug/L				35.6	47.3				28	20	R1
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	40.4	45.7	81	91	63-123	12	20	

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QUALITY CONTROL DATA

Project: 55929.005 WRR

Pace Project No.: 40150300

Parameter	Units	1514955		1514956		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40150538007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	40.1	49.6	80	99	80-120	21	20	R1	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	36.9	50.0	74	100	80-120	30	20	M1,R1	
1,2-Dichloroethane	ug/L	<0.17	50	50	43.7	52.7	87	105	79-131	19	20		
1,2-Dichloropropane	ug/L	<0.23	50	50	39.4	52.8	79	106	80-120	29	20	M1,R1	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	34.8	49.1	70	98	80-120	34	20	M1,R1	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	34.0	46.9	68	94	80-120	32	20	M1,R1	
Benzene	ug/L	<0.50	50	50	41.1	52.8	82	106	81-142	25	20	R1	
Bromodichloromethane	ug/L	<0.50	50	50	39.2	52.0	78	104	80-120	28	20	M1,R1	
Bromoform	ug/L	<0.50	50	50	35.2	43.3	70	87	67-122	21	20	R1	
Bromomethane	ug/L	<2.4	50	50	26.7	38.1	53	76	40-129	35	20	R1	
Carbon tetrachloride	ug/L	<0.50	50	50	35.7	47.0	71	94	85-134	27	20	M1,R1	
Chlorobenzene	ug/L	<0.50	50	50	38.4	51.2	77	102	80-120	29	20	M1,R1	
Chloroethane	ug/L	<0.37	50	50	44.7	57.6	89	115	58-120	25	20	R1	
Chloroform	ug/L	<2.5	50	50	39.4	50.8	79	102	80-121	25	20	M1,R1	
Chloromethane	ug/L	<0.50	50	50	37.7	47.8	75	96	40-128	24	20	R1	
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	37.7	50.2	75	100	83-129	28	20	M1,R1	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	35.8	45.7	72	91	80-120	24	20	M1,R1	
Dibromochloromethane	ug/L	<0.50	50	50	35.6	44.4	71	89	80-120	22	20	M1,R1	
Dichlorodifluoromethane	ug/L	<0.22	50	50	34.1	44.6	68	89	20-146	27	20	R1	
Ethylbenzene	ug/L	<0.50	50	50	38.4	53.6	77	107	87-129	33	20	M1,R1	
Isopropylbenzene (Cumene)	ug/L				33.3	48.0				36	20	R1	
m&p-Xylene	ug/L	<1.0	100	100	74.2	104	74	104	87-130	34	20	M1,R1	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	50.1	55.1	100	110	66-143	9	20		
Methylene Chloride	ug/L	<0.23	50	50	47.3	54.2	95	108	73-127	14	20		
o-Xylene	ug/L	<0.50	50	50	36.6	50.8	73	102	84-130	33	20	M1,R1	
Styrene	ug/L	<0.50	50	50	34.2	47.5	68	95	80-122	32	20	M1,R1	
Tetrachloroethene	ug/L	<0.50	50	50	32.1	46.1	64	92	80-120	36	20	M1,R1	
Toluene	ug/L	<0.50	50	50	37.3	51.8	75	104	82-131	32	20	M1,R1	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	46.1	57.4	92	115	75-135	22	20	R1	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	34.5	46.0	69	92	71-120	28	20	M1,R1	
Trichloroethene	ug/L	<0.33	50	50	36.5	50.4	73	101	80-120	32	20	M1,R1	
Trichlorofluoromethane	ug/L	<0.18	50	50	47.5	64.5	95	129	76-150	30	20	R1	
Vinyl chloride	ug/L	<0.18	50	50	46.2	60.7	92	121	56-143	27	20	R1	
Xylene (Total)	ug/L	<1.5	150	150	111	155	74	103	86-130	33	20	MS,RS	
4-Bromofluorobenzene (S)	%						101	103	61-118				
Dibromofluoromethane (S)	%						102	101	67-124				
Toluene-d8 (S)	%						100	100	80-120				

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 55929.005 WRR

Pace Project No.: 40150300

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.

ANALYTE QUALIFIERS

- | | |
|----|---|
| M1 | Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery. |
| MS | Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result. |
| R1 | RPD value was outside control limits. |
| RS | The RPD value in one of the constituent analytes was outside the control limits. |

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 55929.005 WRR

Pace Project No.: 40150300

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40150300001	W-4	EPA 8260	256299		
40150300002	W-7	EPA 8260	256299		
40150300003	W-20	EPA 8260	256299		
40150300004	W-3	EPA 8260	256299		
40150300005	W-3A	EPA 8260	256299		
40150300006	W-3B	EPA 8260	256299		
40150300007	MW-113	EPA 8260	256299		
40150300008	MW-113A	EPA 8260	256299		
40150300009	MW-113B	EPA 8260	256822		
40150300010	MW-115	EPA 8260	256299		
40150300011	MW-115A	EPA 8260	256299		
40150300012	MW-115B	EPA 8260	256299		
40150300013	DRINKING WATER	EPA 8260	256299		
40150300014	FIELD BLANK	EPA 8260	256299		
40150300015	METHOD BLANK	EPA 8260	256299		
40150300016	TRIP BLANK	EPA 8260	256299		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: Gannett Fleming
 Branch/Location:
 Project Contact:
 Phone:
 Project Number: 55929.005
 Project Name: WRR
 Project State:
 Sampled By (Print): See pg 1
 Sampled By (Sign):
 PO #:



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

Page 2 of 2
 40150300
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CHAIN OF CUSTODY

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

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

Y/N	Pick Letter	Analyses Requested	COLLECTION		MATRIX	
			DATE	TIME		
N	B	1005	5/17/17	7:10	GW	
				14:35		

Quote #:
 Mail To Contact:
 Mail To Company:
 Mail To Address: See pg 1
 Invoice To Contact:
 Invoice To Company:
 Invoice To Address:
 Invoice To Phone:
 CLIENT COMMENTS
 3-40mL^B
 ↓
 2-40mL^B
 LAB COMMENTS (Lab Use Only)
 Profile #

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
014	Field Blank	5/17/17	7:10	GW
015	Method Blank	↓	14:35	↓
016	Trip Blank	↓		↓

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

Relinquished By: [Signature] Date/Time: 5/18/17 17:00
 Received By: _____ Date/Time: _____

Transmit Prelim Rush Results by (complete what you want):
Fed Ex Date/Time: 5/16/17 1005
 Received By: [Signature] Date/Time: 5/19/17 1005

Email #1:
 Email #2:
 Telephone:
 Fax:

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

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

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

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

PACE Project No. 40150300
 Receipt Temp = ROJ °C
 Sample Receipt pH OK / Adjusted
 Cooler Custody Seal Present / Not Present
 Intact / Not Intact

Sample Condition Upon Receipt

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

Pace Analytical
Client Name: Gannett Fleming

Project #: **WO# : 40150300**



Courier: Fed Ex UPS Client Pace Other: _____

Tracking #: 815 5971 8874

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

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

Packing Material: Bubble Wrap Bubble Bags None Other _____

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

Cooler Temperature Uncorr: ROF /Corr: _____ Biological Tissue is Frozen: yes no

Temp Blank Present: yes no no

Person examining contents:
Date: 5/17/17
Initials: SSM

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<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. <u>Page 1 only</u> <u>SSM</u>
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>016 collect date is "5/16/17"</u> <u>SSM</u>
-Includes date/time/ID/Analysis Matrix:	<u>W</u>	
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: <u>VOA</u> , coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
		Lab Std #/ID of preservative
		Date/Time:
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):	<u>381</u>	

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: RMR Eric DM Date: 5/19/17

June 06, 2017

The Analytical Results & QA/QC
Data included with this report were
reviewed and approved by AWM
on 06/06/17.

Tony Miller
Gannett Fleming
8025 Excelsior Drive
Madison, WI 53717

RE: Project: 55929.005 WRR
Pace Project No.: 40150342

Dear Tony Miller:

Enclosed are the analytical results for sample(s) received by the laboratory on May 20, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Chelsea Payne, Gannett Fleming Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 55929.005 WRR

Pace Project No.: 40150342

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: 55929.005 WRR

Pace Project No.: 40150342

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40150342001	W-1	Water	05/18/17 10:00	05/20/17 09:45
40150342002	W-1A	Water	05/18/17 09:45	05/20/17 09:45
40150342003	W-1D	Water	05/18/17 08:55	05/20/17 09:45
40150342004	W-2	Water	05/18/17 11:10	05/20/17 09:45
40150342005	W-2A	Water	05/18/17 11:40	05/20/17 09:45
40150342006	W-2B	Water	05/18/17 11:15	05/20/17 09:45
40150342007	W-5	Water	05/18/17 15:00	05/20/17 09:45
40150342008	W-7A	Water	05/18/17 08:30	05/20/17 09:45
40150342009	W-7A DUP	Water	05/18/17 08:30	05/20/17 09:45
40150342010	W-17	Water	05/18/17 07:30	05/20/17 09:45
40150342011	W-31A	Water	05/18/17 13:25	05/20/17 09:45
40150342012	W-31B	Water	05/18/17 13:40	05/20/17 09:45
40150342013	W-31B DUP	Water	05/18/17 14:00	05/20/17 09:45
40150342014	W-32	Water	05/18/17 13:00	05/20/17 09:45
40150342015	W-33	Water	05/18/17 10:40	05/20/17 09:45
40150342016	W-33 DUP	Water	05/18/17 10:50	05/20/17 09:45
40150342017	TW-1	Water	05/18/17 15:10	05/20/17 09:45
40150342018	TRIP BLANK	Water	05/18/17 00:00	05/20/17 09:45
40150342021	W-6	Water	05/17/17 15:45	05/20/17 09:45

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 55929.005 WRR

Pace Project No.: 40150342

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40150342001	W-1	EPA 8260	HNW	69
40150342002	W-1A	EPA 8260	HNW	69
40150342003	W-1D	EPA 8260	HNW	69
40150342004	W-2	EPA 8260	HNW	69
40150342005	W-2A	EPA 8260	HNW	69
40150342006	W-2B	EPA 8260	HNW	69
40150342007	W-5	EPA 8260	HNW	69
40150342008	W-7A	EPA 8260	HNW	69
40150342009	W-7A DUP	EPA 8260	HNW	69
40150342010	W-17	EPA 8260	HNW	69
40150342011	W-31A	EPA 8260	HNW	69
40150342012	W-31B	EPA 8260	HNW	69
40150342013	W-31B DUP	EPA 8260	HNW	69
40150342014	W-32	EPA 6010	DLB	2
		EPA 8260	HNW	69
		EPA 300.0	HMB	1
		EPA 310.2	DAW	1
		EPA 353.2	DAW	1
		SM 5310C	TJJ	1
40150342015	W-33	EPA 6010	DLB	2
		EPA 8260	HNW	69
		EPA 300.0	HMB	1
		EPA 310.2	DAW	1
		EPA 353.2	DAW	1
		SM 5310C	TJJ	1
40150342016	W-33 DUP	EPA 8260	HNW	69
40150342017	TW-1	EPA 8260	HNW	69
40150342018	TRIP BLANK	EPA 8260	HNW	69
40150342021	W-6	EPA 8260	LAP	69

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 55929.005 WRR

Pace Project No.: 40150342

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40150342001	W-1					
EPA 8260	1,1-Dichloroethane	0.50J	ug/L	1.0	05/30/17 12:28	
EPA 8260	Ethylbenzene	0.71J	ug/L	1.0	05/30/17 12:28	
EPA 8260	Methyl-tert-butyl ether	0.32J	ug/L	1.0	05/30/17 12:28	
EPA 8260	Trichloroethene	6.2	ug/L	1.0	05/30/17 12:28	
EPA 8260	cis-1,2-Dichloroethene	1.6	ug/L	1.0	05/30/17 12:28	
EPA 8260	trans-1,2-Dichloroethene	0.44J	ug/L	1.0	05/30/17 12:28	
40150342002	W-1A					
EPA 8260	1,1-Dichloroethane	1.6	ug/L	1.0	05/31/17 03:35	
EPA 8260	Acetone	8.7J	ug/L	20.0	05/31/17 03:35	
EPA 8260	Dichlorodifluoromethane	1.8	ug/L	1.0	05/31/17 03:35	
EPA 8260	Ethylbenzene	2.2	ug/L	1.0	05/31/17 03:35	
EPA 8260	Isopropylbenzene (Cumene)	0.25J	ug/L	1.0	05/31/17 03:35	
EPA 8260	Methyl-tert-butyl ether	0.21J	ug/L	1.0	05/31/17 03:35	
EPA 8260	Methylene Chloride	0.34J	ug/L	1.0	05/31/17 03:35	
EPA 8260	Toluene	2.1	ug/L	1.0	05/31/17 03:35	
EPA 8260	Vinyl chloride	48.2	ug/L	1.0	05/31/17 03:35	
EPA 8260	Xylene (Total)	55.6	ug/L	3.0	05/31/17 03:35	
EPA 8260	cis-1,2-Dichloroethene	28.2	ug/L	1.0	05/31/17 03:35	
EPA 8260	m&p-Xylene	49.7	ug/L	2.0	05/31/17 03:35	
EPA 8260	o-Xylene	5.9	ug/L	1.0	05/31/17 03:35	
EPA 8260	trans-1,2-Dichloroethene	0.30J	ug/L	1.0	05/31/17 03:35	
40150342003	W-1D					
EPA 8260	1,1-Dichloroethane	5.4	ug/L	1.0	05/31/17 03:58	
EPA 8260	1,2-Dichloroethane	0.20J	ug/L	1.0	05/31/17 03:58	
EPA 8260	Dichlorodifluoromethane	2.4	ug/L	1.0	05/31/17 03:58	
EPA 8260	Ethylbenzene	6.1	ug/L	1.0	05/31/17 03:58	
EPA 8260	Methylene Chloride	0.56J	ug/L	1.0	05/31/17 03:58	
EPA 8260	Toluene	1.4	ug/L	1.0	05/31/17 03:58	
EPA 8260	Vinyl chloride	4.5	ug/L	1.0	05/31/17 03:58	
EPA 8260	Xylene (Total)	5.1	ug/L	3.0	05/31/17 03:58	
EPA 8260	cis-1,2-Dichloroethene	5.5	ug/L	1.0	05/31/17 03:58	
EPA 8260	m&p-Xylene	4.1	ug/L	2.0	05/31/17 03:58	
EPA 8260	o-Xylene	1.0	ug/L	1.0	05/31/17 03:58	
EPA 8260	trans-1,2-Dichloroethene	0.50J	ug/L	1.0	05/31/17 03:58	
40150342004	W-2					
EPA 8260	1,1,1-Trichloroethane	5.5	ug/L	1.0	05/30/17 13:13	
EPA 8260	Tetrachloroethene	12.3	ug/L	1.0	05/30/17 13:13	
EPA 8260	Trichloroethene	0.80J	ug/L	1.0	05/30/17 13:13	
40150342005	W-2A					
EPA 8260	1,1,1-Trichloroethane	4.4	ug/L	1.0	05/30/17 13:36	
EPA 8260	1,1-Dichloroethane	1.3	ug/L	1.0	05/30/17 13:36	
EPA 8260	Tetrachloroethene	0.94J	ug/L	1.0	05/30/17 13:36	
EPA 8260	Trichloroethene	0.54J	ug/L	1.0	05/30/17 13:36	
EPA 8260	cis-1,2-Dichloroethene	5.6	ug/L	1.0	05/30/17 13:36	
EPA 8260	trans-1,2-Dichloroethene	0.50J	ug/L	1.0	05/30/17 13:36	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 55929.005 WRR

Pace Project No.: 40150342

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40150342006	W-2B					
EPA 8260	1,1,1-Trichloroethane	26.6	ug/L	1.0	05/30/17 13:58	
EPA 8260	1,1-Dichloroethane	8.2	ug/L	1.0	05/30/17 13:58	
EPA 8260	Chloroethane	0.39J	ug/L	1.0	05/30/17 13:58	
EPA 8260	Tetrachloroethene	3.5	ug/L	1.0	05/30/17 13:58	
EPA 8260	Trichloroethene	2.6	ug/L	1.0	05/30/17 13:58	
EPA 8260	Vinyl chloride	0.18J	ug/L	1.0	05/30/17 13:58	
EPA 8260	cis-1,2-Dichloroethene	36.4	ug/L	1.0	05/30/17 13:58	
EPA 8260	trans-1,2-Dichloroethene	1.3	ug/L	1.0	05/30/17 13:58	
40150342008	W-7A					
EPA 8260	Methyl-tert-butyl ether	5.8	ug/L	1.0	05/30/17 12:51	
EPA 8260	Tetrachloroethene	22.9	ug/L	1.0	05/30/17 12:51	
EPA 8260	Toluene	0.56J	ug/L	1.0	05/30/17 12:51	
40150342009	W-7A DUP					
EPA 8260	Methyl-tert-butyl ether	5.4	ug/L	1.0	05/30/17 14:43	
EPA 8260	Tetrachloroethene	20.9	ug/L	1.0	05/30/17 14:43	
EPA 8260	Toluene	0.65J	ug/L	1.0	05/30/17 14:43	
40150342011	W-31A					
EPA 8260	1,2-Dichloroethane	340J	ug/L	1000	05/31/17 03:13	
EPA 8260	2-Butanone (MEK)	44600	ug/L	20000	05/31/17 03:13	
EPA 8260	2-Propanol	210000J	ug/L	250000	05/31/17 03:13	
EPA 8260	4-Methyl-2-pentanone (MIBK)	16900	ug/L	5000	05/31/17 03:13	
EPA 8260	Acetone	170000	ug/L	20000	05/31/17 03:13	
EPA 8260	Chloroethane	2320	ug/L	1000	05/31/17 03:13	
EPA 8260	Ethylbenzene	1680	ug/L	1000	05/31/17 03:13	
EPA 8260	Methylene Chloride	537J	ug/L	1000	05/31/17 03:13	
EPA 8260	Toluene	37400	ug/L	1000	05/31/17 03:13	
EPA 8260	Xylene (Total)	6180	ug/L	3000	05/31/17 03:13	
EPA 8260	m&p-Xylene	4700	ug/L	2000	05/31/17 03:13	
EPA 8260	o-Xylene	1480	ug/L	1000	05/31/17 03:13	
40150342012	W-31B					
EPA 8260	1,1,1-Trichloroethane	10.1	ug/L	4.0	05/30/17 09:06	
EPA 8260	1,1-Dichloroethane	1.9J	ug/L	4.0	05/30/17 09:06	
EPA 8260	1,2-Dichloroethane	1.4J	ug/L	4.0	05/30/17 09:06	
EPA 8260	2-Butanone (MEK)	20.2J	ug/L	80.0	05/30/17 09:06	
EPA 8260	4-Methyl-2-pentanone (MIBK)	21.5	ug/L	20.0	05/30/17 09:06	
EPA 8260	Acetone	40.7J	ug/L	80.0	05/30/17 09:06	
EPA 8260	Chloroethane	7.4	ug/L	4.0	05/30/17 09:06	
EPA 8260	Ethylbenzene	23.5	ug/L	4.0	05/30/17 09:06	
EPA 8260	Methylene Chloride	1.8J	ug/L	4.0	05/30/17 09:06	
EPA 8260	Tetrachloroethene	17.0	ug/L	4.0	05/30/17 09:06	
EPA 8260	Toluene	560	ug/L	4.0	05/30/17 09:06	
EPA 8260	Trichloroethene	16.5	ug/L	4.0	05/30/17 09:06	
EPA 8260	Xylene (Total)	43.0	ug/L	12.0	05/30/17 09:06	
EPA 8260	cis-1,2-Dichloroethene	3.4J	ug/L	4.0	05/30/17 09:06	
EPA 8260	m&p-Xylene	28.5	ug/L	8.0	05/30/17 09:06	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 55929.005 WRR

Pace Project No.: 40150342

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40150342012	W-31B					
EPA 8260	o-Xylene	14.4	ug/L	4.0	05/30/17 09:06	
40150342013	W-31B DUP					
EPA 8260	1,1,1-Trichloroethane	1.0	ug/L	1.0	05/31/17 04:43	
EPA 8260	1,1-Dichloroethane	0.64J	ug/L	1.0	05/31/17 04:43	
EPA 8260	1,2-Dichloroethane	0.30J	ug/L	1.0	05/31/17 04:43	
EPA 8260	4-Methyl-2-pentanone (MIBK)	3.9J	ug/L	5.0	05/31/17 04:43	
EPA 8260	Acetone	8.2J	ug/L	20.0	05/31/17 04:43	
EPA 8260	Chloroethane	1.2	ug/L	1.0	05/31/17 04:43	
EPA 8260	Ethylbenzene	3.3	ug/L	1.0	05/31/17 04:43	
EPA 8260	Methylene Chloride	0.40J	ug/L	1.0	05/31/17 04:43	
EPA 8260	Tetrachloroethene	2.3	ug/L	1.0	05/31/17 04:43	
EPA 8260	Toluene	75.5	ug/L	1.0	05/31/17 04:43	
EPA 8260	Trichloroethene	1.4	ug/L	1.0	05/31/17 04:43	
EPA 8260	Xylene (Total)	11.5	ug/L	3.0	05/31/17 04:43	
EPA 8260	cis-1,2-Dichloroethene	0.50J	ug/L	1.0	05/31/17 04:43	
EPA 8260	m&p-Xylene	8.5	ug/L	2.0	05/31/17 04:43	
EPA 8260	o-Xylene	3.0	ug/L	1.0	05/31/17 04:43	
40150342014	W-32					
EPA 6010	Iron, Dissolved	54.8J	ug/L	100	05/23/17 15:23	
EPA 6010	Manganese, Dissolved	363	ug/L	5.5	05/23/17 15:23	
EPA 8260	1,1,1-Trichloroethane	7780	ug/L	100	05/30/17 10:58	
EPA 8260	1,1,2-Trichloroethane	21.1J	ug/L	100	05/30/17 10:58	
EPA 8260	1,1-Dichloroethane	127	ug/L	100	05/30/17 10:58	
EPA 8260	1,1-Dichloroethene	359	ug/L	100	05/30/17 10:58	
EPA 8260	Tetrachloroethene	4380	ug/L	100	05/30/17 10:58	
EPA 8260	Trichloroethene	6480	ug/L	100	05/30/17 10:58	
EPA 8260	cis-1,2-Dichloroethene	366	ug/L	100	05/30/17 10:58	
EPA 300.0	Sulfate	66.2	mg/L	15.0	06/02/17 18:36	
EPA 310.2	Alkalinity, Total as CaCO3	92.1	mg/L	23.5	05/24/17 11:29	
EPA 353.2	Nitrogen, NO2 plus NO3	1.6	mg/L	0.25	06/01/17 06:32	
SM 5310C	Total Organic Carbon	9.1	mg/L	8.4	05/30/17 11:17	
40150342015	W-33					
EPA 6010	Iron, Dissolved	24500	ug/L	100	05/23/17 15:26	
EPA 6010	Manganese, Dissolved	1180	ug/L	5.5	05/23/17 15:26	
EPA 8260	1,1,1-Trichloroethane	4330	ug/L	125	05/30/17 12:06	
EPA 8260	1,1,2-Trichloroethane	34.8J	ug/L	125	05/30/17 12:06	
EPA 8260	1,1-Dichloroethane	3110	ug/L	125	05/30/17 12:06	
EPA 8260	1,1-Dichloroethene	78.2J	ug/L	125	05/30/17 12:06	
EPA 8260	1,2-Dichloroethane	21.3J	ug/L	125	05/30/17 12:06	
EPA 8260	Chloroethane	180	ug/L	125	05/30/17 12:06	
EPA 8260	Methylene Chloride	52.9J	ug/L	125	05/30/17 12:06	
EPA 8260	Tetrachloroethene	214	ug/L	125	05/30/17 12:06	
EPA 8260	Trichloroethene	215	ug/L	125	05/30/17 12:06	
EPA 8260	Vinyl chloride	88.9J	ug/L	125	05/30/17 12:06	
EPA 8260	cis-1,2-Dichloroethene	8800	ug/L	125	05/30/17 12:06	
EPA 8260	trans-1,2-Dichloroethene	39.6J	ug/L	125	05/30/17 12:06	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 55929.005 WRR

Pace Project No.: 40150342

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40150342015	W-33					
EPA 300.0	Sulfate	25.8	mg/L	15.0	06/02/17 18:47	
EPA 310.2	Alkalinity, Total as CaCO3	266	mg/L	23.5	05/24/17 11:31	
SM 5310C	Total Organic Carbon	15.1	mg/L	8.4	05/31/17 12:36	
40150342016	W-33 DUP					
EPA 8260	1,1,1-Trichloroethane	4910	ug/L	125	05/30/17 09:29	
EPA 8260	1,1,2-Trichloroethane	29.1J	ug/L	125	05/30/17 09:29	
EPA 8260	1,1-Dichloroethane	3310	ug/L	125	05/30/17 09:29	
EPA 8260	1,1-Dichloroethene	95.9J	ug/L	125	05/30/17 09:29	
EPA 8260	Chloroethane	212	ug/L	125	05/30/17 09:29	
EPA 8260	Methylene Chloride	60.7J	ug/L	125	05/30/17 09:29	
EPA 8260	Tetrachloroethene	210	ug/L	125	05/30/17 09:29	
EPA 8260	Trichloroethene	199	ug/L	125	05/30/17 09:29	
EPA 8260	Vinyl chloride	96.2J	ug/L	125	05/30/17 09:29	
EPA 8260	cis-1,2-Dichloroethene	9650	ug/L	125	05/30/17 09:29	
EPA 8260	trans-1,2-Dichloroethene	43.2J	ug/L	125	05/30/17 09:29	
40150342017	TW-1					
EPA 8260	1,1,1-Trichloroethane	32.1	ug/L	10.0	05/30/17 11:21	
EPA 8260	1,1-Dichloroethane	208	ug/L	10.0	05/30/17 11:21	
EPA 8260	1,2,4-Trimethylbenzene	630	ug/L	10.0	05/30/17 11:21	
EPA 8260	1,2-Dichlorobenzene	23.9	ug/L	10.0	05/30/17 11:21	
EPA 8260	1,2-Dichloroethane	2.7J	ug/L	10.0	05/30/17 11:21	
EPA 8260	1,3,5-Trimethylbenzene	195	ug/L	10.0	05/30/17 11:21	
EPA 8260	Chloroethane	109	ug/L	10.0	05/30/17 11:21	
EPA 8260	Dichlorodifluoromethane	19.2	ug/L	10.0	05/30/17 11:21	
EPA 8260	Ethylbenzene	917	ug/L	10.0	05/30/17 11:21	
EPA 8260	Isopropylbenzene (Cumene)	64.2	ug/L	10.0	05/30/17 11:21	
EPA 8260	Methyl-tert-butyl ether	3.2J	ug/L	10.0	05/30/17 11:21	
EPA 8260	Methylene Chloride	54.9	ug/L	10.0	05/30/17 11:21	
EPA 8260	Naphthalene	68.5	ug/L	50.0	05/30/17 11:21	
EPA 8260	Tetrachloroethene	5.1J	ug/L	10.0	05/30/17 11:21	
EPA 8260	Toluene	69.4	ug/L	10.0	05/30/17 11:21	
EPA 8260	Trichloroethene	7.2J	ug/L	10.0	05/30/17 11:21	
EPA 8260	Vinyl chloride	34.9	ug/L	10.0	05/30/17 11:21	
EPA 8260	Xylene (Total)	3470	ug/L	30.0	05/30/17 11:21	
EPA 8260	cis-1,2-Dichloroethene	164	ug/L	10.0	05/30/17 11:21	
EPA 8260	m&p-Xylene	3200	ug/L	20.0	05/30/17 11:21	
EPA 8260	n-Propylbenzene	130	ug/L	10.0	05/30/17 11:21	
EPA 8260	o-Xylene	273	ug/L	10.0	05/30/17 11:21	
EPA 8260	p-Isopropyltoluene	5.4J	ug/L	10.0	05/30/17 11:21	
EPA 8260	trans-1,2-Dichloroethene	3.0J	ug/L	10.0	05/30/17 11:21	
40150342021	W-6					
EPA 8260	1,1,1-Trichloroethane	27.7	ug/L	20.0	05/24/17 13:34	
EPA 8260	1,1-Dichloroethane	538	ug/L	20.0	05/24/17 13:34	
EPA 8260	1,2,4-Trimethylbenzene	49.0	ug/L	20.0	05/24/17 13:34	
EPA 8260	1,2-Dichlorobenzene	26.3	ug/L	20.0	05/24/17 13:34	
EPA 8260	Chloroethane	106	ug/L	20.0	05/24/17 13:34	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 55929.005 WRR

Pace Project No.: 40150342

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40150342021	W-6					
EPA 8260	Ethylbenzene	279	ug/L	20.0	05/24/17 13:34	
EPA 8260	Isopropylbenzene (Cumene)	10.8J	ug/L	20.0	05/24/17 13:34	
EPA 8260	Toluene	24.9	ug/L	20.0	05/24/17 13:34	
EPA 8260	Vinyl chloride	509	ug/L	20.0	05/24/17 13:34	
EPA 8260	Xylene (Total)	34.1J	ug/L	60.0	05/24/17 13:34	
EPA 8260	cis-1,2-Dichloroethene	1500	ug/L	20.0	05/24/17 13:34	
EPA 8260	n-Propylbenzene	10.8J	ug/L	20.0	05/24/17 13:34	
EPA 8260	o-Xylene	20.1	ug/L	20.0	05/24/17 13:34	
EPA 8260	trans-1,2-Dichloroethene	18.4J	ug/L	20.0	05/24/17 13:34	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-1 **Lab ID: 40150342001** Collected: 05/18/17 10:00 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/30/17 12:28	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/30/17 12:28	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/30/17 12:28	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/30/17 12:28	79-00-5	
1,1-Dichloroethane	0.50J	ug/L	1.0	0.24	1		05/30/17 12:28	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/30/17 12:28	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/30/17 12:28	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/30/17 12:28	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/30/17 12:28	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/30/17 12:28	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:28	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/30/17 12:28	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/30/17 12:28	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:28	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/30/17 12:28	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/30/17 12:28	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:28	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:28	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/30/17 12:28	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:28	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/30/17 12:28	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/30/17 12:28	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:28	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/30/17 12:28	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/30/17 12:28	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/30/17 12:28	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/30/17 12:28	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:28	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/30/17 12:28	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/30/17 12:28	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/30/17 12:28	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/30/17 12:28	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/30/17 12:28	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/30/17 12:28	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:28	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/30/17 12:28	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/30/17 12:28	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/30/17 12:28	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/30/17 12:28	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/30/17 12:28	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/30/17 12:28	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/30/17 12:28	108-20-3	
Ethylbenzene	0.71J	ug/L	1.0	0.50	1		05/30/17 12:28	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/30/17 12:28	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/30/17 12:28	98-82-8	
Methyl-tert-butyl ether	0.32J	ug/L	1.0	0.17	1		05/30/17 12:28	1634-04-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-1 **Lab ID: 40150342001** Collected: 05/18/17 10:00 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/30/17 12:28	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/30/17 12:28	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:28	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:28	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:28	108-88-3	
Trichloroethene	6.2	ug/L	1.0	0.33	1		05/30/17 12:28	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/30/17 12:28	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/30/17 12:28	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/30/17 12:28	1330-20-7	
cis-1,2-Dichloroethene	1.6	ug/L	1.0	0.26	1		05/30/17 12:28	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:28	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/30/17 12:28	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:28	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:28	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:28	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:28	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/30/17 12:28	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/30/17 12:28	98-06-6	
trans-1,2-Dichloroethene	0.44J	ug/L	1.0	0.26	1		05/30/17 12:28	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/30/17 12:28	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107	%	67-124		1		05/30/17 12:28	1868-53-7	
Toluene-d8 (S)	99	%	80-120		1		05/30/17 12:28	2037-26-5	
4-Bromofluorobenzene (S)	100	%	61-118		1		05/30/17 12:28	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-1A **Lab ID: 40150342002** Collected: 05/18/17 09:45 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/31/17 03:35	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/31/17 03:35	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/31/17 03:35	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/31/17 03:35	79-00-5	
1,1-Dichloroethane	1.6	ug/L	1.0	0.24	1		05/31/17 03:35	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/31/17 03:35	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/31/17 03:35	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/31/17 03:35	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/31/17 03:35	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/31/17 03:35	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:35	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/31/17 03:35	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/31/17 03:35	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:35	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/31/17 03:35	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/31/17 03:35	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:35	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:35	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/31/17 03:35	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:35	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/31/17 03:35	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/31/17 03:35	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:35	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/31/17 03:35	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/31/17 03:35	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/31/17 03:35	108-10-1	
Acetone	8.7J	ug/L	20.0	3.0	1		05/31/17 03:35	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:35	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/31/17 03:35	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/31/17 03:35	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/31/17 03:35	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/31/17 03:35	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/31/17 03:35	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/31/17 03:35	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:35	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/31/17 03:35	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/31/17 03:35	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/31/17 03:35	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/31/17 03:35	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/31/17 03:35	74-95-3	
Dichlorodifluoromethane	1.8	ug/L	1.0	0.22	1		05/31/17 03:35	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/31/17 03:35	108-20-3	
Ethylbenzene	2.2	ug/L	1.0	0.50	1		05/31/17 03:35	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/31/17 03:35	87-68-3	
Isopropylbenzene (Cumene)	0.25J	ug/L	1.0	0.14	1		05/31/17 03:35	98-82-8	
Methyl-tert-butyl ether	0.21J	ug/L	1.0	0.17	1		05/31/17 03:35	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-1A **Lab ID: 40150342002** Collected: 05/18/17 09:45 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	0.34J	ug/L	1.0	0.23	1		05/31/17 03:35	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/31/17 03:35	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:35	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:35	127-18-4	
Toluene	2.1	ug/L	1.0	0.50	1		05/31/17 03:35	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/31/17 03:35	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/31/17 03:35	75-69-4	
Vinyl chloride	48.2	ug/L	1.0	0.18	1		05/31/17 03:35	75-01-4	
Xylene (Total)	55.6	ug/L	3.0	1.5	1		05/31/17 03:35	1330-20-7	
cis-1,2-Dichloroethene	28.2	ug/L	1.0	0.26	1		05/31/17 03:35	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:35	10061-01-5	
m&p-Xylene	49.7	ug/L	2.0	1.0	1		05/31/17 03:35	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:35	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:35	103-65-1	
o-Xylene	5.9	ug/L	1.0	0.50	1		05/31/17 03:35	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:35	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/31/17 03:35	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/31/17 03:35	98-06-6	
trans-1,2-Dichloroethene	0.30J	ug/L	1.0	0.26	1		05/31/17 03:35	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/31/17 03:35	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	112	%	67-124		1		05/31/17 03:35	1868-53-7	
Toluene-d8 (S)	100	%	80-120		1		05/31/17 03:35	2037-26-5	
4-Bromofluorobenzene (S)	99	%	61-118		1		05/31/17 03:35	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-1D **Lab ID: 40150342003** Collected: 05/18/17 08:55 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/31/17 03:58	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/31/17 03:58	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/31/17 03:58	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/31/17 03:58	79-00-5	
1,1-Dichloroethane	5.4	ug/L	1.0	0.24	1		05/31/17 03:58	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/31/17 03:58	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/31/17 03:58	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/31/17 03:58	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/31/17 03:58	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/31/17 03:58	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:58	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/31/17 03:58	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/31/17 03:58	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:58	95-50-1	
1,2-Dichloroethane	0.20J	ug/L	1.0	0.17	1		05/31/17 03:58	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/31/17 03:58	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:58	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:58	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/31/17 03:58	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:58	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/31/17 03:58	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/31/17 03:58	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:58	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/31/17 03:58	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/31/17 03:58	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/31/17 03:58	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/31/17 03:58	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:58	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/31/17 03:58	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/31/17 03:58	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/31/17 03:58	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/31/17 03:58	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/31/17 03:58	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/31/17 03:58	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:58	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/31/17 03:58	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/31/17 03:58	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/31/17 03:58	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/31/17 03:58	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/31/17 03:58	74-95-3	
Dichlorodifluoromethane	2.4	ug/L	1.0	0.22	1		05/31/17 03:58	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/31/17 03:58	108-20-3	
Ethylbenzene	6.1	ug/L	1.0	0.50	1		05/31/17 03:58	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/31/17 03:58	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/31/17 03:58	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/31/17 03:58	1634-04-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-1D **Lab ID: 40150342003** Collected: 05/18/17 08:55 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Methylene Chloride	0.56J	ug/L	1.0	0.23	1		05/31/17 03:58	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/31/17 03:58	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:58	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:58	127-18-4	
Toluene	1.4	ug/L	1.0	0.50	1		05/31/17 03:58	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/31/17 03:58	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/31/17 03:58	75-69-4	
Vinyl chloride	4.5	ug/L	1.0	0.18	1		05/31/17 03:58	75-01-4	
Xylene (Total)	5.1	ug/L	3.0	1.5	1		05/31/17 03:58	1330-20-7	
cis-1,2-Dichloroethene	5.5	ug/L	1.0	0.26	1		05/31/17 03:58	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:58	10061-01-5	
m&p-Xylene	4.1	ug/L	2.0	1.0	1		05/31/17 03:58	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:58	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:58	103-65-1	
o-Xylene	1.0	ug/L	1.0	0.50	1		05/31/17 03:58	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/31/17 03:58	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/31/17 03:58	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/31/17 03:58	98-06-6	
trans-1,2-Dichloroethene	0.50J	ug/L	1.0	0.26	1		05/31/17 03:58	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/31/17 03:58	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	110	%	67-124		1		05/31/17 03:58	1868-53-7	
Toluene-d8 (S)	100	%	80-120		1		05/31/17 03:58	2037-26-5	
4-Bromofluorobenzene (S)	101	%	61-118		1		05/31/17 03:58	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-2 **Lab ID: 40150342004** Collected: 05/18/17 11:10 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/30/17 13:13	630-20-6	
1,1,1-Trichloroethane	5.5	ug/L	1.0	0.50	1		05/30/17 13:13	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/30/17 13:13	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/30/17 13:13	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/30/17 13:13	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/30/17 13:13	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/30/17 13:13	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/30/17 13:13	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/30/17 13:13	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/30/17 13:13	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:13	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/30/17 13:13	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/30/17 13:13	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:13	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/30/17 13:13	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/30/17 13:13	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:13	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:13	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/30/17 13:13	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:13	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/30/17 13:13	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/30/17 13:13	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:13	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/30/17 13:13	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/30/17 13:13	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/30/17 13:13	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/30/17 13:13	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:13	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/30/17 13:13	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/30/17 13:13	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/30/17 13:13	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/30/17 13:13	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/30/17 13:13	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/30/17 13:13	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:13	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/30/17 13:13	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/30/17 13:13	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/30/17 13:13	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/30/17 13:13	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/30/17 13:13	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/30/17 13:13	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/30/17 13:13	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:13	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/30/17 13:13	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/30/17 13:13	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/30/17 13:13	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-2 **Lab ID: 40150342004** Collected: 05/18/17 11:10 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/30/17 13:13	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/30/17 13:13	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:13	100-42-5	
Tetrachloroethene	12.3	ug/L	1.0	0.50	1		05/30/17 13:13	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:13	108-88-3	
Trichloroethene	0.80J	ug/L	1.0	0.33	1		05/30/17 13:13	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/30/17 13:13	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/30/17 13:13	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/30/17 13:13	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/30/17 13:13	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:13	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/30/17 13:13	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:13	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:13	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:13	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:13	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/30/17 13:13	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/30/17 13:13	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/30/17 13:13	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/30/17 13:13	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107	%	67-124		1		05/30/17 13:13	1868-53-7	
Toluene-d8 (S)	100	%	80-120		1		05/30/17 13:13	2037-26-5	
4-Bromofluorobenzene (S)	101	%	61-118		1		05/30/17 13:13	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-2A **Lab ID: 40150342005** Collected: 05/18/17 11:40 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/30/17 13:36	630-20-6	
1,1,1-Trichloroethane	4.4	ug/L	1.0	0.50	1		05/30/17 13:36	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/30/17 13:36	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/30/17 13:36	79-00-5	
1,1-Dichloroethane	1.3	ug/L	1.0	0.24	1		05/30/17 13:36	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/30/17 13:36	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/30/17 13:36	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/30/17 13:36	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/30/17 13:36	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/30/17 13:36	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:36	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/30/17 13:36	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/30/17 13:36	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:36	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/30/17 13:36	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/30/17 13:36	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:36	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:36	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/30/17 13:36	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:36	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/30/17 13:36	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/30/17 13:36	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:36	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/30/17 13:36	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/30/17 13:36	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/30/17 13:36	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/30/17 13:36	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:36	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/30/17 13:36	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/30/17 13:36	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/30/17 13:36	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/30/17 13:36	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/30/17 13:36	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/30/17 13:36	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:36	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/30/17 13:36	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/30/17 13:36	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/30/17 13:36	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/30/17 13:36	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/30/17 13:36	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/30/17 13:36	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/30/17 13:36	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:36	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/30/17 13:36	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/30/17 13:36	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/30/17 13:36	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-2A **Lab ID: 40150342005** Collected: 05/18/17 11:40 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/30/17 13:36	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/30/17 13:36	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:36	100-42-5	
Tetrachloroethene	0.94J	ug/L	1.0	0.50	1		05/30/17 13:36	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:36	108-88-3	
Trichloroethene	0.54J	ug/L	1.0	0.33	1		05/30/17 13:36	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/30/17 13:36	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/30/17 13:36	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/30/17 13:36	1330-20-7	
cis-1,2-Dichloroethene	5.6	ug/L	1.0	0.26	1		05/30/17 13:36	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:36	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/30/17 13:36	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:36	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:36	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:36	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:36	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/30/17 13:36	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/30/17 13:36	98-06-6	
trans-1,2-Dichloroethene	0.50J	ug/L	1.0	0.26	1		05/30/17 13:36	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/30/17 13:36	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	108	%	67-124		1		05/30/17 13:36	1868-53-7	
Toluene-d8 (S)	100	%	80-120		1		05/30/17 13:36	2037-26-5	
4-Bromofluorobenzene (S)	100	%	61-118		1		05/30/17 13:36	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-2B **Lab ID: 40150342006** Collected: 05/18/17 11:15 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/30/17 13:58	630-20-6	
1,1,1-Trichloroethane	26.6	ug/L	1.0	0.50	1		05/30/17 13:58	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/30/17 13:58	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/30/17 13:58	79-00-5	
1,1-Dichloroethane	8.2	ug/L	1.0	0.24	1		05/30/17 13:58	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/30/17 13:58	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/30/17 13:58	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/30/17 13:58	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/30/17 13:58	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/30/17 13:58	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:58	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/30/17 13:58	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/30/17 13:58	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:58	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/30/17 13:58	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/30/17 13:58	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:58	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:58	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/30/17 13:58	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:58	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/30/17 13:58	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/30/17 13:58	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:58	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/30/17 13:58	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/30/17 13:58	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/30/17 13:58	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/30/17 13:58	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:58	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/30/17 13:58	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/30/17 13:58	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/30/17 13:58	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/30/17 13:58	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/30/17 13:58	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/30/17 13:58	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:58	108-90-7	
Chloroethane	0.39J	ug/L	1.0	0.37	1		05/30/17 13:58	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/30/17 13:58	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/30/17 13:58	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/30/17 13:58	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/30/17 13:58	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/30/17 13:58	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/30/17 13:58	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:58	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/30/17 13:58	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/30/17 13:58	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/30/17 13:58	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-2B **Lab ID: 40150342006** Collected: 05/18/17 11:15 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/30/17 13:58	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/30/17 13:58	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:58	100-42-5	
Tetrachloroethene	3.5	ug/L	1.0	0.50	1		05/30/17 13:58	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:58	108-88-3	
Trichloroethene	2.6	ug/L	1.0	0.33	1		05/30/17 13:58	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/30/17 13:58	75-69-4	
Vinyl chloride	0.18J	ug/L	1.0	0.18	1		05/30/17 13:58	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/30/17 13:58	1330-20-7	
cis-1,2-Dichloroethene	36.4	ug/L	1.0	0.26	1		05/30/17 13:58	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:58	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/30/17 13:58	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:58	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:58	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:58	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/30/17 13:58	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/30/17 13:58	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/30/17 13:58	98-06-6	
trans-1,2-Dichloroethene	1.3	ug/L	1.0	0.26	1		05/30/17 13:58	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/30/17 13:58	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	108	%	67-124		1		05/30/17 13:58	1868-53-7	
Toluene-d8 (S)	100	%	80-120		1		05/30/17 13:58	2037-26-5	
4-Bromofluorobenzene (S)	100	%	61-118		1		05/30/17 13:58	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-5 **Lab ID: 40150342007** Collected: 05/18/17 15:00 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/30/17 14:20	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/30/17 14:20	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/30/17 14:20	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/30/17 14:20	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/30/17 14:20	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/30/17 14:20	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/30/17 14:20	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/30/17 14:20	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/30/17 14:20	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/30/17 14:20	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:20	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/30/17 14:20	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/30/17 14:20	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:20	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/30/17 14:20	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/30/17 14:20	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:20	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:20	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/30/17 14:20	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:20	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/30/17 14:20	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/30/17 14:20	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:20	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/30/17 14:20	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/30/17 14:20	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/30/17 14:20	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/30/17 14:20	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:20	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/30/17 14:20	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/30/17 14:20	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/30/17 14:20	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/30/17 14:20	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/30/17 14:20	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/30/17 14:20	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:20	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/30/17 14:20	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/30/17 14:20	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/30/17 14:20	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/30/17 14:20	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/30/17 14:20	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/30/17 14:20	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/30/17 14:20	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:20	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/30/17 14:20	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/30/17 14:20	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/30/17 14:20	1634-04-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-5 **Lab ID: 40150342007** Collected: 05/18/17 15:00 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/30/17 14:20	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/30/17 14:20	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:20	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:20	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:20	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/30/17 14:20	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/30/17 14:20	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/30/17 14:20	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/30/17 14:20	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/30/17 14:20	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:20	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/30/17 14:20	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:20	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:20	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:20	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:20	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/30/17 14:20	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/30/17 14:20	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/30/17 14:20	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/30/17 14:20	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106	%	67-124		1		05/30/17 14:20	1868-53-7	
Toluene-d8 (S)	100	%	80-120		1		05/30/17 14:20	2037-26-5	
4-Bromofluorobenzene (S)	100	%	61-118		1		05/30/17 14:20	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-7A **Lab ID: 40150342008** Collected: 05/18/17 08:30 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/30/17 12:51	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/30/17 12:51	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/30/17 12:51	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/30/17 12:51	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/30/17 12:51	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/30/17 12:51	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/30/17 12:51	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/30/17 12:51	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/30/17 12:51	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/30/17 12:51	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:51	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/30/17 12:51	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/30/17 12:51	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:51	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/30/17 12:51	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/30/17 12:51	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:51	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:51	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/30/17 12:51	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:51	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/30/17 12:51	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/30/17 12:51	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:51	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/30/17 12:51	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/30/17 12:51	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/30/17 12:51	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/30/17 12:51	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:51	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/30/17 12:51	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/30/17 12:51	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/30/17 12:51	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/30/17 12:51	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/30/17 12:51	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/30/17 12:51	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:51	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/30/17 12:51	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/30/17 12:51	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/30/17 12:51	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/30/17 12:51	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/30/17 12:51	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/30/17 12:51	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/30/17 12:51	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:51	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/30/17 12:51	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/30/17 12:51	98-82-8	
Methyl-tert-butyl ether	5.8	ug/L	1.0	0.17	1		05/30/17 12:51	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-7A **Lab ID: 40150342008** Collected: 05/18/17 08:30 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/30/17 12:51	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/30/17 12:51	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:51	100-42-5	
Tetrachloroethene	22.9	ug/L	1.0	0.50	1		05/30/17 12:51	127-18-4	
Toluene	0.56J	ug/L	1.0	0.50	1		05/30/17 12:51	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/30/17 12:51	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/30/17 12:51	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/30/17 12:51	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/30/17 12:51	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/30/17 12:51	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:51	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/30/17 12:51	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:51	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:51	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:51	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/30/17 12:51	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/30/17 12:51	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/30/17 12:51	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/30/17 12:51	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/30/17 12:51	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106	%	67-124		1		05/30/17 12:51	1868-53-7	
Toluene-d8 (S)	99	%	80-120		1		05/30/17 12:51	2037-26-5	
4-Bromofluorobenzene (S)	100	%	61-118		1		05/30/17 12:51	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-7A DUP **Lab ID: 40150342009** Collected: 05/18/17 08:30 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/30/17 14:43	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/30/17 14:43	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/30/17 14:43	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/30/17 14:43	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/30/17 14:43	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/30/17 14:43	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/30/17 14:43	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/30/17 14:43	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/30/17 14:43	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/30/17 14:43	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:43	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/30/17 14:43	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/30/17 14:43	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:43	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/30/17 14:43	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/30/17 14:43	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:43	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:43	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/30/17 14:43	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:43	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/30/17 14:43	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/30/17 14:43	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:43	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/30/17 14:43	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/30/17 14:43	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/30/17 14:43	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/30/17 14:43	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:43	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/30/17 14:43	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/30/17 14:43	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/30/17 14:43	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/30/17 14:43	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/30/17 14:43	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/30/17 14:43	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:43	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/30/17 14:43	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/30/17 14:43	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/30/17 14:43	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/30/17 14:43	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/30/17 14:43	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/30/17 14:43	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/30/17 14:43	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:43	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/30/17 14:43	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/30/17 14:43	98-82-8	
Methyl-tert-butyl ether	5.4	ug/L	1.0	0.17	1		05/30/17 14:43	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-7A DUP **Lab ID: 40150342009** Collected: 05/18/17 08:30 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/30/17 14:43	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/30/17 14:43	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:43	100-42-5	
Tetrachloroethene	20.9	ug/L	1.0	0.50	1		05/30/17 14:43	127-18-4	
Toluene	0.65J	ug/L	1.0	0.50	1		05/30/17 14:43	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/30/17 14:43	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/30/17 14:43	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/30/17 14:43	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/30/17 14:43	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/30/17 14:43	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:43	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/30/17 14:43	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:43	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:43	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:43	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/30/17 14:43	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/30/17 14:43	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/30/17 14:43	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/30/17 14:43	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/30/17 14:43	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	108	%	67-124		1		05/30/17 14:43	1868-53-7	
Toluene-d8 (S)	101	%	80-120		1		05/30/17 14:43	2037-26-5	
4-Bromofluorobenzene (S)	100	%	61-118		1		05/30/17 14:43	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-17 **Lab ID: 40150342010** Collected: 05/18/17 07:30 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/30/17 15:05	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/30/17 15:05	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/30/17 15:05	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/30/17 15:05	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/30/17 15:05	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/30/17 15:05	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/30/17 15:05	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/30/17 15:05	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/30/17 15:05	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/30/17 15:05	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 15:05	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/30/17 15:05	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/30/17 15:05	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 15:05	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/30/17 15:05	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/30/17 15:05	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 15:05	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 15:05	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/30/17 15:05	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 15:05	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/30/17 15:05	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/30/17 15:05	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/30/17 15:05	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/30/17 15:05	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/30/17 15:05	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/30/17 15:05	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/30/17 15:05	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/30/17 15:05	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/30/17 15:05	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/30/17 15:05	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/30/17 15:05	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/30/17 15:05	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/30/17 15:05	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/30/17 15:05	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 15:05	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/30/17 15:05	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/30/17 15:05	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/30/17 15:05	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/30/17 15:05	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/30/17 15:05	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/30/17 15:05	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/30/17 15:05	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 15:05	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/30/17 15:05	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/30/17 15:05	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/30/17 15:05	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-17 **Lab ID: 40150342010** Collected: 05/18/17 07:30 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/30/17 15:05	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/30/17 15:05	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/30/17 15:05	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/30/17 15:05	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/30/17 15:05	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/30/17 15:05	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/30/17 15:05	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/30/17 15:05	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/30/17 15:05	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/30/17 15:05	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/30/17 15:05	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/30/17 15:05	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 15:05	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/30/17 15:05	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/30/17 15:05	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/30/17 15:05	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/30/17 15:05	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/30/17 15:05	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/30/17 15:05	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/30/17 15:05	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107	%	67-124		1		05/30/17 15:05	1868-53-7	
Toluene-d8 (S)	99	%	80-120		1		05/30/17 15:05	2037-26-5	
4-Bromofluorobenzene (S)	100	%	61-118		1		05/30/17 15:05	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-31A **Lab ID: 40150342011** Collected: 05/18/17 13:25 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<181	ug/L	1000	181	1000		05/31/17 03:13	630-20-6	
1,1,1-Trichloroethane	<500	ug/L	1000	500	1000		05/31/17 03:13	71-55-6	
1,1,2,2-Tetrachloroethane	<249	ug/L	1000	249	1000		05/31/17 03:13	79-34-5	
1,1,2-Trichloroethane	<197	ug/L	1000	197	1000		05/31/17 03:13	79-00-5	
1,1-Dichloroethane	<242	ug/L	1000	242	1000		05/31/17 03:13	75-34-3	
1,1-Dichloroethene	<410	ug/L	1000	410	1000		05/31/17 03:13	75-35-4	
1,1-Dichloropropene	<441	ug/L	1000	441	1000		05/31/17 03:13	563-58-6	
1,2,3-Trichlorobenzene	<2130	ug/L	5000	2130	1000		05/31/17 03:13	87-61-6	
1,2,3-Trichloropropane	<500	ug/L	1000	500	1000		05/31/17 03:13	96-18-4	
1,2,4-Trichlorobenzene	<2210	ug/L	5000	2210	1000		05/31/17 03:13	120-82-1	
1,2,4-Trimethylbenzene	<500	ug/L	1000	500	1000		05/31/17 03:13	95-63-6	
1,2-Dibromo-3-chloropropane	<2160	ug/L	5000	2160	1000		05/31/17 03:13	96-12-8	
1,2-Dibromoethane (EDB)	<178	ug/L	1000	178	1000		05/31/17 03:13	106-93-4	
1,2-Dichlorobenzene	<500	ug/L	1000	500	1000		05/31/17 03:13	95-50-1	
1,2-Dichloroethane	340J	ug/L	1000	168	1000		05/31/17 03:13	107-06-2	
1,2-Dichloropropane	<233	ug/L	1000	233	1000		05/31/17 03:13	78-87-5	
1,3,5-Trimethylbenzene	<500	ug/L	1000	500	1000		05/31/17 03:13	108-67-8	
1,3-Dichlorobenzene	<500	ug/L	1000	500	1000		05/31/17 03:13	541-73-1	
1,3-Dichloropropane	<500	ug/L	1000	500	1000		05/31/17 03:13	142-28-9	
1,4-Dichlorobenzene	<500	ug/L	1000	500	1000		05/31/17 03:13	106-46-7	
2,2-Dichloropropane	<484	ug/L	1000	484	1000		05/31/17 03:13	594-20-7	
2-Butanone (MEK)	44600	ug/L	20000	2980	1000		05/31/17 03:13	78-93-3	
2-Chlorotoluene	<500	ug/L	1000	500	1000		05/31/17 03:13	95-49-8	
2-Propanol	210000J	ug/L	250000	24300	1000		05/31/17 03:13	67-63-0	
4-Chlorotoluene	<214	ug/L	1000	214	1000		05/31/17 03:13	106-43-4	
4-Methyl-2-pentanone (MIBK)	16900	ug/L	5000	2140	1000		05/31/17 03:13	108-10-1	
Acetone	170000	ug/L	20000	2950	1000		05/31/17 03:13	67-64-1	
Benzene	<500	ug/L	1000	500	1000		05/31/17 03:13	71-43-2	
Bromobenzene	<230	ug/L	1000	230	1000		05/31/17 03:13	108-86-1	
Bromochloromethane	<340	ug/L	1000	340	1000		05/31/17 03:13	74-97-5	
Bromodichloromethane	<500	ug/L	1000	500	1000		05/31/17 03:13	75-27-4	
Bromoform	<500	ug/L	1000	500	1000		05/31/17 03:13	75-25-2	
Bromomethane	<2430	ug/L	5000	2430	1000		05/31/17 03:13	74-83-9	
Carbon tetrachloride	<500	ug/L	1000	500	1000		05/31/17 03:13	56-23-5	
Chlorobenzene	<500	ug/L	1000	500	1000		05/31/17 03:13	108-90-7	
Chloroethane	2320	ug/L	1000	375	1000		05/31/17 03:13	75-00-3	
Chloroform	<2500	ug/L	5000	2500	1000		05/31/17 03:13	67-66-3	
Chloromethane	<500	ug/L	1000	500	1000		05/31/17 03:13	74-87-3	
Dibromochloromethane	<500	ug/L	1000	500	1000		05/31/17 03:13	124-48-1	
Dibromomethane	<427	ug/L	1000	427	1000		05/31/17 03:13	74-95-3	
Dichlorodifluoromethane	<224	ug/L	1000	224	1000		05/31/17 03:13	75-71-8	
Diisopropyl ether	<500	ug/L	1000	500	1000		05/31/17 03:13	108-20-3	
Ethylbenzene	1680	ug/L	1000	500	1000		05/31/17 03:13	100-41-4	
Hexachloro-1,3-butadiene	<2110	ug/L	5000	2110	1000		05/31/17 03:13	87-68-3	
Isopropylbenzene (Cumene)	<143	ug/L	1000	143	1000		05/31/17 03:13	98-82-8	
Methyl-tert-butyl ether	<174	ug/L	1000	174	1000		05/31/17 03:13	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-31A Lab ID: 40150342011 Collected: 05/18/17 13:25 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Methylene Chloride	537J	ug/L	1000	233	1000		05/31/17 03:13	75-09-2	
Naphthalene	<2500	ug/L	5000	2500	1000		05/31/17 03:13	91-20-3	
Styrene	<500	ug/L	1000	500	1000		05/31/17 03:13	100-42-5	
Tetrachloroethene	<500	ug/L	1000	500	1000		05/31/17 03:13	127-18-4	
Toluene	37400	ug/L	1000	500	1000		05/31/17 03:13	108-88-3	
Trichloroethene	<331	ug/L	1000	331	1000		05/31/17 03:13	79-01-6	
Trichlorofluoromethane	<185	ug/L	1000	185	1000		05/31/17 03:13	75-69-4	
Vinyl chloride	<176	ug/L	1000	176	1000		05/31/17 03:13	75-01-4	
Xylene (Total)	6180	ug/L	3000	1500	1000		05/31/17 03:13	1330-20-7	
cis-1,2-Dichloroethene	<256	ug/L	1000	256	1000		05/31/17 03:13	156-59-2	
cis-1,3-Dichloropropene	<500	ug/L	1000	500	1000		05/31/17 03:13	10061-01-5	
m&p-Xylene	4700	ug/L	2000	1000	1000		05/31/17 03:13	179601-23-1	
n-Butylbenzene	<500	ug/L	1000	500	1000		05/31/17 03:13	104-51-8	
n-Propylbenzene	<500	ug/L	1000	500	1000		05/31/17 03:13	103-65-1	
o-Xylene	1480	ug/L	1000	500	1000		05/31/17 03:13	95-47-6	
p-Isopropyltoluene	<500	ug/L	1000	500	1000		05/31/17 03:13	99-87-6	
sec-Butylbenzene	<2190	ug/L	5000	2190	1000		05/31/17 03:13	135-98-8	
tert-Butylbenzene	<180	ug/L	1000	180	1000		05/31/17 03:13	98-06-6	
trans-1,2-Dichloroethene	<257	ug/L	1000	257	1000		05/31/17 03:13	156-60-5	
trans-1,3-Dichloropropene	<230	ug/L	1000	230	1000		05/31/17 03:13	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	110	%	67-124		1000		05/31/17 03:13	1868-53-7	
Toluene-d8 (S)	101	%	80-120		1000		05/31/17 03:13	2037-26-5	
4-Bromofluorobenzene (S)	101	%	61-118		1000		05/31/17 03:13	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-31B **Lab ID: 40150342012** Collected: 05/18/17 13:40 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.72	ug/L	4.0	0.72	4		05/30/17 09:06	630-20-6	
1,1,1-Trichloroethane	10.1	ug/L	4.0	2.0	4		05/30/17 09:06	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	4.0	1.0	4		05/30/17 09:06	79-34-5	
1,1,2-Trichloroethane	<0.79	ug/L	4.0	0.79	4		05/30/17 09:06	79-00-5	
1,1-Dichloroethane	1.9J	ug/L	4.0	0.97	4		05/30/17 09:06	75-34-3	
1,1-Dichloroethene	<1.6	ug/L	4.0	1.6	4		05/30/17 09:06	75-35-4	
1,1-Dichloropropene	<1.8	ug/L	4.0	1.8	4		05/30/17 09:06	563-58-6	
1,2,3-Trichlorobenzene	<8.5	ug/L	20.0	8.5	4		05/30/17 09:06	87-61-6	
1,2,3-Trichloropropane	<2.0	ug/L	4.0	2.0	4		05/30/17 09:06	96-18-4	
1,2,4-Trichlorobenzene	<8.8	ug/L	20.0	8.8	4		05/30/17 09:06	120-82-1	
1,2,4-Trimethylbenzene	<2.0	ug/L	4.0	2.0	4		05/30/17 09:06	95-63-6	
1,2-Dibromo-3-chloropropane	<8.7	ug/L	20.0	8.7	4		05/30/17 09:06	96-12-8	
1,2-Dibromoethane (EDB)	<0.71	ug/L	4.0	0.71	4		05/30/17 09:06	106-93-4	
1,2-Dichlorobenzene	<2.0	ug/L	4.0	2.0	4		05/30/17 09:06	95-50-1	
1,2-Dichloroethane	1.4J	ug/L	4.0	0.67	4		05/30/17 09:06	107-06-2	
1,2-Dichloropropane	<0.93	ug/L	4.0	0.93	4		05/30/17 09:06	78-87-5	
1,3,5-Trimethylbenzene	<2.0	ug/L	4.0	2.0	4		05/30/17 09:06	108-67-8	
1,3-Dichlorobenzene	<2.0	ug/L	4.0	2.0	4		05/30/17 09:06	541-73-1	
1,3-Dichloropropane	<2.0	ug/L	4.0	2.0	4		05/30/17 09:06	142-28-9	
1,4-Dichlorobenzene	<2.0	ug/L	4.0	2.0	4		05/30/17 09:06	106-46-7	
2,2-Dichloropropane	<1.9	ug/L	4.0	1.9	4		05/30/17 09:06	594-20-7	
2-Butanone (MEK)	20.2J	ug/L	80.0	11.9	4		05/30/17 09:06	78-93-3	
2-Chlorotoluene	<2.0	ug/L	4.0	2.0	4		05/30/17 09:06	95-49-8	
2-Propanol	<97.4	ug/L	1000	97.4	4		05/30/17 09:06	67-63-0	
4-Chlorotoluene	<0.85	ug/L	4.0	0.85	4		05/30/17 09:06	106-43-4	
4-Methyl-2-pentanone (MIBK)	21.5	ug/L	20.0	8.6	4		05/30/17 09:06	108-10-1	
Acetone	40.7J	ug/L	80.0	11.8	4		05/30/17 09:06	67-64-1	
Benzene	<2.0	ug/L	4.0	2.0	4		05/30/17 09:06	71-43-2	
Bromobenzene	<0.92	ug/L	4.0	0.92	4		05/30/17 09:06	108-86-1	
Bromochloromethane	<1.4	ug/L	4.0	1.4	4		05/30/17 09:06	74-97-5	
Bromodichloromethane	<2.0	ug/L	4.0	2.0	4		05/30/17 09:06	75-27-4	
Bromoform	<2.0	ug/L	4.0	2.0	4		05/30/17 09:06	75-25-2	
Bromomethane	<9.7	ug/L	20.0	9.7	4		05/30/17 09:06	74-83-9	
Carbon tetrachloride	<2.0	ug/L	4.0	2.0	4		05/30/17 09:06	56-23-5	
Chlorobenzene	<2.0	ug/L	4.0	2.0	4		05/30/17 09:06	108-90-7	
Chloroethane	7.4	ug/L	4.0	1.5	4		05/30/17 09:06	75-00-3	
Chloroform	<10.0	ug/L	20.0	10.0	4		05/30/17 09:06	67-66-3	
Chloromethane	<2.0	ug/L	4.0	2.0	4		05/30/17 09:06	74-87-3	
Dibromochloromethane	<2.0	ug/L	4.0	2.0	4		05/30/17 09:06	124-48-1	
Dibromomethane	<1.7	ug/L	4.0	1.7	4		05/30/17 09:06	74-95-3	
Dichlorodifluoromethane	<0.90	ug/L	4.0	0.90	4		05/30/17 09:06	75-71-8	
Diisopropyl ether	<2.0	ug/L	4.0	2.0	4		05/30/17 09:06	108-20-3	
Ethylbenzene	23.5	ug/L	4.0	2.0	4		05/30/17 09:06	100-41-4	
Hexachloro-1,3-butadiene	<8.4	ug/L	20.0	8.4	4		05/30/17 09:06	87-68-3	
Isopropylbenzene (Cumene)	<0.57	ug/L	4.0	0.57	4		05/30/17 09:06	98-82-8	
Methyl-tert-butyl ether	<0.70	ug/L	4.0	0.70	4		05/30/17 09:06	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR
Pace Project No.: 40150342

Sample: W-31B **Lab ID: 40150342012** Collected: 05/18/17 13:40 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Methylene Chloride	1.8J	ug/L	4.0	0.93	4		05/30/17 09:06	75-09-2	
Naphthalene	<10.0	ug/L	20.0	10.0	4		05/30/17 09:06	91-20-3	
Styrene	<2.0	ug/L	4.0	2.0	4		05/30/17 09:06	100-42-5	
Tetrachloroethene	17.0	ug/L	4.0	2.0	4		05/30/17 09:06	127-18-4	
Toluene	560	ug/L	4.0	2.0	4		05/30/17 09:06	108-88-3	
Trichloroethene	16.5	ug/L	4.0	1.3	4		05/30/17 09:06	79-01-6	
Trichlorofluoromethane	<0.74	ug/L	4.0	0.74	4		05/30/17 09:06	75-69-4	
Vinyl chloride	<0.70	ug/L	4.0	0.70	4		05/30/17 09:06	75-01-4	
Xylene (Total)	43.0	ug/L	12.0	6.0	4		05/30/17 09:06	1330-20-7	
cis-1,2-Dichloroethene	3.4J	ug/L	4.0	1.0	4		05/30/17 09:06	156-59-2	
cis-1,3-Dichloropropene	<2.0	ug/L	4.0	2.0	4		05/30/17 09:06	10061-01-5	
m&p-Xylene	28.5	ug/L	8.0	4.0	4		05/30/17 09:06	179601-23-1	
n-Butylbenzene	<2.0	ug/L	4.0	2.0	4		05/30/17 09:06	104-51-8	
n-Propylbenzene	<2.0	ug/L	4.0	2.0	4		05/30/17 09:06	103-65-1	
o-Xylene	14.4	ug/L	4.0	2.0	4		05/30/17 09:06	95-47-6	
p-Isopropyltoluene	<2.0	ug/L	4.0	2.0	4		05/30/17 09:06	99-87-6	
sec-Butylbenzene	<8.7	ug/L	20.0	8.7	4		05/30/17 09:06	135-98-8	
tert-Butylbenzene	<0.72	ug/L	4.0	0.72	4		05/30/17 09:06	98-06-6	
trans-1,2-Dichloroethene	<1.0	ug/L	4.0	1.0	4		05/30/17 09:06	156-60-5	
trans-1,3-Dichloropropene	<0.92	ug/L	4.0	0.92	4		05/30/17 09:06	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106	%	67-124		4		05/30/17 09:06	1868-53-7	
Toluene-d8 (S)	99	%	80-120		4		05/30/17 09:06	2037-26-5	
4-Bromofluorobenzene (S)	100	%	61-118		4		05/30/17 09:06	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-31B DUP **Lab ID: 40150342013** Collected: 05/18/17 14:00 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/31/17 04:43	630-20-6	
1,1,1-Trichloroethane	1.0	ug/L	1.0	0.50	1		05/31/17 04:43	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/31/17 04:43	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/31/17 04:43	79-00-5	
1,1-Dichloroethane	0.64J	ug/L	1.0	0.24	1		05/31/17 04:43	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/31/17 04:43	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/31/17 04:43	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/31/17 04:43	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/31/17 04:43	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/31/17 04:43	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:43	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/31/17 04:43	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/31/17 04:43	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:43	95-50-1	
1,2-Dichloroethane	0.30J	ug/L	1.0	0.17	1		05/31/17 04:43	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/31/17 04:43	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:43	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:43	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/31/17 04:43	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:43	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/31/17 04:43	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/31/17 04:43	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:43	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/31/17 04:43	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/31/17 04:43	106-43-4	
4-Methyl-2-pentanone (MIBK)	3.9J	ug/L	5.0	2.1	1		05/31/17 04:43	108-10-1	
Acetone	8.2J	ug/L	20.0	3.0	1		05/31/17 04:43	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:43	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/31/17 04:43	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/31/17 04:43	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/31/17 04:43	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/31/17 04:43	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/31/17 04:43	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/31/17 04:43	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:43	108-90-7	
Chloroethane	1.2	ug/L	1.0	0.37	1		05/31/17 04:43	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/31/17 04:43	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/31/17 04:43	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/31/17 04:43	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/31/17 04:43	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/31/17 04:43	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/31/17 04:43	108-20-3	
Ethylbenzene	3.3	ug/L	1.0	0.50	1		05/31/17 04:43	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/31/17 04:43	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/31/17 04:43	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/31/17 04:43	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-31B DUP **Lab ID: 40150342013** Collected: 05/18/17 14:00 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	0.40J	ug/L	1.0	0.23	1		05/31/17 04:43	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/31/17 04:43	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:43	100-42-5	
Tetrachloroethene	2.3	ug/L	1.0	0.50	1		05/31/17 04:43	127-18-4	
Toluene	75.5	ug/L	1.0	0.50	1		05/31/17 04:43	108-88-3	
Trichloroethene	1.4	ug/L	1.0	0.33	1		05/31/17 04:43	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/31/17 04:43	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/31/17 04:43	75-01-4	
Xylene (Total)	11.5	ug/L	3.0	1.5	1		05/31/17 04:43	1330-20-7	
cis-1,2-Dichloroethene	0.50J	ug/L	1.0	0.26	1		05/31/17 04:43	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:43	10061-01-5	
m&p-Xylene	8.5	ug/L	2.0	1.0	1		05/31/17 04:43	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:43	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:43	103-65-1	
o-Xylene	3.0	ug/L	1.0	0.50	1		05/31/17 04:43	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:43	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/31/17 04:43	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/31/17 04:43	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/31/17 04:43	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/31/17 04:43	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	112	%	67-124		1		05/31/17 04:43	1868-53-7	
Toluene-d8 (S)	100	%	80-120		1		05/31/17 04:43	2037-26-5	
4-Bromofluorobenzene (S)	101	%	61-118		1		05/31/17 04:43	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-32 **Lab ID: 40150342014** Collected: 05/18/17 13:00 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron, Dissolved	54.8J	ug/L	100	34.0	1	05/22/17 16:31	05/23/17 15:23	7439-89-6	
Manganese, Dissolved	363	ug/L	5.5	1.8	1	05/22/17 16:31	05/23/17 15:23	7439-96-5	
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<18.1	ug/L	100	18.1	100		05/30/17 10:58	630-20-6	
1,1,1-Trichloroethane	7780	ug/L	100	50.0	100		05/30/17 10:58	71-55-6	
1,1,2,2-Tetrachloroethane	<24.9	ug/L	100	24.9	100		05/30/17 10:58	79-34-5	
1,1,2-Trichloroethane	21.1J	ug/L	100	19.7	100		05/30/17 10:58	79-00-5	
1,1-Dichloroethane	127	ug/L	100	24.2	100		05/30/17 10:58	75-34-3	
1,1-Dichloroethene	359	ug/L	100	41.0	100		05/30/17 10:58	75-35-4	
1,1-Dichloropropene	<44.1	ug/L	100	44.1	100		05/30/17 10:58	563-58-6	
1,2,3-Trichlorobenzene	<213	ug/L	500	213	100		05/30/17 10:58	87-61-6	
1,2,3-Trichloropropane	<50.0	ug/L	100	50.0	100		05/30/17 10:58	96-18-4	
1,2,4-Trichlorobenzene	<221	ug/L	500	221	100		05/30/17 10:58	120-82-1	
1,2,4-Trimethylbenzene	<50.0	ug/L	100	50.0	100		05/30/17 10:58	95-63-6	
1,2-Dibromo-3-chloropropane	<216	ug/L	500	216	100		05/30/17 10:58	96-12-8	
1,2-Dibromoethane (EDB)	<17.8	ug/L	100	17.8	100		05/30/17 10:58	106-93-4	
1,2-Dichlorobenzene	<50.0	ug/L	100	50.0	100		05/30/17 10:58	95-50-1	
1,2-Dichloroethane	<16.8	ug/L	100	16.8	100		05/30/17 10:58	107-06-2	
1,2-Dichloropropane	<23.3	ug/L	100	23.3	100		05/30/17 10:58	78-87-5	
1,3,5-Trimethylbenzene	<50.0	ug/L	100	50.0	100		05/30/17 10:58	108-67-8	
1,3-Dichlorobenzene	<50.0	ug/L	100	50.0	100		05/30/17 10:58	541-73-1	
1,3-Dichloropropane	<50.0	ug/L	100	50.0	100		05/30/17 10:58	142-28-9	
1,4-Dichlorobenzene	<50.0	ug/L	100	50.0	100		05/30/17 10:58	106-46-7	
2,2-Dichloropropane	<48.4	ug/L	100	48.4	100		05/30/17 10:58	594-20-7	
2-Butanone (MEK)	<298	ug/L	2000	298	100		05/30/17 10:58	78-93-3	
2-Chlorotoluene	<50.0	ug/L	100	50.0	100		05/30/17 10:58	95-49-8	
2-Propanol	<2430	ug/L	25000	2430	100		05/30/17 10:58	67-63-0	
4-Chlorotoluene	<21.4	ug/L	100	21.4	100		05/30/17 10:58	106-43-4	
4-Methyl-2-pentanone (MIBK)	<214	ug/L	500	214	100		05/30/17 10:58	108-10-1	
Acetone	<295	ug/L	2000	295	100		05/30/17 10:58	67-64-1	
Benzene	<50.0	ug/L	100	50.0	100		05/30/17 10:58	71-43-2	
Bromobenzene	<23.0	ug/L	100	23.0	100		05/30/17 10:58	108-86-1	
Bromochloromethane	<34.0	ug/L	100	34.0	100		05/30/17 10:58	74-97-5	
Bromodichloromethane	<50.0	ug/L	100	50.0	100		05/30/17 10:58	75-27-4	
Bromoform	<50.0	ug/L	100	50.0	100		05/30/17 10:58	75-25-2	
Bromomethane	<243	ug/L	500	243	100		05/30/17 10:58	74-83-9	
Carbon tetrachloride	<50.0	ug/L	100	50.0	100		05/30/17 10:58	56-23-5	
Chlorobenzene	<50.0	ug/L	100	50.0	100		05/30/17 10:58	108-90-7	
Chloroethane	<37.5	ug/L	100	37.5	100		05/30/17 10:58	75-00-3	
Chloroform	<250	ug/L	500	250	100		05/30/17 10:58	67-66-3	
Chloromethane	<50.0	ug/L	100	50.0	100		05/30/17 10:58	74-87-3	
Dibromochloromethane	<50.0	ug/L	100	50.0	100		05/30/17 10:58	124-48-1	
Dibromomethane	<42.7	ug/L	100	42.7	100		05/30/17 10:58	74-95-3	
Dichlorodifluoromethane	<22.4	ug/L	100	22.4	100		05/30/17 10:58	75-71-8	
Diisopropyl ether	<50.0	ug/L	100	50.0	100		05/30/17 10:58	108-20-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-32 **Lab ID: 40150342014** Collected: 05/18/17 13:00 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Ethylbenzene	<50.0	ug/L	100	50.0	100		05/30/17 10:58	100-41-4	
Hexachloro-1,3-butadiene	<211	ug/L	500	211	100		05/30/17 10:58	87-68-3	
Isopropylbenzene (Cumene)	<14.3	ug/L	100	14.3	100		05/30/17 10:58	98-82-8	
Methyl-tert-butyl ether	<17.4	ug/L	100	17.4	100		05/30/17 10:58	1634-04-4	
Methylene Chloride	<23.3	ug/L	100	23.3	100		05/30/17 10:58	75-09-2	
Naphthalene	<250	ug/L	500	250	100		05/30/17 10:58	91-20-3	
Styrene	<50.0	ug/L	100	50.0	100		05/30/17 10:58	100-42-5	
Tetrachloroethene	4380	ug/L	100	50.0	100		05/30/17 10:58	127-18-4	
Toluene	<50.0	ug/L	100	50.0	100		05/30/17 10:58	108-88-3	
Trichloroethene	6480	ug/L	100	33.1	100		05/30/17 10:58	79-01-6	
Trichlorofluoromethane	<18.5	ug/L	100	18.5	100		05/30/17 10:58	75-69-4	
Vinyl chloride	<17.6	ug/L	100	17.6	100		05/30/17 10:58	75-01-4	
Xylene (Total)	<150	ug/L	300	150	100		05/30/17 10:58	1330-20-7	
cis-1,2-Dichloroethene	366	ug/L	100	25.6	100		05/30/17 10:58	156-59-2	
cis-1,3-Dichloropropene	<50.0	ug/L	100	50.0	100		05/30/17 10:58	10061-01-5	
m&p-Xylene	<100	ug/L	200	100	100		05/30/17 10:58	179601-23-1	
n-Butylbenzene	<50.0	ug/L	100	50.0	100		05/30/17 10:58	104-51-8	
n-Propylbenzene	<50.0	ug/L	100	50.0	100		05/30/17 10:58	103-65-1	
o-Xylene	<50.0	ug/L	100	50.0	100		05/30/17 10:58	95-47-6	
p-Isopropyltoluene	<50.0	ug/L	100	50.0	100		05/30/17 10:58	99-87-6	
sec-Butylbenzene	<219	ug/L	500	219	100		05/30/17 10:58	135-98-8	
tert-Butylbenzene	<18.0	ug/L	100	18.0	100		05/30/17 10:58	98-06-6	
trans-1,2-Dichloroethene	<25.7	ug/L	100	25.7	100		05/30/17 10:58	156-60-5	
trans-1,3-Dichloropropene	<23.0	ug/L	100	23.0	100		05/30/17 10:58	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107	%	67-124		100		05/30/17 10:58	1868-53-7	
Toluene-d8 (S)	100	%	80-120		100		05/30/17 10:58	2037-26-5	
4-Bromofluorobenzene (S)	101	%	61-118		100		05/30/17 10:58	460-00-4	
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Sulfate	66.2	mg/L	15.0	5.0	5		06/02/17 18:36	14808-79-8	
310.2 Alkalinity		Analytical Method: EPA 310.2							
Alkalinity, Total as CaCO3	92.1	mg/L	23.5	7.0	1		05/24/17 11:29		
353.2 Nitrogen, NO2/NO3 pres.		Analytical Method: EPA 353.2							
Nitrogen, NO2 plus NO3	1.6	mg/L	0.25	0.095	1		06/01/17 06:32		
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	9.1	mg/L	8.4	2.5	10		05/30/17 11:17	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 55929.005 WRR
Pace Project No.: 40150342

Sample: W-33 Lab ID: 40150342015 Collected: 05/18/17 10:40 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron, Dissolved	24500	ug/L	100	34.0	1	05/22/17 16:31	05/23/17 15:26	7439-89-6	
Manganese, Dissolved	1180	ug/L	5.5	1.8	1	05/22/17 16:31	05/23/17 15:26	7439-96-5	
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<22.6	ug/L	125	22.6	125		05/30/17 12:06	630-20-6	
1,1,1-Trichloroethane	4330	ug/L	125	62.5	125		05/30/17 12:06	71-55-6	
1,1,2,2-Tetrachloroethane	<31.2	ug/L	125	31.2	125		05/30/17 12:06	79-34-5	
1,1,2-Trichloroethane	34.8J	ug/L	125	24.7	125		05/30/17 12:06	79-00-5	
1,1-Dichloroethane	3110	ug/L	125	30.2	125		05/30/17 12:06	75-34-3	
1,1-Dichloroethene	78.2J	ug/L	125	51.3	125		05/30/17 12:06	75-35-4	
1,1-Dichloropropene	<55.1	ug/L	125	55.1	125		05/30/17 12:06	563-58-6	
1,2,3-Trichlorobenzene	<267	ug/L	625	267	125		05/30/17 12:06	87-61-6	
1,2,3-Trichloropropane	<62.5	ug/L	125	62.5	125		05/30/17 12:06	96-18-4	
1,2,4-Trichlorobenzene	<276	ug/L	625	276	125		05/30/17 12:06	120-82-1	
1,2,4-Trimethylbenzene	<62.5	ug/L	125	62.5	125		05/30/17 12:06	95-63-6	
1,2-Dibromo-3-chloropropane	<271	ug/L	625	271	125		05/30/17 12:06	96-12-8	
1,2-Dibromoethane (EDB)	<22.2	ug/L	125	22.2	125		05/30/17 12:06	106-93-4	
1,2-Dichlorobenzene	<62.5	ug/L	125	62.5	125		05/30/17 12:06	95-50-1	
1,2-Dichloroethane	21.3J	ug/L	125	21.0	125		05/30/17 12:06	107-06-2	
1,2-Dichloropropane	<29.1	ug/L	125	29.1	125		05/30/17 12:06	78-87-5	
1,3,5-Trimethylbenzene	<62.5	ug/L	125	62.5	125		05/30/17 12:06	108-67-8	
1,3-Dichlorobenzene	<62.5	ug/L	125	62.5	125		05/30/17 12:06	541-73-1	
1,3-Dichloropropane	<62.5	ug/L	125	62.5	125		05/30/17 12:06	142-28-9	
1,4-Dichlorobenzene	<62.5	ug/L	125	62.5	125		05/30/17 12:06	106-46-7	
2,2-Dichloropropane	<60.5	ug/L	125	60.5	125		05/30/17 12:06	594-20-7	
2-Butanone (MEK)	<372	ug/L	2500	372	125		05/30/17 12:06	78-93-3	
2-Chlorotoluene	<62.5	ug/L	125	62.5	125		05/30/17 12:06	95-49-8	
2-Propanol	<3040	ug/L	31200	3040	125		05/30/17 12:06	67-63-0	
4-Chlorotoluene	<26.7	ug/L	125	26.7	125		05/30/17 12:06	106-43-4	
4-Methyl-2-pentanone (MIBK)	<268	ug/L	625	268	125		05/30/17 12:06	108-10-1	
Acetone	<369	ug/L	2500	369	125		05/30/17 12:06	67-64-1	
Benzene	<62.5	ug/L	125	62.5	125		05/30/17 12:06	71-43-2	
Bromobenzene	<28.8	ug/L	125	28.8	125		05/30/17 12:06	108-86-1	
Bromochloromethane	<42.5	ug/L	125	42.5	125		05/30/17 12:06	74-97-5	
Bromodichloromethane	<62.5	ug/L	125	62.5	125		05/30/17 12:06	75-27-4	
Bromoform	<62.5	ug/L	125	62.5	125		05/30/17 12:06	75-25-2	
Bromomethane	<304	ug/L	625	304	125		05/30/17 12:06	74-83-9	
Carbon tetrachloride	<62.5	ug/L	125	62.5	125		05/30/17 12:06	56-23-5	
Chlorobenzene	<62.5	ug/L	125	62.5	125		05/30/17 12:06	108-90-7	
Chloroethane	180	ug/L	125	46.8	125		05/30/17 12:06	75-00-3	
Chloroform	<312	ug/L	625	312	125		05/30/17 12:06	67-66-3	
Chloromethane	<62.5	ug/L	125	62.5	125		05/30/17 12:06	74-87-3	
Dibromochloromethane	<62.5	ug/L	125	62.5	125		05/30/17 12:06	124-48-1	
Dibromomethane	<53.3	ug/L	125	53.3	125		05/30/17 12:06	74-95-3	
Dichlorodifluoromethane	<28.0	ug/L	125	28.0	125		05/30/17 12:06	75-71-8	
Diisopropyl ether	<62.5	ug/L	125	62.5	125		05/30/17 12:06	108-20-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-33 **Lab ID: 40150342015** Collected: 05/18/17 10:40 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Ethylbenzene	<62.5	ug/L	125	62.5	125		05/30/17 12:06	100-41-4	
Hexachloro-1,3-butadiene	<263	ug/L	625	263	125		05/30/17 12:06	87-68-3	
Isopropylbenzene (Cumene)	<17.9	ug/L	125	17.9	125		05/30/17 12:06	98-82-8	
Methyl-tert-butyl ether	<21.8	ug/L	125	21.8	125		05/30/17 12:06	1634-04-4	
Methylene Chloride	52.9J	ug/L	125	29.1	125		05/30/17 12:06	75-09-2	
Naphthalene	<312	ug/L	625	312	125		05/30/17 12:06	91-20-3	
Styrene	<62.5	ug/L	125	62.5	125		05/30/17 12:06	100-42-5	
Tetrachloroethene	214	ug/L	125	62.5	125		05/30/17 12:06	127-18-4	
Toluene	<62.5	ug/L	125	62.5	125		05/30/17 12:06	108-88-3	
Trichloroethene	215	ug/L	125	41.3	125		05/30/17 12:06	79-01-6	
Trichlorofluoromethane	<23.1	ug/L	125	23.1	125		05/30/17 12:06	75-69-4	
Vinyl chloride	88.9J	ug/L	125	21.9	125		05/30/17 12:06	75-01-4	
Xylene (Total)	<188	ug/L	375	188	125		05/30/17 12:06	1330-20-7	
cis-1,2-Dichloroethene	8800	ug/L	125	32.0	125		05/30/17 12:06	156-59-2	
cis-1,3-Dichloropropene	<62.5	ug/L	125	62.5	125		05/30/17 12:06	10061-01-5	
m&p-Xylene	<125	ug/L	250	125	125		05/30/17 12:06	179601-23-1	
n-Butylbenzene	<62.5	ug/L	125	62.5	125		05/30/17 12:06	104-51-8	
n-Propylbenzene	<62.5	ug/L	125	62.5	125		05/30/17 12:06	103-65-1	
o-Xylene	<62.5	ug/L	125	62.5	125		05/30/17 12:06	95-47-6	
p-Isopropyltoluene	<62.5	ug/L	125	62.5	125		05/30/17 12:06	99-87-6	
sec-Butylbenzene	<273	ug/L	625	273	125		05/30/17 12:06	135-98-8	
tert-Butylbenzene	<22.5	ug/L	125	22.5	125		05/30/17 12:06	98-06-6	
trans-1,2-Dichloroethene	39.6J	ug/L	125	32.1	125		05/30/17 12:06	156-60-5	
trans-1,3-Dichloropropene	<28.7	ug/L	125	28.7	125		05/30/17 12:06	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107	%	67-124		125		05/30/17 12:06	1868-53-7	
Toluene-d8 (S)	99	%	80-120		125		05/30/17 12:06	2037-26-5	
4-Bromofluorobenzene (S)	100	%	61-118		125		05/30/17 12:06	460-00-4	
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Sulfate	25.8	mg/L	15.0	5.0	5		06/02/17 18:47	14808-79-8	
310.2 Alkalinity		Analytical Method: EPA 310.2							
Alkalinity, Total as CaCO3	266	mg/L	23.5	7.0	1		05/24/17 11:31		
353.2 Nitrogen, NO2/NO3 pres.		Analytical Method: EPA 353.2							
Nitrogen, NO2 plus NO3	<0.095	mg/L	0.25	0.095	1		06/01/17 06:33		
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	15.1	mg/L	8.4	2.5	10		05/31/17 12:36	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-33 DUP **Lab ID: 40150342016** Collected: 05/18/17 10:50 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<22.6	ug/L	125	22.6	125		05/30/17 09:29	630-20-6	
1,1,1-Trichloroethane	4910	ug/L	125	62.5	125		05/30/17 09:29	71-55-6	
1,1,2,2-Tetrachloroethane	<31.2	ug/L	125	31.2	125		05/30/17 09:29	79-34-5	
1,1,2-Trichloroethane	29.1J	ug/L	125	24.7	125		05/30/17 09:29	79-00-5	
1,1-Dichloroethane	3310	ug/L	125	30.2	125		05/30/17 09:29	75-34-3	
1,1-Dichloroethene	95.9J	ug/L	125	51.3	125		05/30/17 09:29	75-35-4	
1,1-Dichloropropene	<55.1	ug/L	125	55.1	125		05/30/17 09:29	563-58-6	
1,2,3-Trichlorobenzene	<267	ug/L	625	267	125		05/30/17 09:29	87-61-6	
1,2,3-Trichloropropane	<62.5	ug/L	125	62.5	125		05/30/17 09:29	96-18-4	
1,2,4-Trichlorobenzene	<276	ug/L	625	276	125		05/30/17 09:29	120-82-1	
1,2,4-Trimethylbenzene	<62.5	ug/L	125	62.5	125		05/30/17 09:29	95-63-6	
1,2-Dibromo-3-chloropropane	<271	ug/L	625	271	125		05/30/17 09:29	96-12-8	
1,2-Dibromoethane (EDB)	<22.2	ug/L	125	22.2	125		05/30/17 09:29	106-93-4	
1,2-Dichlorobenzene	<62.5	ug/L	125	62.5	125		05/30/17 09:29	95-50-1	
1,2-Dichloroethane	<21.0	ug/L	125	21.0	125		05/30/17 09:29	107-06-2	
1,2-Dichloropropane	<29.1	ug/L	125	29.1	125		05/30/17 09:29	78-87-5	
1,3,5-Trimethylbenzene	<62.5	ug/L	125	62.5	125		05/30/17 09:29	108-67-8	
1,3-Dichlorobenzene	<62.5	ug/L	125	62.5	125		05/30/17 09:29	541-73-1	
1,3-Dichloropropane	<62.5	ug/L	125	62.5	125		05/30/17 09:29	142-28-9	
1,4-Dichlorobenzene	<62.5	ug/L	125	62.5	125		05/30/17 09:29	106-46-7	
2,2-Dichloropropane	<60.5	ug/L	125	60.5	125		05/30/17 09:29	594-20-7	
2-Butanone (MEK)	<372	ug/L	2500	372	125		05/30/17 09:29	78-93-3	
2-Chlorotoluene	<62.5	ug/L	125	62.5	125		05/30/17 09:29	95-49-8	
2-Propanol	<3040	ug/L	31200	3040	125		05/30/17 09:29	67-63-0	
4-Chlorotoluene	<26.7	ug/L	125	26.7	125		05/30/17 09:29	106-43-4	
4-Methyl-2-pentanone (MIBK)	<268	ug/L	625	268	125		05/30/17 09:29	108-10-1	
Acetone	<369	ug/L	2500	369	125		05/30/17 09:29	67-64-1	
Benzene	<62.5	ug/L	125	62.5	125		05/30/17 09:29	71-43-2	
Bromobenzene	<28.8	ug/L	125	28.8	125		05/30/17 09:29	108-86-1	
Bromochloromethane	<42.5	ug/L	125	42.5	125		05/30/17 09:29	74-97-5	
Bromodichloromethane	<62.5	ug/L	125	62.5	125		05/30/17 09:29	75-27-4	
Bromoform	<62.5	ug/L	125	62.5	125		05/30/17 09:29	75-25-2	
Bromomethane	<304	ug/L	625	304	125		05/30/17 09:29	74-83-9	
Carbon tetrachloride	<62.5	ug/L	125	62.5	125		05/30/17 09:29	56-23-5	
Chlorobenzene	<62.5	ug/L	125	62.5	125		05/30/17 09:29	108-90-7	
Chloroethane	212	ug/L	125	46.8	125		05/30/17 09:29	75-00-3	
Chloroform	<312	ug/L	625	312	125		05/30/17 09:29	67-66-3	
Chloromethane	<62.5	ug/L	125	62.5	125		05/30/17 09:29	74-87-3	
Dibromochloromethane	<62.5	ug/L	125	62.5	125		05/30/17 09:29	124-48-1	
Dibromomethane	<53.3	ug/L	125	53.3	125		05/30/17 09:29	74-95-3	
Dichlorodifluoromethane	<28.0	ug/L	125	28.0	125		05/30/17 09:29	75-71-8	
Diisopropyl ether	<62.5	ug/L	125	62.5	125		05/30/17 09:29	108-20-3	
Ethylbenzene	<62.5	ug/L	125	62.5	125		05/30/17 09:29	100-41-4	
Hexachloro-1,3-butadiene	<263	ug/L	625	263	125		05/30/17 09:29	87-68-3	
Isopropylbenzene (Cumene)	<17.9	ug/L	125	17.9	125		05/30/17 09:29	98-82-8	
Methyl-tert-butyl ether	<21.8	ug/L	125	21.8	125		05/30/17 09:29	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-33 DUP **Lab ID: 40150342016** Collected: 05/18/17 10:50 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Methylene Chloride	60.7J	ug/L	125	29.1	125		05/30/17 09:29	75-09-2	
Naphthalene	<312	ug/L	625	312	125		05/30/17 09:29	91-20-3	
Styrene	<62.5	ug/L	125	62.5	125		05/30/17 09:29	100-42-5	
Tetrachloroethene	210	ug/L	125	62.5	125		05/30/17 09:29	127-18-4	
Toluene	<62.5	ug/L	125	62.5	125		05/30/17 09:29	108-88-3	
Trichloroethene	199	ug/L	125	41.3	125		05/30/17 09:29	79-01-6	
Trichlorofluoromethane	<23.1	ug/L	125	23.1	125		05/30/17 09:29	75-69-4	
Vinyl chloride	96.2J	ug/L	125	21.9	125		05/30/17 09:29	75-01-4	
Xylene (Total)	<188	ug/L	375	188	125		05/30/17 09:29	1330-20-7	
cis-1,2-Dichloroethene	9650	ug/L	125	32.0	125		05/30/17 09:29	156-59-2	
cis-1,3-Dichloropropene	<62.5	ug/L	125	62.5	125		05/30/17 09:29	10061-01-5	
m&p-Xylene	<125	ug/L	250	125	125		05/30/17 09:29	179601-23-1	
n-Butylbenzene	<62.5	ug/L	125	62.5	125		05/30/17 09:29	104-51-8	
n-Propylbenzene	<62.5	ug/L	125	62.5	125		05/30/17 09:29	103-65-1	
o-Xylene	<62.5	ug/L	125	62.5	125		05/30/17 09:29	95-47-6	
p-Isopropyltoluene	<62.5	ug/L	125	62.5	125		05/30/17 09:29	99-87-6	
sec-Butylbenzene	<273	ug/L	625	273	125		05/30/17 09:29	135-98-8	
tert-Butylbenzene	<22.5	ug/L	125	22.5	125		05/30/17 09:29	98-06-6	
trans-1,2-Dichloroethene	43.2J	ug/L	125	32.1	125		05/30/17 09:29	156-60-5	
trans-1,3-Dichloropropene	<28.7	ug/L	125	28.7	125		05/30/17 09:29	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107	%	67-124		125		05/30/17 09:29	1868-53-7	
Toluene-d8 (S)	99	%	80-120		125		05/30/17 09:29	2037-26-5	
4-Bromofluorobenzene (S)	99	%	61-118		125		05/30/17 09:29	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: TW-1 **Lab ID: 40150342017** Collected: 05/18/17 15:10 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<1.8	ug/L	10.0	1.8	10		05/30/17 11:21	630-20-6	
1,1,1-Trichloroethane	32.1	ug/L	10.0	5.0	10		05/30/17 11:21	71-55-6	
1,1,2,2-Tetrachloroethane	<2.5	ug/L	10.0	2.5	10		05/30/17 11:21	79-34-5	
1,1,2-Trichloroethane	<2.0	ug/L	10.0	2.0	10		05/30/17 11:21	79-00-5	
1,1-Dichloroethane	208	ug/L	10.0	2.4	10		05/30/17 11:21	75-34-3	
1,1-Dichloroethene	<4.1	ug/L	10.0	4.1	10		05/30/17 11:21	75-35-4	
1,1-Dichloropropene	<4.4	ug/L	10.0	4.4	10		05/30/17 11:21	563-58-6	
1,2,3-Trichlorobenzene	<21.3	ug/L	50.0	21.3	10		05/30/17 11:21	87-61-6	
1,2,3-Trichloropropane	<5.0	ug/L	10.0	5.0	10		05/30/17 11:21	96-18-4	
1,2,4-Trichlorobenzene	<22.1	ug/L	50.0	22.1	10		05/30/17 11:21	120-82-1	
1,2,4-Trimethylbenzene	630	ug/L	10.0	5.0	10		05/30/17 11:21	95-63-6	
1,2-Dibromo-3-chloropropane	<21.6	ug/L	50.0	21.6	10		05/30/17 11:21	96-12-8	
1,2-Dibromoethane (EDB)	<1.8	ug/L	10.0	1.8	10		05/30/17 11:21	106-93-4	
1,2-Dichlorobenzene	23.9	ug/L	10.0	5.0	10		05/30/17 11:21	95-50-1	
1,2-Dichloroethane	2.7J	ug/L	10.0	1.7	10		05/30/17 11:21	107-06-2	
1,2-Dichloropropane	<2.3	ug/L	10.0	2.3	10		05/30/17 11:21	78-87-5	
1,3,5-Trimethylbenzene	195	ug/L	10.0	5.0	10		05/30/17 11:21	108-67-8	
1,3-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		05/30/17 11:21	541-73-1	
1,3-Dichloropropane	<5.0	ug/L	10.0	5.0	10		05/30/17 11:21	142-28-9	
1,4-Dichlorobenzene	<5.0	ug/L	10.0	5.0	10		05/30/17 11:21	106-46-7	
2,2-Dichloropropane	<4.8	ug/L	10.0	4.8	10		05/30/17 11:21	594-20-7	
2-Butanone (MEK)	<29.8	ug/L	200	29.8	10		05/30/17 11:21	78-93-3	
2-Chlorotoluene	<5.0	ug/L	10.0	5.0	10		05/30/17 11:21	95-49-8	
2-Propanol	<243	ug/L	2500	243	10		05/30/17 11:21	67-63-0	
4-Chlorotoluene	<2.1	ug/L	10.0	2.1	10		05/30/17 11:21	106-43-4	
4-Methyl-2-pentanone (MIBK)	<21.4	ug/L	50.0	21.4	10		05/30/17 11:21	108-10-1	
Acetone	<29.5	ug/L	200	29.5	10		05/30/17 11:21	67-64-1	
Benzene	<5.0	ug/L	10.0	5.0	10		05/30/17 11:21	71-43-2	
Bromobenzene	<2.3	ug/L	10.0	2.3	10		05/30/17 11:21	108-86-1	
Bromochloromethane	<3.4	ug/L	10.0	3.4	10		05/30/17 11:21	74-97-5	
Bromodichloromethane	<5.0	ug/L	10.0	5.0	10		05/30/17 11:21	75-27-4	
Bromoform	<5.0	ug/L	10.0	5.0	10		05/30/17 11:21	75-25-2	
Bromomethane	<24.3	ug/L	50.0	24.3	10		05/30/17 11:21	74-83-9	
Carbon tetrachloride	<5.0	ug/L	10.0	5.0	10		05/30/17 11:21	56-23-5	
Chlorobenzene	<5.0	ug/L	10.0	5.0	10		05/30/17 11:21	108-90-7	
Chloroethane	109	ug/L	10.0	3.7	10		05/30/17 11:21	75-00-3	
Chloroform	<25.0	ug/L	50.0	25.0	10		05/30/17 11:21	67-66-3	
Chloromethane	<5.0	ug/L	10.0	5.0	10		05/30/17 11:21	74-87-3	
Dibromochloromethane	<5.0	ug/L	10.0	5.0	10		05/30/17 11:21	124-48-1	
Dibromomethane	<4.3	ug/L	10.0	4.3	10		05/30/17 11:21	74-95-3	
Dichlorodifluoromethane	19.2	ug/L	10.0	2.2	10		05/30/17 11:21	75-71-8	
Diisopropyl ether	<5.0	ug/L	10.0	5.0	10		05/30/17 11:21	108-20-3	
Ethylbenzene	917	ug/L	10.0	5.0	10		05/30/17 11:21	100-41-4	
Hexachloro-1,3-butadiene	<21.1	ug/L	50.0	21.1	10		05/30/17 11:21	87-68-3	
Isopropylbenzene (Cumene)	64.2	ug/L	10.0	1.4	10		05/30/17 11:21	98-82-8	
Methyl-tert-butyl ether	3.2J	ug/L	10.0	1.7	10		05/30/17 11:21	1634-04-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: TW-1 **Lab ID: 40150342017** Collected: 05/18/17 15:10 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Methylene Chloride	54.9	ug/L	10.0	2.3	10		05/30/17 11:21	75-09-2	
Naphthalene	68.5	ug/L	50.0	25.0	10		05/30/17 11:21	91-20-3	
Styrene	<5.0	ug/L	10.0	5.0	10		05/30/17 11:21	100-42-5	
Tetrachloroethene	5.1J	ug/L	10.0	5.0	10		05/30/17 11:21	127-18-4	
Toluene	69.4	ug/L	10.0	5.0	10		05/30/17 11:21	108-88-3	
Trichloroethene	7.2J	ug/L	10.0	3.3	10		05/30/17 11:21	79-01-6	
Trichlorofluoromethane	<1.8	ug/L	10.0	1.8	10		05/30/17 11:21	75-69-4	
Vinyl chloride	34.9	ug/L	10.0	1.8	10		05/30/17 11:21	75-01-4	
Xylene (Total)	3470	ug/L	30.0	15.0	10		05/30/17 11:21	1330-20-7	
cis-1,2-Dichloroethene	164	ug/L	10.0	2.6	10		05/30/17 11:21	156-59-2	
cis-1,3-Dichloropropene	<5.0	ug/L	10.0	5.0	10		05/30/17 11:21	10061-01-5	
m&p-Xylene	3200	ug/L	20.0	10.0	10		05/30/17 11:21	179601-23-1	
n-Butylbenzene	<5.0	ug/L	10.0	5.0	10		05/30/17 11:21	104-51-8	
n-Propylbenzene	130	ug/L	10.0	5.0	10		05/30/17 11:21	103-65-1	
o-Xylene	273	ug/L	10.0	5.0	10		05/30/17 11:21	95-47-6	
p-Isopropyltoluene	5.4J	ug/L	10.0	5.0	10		05/30/17 11:21	99-87-6	
sec-Butylbenzene	<21.9	ug/L	50.0	21.9	10		05/30/17 11:21	135-98-8	
tert-Butylbenzene	<1.8	ug/L	10.0	1.8	10		05/30/17 11:21	98-06-6	
trans-1,2-Dichloroethene	3.0J	ug/L	10.0	2.6	10		05/30/17 11:21	156-60-5	
trans-1,3-Dichloropropene	<2.3	ug/L	10.0	2.3	10		05/30/17 11:21	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106	%	67-124		10		05/30/17 11:21	1868-53-7	
Toluene-d8 (S)	101	%	80-120		10		05/30/17 11:21	2037-26-5	
4-Bromofluorobenzene (S)	99	%	61-118		10		05/30/17 11:21	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: TRIP BLANK **Lab ID: 40150342018** Collected: 05/18/17 00:00 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/31/17 04:20	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/31/17 04:20	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/31/17 04:20	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/31/17 04:20	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/31/17 04:20	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/31/17 04:20	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/31/17 04:20	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/31/17 04:20	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/31/17 04:20	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/31/17 04:20	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:20	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/31/17 04:20	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/31/17 04:20	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:20	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/31/17 04:20	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/31/17 04:20	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:20	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:20	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/31/17 04:20	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:20	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/31/17 04:20	594-20-7	
2-Butanone (MEK)	<3.0	ug/L	20.0	3.0	1		05/31/17 04:20	78-93-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:20	95-49-8	
2-Propanol	<24.3	ug/L	250	24.3	1		05/31/17 04:20	67-63-0	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/31/17 04:20	106-43-4	
4-Methyl-2-pentanone (MIBK)	<2.1	ug/L	5.0	2.1	1		05/31/17 04:20	108-10-1	
Acetone	<3.0	ug/L	20.0	3.0	1		05/31/17 04:20	67-64-1	
Benzene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:20	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/31/17 04:20	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/31/17 04:20	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/31/17 04:20	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/31/17 04:20	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/31/17 04:20	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/31/17 04:20	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:20	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/31/17 04:20	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/31/17 04:20	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/31/17 04:20	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/31/17 04:20	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/31/17 04:20	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/31/17 04:20	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/31/17 04:20	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:20	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/31/17 04:20	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/31/17 04:20	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/31/17 04:20	1634-04-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: TRIP BLANK **Lab ID: 40150342018** Collected: 05/18/17 00:00 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/31/17 04:20	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/31/17 04:20	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:20	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:20	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:20	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/31/17 04:20	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/31/17 04:20	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/31/17 04:20	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/31/17 04:20	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/31/17 04:20	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:20	10061-01-5	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		05/31/17 04:20	179601-23-1	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:20	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:20	103-65-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:20	95-47-6	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/31/17 04:20	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/31/17 04:20	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/31/17 04:20	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/31/17 04:20	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/31/17 04:20	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	111	%	67-124		1		05/31/17 04:20	1868-53-7	
Toluene-d8 (S)	100	%	80-120		1		05/31/17 04:20	2037-26-5	
4-Bromofluorobenzene (S)	101	%	61-118		1		05/31/17 04:20	460-00-4	

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-6 **Lab ID: 40150342021** Collected: 05/17/17 15:45 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<3.6	ug/L	20.0	3.6	20		05/24/17 13:34	630-20-6	
1,1,1-Trichloroethane	27.7	ug/L	20.0	10.0	20		05/24/17 13:34	71-55-6	
1,1,2,2-Tetrachloroethane	<5.0	ug/L	20.0	5.0	20		05/24/17 13:34	79-34-5	
1,1,2-Trichloroethane	<3.9	ug/L	20.0	3.9	20		05/24/17 13:34	79-00-5	
1,1-Dichloroethane	538	ug/L	20.0	4.8	20		05/24/17 13:34	75-34-3	
1,1-Dichloroethene	<8.2	ug/L	20.0	8.2	20		05/24/17 13:34	75-35-4	
1,1-Dichloropropene	<8.8	ug/L	20.0	8.8	20		05/24/17 13:34	563-58-6	
1,2,3-Trichlorobenzene	<42.7	ug/L	100	42.7	20		05/24/17 13:34	87-61-6	
1,2,3-Trichloropropane	<10.0	ug/L	20.0	10.0	20		05/24/17 13:34	96-18-4	
1,2,4-Trichlorobenzene	<44.2	ug/L	100	44.2	20		05/24/17 13:34	120-82-1	
1,2,4-Trimethylbenzene	49.0	ug/L	20.0	10.0	20		05/24/17 13:34	95-63-6	
1,2-Dibromo-3-chloropropane	<43.3	ug/L	100	43.3	20		05/24/17 13:34	96-12-8	
1,2-Dibromoethane (EDB)	<3.6	ug/L	20.0	3.6	20		05/24/17 13:34	106-93-4	
1,2-Dichlorobenzene	26.3	ug/L	20.0	10.0	20		05/24/17 13:34	95-50-1	
1,2-Dichloroethane	<3.4	ug/L	20.0	3.4	20		05/24/17 13:34	107-06-2	
1,2-Dichloropropane	<4.7	ug/L	20.0	4.7	20		05/24/17 13:34	78-87-5	
1,3,5-Trimethylbenzene	<10.0	ug/L	20.0	10.0	20		05/24/17 13:34	108-67-8	
1,3-Dichlorobenzene	<10.0	ug/L	20.0	10.0	20		05/24/17 13:34	541-73-1	
1,3-Dichloropropane	<10.0	ug/L	20.0	10.0	20		05/24/17 13:34	142-28-9	
1,4-Dichlorobenzene	<10.0	ug/L	20.0	10.0	20		05/24/17 13:34	106-46-7	
2,2-Dichloropropane	<9.7	ug/L	20.0	9.7	20		05/24/17 13:34	594-20-7	
2-Butanone (MEK)	<59.6	ug/L	400	59.6	20		05/24/17 13:34	78-93-3	L1
2-Chlorotoluene	<10.0	ug/L	20.0	10.0	20		05/24/17 13:34	95-49-8	
2-Propanol	<487	ug/L	5000	487	20		05/24/17 13:34	67-63-0	
4-Chlorotoluene	<4.3	ug/L	20.0	4.3	20		05/24/17 13:34	106-43-4	
4-Methyl-2-pentanone (MIBK)	<42.8	ug/L	100	42.8	20		05/24/17 13:34	108-10-1	
Acetone	<59.1	ug/L	400	59.1	20		05/24/17 13:34	67-64-1	
Benzene	<10.0	ug/L	20.0	10.0	20		05/24/17 13:34	71-43-2	
Bromobenzene	<4.6	ug/L	20.0	4.6	20		05/24/17 13:34	108-86-1	
Bromochloromethane	<6.8	ug/L	20.0	6.8	20		05/24/17 13:34	74-97-5	
Bromodichloromethane	<10.0	ug/L	20.0	10.0	20		05/24/17 13:34	75-27-4	
Bromoform	<10.0	ug/L	20.0	10.0	20		05/24/17 13:34	75-25-2	
Bromomethane	<48.7	ug/L	100	48.7	20		05/24/17 13:34	74-83-9	
Carbon tetrachloride	<10.0	ug/L	20.0	10.0	20		05/24/17 13:34	56-23-5	
Chlorobenzene	<10.0	ug/L	20.0	10.0	20		05/24/17 13:34	108-90-7	
Chloroethane	106	ug/L	20.0	7.5	20		05/24/17 13:34	75-00-3	
Chloroform	<50.0	ug/L	100	50.0	20		05/24/17 13:34	67-66-3	
Chloromethane	<10.0	ug/L	20.0	10.0	20		05/24/17 13:34	74-87-3	
Dibromochloromethane	<10.0	ug/L	20.0	10.0	20		05/24/17 13:34	124-48-1	
Dibromomethane	<8.5	ug/L	20.0	8.5	20		05/24/17 13:34	74-95-3	
Dichlorodifluoromethane	<4.5	ug/L	20.0	4.5	20		05/24/17 13:34	75-71-8	
Diisopropyl ether	<10.0	ug/L	20.0	10.0	20		05/24/17 13:34	108-20-3	
Ethylbenzene	279	ug/L	20.0	10.0	20		05/24/17 13:34	100-41-4	
Hexachloro-1,3-butadiene	<42.1	ug/L	100	42.1	20		05/24/17 13:34	87-68-3	
Isopropylbenzene (Cumene)	10.8J	ug/L	20.0	2.9	20		05/24/17 13:34	98-82-8	
Methyl-tert-butyl ether	<3.5	ug/L	20.0	3.5	20		05/24/17 13:34	1634-04-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 55929.005 WRR

Pace Project No.: 40150342

Sample: W-6 **Lab ID: 40150342021** Collected: 05/17/17 15:45 Received: 05/20/17 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates		Analytical Method: EPA 8260							
Methylene Chloride	<4.7	ug/L	20.0	4.7	20		05/24/17 13:34	75-09-2	
Naphthalene	<50.0	ug/L	100	50.0	20		05/24/17 13:34	91-20-3	
Styrene	<10.0	ug/L	20.0	10.0	20		05/24/17 13:34	100-42-5	
Tetrachloroethene	<10.0	ug/L	20.0	10.0	20		05/24/17 13:34	127-18-4	
Toluene	24.9	ug/L	20.0	10.0	20		05/24/17 13:34	108-88-3	
Trichloroethene	<6.6	ug/L	20.0	6.6	20		05/24/17 13:34	79-01-6	
Trichlorofluoromethane	<3.7	ug/L	20.0	3.7	20		05/24/17 13:34	75-69-4	
Vinyl chloride	509	ug/L	20.0	3.5	20		05/24/17 13:34	75-01-4	
Xylene (Total)	34.1J	ug/L	60.0	30.0	20		05/24/17 13:34	1330-20-7	
cis-1,2-Dichloroethene	1500	ug/L	20.0	5.1	20		05/24/17 13:34	156-59-2	
cis-1,3-Dichloropropene	<10.0	ug/L	20.0	10.0	20		05/24/17 13:34	10061-01-5	
m&p-Xylene	<20.0	ug/L	40.0	20.0	20		05/24/17 13:34	179601-23-1	
n-Butylbenzene	<10.0	ug/L	20.0	10.0	20		05/24/17 13:34	104-51-8	
n-Propylbenzene	10.8J	ug/L	20.0	10.0	20		05/24/17 13:34	103-65-1	
o-Xylene	20.1	ug/L	20.0	10.0	20		05/24/17 13:34	95-47-6	
p-Isopropyltoluene	<10.0	ug/L	20.0	10.0	20		05/24/17 13:34	99-87-6	
sec-Butylbenzene	<43.7	ug/L	100	43.7	20		05/24/17 13:34	135-98-8	
tert-Butylbenzene	<3.6	ug/L	20.0	3.6	20		05/24/17 13:34	98-06-6	
trans-1,2-Dichloroethene	18.4J	ug/L	20.0	5.1	20		05/24/17 13:34	156-60-5	
trans-1,3-Dichloropropene	<4.6	ug/L	20.0	4.6	20		05/24/17 13:34	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104	%	67-124		20		05/24/17 13:34	1868-53-7	
Toluene-d8 (S)	92	%	80-120		20		05/24/17 13:34	2037-26-5	
4-Bromofluorobenzene (S)	85	%	61-118		20		05/24/17 13:34	460-00-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 55929.005 WRR
Pace Project No.: 40150342

QC Batch: 256418 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET Dissolved
Associated Lab Samples: 40150342014, 40150342015

METHOD BLANK: 1511495 Matrix: Water
Associated Lab Samples: 40150342014, 40150342015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Dissolved	ug/L	<34.0	100	05/23/17 14:47	
Manganese, Dissolved	ug/L	<1.8	5.5	05/23/17 14:47	

LABORATORY CONTROL SAMPLE: 1511496

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	5000	5020	100	80-120	
Manganese, Dissolved	ug/L	500	518	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1511497 1511498

Parameter	Units	40150230001 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Result	Spike Conc.	MSD Result						
Iron, Dissolved	ug/L	<34.0	5000	5000	5000	5040	100	101	75-125	1	20	
Manganese, Dissolved	ug/L	228	500	500	731	726	101	100	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 55929.005 WRR
Pace Project No.: 40150342

QC Batch: 256301 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Oxygenates
Associated Lab Samples: 40150342001, 40150342002, 40150342003, 40150342004, 40150342005, 40150342006, 40150342007, 40150342008, 40150342009, 40150342010, 40150342011, 40150342012, 40150342013, 40150342014, 40150342015, 40150342016, 40150342017, 40150342018

METHOD BLANK: 1511133 Matrix: Water
Associated Lab Samples: 40150342001, 40150342002, 40150342003, 40150342004, 40150342005, 40150342006, 40150342007, 40150342008, 40150342009, 40150342010, 40150342011, 40150342012, 40150342013, 40150342014, 40150342015, 40150342016, 40150342017, 40150342018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	05/30/17 06:52	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	05/30/17 06:52	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	05/30/17 06:52	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	05/30/17 06:52	
1,1-Dichloroethane	ug/L	<0.24	1.0	05/30/17 06:52	
1,1-Dichloroethene	ug/L	<0.41	1.0	05/30/17 06:52	
1,1-Dichloropropene	ug/L	<0.44	1.0	05/30/17 06:52	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	05/30/17 06:52	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	05/30/17 06:52	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	05/30/17 06:52	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	05/30/17 06:52	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	05/30/17 06:52	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	05/30/17 06:52	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	05/30/17 06:52	
1,2-Dichloroethane	ug/L	<0.17	1.0	05/30/17 06:52	
1,2-Dichloropropane	ug/L	<0.23	1.0	05/30/17 06:52	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	05/30/17 06:52	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	05/30/17 06:52	
1,3-Dichloropropane	ug/L	<0.50	1.0	05/30/17 06:52	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	05/30/17 06:52	
2,2-Dichloropropane	ug/L	<0.48	1.0	05/30/17 06:52	
2-Butanone (MEK)	ug/L	<3.0	20.0	05/30/17 06:52	
2-Chlorotoluene	ug/L	<0.50	1.0	05/30/17 06:52	
2-Propanol	ug/L	<24.3	250	05/30/17 06:52	
4-Chlorotoluene	ug/L	<0.21	1.0	05/30/17 06:52	
4-Methyl-2-pentanone (MIBK)	ug/L	<2.1	5.0	05/30/17 06:52	
Acetone	ug/L	<3.0	20.0	05/30/17 06:52	
Benzene	ug/L	<0.50	1.0	05/30/17 06:52	
Bromobenzene	ug/L	<0.23	1.0	05/30/17 06:52	
Bromochloromethane	ug/L	<0.34	1.0	05/30/17 06:52	
Bromodichloromethane	ug/L	<0.50	1.0	05/30/17 06:52	
Bromoform	ug/L	<0.50	1.0	05/30/17 06:52	
Bromomethane	ug/L	<2.4	5.0	05/30/17 06:52	
Carbon tetrachloride	ug/L	<0.50	1.0	05/30/17 06:52	
Chlorobenzene	ug/L	<0.50	1.0	05/30/17 06:52	
Chloroethane	ug/L	<0.37	1.0	05/30/17 06:52	
Chloroform	ug/L	<2.5	5.0	05/30/17 06:52	
Chloromethane	ug/L	<0.50	1.0	05/30/17 06:52	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 55929.005 WRR
Pace Project No.: 40150342

METHOD BLANK: 1511133

Matrix: Water

Associated Lab Samples: 40150342001, 40150342002, 40150342003, 40150342004, 40150342005, 40150342006, 40150342007, 40150342008, 40150342009, 40150342010, 40150342011, 40150342012, 40150342013, 40150342014, 40150342015, 40150342016, 40150342017, 40150342018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	05/30/17 06:52	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	05/30/17 06:52	
Dibromochloromethane	ug/L	<0.50	1.0	05/30/17 06:52	
Dibromomethane	ug/L	<0.43	1.0	05/30/17 06:52	
Dichlorodifluoromethane	ug/L	<0.22	1.0	05/30/17 06:52	
Diisopropyl ether	ug/L	<0.50	1.0	05/30/17 06:52	
Ethylbenzene	ug/L	<0.50	1.0	05/30/17 06:52	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	05/30/17 06:52	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	05/30/17 06:52	
m&p-Xylene	ug/L	<1.0	2.0	05/30/17 06:52	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	05/30/17 06:52	
Methylene Chloride	ug/L	<0.23	1.0	05/30/17 06:52	
n-Butylbenzene	ug/L	<0.50	1.0	05/30/17 06:52	
n-Propylbenzene	ug/L	<0.50	1.0	05/30/17 06:52	
Naphthalene	ug/L	<2.5	5.0	05/30/17 06:52	
o-Xylene	ug/L	<0.50	1.0	05/30/17 06:52	
p-Isopropyltoluene	ug/L	<0.50	1.0	05/30/17 06:52	
sec-Butylbenzene	ug/L	<2.2	5.0	05/30/17 06:52	
Styrene	ug/L	<0.50	1.0	05/30/17 06:52	
tert-Butylbenzene	ug/L	<0.18	1.0	05/30/17 06:52	
Tetrachloroethene	ug/L	<0.50	1.0	05/30/17 06:52	
Toluene	ug/L	<0.50	1.0	05/30/17 06:52	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	05/30/17 06:52	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	05/30/17 06:52	
Trichloroethene	ug/L	<0.33	1.0	05/30/17 06:52	
Trichlorofluoromethane	ug/L	<0.18	1.0	05/30/17 06:52	
Vinyl chloride	ug/L	<0.18	1.0	05/30/17 06:52	
Xylene (Total)	ug/L	<1.5	3.0	05/30/17 06:52	
4-Bromofluorobenzene (S)	%	100	61-118	05/30/17 06:52	
Dibromofluoromethane (S)	%	105	67-124	05/30/17 06:52	
Toluene-d8 (S)	%	99	80-120	05/30/17 06:52	

LABORATORY CONTROL SAMPLE: 1511134

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	51.6	103	85-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.1	100	72-114	
1,1,2-Trichloroethane	ug/L	50	50.5	101	80-120	
1,1-Dichloroethane	ug/L	50	57.0	114	71-132	
1,1-Dichloroethene	ug/L	50	52.1	104	75-130	
1,2,4-Trichlorobenzene	ug/L	50	47.4	95	74-117	
1,2-Dibromo-3-chloropropane	ug/L	50	43.3	87	63-121	

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QUALITY CONTROL DATA

Project: 55929.005 WRR

Pace Project No.: 40150342

LABORATORY CONTROL SAMPLE: 1511134

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	48.9	98	80-120	
1,2-Dichlorobenzene	ug/L	50	49.9	100	80-120	
1,2-Dichloroethane	ug/L	50	52.6	105	79-131	
1,2-Dichloropropane	ug/L	50	55.4	111	80-120	
1,3-Dichlorobenzene	ug/L	50	50.3	101	80-120	
1,4-Dichlorobenzene	ug/L	50	50.4	101	80-120	
Benzene	ug/L	50	55.8	112	81-142	
Bromodichloromethane	ug/L	50	48.8	98	80-120	
Bromoform	ug/L	50	40.9	82	67-122	
Bromomethane	ug/L	50	38.2	76	40-128	
Carbon tetrachloride	ug/L	50	47.0	94	85-133	
Chlorobenzene	ug/L	50	50.2	100	80-120	
Chloroethane	ug/L	50	58.7	117	58-120	
Chloroform	ug/L	50	52.8	106	80-121	
Chloromethane	ug/L	50	55.8	112	40-127	
cis-1,2-Dichloroethene	ug/L	50	52.4	105	83-129	
cis-1,3-Dichloropropene	ug/L	50	50.3	101	80-120	
Dibromochloromethane	ug/L	50	44.5	89	80-120	
Dichlorodifluoromethane	ug/L	50	47.8	96	20-135	
Ethylbenzene	ug/L	50	50.9	102	87-129	
Isopropylbenzene (Cumene)	ug/L	50	50.5	101	82-128	
m&p-Xylene	ug/L	100	100	100	87-130	
Methyl-tert-butyl ether	ug/L	50	53.3	107	66-143	
Methylene Chloride	ug/L	50	53.2	106	73-126	
o-Xylene	ug/L	50	49.9	100	84-130	
Styrene	ug/L	50	50.1	100	82-122	
Tetrachloroethene	ug/L	50	50.9	102	80-120	
Toluene	ug/L	50	50.4	101	82-130	
trans-1,2-Dichloroethene	ug/L	50	53.7	107	75-132	
trans-1,3-Dichloropropene	ug/L	50	47.6	95	71-114	
Trichloroethene	ug/L	50	52.1	104	80-120	
Trichlorofluoromethane	ug/L	50	55.9	112	82-133	
Vinyl chloride	ug/L	50	59.5	119	57-136	
Xylene (Total)	ug/L	150	150	100	86-130	
4-Bromofluorobenzene (S)	%			99	61-118	
Dibromofluoromethane (S)	%			105	67-124	
Toluene-d8 (S)	%			99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1514781 1514782

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40150342019 Result	Spike Conc.	Spike Conc.	MS Result						
1,1,1-Trichloroethane	ug/L	<0.50	50	50	53.1	53.5	106	107	85-134	1	20
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	50.6	51.4	101	103	72-114	1	20
1,1,2-Trichloroethane	ug/L	<0.20	50	50	51.3	51.9	103	104	80-120	1	20

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QUALITY CONTROL DATA

Project: 55929.005 WRR

Pace Project No.: 40150342

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		1514781		1514782								
Parameter	Units	40150342019		MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
1,1-Dichloroethane	ug/L	<0.24	50	50	57.5	58.4	115	117	71-133	1	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	52.9	53.6	106	107	75-136	1	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	48.4	48.9	96	97	74-117	1	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	44.0	46.2	88	92	63-123	5	20	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	49.3	50.3	99	101	80-120	2	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	50.9	51.0	102	102	80-120	0	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	54.4	55.9	109	112	79-131	3	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	56.5	56.7	113	113	80-120	0	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	51.1	51.5	102	103	80-120	1	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	51.0	51.4	102	103	80-120	1	20	
Benzene	ug/L	<0.50	50	50	55.9	57.2	112	114	81-142	2	20	
Bromodichloromethane	ug/L	<0.50	50	50	50.0	50.6	100	101	80-120	1	20	
Bromoform	ug/L	<0.50	50	50	42.6	43.6	85	87	67-122	2	20	
Bromomethane	ug/L	<2.4	50	50	42.5	47.0	85	94	40-129	10	20	
Carbon tetrachloride	ug/L	<0.50	50	50	48.5	49.8	97	100	85-134	3	20	
Chlorobenzene	ug/L	<0.50	50	50	51.1	51.5	102	103	80-120	1	20	
Chloroethane	ug/L	<0.37	50	50	62.1	60.7	124	121	58-120	2	20	M1
Chloroform	ug/L	<2.5	50	50	53.6	54.4	107	109	80-121	1	20	
Chloromethane	ug/L	<0.50	50	50	54.7	56.9	109	114	40-128	4	20	
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	52.9	53.9	106	108	83-129	2	20	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	51.0	51.2	102	102	80-120	0	20	
Dibromochloromethane	ug/L	<0.50	50	50	45.4	46.5	91	93	80-120	2	20	
Dichlorodifluoromethane	ug/L	<0.22	50	50	45.9	46.5	92	93	20-146	1	20	
Ethylbenzene	ug/L	<0.50	50	50	51.8	52.1	104	104	87-129	1	20	
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	51.2	51.5	102	103	80-128	1	20	
m&p-Xylene	ug/L	<1.0	100	100	102	102	102	102	87-130	0	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	53.2	54.8	106	110	66-143	3	20	
Methylene Chloride	ug/L	<0.23	50	50	53.7	54.3	107	109	73-127	1	20	
o-Xylene	ug/L	<0.50	50	50	50.7	51.0	101	102	84-130	1	20	
Styrene	ug/L	<0.50	50	50	50.8	51.2	102	102	80-122	1	20	
Tetrachloroethene	ug/L	<0.50	50	50	51.4	51.0	103	102	80-120	1	20	
Toluene	ug/L	<0.50	50	50	51.6	51.8	103	104	82-131	0	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	54.2	55.4	108	111	75-135	2	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	47.9	48.5	96	97	71-120	1	20	
Trichloroethene	ug/L	<0.33	50	50	53.5	53.5	107	107	80-120	0	20	
Trichlorofluoromethane	ug/L	<0.18	50	50	56.3	56.9	113	114	76-150	1	20	
Vinyl chloride	ug/L	<0.18	50	50	59.7	61.3	119	123	56-143	3	20	
Xylene (Total)	ug/L	<1.5	150	150	153	153	102	102	86-130	0	20	
4-Bromofluorobenzene (S)	%						99	98	61-118			
Dibromofluoromethane (S)	%						105	106	67-124			
Toluene-d8 (S)	%						100	99	80-120			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 55929.005 WRR

Pace Project No.: 40150342

QC Batch: 256587

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV Oxygenates

Associated Lab Samples: 40150342021

METHOD BLANK: 1512198

Matrix: Water

Associated Lab Samples: 40150342021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	05/24/17 08:00	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	05/24/17 08:00	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	05/24/17 08:00	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	05/24/17 08:00	
1,1-Dichloroethane	ug/L	<0.24	1.0	05/24/17 08:00	
1,1-Dichloroethene	ug/L	<0.41	1.0	05/24/17 08:00	
1,1-Dichloropropene	ug/L	<0.44	1.0	05/24/17 08:00	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	05/24/17 08:00	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	05/24/17 08:00	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	05/24/17 08:00	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	05/24/17 08:00	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	05/24/17 08:00	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	05/24/17 08:00	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	05/24/17 08:00	
1,2-Dichloroethane	ug/L	<0.17	1.0	05/24/17 08:00	
1,2-Dichloropropane	ug/L	<0.23	1.0	05/24/17 08:00	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	05/24/17 08:00	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	05/24/17 08:00	
1,3-Dichloropropane	ug/L	<0.50	1.0	05/24/17 08:00	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	05/24/17 08:00	
2,2-Dichloropropane	ug/L	<0.48	1.0	05/24/17 08:00	
2-Butanone (MEK)	ug/L	<3.0	20.0	05/24/17 08:00	
2-Chlorotoluene	ug/L	<0.50	1.0	05/24/17 08:00	
2-Propanol	ug/L	<24.3	250	05/24/17 08:00	
4-Chlorotoluene	ug/L	<0.21	1.0	05/24/17 08:00	
4-Methyl-2-pentanone (MIBK)	ug/L	<2.1	5.0	05/24/17 08:00	
Acetone	ug/L	<3.0	20.0	05/24/17 08:00	
Benzene	ug/L	<0.50	1.0	05/24/17 08:00	
Bromobenzene	ug/L	<0.23	1.0	05/24/17 08:00	
Bromochloromethane	ug/L	<0.34	1.0	05/24/17 08:00	
Bromodichloromethane	ug/L	<0.50	1.0	05/24/17 08:00	
Bromoform	ug/L	<0.50	1.0	05/24/17 08:00	
Bromomethane	ug/L	<2.4	5.0	05/24/17 08:00	
Carbon tetrachloride	ug/L	<0.50	1.0	05/24/17 08:00	
Chlorobenzene	ug/L	<0.50	1.0	05/24/17 08:00	
Chloroethane	ug/L	<0.37	1.0	05/24/17 08:00	
Chloroform	ug/L	<2.5	5.0	05/24/17 08:00	
Chloromethane	ug/L	<0.50	1.0	05/24/17 08:00	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	05/24/17 08:00	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	05/24/17 08:00	
Dibromochloromethane	ug/L	<0.50	1.0	05/24/17 08:00	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 55929.005 WRR

Pace Project No.: 40150342

METHOD BLANK: 1512198

Matrix: Water

Associated Lab Samples: 40150342021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<0.43	1.0	05/24/17 08:00	
Dichlorodifluoromethane	ug/L	<0.22	1.0	05/24/17 08:00	
Diisopropyl ether	ug/L	<0.50	1.0	05/24/17 08:00	
Ethylbenzene	ug/L	<0.50	1.0	05/24/17 08:00	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	05/24/17 08:00	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	05/24/17 08:00	
m&p-Xylene	ug/L	<1.0	2.0	05/24/17 08:00	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	05/24/17 08:00	
Methylene Chloride	ug/L	<0.23	1.0	05/24/17 08:00	
n-Butylbenzene	ug/L	<0.50	1.0	05/24/17 08:00	
n-Propylbenzene	ug/L	<0.50	1.0	05/24/17 08:00	
Naphthalene	ug/L	<2.5	5.0	05/24/17 08:00	
o-Xylene	ug/L	<0.50	1.0	05/24/17 08:00	
p-Isopropyltoluene	ug/L	<0.50	1.0	05/24/17 08:00	
sec-Butylbenzene	ug/L	<2.2	5.0	05/24/17 08:00	
Styrene	ug/L	<0.50	1.0	05/24/17 08:00	
tert-Butylbenzene	ug/L	<0.18	1.0	05/24/17 08:00	
Tetrachloroethene	ug/L	<0.50	1.0	05/24/17 08:00	
Toluene	ug/L	<0.50	1.0	05/24/17 08:00	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	05/24/17 08:00	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	05/24/17 08:00	
Trichloroethene	ug/L	<0.33	1.0	05/24/17 08:00	
Trichlorofluoromethane	ug/L	<0.18	1.0	05/24/17 08:00	
Vinyl chloride	ug/L	<0.18	1.0	05/24/17 08:00	
Xylene (Total)	ug/L	<1.5	3.0	05/24/17 08:00	
4-Bromofluorobenzene (S)	%	95	61-118	05/24/17 08:00	
Dibromofluoromethane (S)	%	99	67-124	05/24/17 08:00	
Toluene-d8 (S)	%	102	80-120	05/24/17 08:00	

LABORATORY CONTROL SAMPLE & LCSD: 1512199

1512200

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.0	46.4	94	93	70-130	1	20	
1,1,1-Trichloroethane	ug/L	50	49.8	48.2	100	96	85-130	3	20	
1,1,2,2-Tetrachloroethane	ug/L	50	48.7	49.5	97	99	72-114	2	20	
1,1,2-Trichloroethane	ug/L	50	47.2	45.0	94	90	80-120	5	20	
1,1-Dichloroethane	ug/L	50	52.2	53.0	104	106	71-132	1	20	
1,1-Dichloroethene	ug/L	50	54.6	53.9	109	108	75-130	1	20	
1,1-Dichloropropene	ug/L	50	45.5	46.0	91	92	70-130	1	20	
1,2,3-Trichlorobenzene	ug/L	50	49.5	52.8	99	106	70-130	7	20	
1,2,3-Trichloropropane	ug/L	50	47.8	46.9	96	94	70-130	2	20	
1,2,4-Trichlorobenzene	ug/L	50	50.4	52.6	101	105	74-117	4	20	
1,2,4-Trimethylbenzene	ug/L	50	47.4	48.9	95	98	70-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	50	47.0	47.3	94	95	63-121	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 55929.005 WRR

Pace Project No.: 40150342

LABORATORY CONTROL SAMPLE & LCSD:		1512199	1512200		LCS	LCSD	% Rec		Max	
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	% Rec	% Rec	% Rec Limits	RPD	RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	48.3	46.0	97	92	80-120	5	20	
1,2-Dichlorobenzene	ug/L	50	48.7	48.9	97	98	80-120	0	20	
1,2-Dichloroethane	ug/L	50	50.4	51.6	101	103	79-131	2	20	
1,2-Dichloropropane	ug/L	50	49.9	51.2	100	102	80-120	2	20	
1,3,5-Trimethylbenzene	ug/L	50	47.9	48.6	96	97	70-130	1	20	
1,3-Dichlorobenzene	ug/L	50	47.3	48.8	95	98	80-120	3	20	
1,3-Dichloropropane	ug/L	50	50.5	48.0	101	96	70-130	5	20	
1,4-Dichlorobenzene	ug/L	50	51.0	50.6	102	101	80-120	1	20	
2,2-Dichloropropane	ug/L	50	60.8	55.7	122	111	70-130	9	20	
2-Butanone (MEK)	ug/L	50	61.7	82.3	123	165	50-150	29	20	L1,R1
2-Chlorotoluene	ug/L	50	47.4	45.4	95	91	70-130	4	20	
2-Propanol	ug/L	500	611	556	122	111	50-150	9	20	
4-Chlorotoluene	ug/L	50	47.9	47.3	96	95	70-130	1	20	
4-Methyl-2-pentanone (MIBK)	ug/L	50	56.3	53.8	113	108	50-150	5	20	
Acetone	ug/L	50	60.2	66.1	120	132	50-150	9	20	
Benzene	ug/L	50	45.6	46.8	91	94	81-142	2	20	
Bromobenzene	ug/L	50	47.3	47.6	95	95	70-130	1	20	
Bromochloromethane	ug/L	50	42.2	45.3	84	91	70-130	7	20	
Bromodichloromethane	ug/L	50	48.3	49.6	97	99	80-120	3	20	
Bromoform	ug/L	50	50.0	47.5	100	95	67-122	5	20	
Bromomethane	ug/L	50	56.6	48.3	113	97	40-128	16	20	
Carbon tetrachloride	ug/L	50	42.4	44.9	85	90	85-133	6	20	
Chlorobenzene	ug/L	50	49.0	45.9	98	92	80-120	6	20	
Chloroethane	ug/L	50	48.0	46.3	96	93	58-120	4	20	
Chloroform	ug/L	50	50.1	49.5	100	99	80-121	1	20	
Chloromethane	ug/L	50	46.1	48.7	92	97	40-127	5	20	
cis-1,2-Dichloroethene	ug/L	50	49.1	52.2	98	104	83-129	6	20	
cis-1,3-Dichloropropene	ug/L	50	50.3	49.5	101	99	80-120	1	20	
Dibromochloromethane	ug/L	50	46.1	44.6	92	89	80-120	3	20	
Dibromomethane	ug/L	50	49.5	47.1	99	94	70-130	5	20	
Dichlorodifluoromethane	ug/L	50	39.8	39.5	80	79	20-135	1	20	
Diisopropyl ether	ug/L	50	55.0	54.9	110	110	70-130	0	20	
Ethylbenzene	ug/L	50	49.7	48.3	99	97	87-129	3	20	
Hexachloro-1,3-butadiene	ug/L	50	53.0	53.7	106	107	70-130	1	20	
Isopropylbenzene (Cumene)	ug/L	50	48.5	45.4	97	91	82-128	6	20	
m&p-Xylene	ug/L	100	102	97.8	102	98	87-130	5	20	
Methyl-tert-butyl ether	ug/L	50	56.1	57.3	112	115	66-143	2	20	
Methylene Chloride	ug/L	50	48.2	49.4	96	99	73-126	2	20	
n-Butylbenzene	ug/L	50	51.0	50.6	102	101	70-130	1	20	
n-Propylbenzene	ug/L	50	46.7	51.0	93	102	70-130	9	20	
Naphthalene	ug/L	50	46.7	50.2	93	100	70-130	7	20	
o-Xylene	ug/L	50	50.6	48.1	101	96	84-130	5	20	
p-Isopropyltoluene	ug/L	50	49.2	51.1	98	102	70-130	4	20	
sec-Butylbenzene	ug/L	50	45.7	48.6	91	97	70-130	6	20	
Styrene	ug/L	50	49.6	47.7	99	95	82-122	4	20	
tert-Butylbenzene	ug/L	50	45.5	46.1	91	92	70-130	1	20	
Tetrachloroethene	ug/L	50	45.9	46.7	92	93	80-120	2	20	

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QUALITY CONTROL DATA

Project: 55929.005 WRR

Pace Project No.: 40150342

LABORATORY CONTROL SAMPLE & LCSD:		1512199		1512200							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
Toluene	ug/L	50	48.2	46.8	96	94	82-130	3	20		
trans-1,2-Dichloroethene	ug/L	50	53.0	52.6	106	105	75-132	1	20		
trans-1,3-Dichloropropene	ug/L	50	54.8	52.1	110	104	71-114	5	20		
Trichloroethene	ug/L	50	49.0	49.9	98	100	80-120	2	20		
Trichlorofluoromethane	ug/L	50	55.9	54.5	112	109	82-133	3	20		
Vinyl chloride	ug/L	50	52.0	47.5	104	95	57-136	9	20		
Xylene (Total)	ug/L	150	153	146	102	97	86-130	5	20		
4-Bromofluorobenzene (S)	%				105	99	61-118				
Dibromofluoromethane (S)	%				99	100	67-124				
Toluene-d8 (S)	%				102	98	80-120				

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		1512201		1512202							
Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40150306025 Result	Spike Conc.	Spike Conc.	MS Result						
1,1,1-Trichloroethane	ug/L	<0.50	50	50	63.3	58.1	127	116	85-134	9	20
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	52.4	50.3	105	101	72-114	4	20
1,1,2-Trichloroethane	ug/L	<0.20	50	50	54.2	51.1	108	102	80-120	6	20
1,1-Dichloroethane	ug/L	<0.24	50	50	67.6	66.5	135	133	71-133	2	20 M1
1,1-Dichloroethene	ug/L	<0.41	50	50	73.3	66.2	147	132	75-136	10	20 M1
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	53.6	50.0	107	100	74-117	7	20
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	50.3	47.8	101	96	63-123	5	20
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	52.9	52.9	106	106	80-120	0	20
1,2-Dichlorobenzene	ug/L	<0.50	50	50	55.7	48.8	111	98	80-120	13	20
1,2-Dichloroethane	ug/L	<0.17	50	50	59.8	59.2	120	118	79-131	1	20
1,2-Dichloropropane	ug/L	<0.23	50	50	58.4	56.9	117	114	80-120	3	20
1,3-Dichlorobenzene	ug/L	<0.50	50	50	57.2	52.0	114	104	80-120	10	20
1,4-Dichlorobenzene	ug/L	<0.50	50	50	57.1	52.1	114	104	80-120	9	20
Benzene	ug/L	<0.50	50	50	54.7	55.4	109	111	81-142	1	20
Bromodichloromethane	ug/L	<0.50	50	50	55.9	53.5	112	107	80-120	4	20
Bromoform	ug/L	<0.50	50	50	51.2	51.5	102	103	67-122	0	20
Bromomethane	ug/L	<2.4	50	50	84.3	75.7	169	151	40-129	11	20 M1
Carbon tetrachloride	ug/L	<0.50	50	50	60.6	57.2	121	114	85-134	6	20
Chlorobenzene	ug/L	<0.50	50	50	55.3	54.6	111	109	80-120	1	20
Chloroethane	ug/L	<0.37	50	50	82.6	74.6	165	149	58-120	10	20 M1
Chloroform	ug/L	<2.5	50	50	51.7	55.9	103	112	80-121	8	20
Chloromethane	ug/L	<0.50	50	50	67.3	55.2	135	110	40-128	20	20 M1
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	65.1	62.0	130	124	83-129	5	20 M1
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	60.0	56.6	120	113	80-120	6	20
Dibromochloromethane	ug/L	<0.50	50	50	54.5	51.6	109	103	80-120	5	20
Dichlorodifluoromethane	ug/L	<0.22	50	50	62.7	56.6	125	113	20-146	10	20
Ethylbenzene	ug/L	<0.50	50	50	58.5	55.6	117	111	87-129	5	20
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	61.2	56.4	122	113	80-128	8	20
m&p-Xylene	ug/L	<1.0	100	100	122	109	122	109	87-130	11	20

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 55929.005 WRR

Pace Project No.: 40150342

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1512201		1512202		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40150306025 Result	MS Spike Conc.	MSD Spike Conc.									
Methyl-tert-butyl ether	ug/L	<0.17	50	50	70.7	66.3	141	133	66-143	6	20		
Methylene Chloride	ug/L	<0.23	50	50	71.7	68.8	143	138	73-127	4	20	M1	
o-Xylene	ug/L	<0.50	50	50	57.2	53.7	114	107	84-130	6	20		
Styrene	ug/L	<0.50	50	50	60.0	56.3	120	113	80-122	6	20		
Tetrachloroethene	ug/L	<0.50	50	50	58.1	53.3	116	107	80-120	9	20		
Toluene	ug/L	0.83J	50	50	58.4	54.4	115	107	82-131	7	20		
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	71.9	67.5	144	135	75-135	6	20	M1	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	58.9	55.4	118	111	71-120	6	20		
Trichloroethene	ug/L	<0.33	50	50	63.7	58.3	127	117	80-120	9	20	M1	
Trichlorofluoromethane	ug/L	<0.18	50	50	80.9	76.0	162	152	76-150	6	20	M1	
Vinyl chloride	ug/L	<0.18	50	50	81.5	73.4	163	147	56-143	10	20	M1	
Xylene (Total)	ug/L	<1.5	150	150	179	163	119	109	86-130	9	20		
4-Bromofluorobenzene (S)	%						101	101	61-118				
Dibromofluoromethane (S)	%						100	98	67-124				
Toluene-d8 (S)	%						97	99	80-120				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 55929.005 WRR
Pace Project No.: 40150342

QC Batch: 257467 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 40150342014, 40150342015

METHOD BLANK: 1517010 Matrix: Water
Associated Lab Samples: 40150342014, 40150342015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<1.0	3.0	06/02/17 16:13	

LABORATORY CONTROL SAMPLE: 1517011

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	21.3	106	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1517012 1517013

Parameter	Units	40150258001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits		
Sulfate	mg/L	69.4	100	100	167	164	97	94	90-110	2	15

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1517014 1517015

Parameter	Units	40150267007 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits		
Sulfate	mg/L	356	400	400	796	793	110	109	90-110	0	15

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 55929.005 WRR
Pace Project No.: 40150342

QC Batch: 256594 Analysis Method: EPA 310.2
QC Batch Method: EPA 310.2 Analysis Description: 310.2 Alkalinity
Associated Lab Samples: 40150342014, 40150342015

METHOD BLANK: 1512233 Matrix: Water
Associated Lab Samples: 40150342014, 40150342015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.0	23.5	05/24/17 11:24	

LABORATORY CONTROL SAMPLE: 1512234

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	95.0	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1512235 1512236

Parameter	Units	40150381004 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.								
Alkalinity, Total as CaCO3	mg/L	354	200	200	556	559	101	102	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1512237 1512238

Parameter	Units	40150412003 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.								
Alkalinity, Total as CaCO3	mg/L	330	200	200	532	526	101	98	90-110	1	20	

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QUALITY CONTROL DATA

Project: 55929.005 WRR
Pace Project No.: 40150342

QC Batch: 257261 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, preserved
Associated Lab Samples: 40150342014, 40150342015

METHOD BLANK: 1515906 Matrix: Water
Associated Lab Samples: 40150342014, 40150342015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.095	0.25	06/01/17 06:29	

LABORATORY CONTROL SAMPLE: 1515907

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: 1515908 1515909

Parameter	Units	40150401013		1515908		1515909		% Rec Limits	RPD	Max RPD	Qual	
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.					
Nitrogen, NO2 plus NO3	mg/L	<0.095	2.5	2.5	2.3	2.3	91	91	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1515910 1515911

Parameter	Units	40150413003		1515910		1515911		% Rec Limits	RPD	Max RPD	Qual	
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.					
Nitrogen, NO2 plus NO3	mg/L	<0.25	2.5	2.5	2.5	2.5	94	95	90-110	1	20	

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QUALITY CONTROL DATA

Project: 55929.005 WRR

Pace Project No.: 40150342

QC Batch: 256731

Analysis Method: SM 5310C

QC Batch Method: SM 5310C

Analysis Description: 5310C Total Organic Carbon

Associated Lab Samples: 40150342014, 40150342015

METHOD BLANK: 1513147

Matrix: Water

Associated Lab Samples: 40150342014, 40150342015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.25	0.84	05/26/17 16:03	

LABORATORY CONTROL SAMPLE: 1513148

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	2.5	2.5	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1513149 1513150

Parameter	Units	40150107003 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.								
Total Organic Carbon	mg/L	<0.25	1	1	0.57J	0.54J	37	33	80-120		10	M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1513151 1513152

Parameter	Units	40150342015 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.								
Total Organic Carbon	mg/L	15.1	10	10	26.0	26.4	109	113	80-120	1	10	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 55929.005 WRR

Pace Project No.: 40150342

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.

ANALYTE QUALIFIERS

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

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

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 55929.005 WRR

Pace Project No.: 40150342

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40150342014	W-32	EPA 3010	256418	EPA 6010	256497
40150342015	W-33	EPA 3010	256418	EPA 6010	256497
40150342001	W-1	EPA 8260	256301		
40150342002	W-1A	EPA 8260	256301		
40150342003	W-1D	EPA 8260	256301		
40150342004	W-2	EPA 8260	256301		
40150342005	W-2A	EPA 8260	256301		
40150342006	W-2B	EPA 8260	256301		
40150342007	W-5	EPA 8260	256301		
40150342008	W-7A	EPA 8260	256301		
40150342009	W-7A DUP	EPA 8260	256301		
40150342010	W-17	EPA 8260	256301		
40150342011	W-31A	EPA 8260	256301		
40150342012	W-31B	EPA 8260	256301		
40150342013	W-31B DUP	EPA 8260	256301		
40150342014	W-32	EPA 8260	256301		
40150342015	W-33	EPA 8260	256301		
40150342016	W-33 DUP	EPA 8260	256301		
40150342017	TW-1	EPA 8260	256301		
40150342018	TRIP BLANK	EPA 8260	256301		
40150342021	W-6	EPA 8260	256587		
40150342014	W-32	EPA 300.0	257467		
40150342015	W-33	EPA 300.0	257467		
40150342014	W-32	EPA 310.2	256594		
40150342015	W-33	EPA 310.2	256594		
40150342014	W-32	EPA 353.2	257261		
40150342015	W-33	EPA 353.2	257261		
40150342014	W-32	SM 5310C	256731		
40150342015	W-33	SM 5310C	256731		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: Gannett Fleming
 Branch/Location: Madison, WI
 Project Contact: Anthony Miller
 Phone: 608-836-1500
 Project Number: 55929.005
 Project Name: WRR
 Project State: WI
 Sampled By (Print): Chelsea Payne
 Sampled By (Sign): Chelsea Payne
 PO #: _____ Regulatory Program: _____



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

Page 2 of 2

40150342

CHAIN OF CUSTODY

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

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

Y/N	N	N	N	N	Y						
Pick Letter	B	A	C	C	D						
Analyses Requested	VOCs	Alkalinity & Sulfate	Nitrate (353.2)	Total Organic Carbon (SM 5310C)	Dissolved Fe & Mn						

Quote #: _____
Mail To Contact: Anthony Miller
Mail To Company: Gannett Fleming
Mail To Address: 8025 Excelsior Rd. Madison, WI 53717
Invoice To Contact: See mail
Invoice To Company: to
Invoice To Address: _____
Invoice To Phone: 608-836-1500
CLIENT COMMENTS: _____
LAB COMMENTS (Lab Use Only): _____
Profile #: _____

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Y/N	B	A	C	C	D	1-125ml bag	3-40ml B	3-250ml pACD
		DATE	TIME										
014	W.32	5/18/17	13:00	GW	X	X				X			
015	W.33		10:40			X				X			
016	W.33 dup		10:50										
017	TW.1		15:10										
018	Trip Blank												
019	PW.16	5/17/17	17:40										
020	PW.11		17:20		X								
	██████████	██████████	██████████		X								
021	W.6 AP		15:45		X								

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

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

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

Relinquished By: Chelsea Payne Date/Time: 5/19/17 10:00
 Relinquished By: FedEx Date/Time: 5/20/17 0945
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____

Received By: _____ Date/Time: _____
 Received By: CPAE Date/Time: 5/20/17
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

PACE Project No.
40150342

Receipt Temp = FCI °C

Sample Receipt pH
 OK / Adjusted

Cooler Custody Seal
 Present / Not Present
 Intact / Not Intact



Sample Condition Upon Receipt

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

Project #: WO#: 40150342

Client Name: Grannett Fleming

Courier: Fed Ex UPS Client Pace Other: CS Logistics
Tracking #: 124.051917



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 NA Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: /Corr: R01 Biological Tissue is Frozen: yes

Temp Blank Present: yes no

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

Person examining contents:
Date: 5/20/17
Initials: KJ

Comments:

Table with 15 rows of inspection criteria and checkboxes. Includes items like Chain of Custody Present, Short Hold Time Analysis, and Headspace in Vials.

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

Person Contacted: Date/Time:
Comments/ Resolution:

Project Manager Review: AL for DM Date: 5/20/17

Landfill Name: 55929.005 WRR

Pace Analytical Services, Inc.

License Number: 04234

DNR Exceedance Summary

Report Period: 170501

Smp Date	SPN	PCN	RV	Units	Type	Location	Lab Number	Sample ID	MSI	Parameter	PAL	ES
5/18/2017	100	39180	6.2	ug/L	ES		150342001	W-1	01	Trichloroethene	0.5	5
5/18/2017	103	77093	28.2	ug/L	PAL		150342002	W-1A	01	cis-1,2-Dichloroethene	7	70
5/18/2017	103	39175	48.2	ug/L	ES		150342002	W-1A	01	Vinyl chloride	0.02	0.2
5/18/2017	109	34423	J 0.56	ug/L	PAL		150342003	W-1D	01	Methylene Chloride	0.5	5
5/18/2017	109	39175	4.5	ug/L	ES		150342003	W-1D	01	Vinyl chloride	0.02	0.2
5/18/2017	112	34475	12.3	ug/L	ES		150342004	W-2	01	Tetrachloroethene	0.5	5
5/18/2017	112	39180	J 0.8	ug/L	PAL		150342004	W-2	01	Trichloroethene	0.5	5
5/18/2017	115	34475	J 0.94	ug/L	PAL		150342005	W-2A	01	Tetrachloroethene	0.5	5
5/18/2017	115	39180	J 0.54	ug/L	PAL		150342005	W-2A	01	Trichloroethene	0.5	5
5/18/2017	118	77093	36.4	ug/L	PAL		150342006	W-2B	01	cis-1,2-Dichloroethene	7	70
5/18/2017	118	34475	3.5	ug/L	PAL		150342006	W-2B	01	Tetrachloroethene	0.5	5
5/18/2017	118	39180	2.6	ug/L	PAL		150342006	W-2B	01	Trichloroethene	0.5	5
5/18/2017	118	39175	J 0.18	ug/L	PAL		150342006	W-2B	01	Vinyl chloride	0.02	0.2
5/17/2017	136	34496	538	ug/L	PAL		150342021	W-6	01	1,1-Dichloroethane	85	850
5/17/2017	136	34311	106	ug/L	PAL		150342021	W-6	01	Chloroethane	80	400
5/17/2017	136	77093	1500	ug/L	ES		150342021	W-6	01	cis-1,2-Dichloroethene	7	70
5/17/2017	136	78113	279	ug/L	PAL		150342021	W-6	01	Ethylbenzene	140	700
5/17/2017	136	39175	509	ug/L	ES		150342021	W-6	01	Vinyl chloride	0.02	0.2
5/17/2017	139	34475	6.4	ug/L	ES		150300002	W-7	01	Tetrachloroethene	0.5	5
5/18/2017	142	34475	20.9	ug/L	ES		150342009	W-7A	02	Tetrachloroethene	0.5	5
5/18/2017	142	34475	22.9	ug/L	ES		150342008	W-7A	01	Tetrachloroethene	0.5	5
5/16/2017	172	34496	92.7	ug/L	PAL		150306001	W-17A	01	1,1-Dichloroethane	85	850
5/16/2017	172	34496	130	ug/L	PAL		150306002	W-17A	02	1,1-Dichloroethane	85	850

Exceedance type: PAL-Preventive Action Limit; ES-Enforcement Standard; *-EnforcementStandard Within DMZ; ACL-Alternative Concentration Limit.
 MSI: 01-Sample; 02-Sample Duplicate; 03-SampleTripligate; 09-Non-field Lab Replicate
 < qualifier indicates reported value (RV) was not detected at or above the MDL.

Landfill Name: 55929.005 WRR

Pace Analytical Services, Inc.

License Number: 04234

DNR Exceedance Summary

Report Period: 170501

Smp Date	SPN	PCN	RV	Units	Type	Location	Lab Number	Sample ID	MSI	Parameter	PAL	ES
5/16/2017	172	32103	17.4	ug/L	ES		150306001	W-17A	01	1,2-Dichloroethane	0.5	5
5/16/2017	172	32103	27.1	ug/L	ES		150306002	W-17A	02	1,2-Dichloroethane	0.5	5
5/16/2017	172	34541	J 6	ug/L	ES		150306002	W-17A	02	1,2-Dichloropropane	0.5	5
5/16/2017	172	78133	95	ug/L	PAL		150306002	W-17A	02	4-Methyl-2-pentanone (MIBK)	50	500
5/16/2017	172	78133	63.7	ug/L	PAL		150306001	W-17A	01	4-Methyl-2-pentanone (MIBK)	50	500
5/16/2017	172	34030	J 9.5	ug/L	ES		150306002	W-17A	02	Benzene	0.5	5
5/16/2017	172	34030	J 9.8	ug/L	ES		150306001	W-17A	01	Benzene	0.5	5
5/16/2017	172	34311	1060	ug/L	ES		150306002	W-17A	02	Chloroethane	80	400
5/16/2017	172	34311	1050	ug/L	ES		150306001	W-17A	01	Chloroethane	80	400
5/16/2017	172	34010	621	ug/L	PAL		150306002	W-17A	02	Toluene	160	800
5/16/2017	172	34010	482	ug/L	PAL		150306001	W-17A	01	Toluene	160	800
5/16/2017	172	34546	42.4	ug/L	PAL		150306001	W-17A	01	trans-1,2-Dichloroethene	20	100
5/16/2017	172	34546	45.3	ug/L	PAL		150306002	W-17A	02	trans-1,2-Dichloroethene	20	100
5/16/2017	172	39175	J 5.3	ug/L	ES		150306001	W-17A	01	Vinyl chloride	0.02	0.2
5/16/2017	172	39175	J 5.6	ug/L	ES		150306002	W-17A	02	Vinyl chloride	0.02	0.2
5/16/2017	175	39180	J 0.98	ug/L	PAL		150306003	W-17B	01	Trichloroethene	0.5	5
5/16/2017	175	39175	J 0.22	ug/L	ES		150306003	W-17B	01	Vinyl chloride	0.02	0.2
5/16/2017	181	32103	1.4	ug/L	PAL		150306005	W-18A	01	1,2-Dichloroethane	0.5	5
5/16/2017	181	34541	J 0.59	ug/L	PAL		150306005	W-18A	01	1,2-Dichloropropane	0.5	5
5/16/2017	181	34030	2.4	ug/L	PAL		150306005	W-18A	01	Benzene	0.5	5
5/16/2017	181	34423	1.8	ug/L	PAL		150306005	W-18A	01	Methylene Chloride	0.5	5
5/16/2017	181	39175	1.6	ug/L	ES		150306005	W-18A	01	Vinyl chloride	0.02	0.2
5/16/2017	185	32103	J 75.4	ug/L	ES		150306007	W-19R	02	1,2-Dichloroethane	0.5	5

Exceedance type: PAL-Preventive Action Limit; ES-Enforcement Standard; *-EnforcementStandard Within DMZ; ACL-Alternative Concentration Limit.
 MSI: 01-Sample; 02-Sample Duplicate; 03-SampleTripligate; 09-Non-field Lab Replicate
 < qualifier indicates reported value (RV) was not detected at or above the MDL.

Smp Date	SPN	PCN	RV	Units	Type	Location	Lab Number	Sample ID	MSI	Parameter	PAL	ES
5/16/2017	185	32103	J 74.6	ug/L	ES		150306006	W-19R	01	1,2-Dichloroethane	0.5	5
5/16/2017	185	78133	J 461	ug/L	PAL		150306007	W-19R	02	4-Methyl-2-pentanone (MIBK)	50	500
5/16/2017	185	78133	J 366	ug/L	PAL		150306006	W-19R	01	4-Methyl-2-pentanone (MIBK)	50	500
5/16/2017	185	34030	105	ug/L	ES		150306007	W-19R	02	Benzene	0.5	5
5/16/2017	185	34030	101	ug/L	ES		150306006	W-19R	01	Benzene	0.5	5
5/16/2017	185	34311	564	ug/L	ES		150306007	W-19R	02	Chloroethane	80	400
5/16/2017	185	34311	533	ug/L	ES		150306006	W-19R	01	Chloroethane	80	400
5/16/2017	185	78113	486	ug/L	PAL		150306007	W-19R	02	Ethylbenzene	140	700
5/16/2017	185	78113	497	ug/L	PAL		150306006	W-19R	01	Ethylbenzene	140	700
5/16/2017	185	34010	22500	ug/L	ES		150306006	W-19R	01	Toluene	160	800
5/16/2017	185	34010	23000	ug/L	ES		150306007	W-19R	02	Toluene	160	800
5/16/2017	185	81551	1050	ug/L	PAL		150306007	W-19R	02	Xylene (Total)	400	2000
5/16/2017	185	81551	1060	ug/L	PAL		150306006	W-19R	01	Xylene (Total)	400	2000
5/17/2017	187	34475	J 0.85	ug/L	PAL		150300003	W-20	01	Tetrachloroethene	0.5	5
5/17/2017	187	39180	5	ug/L	ES		150300003	W-20	01	Trichloroethene	0.5	5
5/17/2017	187	39175	2.8	ug/L	ES		150300003	W-20	01	Vinyl chloride	0.02	0.2
5/16/2017	193	34501	J 0.82	ug/L	PAL		150306008	W-22	01	1,1-Dichloroethene	0.7	7
5/16/2017	193	32103	J 0.58	ug/L	PAL		150306008	W-22	01	1,2-Dichloroethane	0.5	5
5/16/2017	193	34541	J 0.61	ug/L	PAL		150306008	W-22	01	1,2-Dichloropropane	0.5	5
5/16/2017	193	34030	J 0.7	ug/L	PAL		150306008	W-22	01	Benzene	0.5	5
5/16/2017	193	77093	35.7	ug/L	PAL		150306008	W-22	01	cis-1,2-Dichloroethene	7	70
5/16/2017	193	34423	2.8	ug/L	PAL		150306008	W-22	01	Methylene Chloride	0.5	5
5/16/2017	193	34475	J 0.52	ug/L	PAL		150306008	W-22	01	Tetrachloroethene	0.5	5

Exceedance type: PAL-Preventive Action Limit; ES-Enforcement Standard; *-EnforcementStandard Within DMZ; ACL-Alternative Concentration Limit.
 MSI: 01-Sample; 02-Sample Duplicate; 03-SampleTripligate; 09-Non-field Lab Replicate
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Smp Date	SPN	PCN	RV	Units	Type	Location	Lab Number	Sample ID	MSI	Parameter	PAL	ES
5/16/2017	193	34010	191	ug/L	PAL		150306008	W-22	01	Toluene	160	800
5/16/2017	193	39180	3.3	ug/L	PAL		150306008	W-22	01	Trichloroethene	0.5	5
5/16/2017	193	39175	15.7	ug/L	ES		150306008	W-22	01	Vinyl chloride	0.02	0.2
5/16/2017	205	77093	8	ug/L	PAL		150306009	W-26	01	cis-1,2-Dichloroethene	7	70
5/16/2017	205	39180	39.7	ug/L	ES		150306009	W-26	01	Trichloroethene	0.5	5
5/16/2017	205	39175	1.4	ug/L	ES		150306009	W-26	01	Vinyl chloride	0.02	0.2
5/16/2017	208	39180	2.7	ug/L	PAL		150306010	W-27	01	Trichloroethene	0.5	5
5/16/2017	208	39175	J 0.85	ug/L	ES		150306010	W-27	01	Vinyl chloride	0.02	0.2
5/18/2017	223	32103	J 340	ug/L	ES		150342011	W-31A	01	1,2-Dichloroethane	0.5	5
5/18/2017	223	81595	44600	ug/L	ES		150342011	W-31A	01	2-Butanone (MEK)	800	4000
5/18/2017	223	78133	16900	ug/L	ES		150342011	W-31A	01	4-Methyl-2-pentanone (MIBK)	50	500
5/18/2017	223	81552	170000	ug/L	ES		150342011	W-31A	01	Acetone	1800	9000
5/18/2017	223	34311	2320	ug/L	ES		150342011	W-31A	01	Chloroethane	80	400
5/18/2017	223	78113	1680	ug/L	ES		150342011	W-31A	01	Ethylbenzene	140	700
5/18/2017	223	34423	J 537	ug/L	ES		150342011	W-31A	01	Methylene Chloride	0.5	5
5/18/2017	223	34010	37400	ug/L	ES		150342011	W-31A	01	Toluene	160	800
5/18/2017	223	81551	6180	ug/L	ES		150342011	W-31A	01	Xylene (Total)	400	2000
5/18/2017	226	32103	J 1.4	ug/L	PAL		150342012	W-31B	01	1,2-Dichloroethane	0.5	5
5/18/2017	226	34423	J 1.8	ug/L	PAL		150342012	W-31B	01	Methylene Chloride	0.5	5
5/18/2017	226	34475	17	ug/L	ES		150342012	W-31B	01	Tetrachloroethene	0.5	5
5/18/2017	226	34475	2.3	ug/L	PAL		150342013	W-31B	02	Tetrachloroethene	0.5	5
5/18/2017	226	34010	560	ug/L	PAL		150342012	W-31B	01	Toluene	160	800
5/18/2017	226	39180	16.5	ug/L	ES		150342012	W-31B	01	Trichloroethene	0.5	5

Exceedance type: PAL-Preventive Action Limit; ES-Enforcement Standard; *-EnforcementStandard Within DMZ; ACL-Alternative Concentration Limit.
 MSI: 01-Sample; 02-Sample Duplicate; 03-SampleTripligate; 09-Non-field Lab Replicate
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Smp Date	SPN	PCN	RV	Units	Type	Location	Lab Number	Sample ID	MSI	Parameter	PAL	ES
5/18/2017	226	39180	1.4	ug/L	PAL		150342013	W-31B	02	Trichloroethene	0.5	5
5/18/2017	228	34506	7780	ug/L	ES		150342014	W-32	01	1,1,1-Trichloroethane	40	200
5/18/2017	228	34511	J 21.1	ug/L	ES		150342014	W-32	01	1,1,2-Trichloroethane	0.5	5
5/18/2017	228	34496	127	ug/L	PAL		150342014	W-32	01	1,1-Dichloroethane	85	850
5/18/2017	228	34501	359	ug/L	ES		150342014	W-32	01	1,1-Dichloroethene	0.7	7
5/18/2017	228	77093	366	ug/L	ES		150342014	W-32	01	cis-1,2-Dichloroethene	7	70
5/18/2017	228	01056	363	ug/L	ES		150342014	W-32	01	Manganese, Dissolved	25	50
5/18/2017	228	34475	4380	ug/L	ES		150342014	W-32	01	Tetrachloroethene	0.5	5
5/18/2017	228	39180	6480	ug/L	ES		150342014	W-32	01	Trichloroethene	0.5	5
5/18/2017	233	34506	4330	ug/L	ES		150342015	W-33	01	1,1,1-Trichloroethane	40	200
5/18/2017	233	34506	4910	ug/L	ES		150342016	W-33	02	1,1,1-Trichloroethane	40	200
5/18/2017	233	34511	J 34.8	ug/L	ES		150342015	W-33	01	1,1,2-Trichloroethane	0.5	5
5/18/2017	233	34511	J 29.1	ug/L	ES		150342016	W-33	02	1,1,2-Trichloroethane	0.5	5
5/18/2017	233	34496	3310	ug/L	ES		150342016	W-33	02	1,1-Dichloroethane	85	850
5/18/2017	233	34496	3110	ug/L	ES		150342015	W-33	01	1,1-Dichloroethane	85	850
5/18/2017	233	34501	J 78.2	ug/L	ES		150342015	W-33	01	1,1-Dichloroethene	0.7	7
5/18/2017	233	34501	J 95.9	ug/L	ES		150342016	W-33	02	1,1-Dichloroethene	0.7	7
5/18/2017	233	32103	J 21.3	ug/L	ES		150342015	W-33	01	1,2-Dichloroethane	0.5	5
5/18/2017	233	34311	180	ug/L	PAL		150342015	W-33	01	Chloroethane	80	400
5/18/2017	233	34311	212	ug/L	PAL		150342016	W-33	02	Chloroethane	80	400
5/18/2017	233	77093	9650	ug/L	ES		150342016	W-33	02	cis-1,2-Dichloroethene	7	70
5/18/2017	233	77093	8800	ug/L	ES		150342015	W-33	01	cis-1,2-Dichloroethene	7	70
5/18/2017	233	01046	24500	ug/L	ES		150342015	W-33	01	Iron, Dissolved	150	300

Exceedance type: PAL-Preventive Action Limit; ES-Enforcement Standard; *-EnforcementStandard Within DMZ; ACL-Alternative Concentration Limit.
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Landfill Name: 55929.005 WRR

Pace Analytical Services, Inc.

License Number: 04234

DNR Exceedance Summary

Report Period: 170501

Smp Date	SPN	PCN	RV	Units	Type	Location	Lab Number	Sample ID	MSI	Parameter	PAL	ES
5/18/2017	233	01056	1180	ug/L	ES		150342015	W-33	01	Manganese, Dissolved	25	50
5/18/2017	233	34423	J 52.9	ug/L	ES		150342015	W-33	01	Methylene Chloride	0.5	5
5/18/2017	233	34423	J 60.7	ug/L	ES		150342016	W-33	02	Methylene Chloride	0.5	5
5/18/2017	233	34475	214	ug/L	ES		150342015	W-33	01	Tetrachloroethene	0.5	5
5/18/2017	233	34475	210	ug/L	ES		150342016	W-33	02	Tetrachloroethene	0.5	5
5/18/2017	233	34546	J 39.6	ug/L	PAL		150342015	W-33	01	trans-1,2-Dichloroethene	20	100
5/18/2017	233	34546	J 43.2	ug/L	PAL		150342016	W-33	02	trans-1,2-Dichloroethene	20	100
5/18/2017	233	39180	215	ug/L	ES		150342015	W-33	01	Trichloroethene	0.5	5
5/18/2017	233	39180	199	ug/L	ES		150342016	W-33	02	Trichloroethene	0.5	5
5/18/2017	233	39175	J 96.2	ug/L	ES		150342016	W-33	02	Vinyl chloride	0.02	0.2
5/18/2017	233	39175	J 88.9	ug/L	ES		150342015	W-33	01	Vinyl chloride	0.02	0.2
5/16/2017	360	32103	67.7	ug/L	ES		150306018	MW-111A	01	1,2-Dichloroethane	0.5	5
5/16/2017	360	34541	8.7	ug/L	ES		150306018	MW-111A	01	1,2-Dichloropropane	0.5	5
5/16/2017	360	34030	12.1	ug/L	ES		150306018	MW-111A	01	Benzene	0.5	5
5/16/2017	360	34311	761	ug/L	ES		150306018	MW-111A	01	Chloroethane	80	400
5/16/2017	360	39175	J 1.7	ug/L	ES		150306018	MW-111A	01	Vinyl chloride	0.02	0.2
5/16/2017	363	32103	J 0.95	ug/L	PAL		150306019	MW-111B	01	1,2-Dichloroethane	0.5	5
5/16/2017	363	39180	J 0.56	ug/L	PAL		150306019	MW-111B	01	Trichloroethene	0.5	5
5/16/2017	363	39175	J 0.23	ug/L	ES		150306019	MW-111B	01	Vinyl chloride	0.02	0.2
5/16/2017	384	39180	2	ug/L	PAL		150306023	MW-114	01	Trichloroethene	0.5	5
5/16/2017	387	34475	23	ug/L	ES		150306024	MW-114A	01	Tetrachloroethene	0.5	5
5/16/2017	387	39180	5.1	ug/L	ES		150306024	MW-114A	01	Trichloroethene	0.5	5
5/17/2017	393	32103	76.2	ug/L	ES		150300010	MW-115	01	1,2-Dichloroethane	0.5	5

Exceedance type: PAL-Preventive Action Limit; ES-Enforcement Standard; *-EnforcementStandard Within DMZ; ACL-Alternative Concentration Limit.
 MSI: 01-Sample; 02-Sample Duplicate; 03-SampleTripligate; 09-Non-field Lab Replicate
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Smp Date	SPN	PCN	RV	Units	Type	Location	Lab Number	Sample ID	MSI	Parameter	PAL	ES
5/17/2017	393	34311	692	ug/L	ES		150300010	MW-115	01	Chloroethane	80	400
5/17/2017	393	77093	J 26.3	ug/L	PAL		150300010	MW-115	01	cis-1,2-Dichloroethene	7	70
5/17/2017	393	34546	105	ug/L	ES		150300010	MW-115	01	trans-1,2-Dichloroethene	20	100
5/17/2017	393	39175	J 24.3	ug/L	ES		150300010	MW-115	01	Vinyl chloride	0.02	0.2
5/17/2017	396	34511	14.2	ug/L	ES		150300011	MW-115A	01	1,1,2-Trichloroethane	0.5	5
5/17/2017	396	34496	222	ug/L	PAL		150300011	MW-115A	01	1,1-Dichloroethane	85	850
5/17/2017	396	34501	43.7	ug/L	ES		150300011	MW-115A	01	1,1-Dichloroethene	0.7	7
5/17/2017	396	32103	9.8	ug/L	ES		150300011	MW-115A	01	1,2-Dichloroethane	0.5	5
5/17/2017	396	34541	11	ug/L	ES		150300011	MW-115A	01	1,2-Dichloropropane	0.5	5
5/17/2017	396	77093	1110	ug/L	ES		150300011	MW-115A	01	cis-1,2-Dichloroethene	7	70
5/17/2017	396	34546	68.2	ug/L	PAL		150300011	MW-115A	01	trans-1,2-Dichloroethene	20	100
5/17/2017	396	39180	78.2	ug/L	ES		150300011	MW-115A	01	Trichloroethene	0.5	5
5/17/2017	396	39175	5.2	ug/L	ES		150300011	MW-115A	01	Vinyl chloride	0.02	0.2
5/17/2017	399	34511	J 7.1	ug/L	ES		150300012	MW-115B	01	1,1,2-Trichloroethane	0.5	5
5/17/2017	399	34496	156	ug/L	PAL		150300012	MW-115B	01	1,1-Dichloroethane	85	850
5/17/2017	399	34501	37	ug/L	ES		150300012	MW-115B	01	1,1-Dichloroethene	0.7	7
5/17/2017	399	34541	J 5.7	ug/L	ES		150300012	MW-115B	01	1,2-Dichloropropane	0.5	5
5/17/2017	399	77093	588	ug/L	ES		150300012	MW-115B	01	cis-1,2-Dichloroethene	7	70
5/17/2017	399	39180	38.8	ug/L	ES		150300012	MW-115B	01	Trichloroethene	0.5	5
5/17/2017	399	39175	61.5	ug/L	ES		150300012	MW-115B	01	Vinyl chloride	0.02	0.2
5/18/2017	404	34496	208	ug/L	PAL		150342017	TW-1	01	1,1-Dichloroethane	85	850
5/18/2017	404	77222	630	ug/L	ES		150342017	TW-1	01	1,2,4-Trimethylbenzene	96	480
5/18/2017	404	32103	J 2.7	ug/L	PAL		150342017	TW-1	01	1,2-Dichloroethane	0.5	5

Exceedance type: PAL-Preventive Action Limit; ES-Enforcement Standard; *-EnforcementStandard Within DMZ; ACL-Alternative Concentration Limit.
 MSI: 01-Sample; 02-Sample Duplicate; 03-SampleTripligate; 09-Non-field Lab Replicate
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Landfill Name: 55929.005 WRR

Pace Analytical Services, Inc.

License Number: 04234

DNR Exceedance Summary

Report Period: 170501

Smp Date	SPN	PCN	RV	Units	Type	Location	Lab Number	Sample ID	MSI	Parameter	PAL	ES
5/18/2017	404	77226	195	ug/L	PAL		150342017	TW-1	01	1,3,5-Trimethylbenzene	96	480
5/18/2017	404	34311	109	ug/L	PAL		150342017	TW-1	01	Chloroethane	80	400
5/18/2017	404	77093	164	ug/L	ES		150342017	TW-1	01	cis-1,2-Dichloroethene	7	70
5/18/2017	404	78113	917	ug/L	ES		150342017	TW-1	01	Ethylbenzene	140	700
5/18/2017	404	34423	54.9	ug/L	ES		150342017	TW-1	01	Methylene Chloride	0.5	5
5/18/2017	404	34696	68.5	ug/L	PAL		150342017	TW-1	01	Naphthalene	10	100
5/18/2017	404	34475	J 5.1	ug/L	ES		150342017	TW-1	01	Tetrachloroethene	0.5	5
5/18/2017	404	39180	J 7.2	ug/L	ES		150342017	TW-1	01	Trichloroethene	0.5	5
5/18/2017	404	39175	34.9	ug/L	ES		150342017	TW-1	01	Vinyl chloride	0.02	0.2
5/18/2017	404	81551	3470	ug/L	ES		150342017	TW-1	01	Xylene (Total)	400	2000
5/16/2017	610	32103	2.2	ug/L	PAL		150306028	SEEP 2N	02	1,2-Dichloroethane	0.5	5
5/16/2017	610	32103	2.9	ug/L	PAL		150306027	SEEP 2N	01	1,2-Dichloroethane	0.5	5
5/16/2017	610	34030	J 0.76	ug/L	PAL		150306027	SEEP 2N	01	Benzene	0.5	5
5/16/2017	610	34030	J 0.54	ug/L	PAL		150306028	SEEP 2N	02	Benzene	0.5	5
5/16/2017	610	39175	J 0.87	ug/L	ES		150306027	SEEP 2N	01	Vinyl chloride	0.02	0.2
5/16/2017	610	39175	J 0.83	ug/L	ES		150306028	SEEP 2N	02	Vinyl chloride	0.02	0.2

Exceedance type: PAL-Preventive Action Limit; ES-Enforcement Standard; *-EnforcementStandard Within DMZ; ACL-Alternative Concentration Limit.
 MSI: 01-Sample; 02-Sample Duplicate; 03-SampleTriplctate; 09-Non-field Lab Replicate
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APPENDIX C

**RELEVANT PAGES OF THE WDNR'S "OPERATION, MAINTENANCE, MONITORING
AND OPTIMIZATION REPORTING OF SOIL AND GROUNDWATER REMEDIATION
SYSTEMS" FORM 4400-194**

GENERAL INSTRUCTIONS, PURPOSE AND APPLICABILITY OF THIS FORM: Completion of this form is required under s. NR 724.13(3), Wis. Adm. Code. A narrative report or letter containing the equivalent information required in this form may be submitted in lieu of the actual form. Failure to submit this form as required is a violation of s. NR 724.13(3), Wis. Adm. Code, and is subject to the penalties in s. 292.99, Wis. Stats. This form must be submitted every six months for soil or groundwater remediation projects that report operation and maintenance progress in accordance with s. NR 724.13(3), Wis. Adm. Code.

Note: Long-term monitoring results submitted in accordance with s. NR 724.17(3), Wis. Adm. Code are required to be submitted within 10 business days of receiving sampling results and are not required to be submitted using this form. However, portions of this form require monitoring data summary information that may be based on information previously submitted in accordance with s. NR 724.17(3), Wis. Adm. Code.

Note: Responsible parties should check with the State Project Manager assigned to the site to determine if this form is required to be submitted at sites responded to under the Federal Comprehensive Environmental Response and Compensation Act (commonly known as Superfund) or an equivalent State lead Superfund response.

Note: Responsible parties should check with the State Project Manager assigned to the site to determine if any of the information required in this form may be omitted or changed and obtain prior written approval for any omissions or changes.

Submittal of this form is not a substitute for reporting required by Department programs such as Waste Water or Air Management. Personally identifiable information on this form is not intended to be used for any other purpose than tracking progress of the remediation by the Bureau for Remediation and Redevelopment.

Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records Law (ss. 19.31-19.39, Wis. Stats.). Unless otherwise noted, all citations refer to Wisconsin Administrative Code.

Note: There is a separate semi-annual report required under s. NR 700.11(1), Wis. Adm. Code. Reporting under that provision is through an internet-based form:

<http://dnr.wi.gov/topic/Brownfields/documents/regs/NR700progreport.pdf>

Section GI - General Site Information

A. General Information

1. Site name

WRR Environmental Services Co., Inc.

2. Reporting period from: 01/01/2017 To: 07/31/2017 Days in period: 212

3. Regulatory agency (enter DNR, DATCP and/or other) 4. BRRTS ID No. (2 digit program-2 digit county-6 digit site specific)
 DNR, DSPS, EPA, DOT, ATF, OSHA, DATCP 02-18-000274

5. Site location

Region	County	Address						
West Central Region	Eau Claire	5200 Ryder Road, Eau Claire, WI						
Municipality name	<input type="radio"/> City <input type="radio"/> Town <input type="radio"/> Village		Township	Range	<input checked="" type="radio"/> E <input type="radio"/> W	Section	¼	¼
Washington			26 N	9		3	SW	SE

6. Responsible party	7. Consultant		
Name	<input type="checkbox"/> Select if the following information has changed since the last submittal		
James L. Hager - CEO WRR Environmental	Company name		
Mailing address	Gannett Fleming, Inc.		
5200 Ryder Road, Eau Claire, WI	Mailing address	Phone number	
Phone number	8025 Excelsior Drive	(608) 836-1500	
(715) 834-9624	Madison, WI 53717		

8. Contaminants
 Alcohols, ketones, chlorinated and petroleum-related compounds

9. Soil types (USCS or USDA)
 Surficial soil is primarily SM and SP with some underlying ML-CL layers

10. Hydraulic conductivity(cm/sec): 0.000264 to 0.0006096
 11. Average linear velocity of groundwater (ft/yr): 12.6 to 88.4

12. If soil is treated ex situ, is the treatment location off site? Yes No

If yes, give location: Region _____ County _____

Municipality name	<input type="radio"/> City <input type="radio"/> Town <input type="radio"/> Village		Township	Range	<input type="radio"/> E <input type="radio"/> W	Section	¼	¼
			N					

B. Remediation Method

Only submit sections that apply to an individual site. Check all that apply:

- Groundwater extraction (submit a completed Section GW-1).
Free product recovery (submit a completed Section GW-1).
In situ air sparging (submit a completed Section GW-2).
Groundwater natural attenuation (submit a completed Section GW-3).
Other groundwater remediation method (submit a completed Section GW-4).
Soil venting (including soil vapor extraction building venting and bioventing submit a completed Section IS-1).
Soil natural attenuation (submit a completed Section IS-2).
Other in situ soil remediation method (submit a completed Section IS-3).
Biopiles (submit a completed Section ES-1).
Landspreading/thinspreading of petroleum contaminated soil (submit a completed Section ES-2).
Other ex situ remediation method (submit a completed Section ES-3).
Site is a landfill (submit a completed Section LF-1).

C. General Effectiveness Evaluation for All Active Systems

If the remediation is active (not natural attenuation), complete this subsection.

- 1. Is the system operating at design rates and specifications? Yes No
If the answer is no, explain whether or not modifications are necessary to achieve the goal that was previously established in design.
2. Are modifications to the system warranted to improve effectiveness Yes No
If yes, explain:
3. Is natural attenuation an effective low cost option at this time? Yes No
4. Is closure sampling warranted at this time? Yes No
5. Are there any modifications that can be made to the remediation to improve cost effectiveness? Yes No
If yes, explain:
Changing or cleaning pumps and redevelopment of recovery wells, as necessary.

D. Economic and Cost Data to Date

- 1. Total investigation cost:
2. Implementation costs (design, capital and installation costs, excluding investigation costs):
3. Total costs during the previous reporting period:
4. Total costs during this reporting period:
5. Total anticipated costs for the next reporting period:
6. Are any unusual or one-time costs listed in the reporting periods covered by D.3., D.4. or D.5. above? Yes No
If yes, explain:
7. If closure is anticipated within 12 months, estimated costs for project closeout:

Site name: WRR Environmental Services Co., Inc.
 Reporting period from: 01/01/2017 To: 07/31/2017
 Days in period: 212

E. Name(s), Signature(s) and Date of Person(s) Submitting Form

Legibly print name, date and sign. Only persons qualified to submit reports under ch. NR 712 Wis. Adm. Code are to sign this form for sites with any ongoing active remediation, monitoring or an investigation. Other persons may sign this form for sites with no response activities during the six month reporting period.

Registered Professional Engineers:

I hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this document has been prepared in accordance with the rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Print name	Title
Signature	Date

Hydrogeologists:

I hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03(1), Wis. Adm. Code, and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Print name	Title
Signature	Date

Scientists:

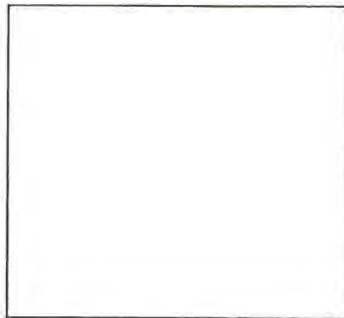
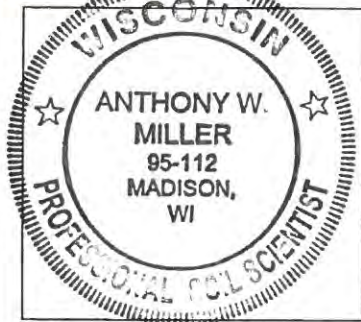
I hereby certify that I am a scientist as that term is defined in s. NR 712.03(3), Wis. Adm. Code, and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Print name Anthony W. Miller	Title Senior Environmental Scientist/Project Manager
Signature <i>Anthony W. Miller</i>	Date 08/28/2017

Other Persons:

Print name Jim Hager	Title CEO WRR Environmental
Signature <i>James Hager</i>	Date 9/27/2017

Professional Seal(s), if applicable



Section GW-1, Groundwater Pump and Treat Systems and Free Product Recovery Systems

A. Groundwater Extraction System Operation:

- 1. Total number of groundwater extraction wells or trenches available: 12 and the number in use during period: 9
2. Number of days of operation (only list the number of days the system actually operated, if unknown explain: Counting WRR's production well as a groundwater extraction well, the "system" operated for a total of 210 days during this reporting period.
3. System utilization in percent (days of operation divided by reporting time period multiplied by 100). If < 80%, explain: 99%

- 4. Quantity of groundwater extracted during this time period: 7,027,720 gallons
5. Average groundwater extraction rate: 23.2 gpm
6. Quantity of dissolved phase contaminants removed during this time period in pounds: 1,135 lbs

B. Free Product Recovery System Operation

- 1. Is free product (nonaqueous phase liquid) being recovered at this site? No
If yes, explain:

- 2. Quantity of free product extracted during this time period (enter none if none):
3. Average free product extraction rate: gpm

C. System Effectiveness Evaluation

- 1. Is a contaminated groundwater plume fully contained in the capture zone? No
If no, explain: Some portion of off-site contaminant plume is likely not being captured.

- 2. If free product is present, is the free product fully contained in capture zone?
If no, explain:

- 3. If free product is present in any wells at the site, but free product was not recovered during reporting period, explain:

- 4. If free product is not present, determine the single contaminant that requires the greatest percent reduction to achieve ch. NR 140 ES and PAL. Perform this calculation for all contaminants that were present at the site that have ch. NR 140 standards. Use the highest contaminant concentration measured in any sampling points during reporting period. If free product is present, write "FREE PRODUCT" in C.4.a.

a. Contaminant: Vinyl Chloride
b. Percent reduction necessary to reach ch. NR 140 ES and PAL: 99.9 %
c. Maximum contaminant concentration level in any monitoring well of that contaminant: 509 µg/L
d. Maximum contaminant concentration level in any extraction well of that contaminant: 19 µg/L

Site name: WRR Environmental Services Co., Inc.

Remediation Site Operation, Maintenance, Monitoring & Optimization Report

Reporting period from: 01/01/2017 To: 07/31/2017

Form 4400-194 (R 11/14)

Page 5 of 28

Days in period: 212

- e. If the maximum concentration in a monitoring well is more that one order of magnitude above the concentration measured in an extraction well, explain why the extracted groundwater contamination levels are significantly less than the levels at other locations within the aquifer.

D. Additional Attachments

Attach the following to this form:

- Most recent report to the DNR Wastewater Program, if applicable.
- Groundwater contour map with capture zone indicated.
- Groundwater contaminant distribution map (may be combined with contour map).
- Graph of cumulative contaminant removal, if both free product recovery and ground water extraction are used, provide separate graphs.
- Time versus groundwater contaminant concentration graphs for the contaminant listed in C.4.a. (above), as follows:
 - Graph of contaminant concentrations versus time for each extraction well in use during the period.
 - Graph of contaminant concentrations versus time for the monitoring well with the greatest level of contamination.
- Groundwater contaminant chemistry table.
- Groundwater elevations table.
- System operational data table.

Section IS-1, Soil Venting (Including Soil Vapor Extraction, Building Venting and Bioventing)

A. Soil Venting Operation

Note: This form is not required for building vapor mitigation systems that are installed proactively to protect building occupants/users and are not considered part of ongoing active soil remediation.

1. Number of air extraction wells available and number of wells actually in use during the period: 2 out of 5 were operational.
2. Number of days of operation (only list the number of days the system actually operated, if unknown explain):
210
3. System utilization in percent (days of operation divided by reporting time period multiplied by 100). If < 80%, explain:
99%
4. Average depth to groundwater: _____ gpm

B. Building Basement/Subslab Venting System Operation

1. Number of venting points available and number of points actually in use during the period: _____
2. Number of days of operation (only list the number of days the system actually operated, if unknown explain): _____
3. System utilization in percent (days of operation divided by reporting time period multiplied by 100). If < 80%, explain: _____

C. Effectiveness Evaluation

1. Average contaminant removal rate for the entire system: 4.96 pounds per day
2. Average contaminant removal rate per well or venting point: 2.48 pounds per day
3. If the average contaminant removal rate is less than one pound per day for the entire system, or if the average contaminant removal rate per well is less than one tenth of a pound per day, evaluate the following:
 - a. If contaminants are aerobically biodegradable and confirmation borings have not been drilled in the past year:
 - i. Oxygen levels in extracted air: _____ percent
 - ii. Methane levels in extracted air (ppm_v) If over 10 ppm_v, explain:

 - iii. If methane is not present above 10 ppm_v and if oxygen is greater than 20 percent in extracted air, you should either:
 - o Drill confirmation borings during the next reporting period, if the entire site should be considered for closure.
 - o Or, perform an in situ respirometry test in a zone of high contamination. Do not perform the test in an air extraction well, use a gas probe or water table well. If a zero order rate of decay based on oxygen depletion is less than 2 mg/kg per day, then you should drill confirmation borings, if the entire site should be considered for closure. If the rate of decay is between 2 and 10 mg/kg, operate for one more reporting period before evaluating further. If the zero order rate of decay is greater than 10 mg/kg total hydrocarbons, continue operating the system in a manner than maximizes aerobic biodegradation.
 - b. If contaminants are not aerobically biodegradable and confirmation borings have not been recently drilled during the past year, you should drill confirmation borings during the next reporting period if the entire site should be considered for closure.
 - c. If soil borings were drilled during the past year and soil contamination remains above acceptable levels, explain if the system effectiveness can be increased and/or if other options need to be considered to achieve cleanup criteria.

D. Additional Attachments

Attach the following to this form:

- Well and soil sample location map indicating all air extraction wells. If forced air injection wells are also in use, identify those wells.
- If water table monitoring wells are present at the site, a map of well locations.
- Time versus vapor phase contaminant concentration graph.
- Time versus cumulative contaminant removal graph.
- Groundwater elevations table, if water table wells are present at the site; also list screen lengths and elevations.
- Table of soil contaminant chemistry data.
- Soil gas data, if gas probes are used to monitor subsurface conditions in locations other than where air is extracted.
- System operational data table.

APPENDIX D

**LABORATORY REPORTS, CHAIN OF CUSTODY RECORDS, AND SUMMARIES OF
VOCS EXCEEDING NR 140 PREVENTATIVE ACTION LIMITS AND/OR
ENFORCEMENT STANDARDS FOR MAY 2017 SAMPLING EVENT**



2655 Park Center Dr., Suite A
Simi Valley, CA 93065
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www.alsglobal.com

LABORATORY REPORT

April 26, 2017

The Analytical Results & QA/QC
Data included with this report were
reviewed and approved by AWM
on 04/27/17.

Anthony Miller
Gannett Fleming, Incorporated
8025 Excelsior Dr.
Madison, WI 53717

RE:

Dear Anthony:

Enclosed are the results of the sample submitted to our laboratory on April 19, 2017. For your reference, these analyses have been assigned our service request number P1701854.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Kelly Horiuchi at 4:29 pm, Apr 26, 2017

Kelly Horiuchi
Laboratory Director



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www.alsglobal.com

Client: Gannett Fleming, Incorporated
Project:

Service Request No: P1701854

CASE NARRATIVE

The sample was received intact under chain of custody on April 19, 2017 and were stored in accordance with the analytical method requirements. The sample was received past the recommended holding time. The analysis was performed as soon as possible after receipt by the laboratory. The data is flagged to indicate the holding time exceedance. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the sample at the time of sample receipt.

Volatile Organic Compound Analysis

The sample was analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The container was cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.



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 Simi Valley, CA 93065
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www.alsglobal.com

ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/portal/DIVISIONS/PublicParticipationandPermitSupport/LouisianaLaboratoryAccreditationProgram.aspx	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/water/dwp-services/labcert/labcert.htm	2016036
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1177034
New Jersey DEP (NELAP)	http://www.nj.gov/dep/oqa/	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-004
Pennsylvania DEP	http://www.depweb.state.pa.us/labs	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704413-16-7
Utah DOH (NELAP)	http://health.utah.gov/lab/environmental-lab-certification/	CA01627201 6-6
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: Gannett Fleming, Incorporated

Service Request: P1701854

Date Received: 4/19/2017
Time Received: 09:10

TO-15 - VOC Cans

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	
SVE Exhaust	P1701854-001	Air	3/13/2017	09:00	1SS00264	-3.42	6.25	X

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 3

Client: Gannett Fleming, Incorporated
Client Sample ID: SVE Exhaust

ALS Project ID: P1701854
 ALS Sample ID: P1701854-001

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Wida Ang
 Sample Type: 1.0 L Silonite Summa Canister
 Test Notes: **H3**
 Container ID: 1SS00264

Date Collected: 3/13/17
 Date Received: 4/19/17
 Date Analyzed: 4/25/17
 Volume(s) Analyzed: 0.00050 Liter(s)

Initial Pressure (psig): -3.42 Final Pressure (psig): 6.25

Canister Dilution Factor: 1.86

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	1,900	ND	1,100	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	1,900	ND	380	
74-87-3	Chloromethane	ND	1,900	ND	900	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	1,900	ND	270	
75-01-4	Vinyl Chloride	ND	1,900	ND	730	
106-99-0	1,3-Butadiene	ND	1,900	ND	840	
74-83-9	Bromomethane	ND	1,900	ND	480	
75-00-3	Chloroethane	ND	1,900	ND	710	
64-17-5	Ethanol	ND	19,000	ND	9,900	
75-05-8	Acetonitrile	ND	1,900	ND	1,100	
107-02-8	Acrolein	ND	7,400	ND	3,200	
67-64-1	Acetone	52,000	19,000	22,000	7,800	
75-69-4	Trichlorofluoromethane (CFC 11)	ND	1,900	ND	330	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	19,000	ND	7,600	
107-13-1	Acrylonitrile	ND	1,900	ND	860	
75-35-4	1,1-Dichloroethene	ND	1,900	ND	470	
75-09-2	Methylene Chloride	3,100	1,900	890	540	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	1,900	ND	590	
76-13-1	Trichlorotrifluoroethane (CFC 113)	10,000	1,900	1,300	240	
75-15-0	Carbon Disulfide	ND	19,000	ND	6,000	
156-60-5	trans-1,2-Dichloroethene	ND	1,900	ND	470	
75-34-3	1,1-Dichloroethane	ND	1,900	ND	460	
1634-04-4	Methyl tert-Butyl Ether	ND	1,900	ND	520	
108-05-4	Vinyl Acetate	ND	19,000	ND	5,300	
78-93-3	2-Butanone (MEK)	60,000	19,000	20,000	6,300	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

H3 = Sample was received and analyzed past holding time.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 3

Client: Gannett Fleming, Incorporated
Client Sample ID: SVE Exhaust

ALS Project ID: P1701854
 ALS Sample ID: P1701854-001

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Wida Ang
 Sample Type: 1.0 L Silonite Summa Canister
 Test Notes: **H3**
 Container ID: 1SS00264

Date Collected: 3/13/17
 Date Received: 4/19/17
 Date Analyzed: 4/25/17
 Volume(s) Analyzed: 0.00050 Liter(s)

Initial Pressure (psig): -3.42 Final Pressure (psig): 6.25

Canister Dilution Factor: 1.86

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	9,600	1,900	2,400	470	
141-78-6	Ethyl Acetate	45,000	3,700	12,000	1,000	
110-54-3	n-Hexane	ND	1,900	ND	530	
67-66-3	Chloroform	ND	1,900	ND	380	
109-99-9	Tetrahydrofuran (THF)	2,900	1,900	1,000	630	
107-06-2	1,2-Dichloroethane	ND	1,900	ND	460	
71-55-6	1,1,1-Trichloroethane	22,000	1,900	4,100	340	
71-43-2	Benzene	ND	1,900	ND	580	
56-23-5	Carbon Tetrachloride	ND	1,900	ND	300	
110-82-7	Cyclohexane	ND	3,700	ND	1,100	
78-87-5	1,2-Dichloropropane	ND	1,900	ND	400	
75-27-4	Bromodichloromethane	ND	1,900	ND	280	
79-01-6	Trichloroethene	33,000	1,900	6,200	350	
123-91-1	1,4-Dioxane	ND	1,900	ND	520	
80-62-6	Methyl Methacrylate	ND	3,700	ND	910	
142-82-5	n-Heptane	3,100	1,900	750	450	
10061-01-5	cis-1,3-Dichloropropene	ND	1,900	ND	410	
108-10-1	4-Methyl-2-pentanone	ND	1,900	ND	450	
10061-02-6	trans-1,3-Dichloropropene	ND	1,900	ND	410	
79-00-5	1,1,2-Trichloroethane	ND	1,900	ND	340	
108-88-3	Toluene	290,000	1,900	77,000	490	
591-78-6	2-Hexanone	ND	1,900	ND	450	
124-48-1	Dibromochloromethane	ND	1,900	ND	220	
106-93-4	1,2-Dibromoethane	ND	1,900	ND	240	
123-86-4	n-Butyl Acetate	ND	1,900	ND	390	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

H3 = Sample was received and analyzed past holding time.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 3 of 3

Client: Gannett Fleming, Incorporated

Client Sample ID: SVE Exhaust

ALS Project ID: P1701854

ALS Sample ID: P1701854-001

Test Code: EPA TO-15

Date Collected: 3/13/17

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8

Date Received: 4/19/17

Analyst: Wida Ang

Date Analyzed: 4/25/17

Sample Type: 1.0 L Silonite Summa Canister

Volume(s) Analyzed: 0.00050 Liter(s)

Test Notes: **H3**

Container ID: 1SS00264

Initial Pressure (psig): -3.42 Final Pressure (psig): 6.25

Canister Dilution Factor: 1.86

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	3,000	1,900	650	400	
127-18-4	Tetrachloroethene	23,000	1,900	3,300	270	
108-90-7	Chlorobenzene	3,700	1,900	800	400	
100-41-4	Ethylbenzene	25,000	1,900	5,800	430	
179601-23-1	m,p-Xylenes	89,000	3,700	20,000	860	
75-25-2	Bromoform	ND	1,900	ND	180	
100-42-5	Styrene	ND	1,900	ND	440	
95-47-6	o-Xylene	26,000	1,900	5,900	430	
111-84-2	n-Nonane	ND	1,900	ND	350	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1,900	ND	270	
98-82-8	Cumene	ND	1,900	ND	380	
80-56-8	alpha-Pinene	ND	1,900	ND	330	
103-65-1	n-Propylbenzene	ND	1,900	ND	380	
622-96-8	4-Ethyltoluene	ND	1,900	ND	380	
108-67-8	1,3,5-Trimethylbenzene	ND	1,900	ND	380	
95-63-6	1,2,4-Trimethylbenzene	ND	1,900	ND	380	
100-44-7	Benzyl Chloride	ND	1,900	ND	360	
541-73-1	1,3-Dichlorobenzene	ND	1,900	ND	310	
106-46-7	1,4-Dichlorobenzene	ND	1,900	ND	310	
95-50-1	1,2-Dichlorobenzene	ND	1,900	ND	310	
5989-27-5	d-Limonene	ND	1,900	ND	330	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1,900	ND	190	
120-82-1	1,2,4-Trichlorobenzene	ND	1,900	ND	250	
91-20-3	Naphthalene	ND	1,900	ND	350	
87-68-3	Hexachlorobutadiene	ND	1,900	ND	170	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

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H3 = Sample was received and analyzed past holding time.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 3

Client: Gannett Fleming, Incorporated

Client Sample ID: Method Blank

ALS Project ID: P1701854

ALS Sample ID: P170425-MB

Test Code: EPA TO-15

Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8

Date Received: NA

Analyst: Wida Ang

Date Analyzed: 4/25/17

Sample Type: 1.0 L Silonite Summa Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result	MRL	Result	MRL	Data Qualifier
		µg/m ³	µg/m ³	ppbV	ppbV	
115-07-1	Propene	ND	0.50	ND	0.29	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	0.50	ND	0.10	
74-87-3	Chloromethane	ND	0.50	ND	0.24	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.50	ND	0.072	
75-01-4	Vinyl Chloride	ND	0.50	ND	0.20	
106-99-0	1,3-Butadiene	ND	0.50	ND	0.23	
74-83-9	Bromomethane	ND	0.50	ND	0.13	
75-00-3	Chloroethane	ND	0.50	ND	0.19	
64-17-5	Ethanol	ND	5.0	ND	2.7	
75-05-8	Acetonitrile	ND	0.50	ND	0.30	
107-02-8	Acrolein	ND	2.0	ND	0.87	
67-64-1	Acetone	ND	5.0	ND	2.1	
75-69-4	Trichlorofluoromethane (CFC 11)	ND	0.50	ND	0.089	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	5.0	ND	2.0	
107-13-1	Acrylonitrile	ND	0.50	ND	0.23	
75-35-4	1,1-Dichloroethene	ND	0.50	ND	0.13	
75-09-2	Methylene Chloride	ND	0.50	ND	0.14	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.50	ND	0.16	
76-13-1	Trichlorotrifluoroethane (CFC 113)	ND	0.50	ND	0.065	
75-15-0	Carbon Disulfide	ND	5.0	ND	1.6	
156-60-5	trans-1,2-Dichloroethene	ND	0.50	ND	0.13	
75-34-3	1,1-Dichloroethane	ND	0.50	ND	0.12	
1634-04-4	Methyl tert-Butyl Ether	ND	0.50	ND	0.14	
108-05-4	Vinyl Acetate	ND	5.0	ND	1.4	
78-93-3	2-Butanone (MEK)	ND	5.0	ND	1.7	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 3

Client: Gannett Fleming, Incorporated

Client Sample ID: Method Blank

ALS Project ID: P1701854

ALS Sample ID: P170425-MB

Test Code: EPA TO-15

Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8

Date Received: NA

Analyst: Wida Ang

Date Analyzed: 4/25/17

Sample Type: 1.0 L Silonite Summa Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	0.50	ND	0.13	
141-78-6	Ethyl Acetate	ND	1.0	ND	0.28	
110-54-3	n-Hexane	ND	0.50	ND	0.14	
67-66-3	Chloroform	ND	0.50	ND	0.10	
109-99-9	Tetrahydrofuran (THF)	ND	0.50	ND	0.17	
107-06-2	1,2-Dichloroethane	ND	0.50	ND	0.12	
71-55-6	1,1,1-Trichloroethane	ND	0.50	ND	0.092	
71-43-2	Benzene	ND	0.50	ND	0.16	
56-23-5	Carbon Tetrachloride	ND	0.50	ND	0.080	
110-82-7	Cyclohexane	ND	1.0	ND	0.29	
78-87-5	1,2-Dichloropropane	ND	0.50	ND	0.11	
75-27-4	Bromodichloromethane	ND	0.50	ND	0.075	
79-01-6	Trichloroethene	ND	0.50	ND	0.093	
123-91-1	1,4-Dioxane	ND	0.50	ND	0.14	
80-62-6	Methyl Methacrylate	ND	1.0	ND	0.24	
142-82-5	n-Heptane	ND	0.50	ND	0.12	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ND	0.11	
108-10-1	4-Methyl-2-pentanone	ND	0.50	ND	0.12	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ND	0.11	
79-00-5	1,1,2-Trichloroethane	ND	0.50	ND	0.092	
108-88-3	Toluene	ND	0.50	ND	0.13	
591-78-6	2-Hexanone	ND	0.50	ND	0.12	
124-48-1	Dibromochloromethane	ND	0.50	ND	0.059	
106-93-4	1,2-Dibromoethane	ND	0.50	ND	0.065	
123-86-4	n-Butyl Acetate	ND	0.50	ND	0.11	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 3 of 3

Client: Gannett Fleming, Incorporated
Client Sample ID: Method Blank

ALS Project ID: P1701854
 ALS Sample ID: P170425-MB

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Wida Ang
 Sample Type: 1.0 L Silonite Summa Canister
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 4/25/17
 Volume(s) Analyzed: 1.00 Liter(s)

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	ND	0.50	ND	0.11	
127-18-4	Tetrachloroethene	ND	0.50	ND	0.074	
108-90-7	Chlorobenzene	ND	0.50	ND	0.11	
100-41-4	Ethylbenzene	ND	0.50	ND	0.12	
179601-23-1	m,p-Xylenes	ND	1.0	ND	0.23	
75-25-2	Bromoform	ND	0.50	ND	0.048	
100-42-5	Styrene	ND	0.50	ND	0.12	
95-47-6	o-Xylene	ND	0.50	ND	0.12	
111-84-2	n-Nonane	ND	0.50	ND	0.095	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ND	0.073	
98-82-8	Cumene	ND	0.50	ND	0.10	
80-56-8	alpha-Pinene	ND	0.50	ND	0.090	
103-65-1	n-Propylbenzene	ND	0.50	ND	0.10	
622-96-8	4-Ethyltoluene	ND	0.50	ND	0.10	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	ND	0.10	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	ND	0.10	
100-44-7	Benzyl Chloride	ND	0.50	ND	0.097	
541-73-1	1,3-Dichlorobenzene	ND	0.50	ND	0.083	
106-46-7	1,4-Dichlorobenzene	ND	0.50	ND	0.083	
95-50-1	1,2-Dichlorobenzene	ND	0.50	ND	0.083	
5989-27-5	d-Limonene	ND	0.50	ND	0.090	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.50	ND	0.052	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	ND	0.067	
91-20-3	Naphthalene	ND	0.50	ND	0.095	
87-68-3	Hexachlorobutadiene	ND	0.50	ND	0.047	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Page 1 of 1

Client: Gannett Fleming, Incorporated

ALS Project ID: P1701854

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Wida Ang
 Sample Type: 1.0 L Silonite Summa Canister(s)
 Test Notes:

Date(s) Collected: 3/13/17
 Date(s) Received: 4/19/17
 Date(s) Analyzed: 4/25/17

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4	Toluene-d8	Bromofluorobenzene	Acceptance Limits	Data Qualifier
		Percent Recovered	Percent Recovered	Percent Recovered		
Method Blank	P170425-MB	106	100	92	70-130	
Lab Control Sample	P170425-LCS	106	97	93	70-130	
SVE Exhaust	P1701854-001	106	98	91	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.

Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Page 1 of 3

Client: Gannett Fleming, Incorporated

Client Sample ID: Lab Control Sample

ALS Project ID: P1701854

ALS Sample ID: P170425-LCS

Test Code: EPA TO-15

Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8

Date Received: NA

Analyst: Wida Ang

Date Analyzed: 4/25/17

Sample Type: 1.0 L Silonite Summa Canister

Volume(s) Analyzed: 0.125 Liter(s)

Test Notes:

CAS #	Compound	Spike Amount µg/m ³	Result µg/m ³	% Recovery	ALS	Data Qualifier
					Acceptance Limits	
115-07-1	Propene	210	233	111	52-127	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	191	91	68-109	
74-87-3	Chloromethane	210	201	96	51-130	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	211	173	82	66-114	
75-01-4	Vinyl Chloride	210	199	95	61-125	
106-99-0	1,3-Butadiene	210	219	104	62-144	
74-83-9	Bromomethane	210	206	98	73-123	
75-00-3	Chloroethane	210	215	102	69-122	
64-17-5	Ethanol	1,060	1100	104	62-124	
75-05-8	Acetonitrile	213	212	100	57-114	
107-02-8	Acrolein	212	223	105	62-116	
67-64-1	Acetone	1,060	1060	100	57-117	
75-69-4	Trichlorofluoromethane (CFC 11)	210	192	91	63-98	
67-63-0	2-Propanol (Isopropyl Alcohol)	424	441	104	66-121	
107-13-1	Acrylonitrile	213	235	110	68-123	
75-35-4	1,1-Dichloroethene	213	202	95	76-118	
75-09-2	Methylene Chloride	212	206	97	60-118	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	212	225	106	65-126	
76-13-1	Trichlorotrifluoroethane (CFC 113)	212	190	90	73-114	
75-15-0	Carbon Disulfide	213	209	98	57-102	
156-60-5	trans-1,2-Dichloroethene	213	216	101	74-123	
75-34-3	1,1-Dichloroethane	212	204	96	69-111	
1634-04-4	Methyl tert-Butyl Ether	213	193	91	69-113	
108-05-4	Vinyl Acetate	1,060	1040	98	76-128	
78-93-3	2-Butanone (MEK)	212	218	103	63-127	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result. Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Page 2 of 3

Client: Gannett Fleming, Incorporated

Client Sample ID: Lab Control Sample

ALS Project ID: P1701854

ALS Sample ID: P170425-LCS

Test Code: EPA TO-15

Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8

Date Received: NA

Analyst: Wida Ang

Date Analyzed: 4/25/17

Sample Type: 1.0 L Silonite Summa Canister

Volume(s) Analyzed: 0.125 Liter(s)

Test Notes:

CAS #	Compound	Spike Amount µg/m ³	Result µg/m ³	% Recovery	ALS	Data Qualifier
					Acceptance Limits	
156-59-2	cis-1,2-Dichloroethene	212	211	100	72-117	
141-78-6	Ethyl Acetate	426	494	116	68-127	
110-54-3	n-Hexane	213	207	97	55-116	
67-66-3	Chloroform	212	195	92	70-109	
109-99-9	Tetrahydrofuran (THF)	213	214	100	72-113	
107-06-2	1,2-Dichloroethane	212	204	96	69-113	
71-55-6	1,1,1-Trichloroethane	212	198	93	72-115	
71-43-2	Benzene	212	187	88	65-107	
56-23-5	Carbon Tetrachloride	213	208	98	71-113	
110-82-7	Cyclohexane	425	377	89	71-115	
78-87-5	1,2-Dichloropropane	212	203	96	71-115	
75-27-4	Bromodichloromethane	214	215	100	75-118	
79-01-6	Trichloroethene	212	193	91	68-114	
123-91-1	1,4-Dioxane	213	212	100	81-131	
80-62-6	Methyl Methacrylate	424	433	102	72-130	
142-82-5	n-Heptane	213	200	94	68-116	
10061-01-5	cis-1,3-Dichloropropene	210	227	108	77-126	
108-10-1	4-Methyl-2-pentanone	213	245	115	69-126	
10061-02-6	trans-1,3-Dichloropropene	213	228	107	79-125	
79-00-5	1,1,2-Trichloroethane	212	200	94	75-119	
108-88-3	Toluene	212	182	86	59-118	
591-78-6	2-Hexanone	213	253	119	69-129	
124-48-1	Dibromochloromethane	213	221	104	74-136	
106-93-4	1,2-Dibromoethane	212	211	100	73-131	
123-86-4	n-Butyl Acetate	216	235	109	69-130	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result. Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Page 3 of 3

Client: Gannett Fleming, Incorporated

Client Sample ID: Lab Control Sample

ALS Project ID: P1701854

ALS Sample ID: P170425-LCS

Test Code: EPA TO-15

Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8

Date Received: NA

Analyst: Wida Ang

Date Analyzed: 4/25/17

Sample Type: 1.0 L Silonite Summa Canister

Volume(s) Analyzed: 0.125 Liter(s)

Test Notes:

CAS #	Compound	Spike Amount µg/m ³	Result µg/m ³	% Recovery	ALS	Data Qualifier
					Acceptance Limits	
111-65-9	n-Octane	212	202	95	66-120	
127-18-4	Tetrachloroethene	213	184	86	65-130	
108-90-7	Chlorobenzene	212	183	86	68-120	
100-41-4	Ethylbenzene	212	195	92	68-122	
179601-23-1	m,p-Xylenes	424	387	91	68-123	
75-25-2	Bromoform	212	214	101	69-130	
100-42-5	Styrene	212	215	101	71-133	
95-47-6	o-Xylene	212	193	91	68-122	
111-84-2	n-Nonane	212	213	100	65-120	
79-34-5	1,1,2,2-Tetrachloroethane	212	199	94	69-130	
98-82-8	Cumene	212	188	89	70-123	
80-56-8	alpha-Pinene	213	201	94	70-128	
103-65-1	n-Propylbenzene	214	199	93	69-125	
622-96-8	4-Ethyltoluene	212	195	92	67-130	
108-67-8	1,3,5-Trimethylbenzene	212	187	88	67-124	
95-63-6	1,2,4-Trimethylbenzene	212	193	91	67-129	
100-44-7	Benzyl Chloride	212	227	107	79-138	
541-73-1	1,3-Dichlorobenzene	212	192	91	65-136	
106-46-7	1,4-Dichlorobenzene	213	191	90	66-141	
95-50-1	1,2-Dichlorobenzene	212	187	88	67-136	
5989-27-5	d-Limonene	212	220	104	71-134	
96-12-8	1,2-Dibromo-3-chloropropane	212	208	98	73-136	
120-82-1	1,2,4-Trichlorobenzene	212	206	97	64-134	
91-20-3	Naphthalene	214	217	101	62-136	
87-68-3	Hexachlorobutadiene	213	181	85	60-133	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result. Reported results are shown in concentration units and as a result of the calculation, may vary slightly.



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LABORATORY REPORT

May 31, 2017

The Analytical Results & QA/QC Data included with this report were reviewed and approved by AWM on 05/31/17.

Anthony Miller
Gannett Fleming, Incorporated
8025 Excelsior Dr.
Madison, WI 53717

Dear Anthony:

Enclosed are the results of the sample submitted to our laboratory on May 23, 2017. For your reference, this analysis has been assigned our service request number P1702468.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Kelly Horiuchi at 3:35 pm, May 31, 2017

Kelly Horiuchi
Laboratory Director



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Client: Gannett Fleming, Incorporated

Service Request No: P1702468

CASE NARRATIVE

The sample was received intact under chain of custody on May 23, 2017 and was stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the sample at the time of sample receipt.

Volatile Organic Compound Analysis

The sample was analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The container was cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.



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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/portal/DIVISIONS/PublicParticipationandPermitSupport/LouisianaLaboratoryAccreditationProgram.aspx	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/water/dwp-services/labcert/labcert.htm	2016036
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1177034
New Jersey DEP (NELAP)	http://www.nj.gov/dep/oqa/	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-004
Pennsylvania DEP	http://www.depweb.state.pa.us/labs	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704413-16-7
Utah DOH (NELAP)	http://health.utah.gov/lab/environmental-lab-certification/	CA01627201 6-6
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: Gannett Fleming, Incorporated

Service Request: P1702468

Date Received: 5/23/2017
Time Received: 16:23

TO-15 - VOC Cans

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	
SVE Exhaust	P1702468-001	Air	5/16/2017	10:35	1SC00939	-0.54	5.82	X

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 3

Client: Gannett Fleming, Incorporated
Client Sample ID: SVE Exhaust

ALS Project ID: P1702468
 ALS Sample ID: P1702468-001

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
 Analyst: Simon Cao
 Sample Type: 1.0 L Summa Canister
 Test Notes:
 Container ID: 1SC00939

Date Collected: 5/16/17
 Date Received: 5/23/17
 Date Analyzed: 5/30/17
 Volume(s) Analyzed: 0.00050 Liter(s)

Initial Pressure (psig): -0.54 Final Pressure (psig): 5.82

Canister Dilution Factor: 1.45

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	1,500	ND	840	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	1,500	ND	290	
74-87-3	Chloromethane	ND	1,500	ND	700	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	1,500	ND	210	
75-01-4	Vinyl Chloride	ND	1,500	ND	570	
106-99-0	1,3-Butadiene	ND	1,500	ND	660	
74-83-9	Bromomethane	ND	1,500	ND	370	
75-00-3	Chloroethane	ND	1,500	ND	550	
64-17-5	Ethanol	ND	15,000	ND	7,700	
75-05-8	Acetonitrile	ND	1,500	ND	860	
107-02-8	Acrolein	ND	5,800	ND	2,500	
67-64-1	Acetone	36,000	15,000	15,000	6,100	
75-69-4	Trichlorofluoromethane (CFC 11)	ND	1,500	ND	260	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	15,000	ND	5,900	
107-13-1	Acrylonitrile	ND	1,500	ND	670	
75-35-4	1,1-Dichloroethene	ND	1,500	ND	370	
75-09-2	Methylene Chloride	2,700	1,500	780	420	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	1,500	ND	460	
76-13-1	Trichlorotrifluoroethane (CFC 113)	7,600	1,500	1,000	190	
75-15-0	Carbon Disulfide	ND	15,000	ND	4,700	
156-60-5	trans-1,2-Dichloroethene	ND	1,500	ND	370	
75-34-3	1,1-Dichloroethane	ND	1,500	ND	360	
1634-04-4	Methyl tert-Butyl Ether	ND	1,500	ND	400	
108-05-4	Vinyl Acetate	ND	15,000	ND	4,100	
78-93-3	2-Butanone (MEK)	40,000	15,000	13,000	4,900	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 3

Client: Gannett Fleming, Incorporated
Client Sample ID: SVE Exhaust

ALS Project ID: P1702468
 ALS Sample ID: P1702468-001

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
 Analyst: Simon Cao
 Sample Type: 1.0 L Summa Canister
 Test Notes:
 Container ID: 1SC00939

Date Collected: 5/16/17
 Date Received: 5/23/17
 Date Analyzed: 5/30/17
 Volume(s) Analyzed: 0.00050 Liter(s)

Initial Pressure (psig): -0.54 Final Pressure (psig): 5.82

Canister Dilution Factor: 1.45

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	7,100	1,500	1,800	370	
141-78-6	Ethyl Acetate	19,000	2,900	5,200	810	
110-54-3	n-Hexane	ND	1,500	ND	410	
67-66-3	Chloroform	ND	1,500	ND	300	
109-99-9	Tetrahydrofuran (THF)	2,000	1,500	690	490	
107-06-2	1,2-Dichloroethane	ND	1,500	ND	360	
71-55-6	1,1,1-Trichloroethane	22,000	1,500	4,000	270	
71-43-2	Benzene	ND	1,500	ND	450	
56-23-5	Carbon Tetrachloride	ND	1,500	ND	230	
110-82-7	Cyclohexane	ND	2,900	ND	840	
78-87-5	1,2-Dichloropropane	ND	1,500	ND	310	
75-27-4	Bromodichloromethane	ND	1,500	ND	220	
79-01-6	Trichloroethene	41,000	1,500	7,600	270	
123-91-1	1,4-Dioxane	ND	1,500	ND	400	
80-62-6	Methyl Methacrylate	ND	2,900	ND	710	
142-82-5	n-Heptane	2,800	1,500	670	350	
10061-01-5	cis-1,3-Dichloropropene	ND	1,500	ND	320	
108-10-1	4-Methyl-2-pentanone	ND	1,500	ND	350	
10061-02-6	trans-1,3-Dichloropropene	ND	1,500	ND	320	
79-00-5	1,1,2-Trichloroethane	ND	1,500	ND	270	
108-88-3	Toluene	250,000	1,500	66,000	380	
591-78-6	2-Hexanone	ND	1,500	ND	350	
124-48-1	Dibromochloromethane	ND	1,500	ND	170	
106-93-4	1,2-Dibromoethane	ND	1,500	ND	190	
123-86-4	n-Butyl Acetate	ND	1,500	ND	310	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 3 of 3

Client: Gannett Fleming, Incorporated

Client Sample ID: SVE Exhaust

ALS Project ID: P1702468

ALS Sample ID: P1702468-001

Test Code: EPA TO-15

Date Collected: 5/16/17

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: 5/23/17

Analyst: Simon Cao

Date Analyzed: 5/30/17

Sample Type: 1.0 L Summa Canister

Volume(s) Analyzed: 0.00050 Liter(s)

Test Notes:

Container ID: 1SC00939

Initial Pressure (psig): -0.54 Final Pressure (psig): 5.82

Canister Dilution Factor: 1.45

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	2,600	1,500	560	310	
127-18-4	Tetrachloroethene	30,000	1,500	4,500	210	
108-90-7	Chlorobenzene	4,400	1,500	950	310	
100-41-4	Ethylbenzene	21,000	1,500	4,900	330	
179601-23-1	m,p-Xylenes	73,000	2,900	17,000	670	
75-25-2	Bromoform	ND	1,500	ND	140	
100-42-5	Styrene	ND	1,500	ND	340	
95-47-6	o-Xylene	25,000	1,500	5,800	330	
111-84-2	n-Nonane	ND	1,500	ND	280	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1,500	ND	210	
98-82-8	Cumene	ND	1,500	ND	300	
80-56-8	alpha-Pinene	ND	1,500	ND	260	
103-65-1	n-Propylbenzene	ND	1,500	ND	300	
622-96-8	4-Ethyltoluene	ND	1,500	ND	300	
108-67-8	1,3,5-Trimethylbenzene	ND	1,500	ND	300	
95-63-6	1,2,4-Trimethylbenzene	ND	1,500	ND	300	
100-44-7	Benzyl Chloride	ND	1,500	ND	280	
541-73-1	1,3-Dichlorobenzene	ND	1,500	ND	240	
106-46-7	1,4-Dichlorobenzene	ND	1,500	ND	240	
95-50-1	1,2-Dichlorobenzene	ND	1,500	ND	240	
5989-27-5	d-Limonene	ND	1,500	ND	260	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1,500	ND	150	
120-82-1	1,2,4-Trichlorobenzene	ND	1,500	ND	200	
91-20-3	Naphthalene	ND	1,500	ND	280	
87-68-3	Hexachlorobutadiene	ND	1,500	ND	140	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 3

Client: Gannett Fleming, Incorporated

Client Sample ID: Method Blank

ALS Project ID: P1702468

ALS Sample ID: P170530-MB

Test Code: EPA TO-15

Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: NA

Analyst: Simon Cao

Date Analyzed: 5/30/17

Sample Type: 1.0 L Summa Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result	MRL	Result	MRL	Data Qualifier
		µg/m ³	µg/m ³	ppbV	ppbV	
115-07-1	Propene	ND	0.50	ND	0.29	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	0.50	ND	0.10	
74-87-3	Chloromethane	ND	0.50	ND	0.24	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.50	ND	0.072	
75-01-4	Vinyl Chloride	ND	0.50	ND	0.20	
106-99-0	1,3-Butadiene	ND	0.50	ND	0.23	
74-83-9	Bromomethane	ND	0.50	ND	0.13	
75-00-3	Chloroethane	ND	0.50	ND	0.19	
64-17-5	Ethanol	ND	5.0	ND	2.7	
75-05-8	Acetonitrile	ND	0.50	ND	0.30	
107-02-8	Acrolein	ND	2.0	ND	0.87	
67-64-1	Acetone	ND	5.0	ND	2.1	
75-69-4	Trichlorofluoromethane (CFC 11)	ND	0.50	ND	0.089	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	5.0	ND	2.0	
107-13-1	Acrylonitrile	ND	0.50	ND	0.23	
75-35-4	1,1-Dichloroethene	ND	0.50	ND	0.13	
75-09-2	Methylene Chloride	ND	0.50	ND	0.14	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.50	ND	0.16	
76-13-1	Trichlorotrifluoroethane (CFC 113)	ND	0.50	ND	0.065	
75-15-0	Carbon Disulfide	ND	5.0	ND	1.6	
156-60-5	trans-1,2-Dichloroethene	ND	0.50	ND	0.13	
75-34-3	1,1-Dichloroethane	ND	0.50	ND	0.12	
1634-04-4	Methyl tert-Butyl Ether	ND	0.50	ND	0.14	
108-05-4	Vinyl Acetate	ND	5.0	ND	1.4	
78-93-3	2-Butanone (MEK)	ND	5.0	ND	1.7	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 3

Client: Gannett Fleming, Incorporated

Client Sample ID: Method Blank

ALS Project ID: P1702468

ALS Sample ID: P170530-MB

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
 Analyst: Simon Cao
 Sample Type: 1.0 L Summa Canister
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 5/30/17
 Volume(s) Analyzed: 1.00 Liter(s)

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	0.50	ND	0.13	
141-78-6	Ethyl Acetate	ND	1.0	ND	0.28	
110-54-3	n-Hexane	ND	0.50	ND	0.14	
67-66-3	Chloroform	ND	0.50	ND	0.10	
109-99-9	Tetrahydrofuran (THF)	ND	0.50	ND	0.17	
107-06-2	1,2-Dichloroethane	ND	0.50	ND	0.12	
71-55-6	1,1,1-Trichloroethane	ND	0.50	ND	0.092	
71-43-2	Benzene	ND	0.50	ND	0.16	
56-23-5	Carbon Tetrachloride	ND	0.50	ND	0.080	
110-82-7	Cyclohexane	ND	1.0	ND	0.29	
78-87-5	1,2-Dichloropropane	ND	0.50	ND	0.11	
75-27-4	Bromodichloromethane	ND	0.50	ND	0.075	
79-01-6	Trichloroethene	ND	0.50	ND	0.093	
123-91-1	1,4-Dioxane	ND	0.50	ND	0.14	
80-62-6	Methyl Methacrylate	ND	1.0	ND	0.24	
142-82-5	n-Heptane	ND	0.50	ND	0.12	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ND	0.11	
108-10-1	4-Methyl-2-pentanone	ND	0.50	ND	0.12	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ND	0.11	
79-00-5	1,1,2-Trichloroethane	ND	0.50	ND	0.092	
108-88-3	Toluene	ND	0.50	ND	0.13	
591-78-6	2-Hexanone	ND	0.50	ND	0.12	
124-48-1	Dibromochloromethane	ND	0.50	ND	0.059	
106-93-4	1,2-Dibromoethane	ND	0.50	ND	0.065	
123-86-4	n-Butyl Acetate	ND	0.50	ND	0.11	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 3 of 3

Client: Gannett Fleming, Incorporated
Client Sample ID: Method Blank

ALS Project ID: P1702468
 ALS Sample ID: P170530-MB

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
 Analyst: Simon Cao
 Sample Type: 1.0 L Summa Canister
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 5/30/17
 Volume(s) Analyzed: 1.00 Liter(s)

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	ND	0.50	ND	0.11	
127-18-4	Tetrachloroethene	ND	0.50	ND	0.074	
108-90-7	Chlorobenzene	ND	0.50	ND	0.11	
100-41-4	Ethylbenzene	ND	0.50	ND	0.12	
179601-23-1	m,p-Xylenes	ND	1.0	ND	0.23	
75-25-2	Bromoform	ND	0.50	ND	0.048	
100-42-5	Styrene	ND	0.50	ND	0.12	
95-47-6	o-Xylene	ND	0.50	ND	0.12	
111-84-2	n-Nonane	ND	0.50	ND	0.095	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ND	0.073	
98-82-8	Cumene	ND	0.50	ND	0.10	
80-56-8	alpha-Pinene	ND	0.50	ND	0.090	
103-65-1	n-Propylbenzene	ND	0.50	ND	0.10	
622-96-8	4-Ethyltoluene	ND	0.50	ND	0.10	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	ND	0.10	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	ND	0.10	
100-44-7	Benzyl Chloride	ND	0.50	ND	0.097	
541-73-1	1,3-Dichlorobenzene	ND	0.50	ND	0.083	
106-46-7	1,4-Dichlorobenzene	ND	0.50	ND	0.083	
95-50-1	1,2-Dichlorobenzene	ND	0.50	ND	0.083	
5989-27-5	d-Limonene	ND	0.50	ND	0.090	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.50	ND	0.052	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	ND	0.067	
91-20-3	Naphthalene	ND	0.50	ND	0.095	
87-68-3	Hexachlorobutadiene	ND	0.50	ND	0.047	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Page 1 of 1

Client: Gannett Fleming, Incorporated

ALS Project ID: P1702468

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
 Analyst: Simon Cao
 Sample Type: 1.0 L Summa Canister(s)
 Test Notes:

Date(s) Collected: 5/16/17
 Date(s) Received: 5/23/17
 Date(s) Analyzed: 5/30/17

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4	Toluene-d8	Bromofluorobenzene	Acceptance Limits	Data Qualifier
		Percent Recovered	Percent Recovered	Percent Recovered		
Method Blank	P170530-MB	99	102	102	70-130	
Lab Control Sample	P170530-LCS	98	102	103	70-130	
SVE Exhaust	P1702468-001	98	101	102	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.

Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Page 1 of 3

Client: Gannett Fleming, Incorporated

Client Sample ID: Lab Control Sample

ALS Project ID: P1702468

ALS Sample ID: P170530-LCS

Test Code: EPA TO-15

Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: NA

Analyst: Simon Cao

Date Analyzed: 5/30/17

Sample Type: 1.0 L Summa Canister

Volume(s) Analyzed: 0.125 Liter(s)

Test Notes:

CAS #	Compound	Spike Amount µg/m ³	Result µg/m ³	% Recovery	ALS	Data Qualifier
					Acceptance Limits	
115-07-1	Propene	210	167	80	52-127	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	179	85	68-109	
74-87-3	Chloromethane	210	170	81	51-130	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	211	173	82	66-114	
75-01-4	Vinyl Chloride	210	174	83	61-125	
106-99-0	1,3-Butadiene	210	203	97	62-144	
74-83-9	Bromomethane	210	188	90	73-123	
75-00-3	Chloroethane	210	189	90	69-122	
64-17-5	Ethanol	1,060	998	94	62-124	
75-05-8	Acetonitrile	213	200	94	57-114	
107-02-8	Acrolein	212	192	91	62-116	
67-64-1	Acetone	1,060	955	90	57-117	
75-69-4	Trichlorofluoromethane (CFC 11)	210	173	82	63-98	
67-63-0	2-Propanol (Isopropyl Alcohol)	424	418	99	66-121	
107-13-1	Acrylonitrile	213	224	105	68-123	
75-35-4	1,1-Dichloroethene	213	193	91	76-118	
75-09-2	Methylene Chloride	212	177	83	60-118	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	212	211	100	65-126	
76-13-1	Trichlorotrifluoroethane (CFC 113)	212	185	87	73-114	
75-15-0	Carbon Disulfide	213	182	85	57-102	
156-60-5	trans-1,2-Dichloroethene	213	196	92	74-123	
75-34-3	1,1-Dichloroethane	212	188	89	69-111	
1634-04-4	Methyl tert-Butyl Ether	213	186	87	69-113	
108-05-4	Vinyl Acetate	1,060	1150	108	76-128	
78-93-3	2-Butanone (MEK)	212	200	94	63-127	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result. Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Page 2 of 3

Client: Gannett Fleming, Incorporated

Client Sample ID: Lab Control Sample

ALS Project ID: P1702468

ALS Sample ID: P170530-LCS

Test Code: EPA TO-15

Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: NA

Analyst: Simon Cao

Date Analyzed: 5/30/17

Sample Type: 1.0 L Summa Canister

Volume(s) Analyzed: 0.125 Liter(s)

Test Notes:

CAS #	Compound	Spike Amount µg/m ³	Result µg/m ³	% Recovery	ALS	Data Qualifier
					Acceptance Limits	
156-59-2	cis-1,2-Dichloroethene	212	187	88	72-117	
141-78-6	Ethyl Acetate	426	404	95	68-127	
110-54-3	n-Hexane	213	186	87	55-116	
67-66-3	Chloroform	212	180	85	70-109	
109-99-9	Tetrahydrofuran (THF)	213	189	89	72-113	
107-06-2	1,2-Dichloroethane	212	184	87	69-113	
71-55-6	1,1,1-Trichloroethane	212	174	82	72-115	
71-43-2	Benzene	212	175	83	65-107	
56-23-5	Carbon Tetrachloride	213	179	84	71-113	
110-82-7	Cyclohexane	425	371	87	71-115	
78-87-5	1,2-Dichloropropane	212	191	90	71-115	
75-27-4	Bromodichloromethane	214	182	85	75-118	
79-01-6	Trichloroethene	212	181	85	68-114	
123-91-1	1,4-Dioxane	213	199	93	81-131	
80-62-6	Methyl Methacrylate	424	412	97	72-130	
142-82-5	n-Heptane	213	186	87	68-116	
10061-01-5	cis-1,3-Dichloropropene	210	197	94	77-126	
108-10-1	4-Methyl-2-pentanone	213	203	95	69-126	
10061-02-6	trans-1,3-Dichloropropene	213	211	99	79-125	
79-00-5	1,1,2-Trichloroethane	212	189	89	75-119	
108-88-3	Toluene	212	183	86	59-118	
591-78-6	2-Hexanone	213	219	103	69-129	
124-48-1	Dibromochloromethane	213	200	94	74-136	
106-93-4	1,2-Dibromoethane	212	207	98	73-131	
123-86-4	n-Butyl Acetate	216	218	101	69-130	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result. Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Page 3 of 3

Client: Gannett Fleming, Incorporated

Client Sample ID: Lab Control Sample

ALS Project ID: P1702468

ALS Sample ID: P170530-LCS

Test Code: EPA TO-15

Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: NA

Analyst: Simon Cao

Date Analyzed: 5/30/17

Sample Type: 1.0 L Summa Canister

Volume(s) Analyzed: 0.125 Liter(s)

Test Notes:

CAS #	Compound	Spike Amount µg/m ³	Result µg/m ³	% Recovery	ALS	Data Qualifier
					Acceptance Limits	
111-65-9	n-Octane	212	192	91	66-120	
127-18-4	Tetrachloroethene	213	194	91	65-130	
108-90-7	Chlorobenzene	212	192	91	68-120	
100-41-4	Ethylbenzene	212	187	88	68-122	
179601-23-1	m,p-Xylenes	424	373	88	68-123	
75-25-2	Bromoform	212	210	99	69-130	
100-42-5	Styrene	212	214	101	71-133	
95-47-6	o-Xylene	212	189	89	68-122	
111-84-2	n-Nonane	212	204	96	65-120	
79-34-5	1,1,2,2-Tetrachloroethane	212	214	101	69-130	
98-82-8	Cumene	212	193	91	70-123	
80-56-8	alpha-Pinene	213	203	95	70-128	
103-65-1	n-Propylbenzene	214	201	94	69-125	
622-96-8	4-Ethyltoluene	212	209	99	67-130	
108-67-8	1,3,5-Trimethylbenzene	212	193	91	67-124	
95-63-6	1,2,4-Trimethylbenzene	212	203	96	67-129	
100-44-7	Benzyl Chloride	212	262	124	79-138	
541-73-1	1,3-Dichlorobenzene	212	217	102	65-136	
106-46-7	1,4-Dichlorobenzene	213	217	102	66-141	
95-50-1	1,2-Dichlorobenzene	212	214	101	67-136	
5989-27-5	d-Limonene	212	214	101	71-134	
96-12-8	1,2-Dibromo-3-chloropropane	212	253	119	73-136	
120-82-1	1,2,4-Trichlorobenzene	212	266	125	64-134	
91-20-3	Naphthalene	214	270	126	62-136	
87-68-3	Hexachlorobutadiene	213	212	100	60-133	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result. Reported results are shown in concentration units and as a result of the calculation, may vary slightly.



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LABORATORY REPORT

July 14, 2017

The Analytical Results & QA/QC
Data included with this report were
reviewed and approved by AWM
on 07/17/17.

Anthony Miller
Gannett Fleming, Incorporated
8025 Excelsior Dr.
Madison, WI 53717

RE: WRR - Eau Claire, WI / 55929.003

Dear Anthony:

Enclosed are the results of the sample submitted to our laboratory on July 7, 2017. For your reference, this analysis has been assigned our service request number P1703253.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Kelly Horiuchi at 3:18 pm, Jul 14, 2017

Kelly Horiuchi
Laboratory Director



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Client: Gannett Fleming, Incorporated
Project: WRR - Eau Claire, WI / 55929.003

Service Request No: P1703253

CASE NARRATIVE

The sample was received intact under chain of custody on July 7, 2017 and was stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the sample at the time of sample receipt.

Volatile Organic Compound Analysis

The sample was analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The container was cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.



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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/portal/DIVISIONS/PublicParticipationandPermitSupport/LouisianaLaboratoryAccreditationProgram.aspx	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/water/dwp-services/labcert/labcert.htm	2016036
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1177034
New Jersey DEP (NELAP)	http://www.nj.gov/dep/oqa/	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-004
Pennsylvania DEP	http://www.depweb.state.pa.us/labs	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704413-17-8
Utah DOH (NELAP)	http://health.utah.gov/lab/environmental-lab-certification/	CA01627201 6-6
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: Gannett Fleming, Incorporated
Project ID: WRR - Eau Claire, WI / 55929.003

Service Request: P1703253

Date Received: 7/7/2017
Time Received: 09:30

TO-15 - VOC Cans

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	
SVE EXHAUST	P1703253-001	Air	6/30/2017	08:15	ISC00986	-0.12	4.05	X

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 3

Client: Gannett Fleming, Incorporated
Client Sample ID: SVE EXHAUST
Client Project ID: WRR - Eau Claire, WI / 55929.003

ALS Project ID: P1703253
 ALS Sample ID: P1703253-001

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Wida Ang
 Sample Type: 1.0 L Summa Canister
 Test Notes:
 Container ID: 1SC00986

Date Collected: 6/30/17
 Date Received: 7/7/17
 Date Analyzed: 7/10/17
 Volume(s) Analyzed: 0.00040 Liter(s)

Initial Pressure (psig): -0.12 Final Pressure (psig): 4.05

Canister Dilution Factor: 1.29

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	1,600	ND	940	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	1,600	ND	330	
74-87-3	Chloromethane	ND	1,600	ND	780	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	1,600	ND	230	
75-01-4	Vinyl Chloride	ND	1,600	ND	630	
106-99-0	1,3-Butadiene	ND	1,600	ND	730	
74-83-9	Bromomethane	ND	1,600	ND	420	
75-00-3	Chloroethane	ND	1,600	ND	610	
64-17-5	Ethanol	ND	16,000	ND	8,600	
75-05-8	Acetonitrile	ND	1,600	ND	960	
107-02-8	Acrolein	ND	6,500	ND	2,800	
67-64-1	Acetone	36,000	16,000	15,000	6,800	
75-69-4	Trichlorofluoromethane (CFC 11)	ND	1,600	ND	290	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	16,000	ND	6,600	
107-13-1	Acrylonitrile	ND	1,600	ND	740	
75-35-4	1,1-Dichloroethene	ND	1,600	ND	410	
75-09-2	Methylene Chloride	2,100	1,600	610	460	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	1,600	ND	520	
76-13-1	Trichlorotrifluoroethane (CFC 113)	5,600	1,600	730	210	
75-15-0	Carbon Disulfide	ND	16,000	ND	5,200	
156-60-5	trans-1,2-Dichloroethene	ND	1,600	ND	410	
75-34-3	1,1-Dichloroethane	ND	1,600	ND	400	
1634-04-4	Methyl tert-Butyl Ether	ND	1,600	ND	450	
108-05-4	Vinyl Acetate	ND	16,000	ND	4,600	
78-93-3	2-Butanone (MEK)	22,000	16,000	7,500	5,500	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 3

Client: Gannett Fleming, Incorporated
Client Sample ID: SVE EXHAUST
Client Project ID: WRR - Eau Claire, WI / 55929.003

ALS Project ID: P1703253
 ALS Sample ID: P1703253-001

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Wida Ang
 Sample Type: 1.0 L Summa Canister
 Test Notes:
 Container ID: 1SC00986

Date Collected: 6/30/17
 Date Received: 7/7/17
 Date Analyzed: 7/10/17
 Volume(s) Analyzed: 0.00040 Liter(s)

Initial Pressure (psig): -0.12 Final Pressure (psig): 4.05

Canister Dilution Factor: 1.29

CAS #	Compound	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	7,700	1,600	1,900	410	
141-78-6	Ethyl Acetate	ND	3,200	ND	900	
110-54-3	n-Hexane	ND	1,600	ND	460	
67-66-3	Chloroform	ND	1,600	ND	330	
109-99-9	Tetrahydrofuran (THF)	1,900	1,600	660	550	
107-06-2	1,2-Dichloroethane	ND	1,600	ND	400	
71-55-6	1,1,1-Trichloroethane	20,000	1,600	3,700	300	
71-43-2	Benzene	ND	1,600	ND	500	
56-23-5	Carbon Tetrachloride	ND	1,600	ND	260	
110-82-7	Cyclohexane	ND	3,200	ND	940	
78-87-5	1,2-Dichloropropane	ND	1,600	ND	350	
75-27-4	Bromodichloromethane	ND	1,600	ND	240	
79-01-6	Trichloroethene	42,000	1,600	7,700	300	
123-91-1	1,4-Dioxane	ND	1,600	ND	450	
80-62-6	Methyl Methacrylate	ND	3,200	ND	790	
142-82-5	n-Heptane	2,300	1,600	570	390	
10061-01-5	cis-1,3-Dichloropropene	ND	1,600	ND	360	
108-10-1	4-Methyl-2-pentanone	ND	1,600	ND	390	
10061-02-6	trans-1,3-Dichloropropene	ND	1,600	ND	360	
79-00-5	1,1,2-Trichloroethane	ND	1,600	ND	300	
108-88-3	Toluene	210,000	1,600	54,000	430	
591-78-6	2-Hexanone	ND	1,600	ND	390	
124-48-1	Dibromochloromethane	ND	1,600	ND	190	
106-93-4	1,2-Dibromoethane	ND	1,600	ND	210	
123-86-4	n-Butyl Acetate	ND	1,600	ND	340	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 3 of 3

Client: Gannett Fleming, Incorporated
Client Sample ID: SVE EXHAUST
Client Project ID: WRR - Eau Claire, WI / 55929.003

ALS Project ID: P1703253
 ALS Sample ID: P1703253-001

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Wida Ang
 Sample Type: 1.0 L Summa Canister
 Test Notes:
 Container ID: 1SC00986

Date Collected: 6/30/17
 Date Received: 7/7/17
 Date Analyzed: 7/10/17
 Volume(s) Analyzed: 0.00040 Liter(s)

Initial Pressure (psig): -0.12 Final Pressure (psig): 4.05

Canister Dilution Factor: 1.29

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	2,300	1,600	480	350	
127-18-4	Tetrachloroethene	30,000	1,600	4,500	240	
108-90-7	Chlorobenzene	4,000	1,600	870	350	
100-41-4	Ethylbenzene	14,000	1,600	3,300	370	
179601-23-1	m,p-Xylenes	51,000	3,200	12,000	740	
75-25-2	Bromoform	ND	1,600	ND	160	
100-42-5	Styrene	ND	1,600	ND	380	
95-47-6	o-Xylene	19,000	1,600	4,400	370	
111-84-2	n-Nonane	ND	1,600	ND	310	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1,600	ND	230	
98-82-8	Cumene	ND	1,600	ND	330	
80-56-8	alpha-Pinene	ND	1,600	ND	290	
103-65-1	n-Propylbenzene	ND	1,600	ND	330	
622-96-8	4-Ethyltoluene	ND	1,600	ND	330	
108-67-8	1,3,5-Trimethylbenzene	ND	1,600	ND	330	
95-63-6	1,2,4-Trimethylbenzene	ND	1,600	ND	330	
100-44-7	Benzyl Chloride	ND	1,600	ND	310	
541-73-1	1,3-Dichlorobenzene	ND	1,600	ND	270	
106-46-7	1,4-Dichlorobenzene	ND	1,600	ND	270	
95-50-1	1,2-Dichlorobenzene	ND	1,600	ND	270	
5989-27-5	d-Limonene	5,700	1,600	1,000	290	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1,600	ND	170	
120-82-1	1,2,4-Trichlorobenzene	ND	1,600	ND	220	
91-20-3	Naphthalene	ND	1,600	ND	310	
87-68-3	Hexachlorobutadiene	ND	1,600	ND	150	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 3

Client: Gannett Fleming, Incorporated
Client Sample ID: Method Blank
Client Project ID: WRR - Eau Claire, WI / 55929.003

ALS Project ID: P1703253
 ALS Sample ID: P170710-MB

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Wida Ang
 Sample Type: 1.0 L Summa Canister
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 7/10/17
 Volume(s) Analyzed: 1.00 Liter(s)

Canister Dilution Factor: 1.00

CAS #	Compound	Result	MRL	Result	MRL	Data Qualifier
		µg/m ³	µg/m ³	ppbV	ppbV	
115-07-1	Propene	ND	0.50	ND	0.29	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	0.50	ND	0.10	
74-87-3	Chloromethane	ND	0.50	ND	0.24	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.50	ND	0.072	
75-01-4	Vinyl Chloride	ND	0.50	ND	0.20	
106-99-0	1,3-Butadiene	ND	0.50	ND	0.23	
74-83-9	Bromomethane	ND	0.50	ND	0.13	
75-00-3	Chloroethane	ND	0.50	ND	0.19	
64-17-5	Ethanol	ND	5.0	ND	2.7	
75-05-8	Acetonitrile	ND	0.50	ND	0.30	
107-02-8	Acrolein	ND	2.0	ND	0.87	
67-64-1	Acetone	ND	5.0	ND	2.1	
75-69-4	Trichlorofluoromethane (CFC 11)	ND	0.50	ND	0.089	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	5.0	ND	2.0	
107-13-1	Acrylonitrile	ND	0.50	ND	0.23	
75-35-4	1,1-Dichloroethene	ND	0.50	ND	0.13	
75-09-2	Methylene Chloride	ND	0.50	ND	0.14	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.50	ND	0.16	
76-13-1	Trichlorotrifluoroethane (CFC 113)	ND	0.50	ND	0.065	
75-15-0	Carbon Disulfide	ND	5.0	ND	1.6	
156-60-5	trans-1,2-Dichloroethene	ND	0.50	ND	0.13	
75-34-3	1,1-Dichloroethane	ND	0.50	ND	0.12	
1634-04-4	Methyl tert-Butyl Ether	ND	0.50	ND	0.14	
108-05-4	Vinyl Acetate	ND	5.0	ND	1.4	
78-93-3	2-Butanone (MEK)	ND	5.0	ND	1.7	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 3

Client: Gannett Fleming, Incorporated
Client Sample ID: Method Blank
Client Project ID: WRR - Eau Claire, WI / 55929.003

ALS Project ID: P1703253
 ALS Sample ID: P170710-MB

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Wida Ang
 Sample Type: 1.0 L Summa Canister
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 7/10/17
 Volume(s) Analyzed: 1.00 Liter(s)

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	0.50	ND	0.13	
141-78-6	Ethyl Acetate	ND	1.0	ND	0.28	
110-54-3	n-Hexane	ND	0.50	ND	0.14	
67-66-3	Chloroform	ND	0.50	ND	0.10	
109-99-9	Tetrahydrofuran (THF)	ND	0.50	ND	0.17	
107-06-2	1,2-Dichloroethane	ND	0.50	ND	0.12	
71-55-6	1,1,1-Trichloroethane	ND	0.50	ND	0.092	
71-43-2	Benzene	ND	0.50	ND	0.16	
56-23-5	Carbon Tetrachloride	ND	0.50	ND	0.080	
110-82-7	Cyclohexane	ND	1.0	ND	0.29	
78-87-5	1,2-Dichloropropane	ND	0.50	ND	0.11	
75-27-4	Bromodichloromethane	ND	0.50	ND	0.075	
79-01-6	Trichloroethene	ND	0.50	ND	0.093	
123-91-1	1,4-Dioxane	ND	0.50	ND	0.14	
80-62-6	Methyl Methacrylate	ND	1.0	ND	0.24	
142-82-5	n-Heptane	ND	0.50	ND	0.12	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ND	0.11	
108-10-1	4-Methyl-2-pentanone	ND	0.50	ND	0.12	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ND	0.11	
79-00-5	1,1,2-Trichloroethane	ND	0.50	ND	0.092	
108-88-3	Toluene	ND	0.50	ND	0.13	
591-78-6	2-Hexanone	ND	0.50	ND	0.12	
124-48-1	Dibromochloromethane	ND	0.50	ND	0.059	
106-93-4	1,2-Dibromoethane	ND	0.50	ND	0.065	
123-86-4	n-Butyl Acetate	ND	0.50	ND	0.11	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 3 of 3

Client: Gannett Fleming, Incorporated
Client Sample ID: Method Blank
Client Project ID: WRR - Eau Claire, WI / 55929.003

ALS Project ID: P1703253
 ALS Sample ID: P170710-MB

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Wida Ang
 Sample Type: 1.0 L Summa Canister
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 7/10/17
 Volume(s) Analyzed: 1.00 Liter(s)

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	ND	0.50	ND	0.11	
127-18-4	Tetrachloroethene	ND	0.50	ND	0.074	
108-90-7	Chlorobenzene	ND	0.50	ND	0.11	
100-41-4	Ethylbenzene	ND	0.50	ND	0.12	
179601-23-1	m,p-Xylenes	ND	1.0	ND	0.23	
75-25-2	Bromoform	ND	0.50	ND	0.048	
100-42-5	Styrene	ND	0.50	ND	0.12	
95-47-6	o-Xylene	ND	0.50	ND	0.12	
111-84-2	n-Nonane	ND	0.50	ND	0.095	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ND	0.073	
98-82-8	Cumene	ND	0.50	ND	0.10	
80-56-8	alpha-Pinene	ND	0.50	ND	0.090	
103-65-1	n-Propylbenzene	ND	0.50	ND	0.10	
622-96-8	4-Ethyltoluene	ND	0.50	ND	0.10	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	ND	0.10	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	ND	0.10	
100-44-7	Benzyl Chloride	ND	0.50	ND	0.097	
541-73-1	1,3-Dichlorobenzene	ND	0.50	ND	0.083	
106-46-7	1,4-Dichlorobenzene	ND	0.50	ND	0.083	
95-50-1	1,2-Dichlorobenzene	ND	0.50	ND	0.083	
5989-27-5	d-Limonene	ND	0.50	ND	0.090	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.50	ND	0.052	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	ND	0.067	
91-20-3	Naphthalene	ND	0.50	ND	0.095	
87-68-3	Hexachlorobutadiene	ND	0.50	ND	0.047	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Page 1 of 1

Client: Gannett Fleming, Incorporated
Client Project ID: WRR - Eau Claire, WI / 55929.003

ALS Project ID: P1703253

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Wida Ang
 Sample Type: 1.0 L Summa Canister(s)
 Test Notes:

Date(s) Collected: 6/30/17
 Date(s) Received: 7/7/17
 Date(s) Analyzed: 7/10/17

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4	Toluene-d8	Bromofluorobenzene	Acceptance Limits	Data Qualifier
		Percent Recovered	Percent Recovered	Percent Recovered		
Method Blank	P170710-MB	105	98	108	70-130	
Lab Control Sample	P170710-LCS	102	99	111	70-130	
SVE EXHAUST	P1703253-001	99	100	110	70-130	
SVE EXHAUST	P1703253-001DUP	98	99	110	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.

Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Page 1 of 3

Client: Gannett Fleming, Incorporated
Client Sample ID: Lab Control Sample
Client Project ID: WRR - Eau Claire, WI / 55929.003

ALS Project ID: P1703253
 ALS Sample ID: P170710-LCS

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Wida Ang
 Sample Type: 1.0 L Summa Canister
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 7/10/17
 Volume(s) Analyzed: 0.125 Liter(s)

CAS #	Compound	Spike Amount µg/m ³	Result µg/m ³	% Recovery	ALS	Data Qualifier
					Acceptance Limits	
115-07-1	Propene	210	170	81	52-127	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	181	86	68-109	
74-87-3	Chloromethane	210	198	94	51-130	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	211	200	95	66-114	
75-01-4	Vinyl Chloride	210	210	100	61-125	
106-99-0	1,3-Butadiene	210	218	104	62-144	
74-83-9	Bromomethane	210	237	113	73-123	
75-00-3	Chloroethane	210	194	92	69-122	
64-17-5	Ethanol	1,060	868	82	62-124	
75-05-8	Acetonitrile	213	167	78	57-114	
107-02-8	Acrolein	212	185	87	62-116	
67-64-1	Acetone	1,060	881	83	57-117	
75-69-4	Trichlorofluoromethane (CFC 11)	210	188	90	63-98	
67-63-0	2-Propanol (Isopropyl Alcohol)	424	364	86	66-121	
107-13-1	Acrylonitrile	213	189	89	68-123	
75-35-4	1,1-Dichloroethene	213	181	85	76-118	
75-09-2	Methylene Chloride	212	185	87	60-118	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	212	197	93	65-126	
76-13-1	Trichlorotrifluoroethane (CFC 113)	212	189	89	73-114	
75-15-0	Carbon Disulfide	213	182	85	57-102	
156-60-5	trans-1,2-Dichloroethene	213	201	94	74-123	
75-34-3	1,1-Dichloroethane	212	180	85	69-111	
1634-04-4	Methyl tert-Butyl Ether	213	215	101	69-113	
108-05-4	Vinyl Acetate	1,060	957	90	76-128	
78-93-3	2-Butanone (MEK)	212	200	94	63-127	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result. Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Page 2 of 3

Client: Gannett Fleming, Incorporated
Client Sample ID: Lab Control Sample
Client Project ID: WRR - Eau Claire, WI / 55929.003

ALS Project ID: P1703253
 ALS Sample ID: P170710-LCS

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Wida Ang
 Sample Type: 1.0 L Summa Canister
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 7/10/17
 Volume(s) Analyzed: 0.125 Liter(s)

CAS #	Compound	Spike Amount µg/m ³	Result µg/m ³	% Recovery	ALS	Data Qualifier
					Acceptance Limits	
156-59-2	cis-1,2-Dichloroethene	212	194	92	72-117	
141-78-6	Ethyl Acetate	426	399	94	68-127	
110-54-3	n-Hexane	213	185	87	55-116	
67-66-3	Chloroform	212	189	89	70-109	
109-99-9	Tetrahydrofuran (THF)	213	195	92	72-113	
107-06-2	1,2-Dichloroethane	212	197	93	69-113	
71-55-6	1,1,1-Trichloroethane	212	194	92	72-115	
71-43-2	Benzene	212	174	82	65-107	
56-23-5	Carbon Tetrachloride	213	203	95	71-113	
110-82-7	Cyclohexane	425	350	82	71-115	
78-87-5	1,2-Dichloropropane	212	184	87	71-115	
75-27-4	Bromodichloromethane	214	207	97	75-118	
79-01-6	Trichloroethene	212	194	92	68-114	
123-91-1	1,4-Dioxane	213	202	95	81-131	
80-62-6	Methyl Methacrylate	424	411	97	72-130	
142-82-5	n-Heptane	213	185	87	68-116	
10061-01-5	cis-1,3-Dichloropropene	210	204	97	77-126	
108-10-1	4-Methyl-2-pentanone	213	194	91	69-126	
10061-02-6	trans-1,3-Dichloropropene	213	211	99	79-125	
79-00-5	1,1,2-Trichloroethane	212	198	93	75-119	
108-88-3	Toluene	212	174	82	59-118	
591-78-6	2-Hexanone	213	190	89	69-129	
124-48-1	Dibromochloromethane	213	223	105	74-136	
106-93-4	1,2-Dibromoethane	212	215	101	73-131	
123-86-4	n-Butyl Acetate	216	201	93	69-130	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result. Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Page 3 of 3

Client: Gannett Fleming, Incorporated
Client Sample ID: Lab Control Sample
Client Project ID: WRR - Eau Claire, WI / 55929.003

ALS Project ID: P1703253
 ALS Sample ID: P170710-LCS

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Wida Ang
 Sample Type: 1.0 L Summa Canister
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 7/10/17
 Volume(s) Analyzed: 0.125 Liter(s)

CAS #	Compound	Spike Amount µg/m ³	Result µg/m ³	% Recovery	ALS	Data Qualifier
					Acceptance Limits	
111-65-9	n-Octane	212	179	84	66-120	
127-18-4	Tetrachloroethene	213	191	90	65-130	
108-90-7	Chlorobenzene	212	179	84	68-120	
100-41-4	Ethylbenzene	212	183	86	68-122	
179601-23-1	m,p-Xylenes	424	362	85	68-123	
75-25-2	Bromoform	212	239	113	69-130	
100-42-5	Styrene	212	208	98	71-133	
95-47-6	o-Xylene	212	185	87	68-122	
111-84-2	n-Nonane	212	173	82	65-120	
79-34-5	1,1,2,2-Tetrachloroethane	212	190	90	69-130	
98-82-8	Cumene	212	181	85	70-123	
80-56-8	alpha-Pinene	213	187	88	70-128	
103-65-1	n-Propylbenzene	214	186	87	69-125	
622-96-8	4-Ethyltoluene	212	187	88	67-130	
108-67-8	1,3,5-Trimethylbenzene	212	177	83	67-124	
95-63-6	1,2,4-Trimethylbenzene	212	188	89	67-129	
100-44-7	Benzyl Chloride	212	220	104	79-138	
541-73-1	1,3-Dichlorobenzene	212	198	93	65-136	
106-46-7	1,4-Dichlorobenzene	213	192	90	66-141	
95-50-1	1,2-Dichlorobenzene	212	194	92	67-136	
5989-27-5	d-Limonene	212	188	89	71-134	
96-12-8	1,2-Dibromo-3-chloropropane	212	216	102	73-136	
120-82-1	1,2,4-Trichlorobenzene	212	224	106	64-134	
91-20-3	Naphthalene	214	220	103	62-136	
87-68-3	Hexachlorobutadiene	213	195	92	60-133	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result. Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Page 1 of 3

Client: Gannett Fleming, Incorporated
Client Sample ID: SVE EXHAUST
Client Project ID: WRR - Eau Claire, WI / 55929.003

ALS Project ID: P1703253
 ALS Sample ID: P1703253-001DUP

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Wida Ang
 Sample Type: 1.0 L Summa Canister
 Test Notes:
 Container ID: 1SC00986

Date Collected: 6/30/17
 Date Received: 7/7/17
 Date Analyzed: 7/10/17
 Volume(s) Analyzed: 0.00040 Liter(s)

Initial Pressure (psig): -0.12

Final Pressure (psig): 4.05

Canister Dilution Factor: 1.29

Compound	Sample Result		Duplicate Sample Result		Average µg/m ³	% RPD	RPD Limit	Data Qualifier
	µg/m ³	ppbV	µg/m ³	ppbV				
Propene	ND	ND	ND	ND	-	-	25	
Dichlorodifluoromethane (CFC 12)	ND	ND	ND	ND	-	-	25	
Chloromethane	ND	ND	ND	ND	-	-	25	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	ND	ND	ND	-	-	25	
Vinyl Chloride	ND	ND	ND	ND	-	-	25	
1,3-Butadiene	ND	ND	ND	ND	-	-	25	
Bromomethane	ND	ND	ND	ND	-	-	25	
Chloroethane	ND	ND	ND	ND	-	-	25	
Ethanol	ND	ND	ND	ND	-	-	25	
Acetonitrile	ND	ND	ND	ND	-	-	25	
Acrolein	ND	ND	ND	ND	-	-	25	
Acetone	35,600	15,000	40,200	16,900	37900	12	25	
Trichlorofluoromethane	ND	ND	ND	ND	-	-	25	
2-Propanol (Isopropyl Alcohol)	ND	ND	ND	ND	-	-	25	
Acrylonitrile	ND	ND	ND	ND	-	-	25	
1,1-Dichloroethene	ND	ND	ND	ND	-	-	25	
Methylene Chloride	2,130	613	2,450	705	2290	14	25	
3-Chloro-1-propene (Allyl Chloride)	ND	ND	ND	ND	-	-	25	
Trichlorotrifluoroethane	5,580	729	6,440	840	6010	14	25	
Carbon Disulfide	ND	ND	ND	ND	-	-	25	
trans-1,2-Dichloroethene	ND	ND	ND	ND	-	-	25	
1,1-Dichloroethane	ND	ND	ND	ND	-	-	25	
Methyl tert-Butyl Ether	ND	ND	ND	ND	-	-	25	
Vinyl Acetate	ND	ND	ND	ND	-	-	25	
2-Butanone (MEK)	22,200	7,530	25,500	8,670	23850	14	25	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Page 2 of 3

Client: Gannett Fleming, Incorporated
Client Sample ID: SVE EXHAUST
Client Project ID: WRR - Eau Claire, WI / 55929.003

ALS Project ID: P1703253
 ALS Sample ID: P1703253-001DUP

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Wida Ang
 Sample Type: 1.0 L Summa Canister
 Test Notes:
 Container ID: 1SC00986

Date Collected: 6/30/17
 Date Received: 7/7/17
 Date Analyzed: 7/10/17
 Volume(s) Analyzed: 0.00040 Liter(s)

Initial Pressure (psig): -0.12

Final Pressure (psig): 4.05

Canister Dilution Factor: 1.29

Compound	Sample Result		Duplicate Sample Result		Average µg/m ³	% RPD	RPD Limit	Data Qualifier
	µg/m ³	ppbV	µg/m ³	ppbV				
cis-1,2-Dichloroethene	7,680	1,940	8,880	2,240	8280	14	25	
Ethyl Acetate	ND	ND	ND	ND	-	-	25	
n-Hexane	ND	ND	ND	ND	-	-	25	
Chloroform	ND	ND	ND	ND	-	-	25	
Tetrahydrofuran (THF)	1,940	656	2,170	736	2055	11	25	
1,2-Dichloroethane	ND	ND	ND	ND	-	-	25	
1,1,1-Trichloroethane	19,900	3,650	23,700	4,340	21800	17	25	
Benzene	ND	ND	ND	ND	-	-	25	
Carbon Tetrachloride	ND	ND	ND	ND	-	-	25	
Cyclohexane	ND	ND	ND	ND	-	-	25	
1,2-Dichloropropane	ND	ND	ND	ND	-	-	25	
Bromodichloromethane	ND	ND	ND	ND	-	-	25	
Trichloroethene	41,500	7,730	48,800	9,080	45150	16	25	
1,4-Dioxane	ND	ND	ND	ND	-	-	25	
Methyl Methacrylate	ND	ND	ND	ND	-	-	25	
n-Heptane	2,320	566	2,730	665	2525	16	25	
cis-1,3-Dichloropropene	ND	ND	ND	ND	-	-	25	
4-Methyl-2-pentanone	ND	ND	ND	ND	-	-	25	
trans-1,3-Dichloropropene	ND	ND	ND	ND	-	-	25	
1,1,2-Trichloroethane	ND	ND	ND	ND	-	-	25	
Toluene	205,000	54,500	234,000	62,200	219500	13	25	
2-Hexanone	ND	ND	ND	ND	-	-	25	
Dibromochloromethane	ND	ND	ND	ND	-	-	25	
1,2-Dibromoethane	ND	ND	ND	ND	-	-	25	
n-Butyl Acetate	ND	ND	ND	ND	-	-	25	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Page 3 of 3

Client: Gannett Fleming, Incorporated
Client Sample ID: SVE EXHAUST
Client Project ID: WRR - Eau Claire, WI / 55929.003

ALS Project ID: P1703253
 ALS Sample ID: P1703253-001DUP

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
 Analyst: Wida Ang
 Sample Type: 1.0 L Summa Canister
 Test Notes:
 Container ID: 1SC00986

Date Collected: 6/30/17
 Date Received: 7/7/17
 Date Analyzed: 7/10/17
 Volume(s) Analyzed: 0.00040 Liter(s)

Initial Pressure (psig): -0.12

Final Pressure (psig): 4.05

Canister Dilution Factor: 1.29

Compound	Sample Result		Duplicate Sample Result		Average µg/m ³	% RPD	RPD Limit	Data Qualifier
	µg/m ³	ppbV	µg/m ³	ppbV				
n-Octane	2,260	484	2,590	555	2425	14	25	
Tetrachloroethene	30,300	4,470	34,700	5,120	32500	14	25	
Chlorobenzene	3,990	867	4,520	983	4255	12	25	
Ethylbenzene	14,400	3,310	15,900	3,660	15150	10	25	
m,p-Xylenes	51,000	11,700	55,700	12,800	53350	9	25	
Bromoform	ND	ND	ND	ND	-	-	25	
Styrene	ND	ND	ND	ND	-	-	25	
o-Xylene	19,300	4,440	20,700	4,780	20000	7	25	
n-Nonane	ND	ND	ND	ND	-	-	25	
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	-	-	25	
Cumene	ND	ND	ND	ND	-	-	25	
alpha-Pinene	ND	ND	ND	ND	-	-	25	
n-Propylbenzene	ND	ND	ND	ND	-	-	25	
4-Ethyltoluene	ND	ND	ND	ND	-	-	25	
1,3,5-Trimethylbenzene	ND	ND	ND	ND	-	-	25	
1,2,4-Trimethylbenzene	ND	ND	ND	ND	-	-	25	
Benzyl Chloride	ND	ND	ND	ND	-	-	25	
1,3-Dichlorobenzene	ND	ND	ND	ND	-	-	25	
1,4-Dichlorobenzene	ND	ND	ND	ND	-	-	25	
1,2-Dichlorobenzene	ND	ND	ND	ND	-	-	25	
d-Limonene	5,680	1,020	5,520	991	5600	3	25	
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	-	-	25	
1,2,4-Trichlorobenzene	ND	ND	ND	ND	-	-	25	
Naphthalene	ND	ND	ND	ND	-	-	25	
Hexachlorobutadiene	ND	ND	ND	ND	-	-	25	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

APPENDIX E

**WRR TABLES CONTAINING ANALYTICAL RESULTS OF
MAY 2017 GROUNDWATER SAMPLES AND
PREVIOUS RESULTS DATING BACK TO MAY 9, 2009**

020	Drinking Water			RESULTS MONTH/YEAR																			
	DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40											< 0.44		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,1,2-Trichloroethane	0000790	5	0.5											< 0.39		< 0.16	< 0.16		< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
1,1-Dichloroethane	0000753	850	85											< 0.28		< 0.16	< 0.24		< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,1-Dichloroethene	0000753	7	0.7											< 0.43		< 0.41	< 0.41		< 0.41	< 0.41	< 0.41	< 0.41	< 0.41
1,2,3-Trichlorobenzene	0000876	NSE	NSE											< 0.77		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
1,2,4-Trichlorobenzene	0001208	70	14											< 2.5		< 2.2	< 2.2		< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
1,2-cis-Dichloroethene	0001565	70	7											< 0.42		< 0.26	< 0.26		< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
1,2-Dichlorobenzene	0000955	600	60											< 0.44		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dichloroethane	0001070	5	0.5											< 0.48		< 0.17	< 0.17		< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
1,2-Dichloropropane	0000788	5	0.5											< 0.50		< 0.23	< 0.23		< 0.23	< 0.23	< 0.23	< 0.23	< 0.23
1,2-trans-Dichloroethen	0001566	100	20											< 0.37		< 0.24	< 0.26		< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
1,4-Dichlorobenzene	0001064	75	15											< 0.43		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
124TRIMTHLBENZEN	0000956	480	96											< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
135TRIMTHLBENZEN	0001086	480	96											< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Chlorotoluene	0000954	NSE	NSE											< 0.48		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acetone	0000676	9000	1800											< 2.6		< 3.0	< 3.0		< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Benzene	0000714	5	0.5											< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chloroethane	0000750	400	80											< 0.44		< 0.37	< 0.37		< 0.37	< 0.37	< 0.37	< 0.37	< 0.37
Chloroform	0000676	6	0.6											< 0.69		< 2.5	< 2.5		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Chloromethane	0000748	30	3											< 0.39		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dichlorodifluoromethan	0000757	1000	200											< 0.40		< 0.16	< 0.20		< 0.22	< 0.22	< 0.22	< 0.22	< 0.22
Ethylbenzene	0001004	700	140											< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Fluorotrichloromethane	0000756	3490	698											< 0.48		< 0.17	< 0.17		< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Hexachlorobutadiene	0000876	NSE	NSE											< 1.3		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
Isopropyl Alcohol	0000676	NSE	NSE											< 40.8		< 24.3	< 24.3		657	< 24.3	< 24.3	< 24.3	< 24.3
Isopropyl ether	0001082	NSE	NSE											< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Isopropylbenzene	0000988	NSE	NSE											< 0.34		< 0.12	< 0.14		< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Methyl Ethyl Ketone	0000789	4000	800											< 2.7		< 3.0	< 3.0		< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Methyl Isobutyl Ketone	0001081	500	50											< 2.3		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
Methyl tert-butyl Ether	0016340	60	12											< 0.49		< 0.17	< 0.17		< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
Methylene Chloride	0000750	5	0.5											< 0.36		< 0.23	< 0.23		< 0.23	< 0.23	< 0.23	< 0.23	< 0.23
Naphthalene	0000912	100	10											< 2.5		< 2.5	< 2.5		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
n-Butylbenzene	0001045	NSE	NSE											< 0.40		< 0.22	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
p-Isopropyltoluene	0000998	NSE	NSE											< 0.40		< 0.13	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Styrene	0001004	100	10											< 0.35		< 0.15	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Tetrachloroethene	0001271	5	0.5											< 0.47		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Toluene	0001088	800	160											< 0.44		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total TriMthBenzenes	TOTALT	480	96											< .5		< .5	< 1		< 1	< 1	< 1	< 1	< 1
Total Xylenes	TOTAL X	2000	400											< .5		< .5	< 1.5		< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Trichloroethene	0000790	5	0.5											< 0.36		< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Vinyl Chloride	0000750	0.2	0.02											< 0.18		< 0.18	< 0.18		< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Xylene - M & P	1796012	2000	400											< 0.82		< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Xylene - O	0000954	2000	400											< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

10	Production Well			RESULTS MONTH/YEAR																			
	DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	9		10		4.2		3.7		20.5	<u>87.5</u>		14	< 25.0		< 13					<.78
1,1,2-Trichloroethane	0000790	5	0.5	<u>1.6</u>		<u>2.3</u>		<u>1.1</u>		<u>.57</u>		< 7.8	< 3.9			< 7.8		< 12					<.78
1,1-Dichloroethane	0000753	850	85	16		27		24		17		23.2	26.6		25	37.5		16					1.4
1,1-Dichloroethene	0000753	7	0.7	<u>.77</u>		< .83		< .42		< .4		< 8.5	< 4.3			< 20.5		< 13					<.78
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .3		< 1.1		< .54		< .52		< 15.4	< 7.7			< 107		< 9.5					<1.5
1,2,4-Trichlorobenzene	0001208	70	14	< .22		< 1.3		< .64		< .56		< 50.0	< 25.0			< 110		< 8.8					<.83
1,2-cis-Dichloroethene	0001565	70	7	<u>31</u>		<u>7.2</u>		2.2		< .41		<u>30.4</u>	<u>34.8</u>		<u>8.4</u>	< 12.8		< 15					<.94
1,2-Dichlorobenzene	0000955	600	60	< .16		< .63		< .32		< .37		< 8.8	< 4.4			< 25.0		< 9					<.82
1,2-Dichloroethane	0001070	5	0.5	<u>1.3</u>		<u>2.6</u>		<u>2.4</u>		<u>1.4</u>		< 9.5	< 4.8			< 8.4		< 16					<.78
1,2-Dichloropropane	0000788	5	0.5	.44		< .87		<u>.61</u>		.42		< 10	< 5.0			< 11.7		< 11					<1.1
1,2-trans-Dichloroethen	0001566	100	20	.41		< 1		< .52		< .39		< 7.4	< 3.7			< 12.8		< 13					<.68
1,4-Dichlorobenzene	0001064	75	15	< .3		< .89		< .44		< .44		< 8.7	< 4.3			< 25.0		< 16					<1.1
124TRIMTHLBENZEN	0000956	480	96	< .19		< .72		.58		< .47		< 11.4	< 5.0			< 25.0		< 10					<.83
135TRIMTHLBENZEN	0001086	480	96	< .19		< .78		< .39		< .51		< 50.0	< 5.0			< 25.0		< 13					<.85
2-Chlorotoluene	0000954	NSE	NSE	< .19		< .8		< .4		< .51		< 9.5	< 4.8			< 25.0		< 14					<1
Acetone	0000676	9000	1800	18		39		< 8.3		< 8.3		<u>2420</u>	<u>2020</u>		<u>2300</u>	<u>2850</u>		570					310
Benzene	0000714	5	0.5	< .24		< .78		< .39		< .51		< 10.0	< 5.0			< 25.0		< 15					<.95
Chloroethane	0000750	400	80	< 1.1		< 6.1		< 3		< 4.1		< 8.9	< 4.4			< 18.7		< 61					7.3
Chloroform	0000676	6	0.6	< .13		< .81		< .4		< .45		< 13.8	< 6.9			< 125		< 13					<0.88
Chloromethane	0000748	30	3	< .23		< .93		< .47		< .48		< 7.8	< 3.9			< 25.0		< 11					<.88
Dichlorodifluoromethan	0000757	1000	200	< .25		< 1.2		< .58		< .38		< 8.0	< 4.0			< 10.1		< 14					<.66
Ethylbenzene	0001004	700	140	.58		2.5		< .41		< .43		34.8	52.3			< 25.0		17					10
Fluorotrichloromethane	0000756	3490	698	< .21		< 1.3		< .63		< .51		< 9.5	< 4.8			< 8.6		< 14					<.80
Hexachlorobutadiene	0000876	NSE	NSE	< .25		< 1.8		< .89		< .45		< 25.1	< 12.6			< 105		< 12					<1.2
Isopropyl Alcohol	0000676	NSE	NSE	16		< 33		23		< 13		2830	3710		1800	4140		950					290
Isopropyl ether	0001082	NSE	NSE	.18		< .98		< .49		< .38		< 10.0	< 5.0			< 25.0		< 12					<.88
Isopropylbenzene	0000988	NSE	NSE	< .18		< .86		< .43		< .44		< 6.8	< 3.4			< 7.2		< 12					<.74
Methyl Ethyl Ketone	0000789	4000	800	2.4		< 4		2.1		< 2		<u>1220</u>	<u>1400</u>		610	<u>990</u>		290					79
Methyl Isobutyl Ketone	0001081	500	50	3		< 2.1		< 1.1		< .63		<u>112</u>	<u>192</u>			< 107		33					28
Methyl tert-butyl Ether	0016340	60	12	< .19		< 1.1		< .57		< .38		< 9.9	< 4.9			< 8.7		< 14					<.82
Methylene Chloride	0000750	5	0.5	.22		< 1.9		< .96		< .8		< 7.2	< 3.6			13.6		< 13					<u>1.1</u>
Naphthalene	0000912	100	10	< .32		< 1.6		< .81		< .64		< 50.0	< 25.0			< 125		< 17					<1.7
n-Butylbenzene	0001045	NSE	NSE	< .23		< .72		< .36		< .49		< 8.0	< 4.0			< 25.0		< 9.8					<.82
p-Isopropyltoluene	0000998	NSE	NSE	< .16		< .76		< .38		< .41		< 7.9	< 4.0			< 25.0		< 11					<.7
Styrene	0001004	100	10	< .2		< .68		< .34		< .39		< 7.0	< 3.5			< 25.0		< 9.3					<.74
Tetrachloroethene	0001271	5	0.5	24		33		22		9.9		16.2	13			< 25.0		< 11					<u>.92</u>
Toluene	0001088	800	160	6.2		.81		< .34		< .46		<u>718</u>	<u>1070</u>		<u>760</u>	<u>557</u>		<u>340</u>					120
Total TriMthBenzenes	TOTALT	480	96	< .19		< .72		.58		< .47		< 11.4	< 5			< 50		< 23					<.98
Total Xylenes	TOTAL X	2000	400	1.93		11		10.5		< .45		< 10	< 5		105	< 75		47					33.4
Trichloroethene	0000790	5	0.5	<u>2.1</u>		<u>1.2</u>		<u>1.9</u>		<u>.67</u>		< 8.6	< 3.6			< 16.5		< 15					<1.3
Vinyl Chloride	0000750	0.2	0.02	1.7		1.9		.84		< .3		9.1	14.2			< 8.8		< 7.8					<.68
Xylene - M & P	1796012	2000	400	1.2		7.2		6.5		< .91		94.5	140		82	54.4		47					26
Xylene - O	0000954	2000	400	.73		3.8		4		< .45		28.9	44.2		23	< 25.0		< 13					7.4

100	W-1	RESULTS MONTH/YEAR																					
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40	< .22		< .2		< .21		< .21		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50	
1,1,2-Trichloroethane	0000790	5	0.5	< .23		< .17		< .25		< .25		< 0.39			< 0.16			< 0.20		< 0.20		< 0.20	
1,1-Dichloroethane	0000753	850	85	< .21		< .16		< .19		< .19		< 0.28			0.69			< 0.24		< 0.24		0.50	
1,1-Dichloroethene	0000753	7	0.7	< .21		< .15		< .2		< .2		< 0.43			< 0.41			< 0.41		< 0.41		< 0.41	
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .27		< .23		< .26		< .26		< 0.77			< 2.1			< 2.1		< 2.1		< 2.1	
1,2,4-Trichlorobenzene	0001208	70	14	< .32		< .3		< .28		< .28		< 2.5			< 2.2			< 2.2		< 2.2		< 2.2	
1,2-cis-Dichloroethene	0001565	70	7	< .2		< .12		< .21		< .21		< 0.42			1.8			< 0.26		< 0.26		1.6	
1,2-Dichlorobenzene	0000955	600	60	< .16		< .13		< .19		< .19		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50	
1,2-Dichloroethane	0001070	5	0.5	< .16		< .22		< .24		< .24		< 0.48			< 0.17			< 0.17		< 0.17		< 0.17	
1,2-Dichloropropane	0000788	5	0.5	< .22		< .21		< .2		< .2		< 0.50			< 0.23			< 0.23		< 0.23		< 0.23	
1,2-trans-Dichloroethen	0001566	100	20	< .26		< .13		< .19		< .19		< 0.37			< 0.24			< 0.26		< 0.26		0.44	
1,4-Dichlorobenzene	0001064	75	15	< .22		< .13		< .22		< .22		< 0.43			< 0.50			< 0.50		< 0.50		< 0.50	
124TRIMTHLBENZEN	0000956	480	96	< .18		< .12		< .24		< .24		< 0.57			< 0.50			< 0.50		< 0.50		< 0.50	
135TRIMTHLBENZEN	0001086	480	96	< .2		< .12		< .25		< .25		< 2.5			< 0.50			< 0.50		< 0.50		< 0.50	
2-Chlorotoluene	0000954	NSE	NSE	< .2		< .15		< .26		< .26		< 0.48			< 0.50			< 0.50		< 0.50		< 0.50	
Acetone	0000676	9000	1800	< 4.2		< 4		< 4.2		< 4.2		< 2.6			< 3.0			< 3.0		< 3.0		< 3.0	
Benzene	0000714	5	0.5	< .2		< .13		< .26		< .26		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50	
Chloroethane	0000750	400	80	< 1.5		< .67		< 2.1		< 2.1		< 0.44			< 0.37			< 0.37		< 0.37		< 0.37	
Chloroform	0000676	6	0.6	< .2		< .13		< .23		< .23		< 0.69			< 2.5			< 2.5		< 2.5		< 2.5	
Chloromethane	0000748	30	3	< .23		.66		< .24		< .24		< 0.39			< 0.50			< 0.50		< 0.50		< 0.50	
Dichlorodifluoromethan	0000757	1000	200	< .29		< .13		< .19		< .19		< 0.40			< 0.16			< 0.22		< 0.22		< 0.22	
Ethylbenzene	0001004	700	140	< .21		< .12		< .22		< .22		< 0.50			< 0.50			< 0.50		0.88		0.71	
Fluorotrichloromethane	0000756	3490	698	< .32		< .11		< .25		< .25		< 0.48			< 0.17			< 0.18		< 0.18		< 0.18	
Hexachlorobutadiene	0000876	NSE	NSE	< .45		< .36		< .23		< .23		< 1.3			< 2.1			< 2.1		< 2.1		< 2.1	
Isopropyl Alcohol	0000676	NSE	NSE	< 8.3		< 14		29		13		< 40.8			< 24.3			< 24.3		< 24.3		< 24.3	
Isopropyl ether	0001082	NSE	NSE	< .25		< .2		< .19		< .19		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50	
Isopropylbenzene	0000988	NSE	NSE	< .22		< .1		< .22		< .22		< 0.34			< 0.12			< 0.14		< 0.14		< 0.14	
Methyl Ethyl Ketone	0000789	4000	800	< 1		< 1		< 1		< 1		< 2.7			< 3.0			< 3.0		< 3.0		< 3.0	
Methyl Isobutyl Ketone	0001081	500	50	< .53		< .64		< .31		< .31		< 2.3			< 2.1			< 2.1		< 2.1		< 2.1	
Methyl tert-butyl Ether	0016340	60	12	< .28		< .13		< .19		.26		< 0.49			< 0.17			< 0.17		< 0.17		0.32	
Methylene Chloride	0000750	5	0.5	<u>2.7</u>		< .27		< .4		< .4		10.3			< 0.23			<u>1.1</u>		< 0.23		< 0.23	
Naphthalene	0000912	100	10	< .41		< .31		< .32		< .32		< 2.5			< 2.5			< 2.5		< 2.5		< 2.5	
n-Butylbenzene	0001045	NSE	NSE	< .18		< .14		< .24		< .24		< 0.40			< 0.22			< 0.50		< 0.50		< 0.50	
p-Isopropyltoluene	0000998	NSE	NSE	< .19		< .11		< .2		< .2		< 0.40			< 0.13			< 0.50		< 0.50		< 0.50	
Styrene	0001004	100	10	< .17		< .11		< .19		< .19		< 0.35			< 0.15			< 0.50		< 0.50		< 0.50	
Tetrachloroethene	0001271	5	0.5	< .21		< .18		.2		< .15		< 0.47			< 0.50			< 0.50		< 0.50		< 0.50	
Toluene	0001088	800	160	< .17		< .16		< .23		< .23		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50	
Total TriMthBenzenes	TOTALT	480	96	< .18		< .12		< .24		< .24		< .57			< .5			< 1		< 1		< 1	
Total Xylenes	TOTAL X	2000	400	< .24		< .16		< .22		< .22		< .5			< .5			< 1.5		< 1.5		< 1.5	
Trichloroethene	0000790	5	0.5	.37		< .16		< .25		< .25		< 0.43			< 0.33			< 0.33		< 0.33		6.2	
Vinyl Chloride	0000750	0.2	0.02	< .18		< .17		< .15		< .15		< 0.18			< 0.18			< 0.18		< 0.18		< 0.18	
Xylene - M & P	1796012	2000	400	< .33		< .22		< .46		< .46		< 0.82			< 1.0			< 1.0		< 1.0		< 1.0	
Xylene - O	0000954	2000	400	< .24		< .16		< .22		< .22		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50	

103	W-1A	RESULTS MONTH/YEAR																						
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	-P	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40	< 3.1	< 55	< 22	< 22	< 2.6	< .82	< 21	< 5.2	< 2.2	< 0.44		< 2.5	< 2.5		< 2.5	< 0.50	< 2.5	< 2.5	< 2.5	< 0.50	
1,1,2-Trichloroethane	0000790	5	0.5	< 5.2	< 56	< 23	< 23	< 3.2	< 1	< 25	< 6.3	< 1.9	< 0.39		< 0.78	< 0.78		< 0.99	< 0.20	< 0.99	< 0.99	< 0.99	< 0.20	
1,1-Dichloroethane	0000753	850	85	<u>270</u>	<u>220</u>	<u>120</u>	58	19	5.3	< 19	10	6.3	2.6		5.5	7.4		2.8	3.0	3.1	3.6	1.6		
1,1-Dichloroethene	0000753	7	0.7	< 5.4	< 52	< 21	< 21	< 2.5	< .8	< 20	< 5	< 2.1	< 0.43		< 2.1	< 2.1		< 2.1	< 0.41	< 2.1	< 2.1	< 2.1	< 0.41	
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< 7.4	< 68	< 27	< 27	< 3.3	< 1	< 26	< 6.5	< 3.8	< 0.77		< 10.7	< 10.7		< 10.7	< 2.1	< 10.7	< 10.7	< 10.7	< 2.1	
1,2,4-Trichlorobenzene	0001208	70	14	< 5.5	< 80	< 32	< 32	< 3.5	< 1.1	< 28	< 7.1	< 12.5	< 2.5		< 11.0	< 11.0		< 11.0	< 2.2	< 11.0	< 11.0	< 11.0	< 2.2	
1,2-cis-Dichloroethene	0001565	70	7	3500	3400	590	1300	<u>8.8</u>	2.9	960	260	413	<u>64.8</u>		313	323		166	160	134	154	28.2		
1,2-Dichlorobenzene	0000955	600	60	< 4	< 40	< 16	< 16	< 2.3	< .74	< 19	< 4.7	< 2.2	< 0.44		< 2.5	< 2.5		< 2.5	< 0.50	< 2.5	< 2.5	< 2.5	< 0.50	
1,2-Dichloroethane	0001070	5	0.5	< 3.8	< 41	< 16	< 16	< 3.1	< .98	< 24	< 6.1	< 2.4	< 0.48		< 0.84	< 0.84		< 0.84	< 0.17	< 0.84	< 0.84	< 0.84	< 0.17	
1,2-Dichloropropane	0000788	5	0.5	10	< 54	< 22	< 22	< 2.5	< .79	< 20	< 4.9	< 2.5	< 0.50		< 1.2	< 1.2		< 1.2	< 0.23	< 1.2	< 1.2	< 1.2	< 0.23	
1,2-trans-Dichloroethen	0001566	100	20	6.1	< 65	< 26	< 26	< 2.4	< .77	< 19	< 4.8	3.2	0.51		2.7	2.7		< 1.3	0.67	1.4	1.6	0.30		
1,4-Dichlorobenzene	0001064	75	15	< 7.4	< 56	< 22	< 22	< 2.7	< .87	< 22	< 5.5	< 2.2	< 0.43		< 2.5	< 2.5		< 2.5	< 0.50	< 2.5	< 2.5	< 2.5	< 0.50	
124TRIMTHLBENZEN	0000956	480	96	< 4.8	< 45	< 18	< 18	< 3	< .94	< 24	< 5.9	< 2.9	< 0.50		< 2.5	< 2.5		< 2.5	< 0.50	< 2.5	< 2.5	< 2.5	< 0.50	
135TRIMTHLBENZEN	0001086	480	96	< 4.9	< 49	< 20	< 20	< 3.2	< 1	< 25	< 6.4	< 12.5	< 0.50		< 2.5	< 2.5		< 2.5	< 0.50	< 2.5	< 2.5	< 2.5	< 0.50	
2-Chlorotoluene	0000954	NSE	NSE	< 4.7	< 50	< 20	< 20	< 3.2	< 1	< 26	< 6.4	< 2.4	< 0.48		< 2.5	< 2.5		< 2.5	< 0.50	< 2.5	< 2.5	< 2.5	< 0.50	
Acetone	0000676	9000	1800	< 100	< 1000	< 420	< 420	< 52	< 17	< 420	< 100	< 12.9	< 2.6		< 14.8	< 14.8		< 14.8	< 3.0	< 14.8	< 14.8	< 14.8	8.7	
Benzene	0000714	5	0.5	< 6	< 49	< 20	< 20	< 3.2	< 1	< 26	< 6.4	< 2.5	< 0.50		< 2.5	< 2.5		< 2.5	< 0.50	< 2.5	< 2.5	< 2.5	< 0.50	
Chloroethane	0000750	400	80	< 29	< 380	< 150	< 150	< 26	< 8.2	< 210	< 51	< 2.2	< 0.44		< 1.9	< 1.9		< 1.9	< 0.37	< 1.9	< 1.9	< 1.9	< 0.37	
Chloroform	0000676	6	0.6	< 3.3	< 51	< 20	< 20	< 2.8	< .9	< 23	< 5.6	< 3.4	< 0.69		< 12.5	< 12.5		< 12.5	< 2.5	< 12.5	< 12.5	< 12.5	< 2.5	
Chloromethane	0000748	30	3	< 5.8	< 58	< 23	< 23	< 3	< .96	< 24	< 6	< 1.9	< 0.39		< 2.5	< 2.5		< 2.5	< 0.50	< 2.5	< 2.5	< 2.5	< 0.50	
Dichlorodifluoromethan	0000757	1000	200	< 6.2	< 72	42	< 29	< 2.4	< .76	< 19	< 4.8	< 2.0	< 0.40		< 0.78	26.2		< 1.1	< 0.22	< 1.1	< 1.1	< 1.1	1.8	
Ethylbenzene	0001004	700	140	<u>470</u>	<u>440</u>	<u>170</u>	84	< 2.7	5.1	77	70	<u>155</u>	2.9		<u>295</u>	<u>184</u>		<u>142</u>	76.1	18.1	49.6	2.2		
Fluorotrichloromethane	0000756	3490	698	< 5.3	< 79	< 32	< 32	< 3.2	< 1	< 25	< 6.4	< 2.4	< 0.48		< 0.86	< 0.86		< 0.92	< 0.18	< 0.92	< 0.92	< 0.92	< 0.18	
Hexachlorobutadiene	0000876	NSE	NSE	< 6.2	< 110	< 45	< 45	< 2.8	< .9	< 23	< 5.7	< 6.3	< 1.3		< 10.5	< 10.5		< 10.5	< 2.1	< 10.5	< 10.5	< 10.5	< 2.1	
Isopropyl Alcohol	0000676	NSE	NSE	< 250	< 2100	< 830	< 830	< 79	< 25	< 630	< 160	< 204	< 40.8		< 122	< 122		< 122	< 24.3	< 122	< 122	< 122	< 24.3	
Isopropyl ether	0001082	NSE	NSE	< 3.9	< 61	< 25	< 25	< 2.4	< .76	< 19	< 4.7	< 2.5	< 0.50		< 2.5	< 2.5		< 2.5	< 0.50	< 2.5	< 2.5	< 2.5	< 0.50	
Isopropylbenzene	0000988	NSE	NSE	< 4.4	< 54	< 22	< 22	< 2.8	< .89	< 22	< 5.6	< 1.7	< 0.34		< 0.58	< 0.72		< 0.72	0.34	< 0.72	< 0.72	< 0.72	0.25	
Methyl Ethyl Ketone	0000789	4000	800	< 12	< 250	< 100	< 100	< 13	< 4	< 100	< 25	< 13.5	< 2.7		< 14.9	< 14.9		< 14.9	< 3.0	< 14.9	< 14.9	< 14.9	< 3.0	
Methyl Isobutyl Ketone	0001081	500	50	< 9.2	< 130	< 53	< 53	< 3.9	< 1.3	< 31	< 7.8	< 11.7	< 2.3		< 10.7	< 10.7		< 10.7	< 2.1	< 10.7	< 10.7	< 10.7	< 2.1	
Methyl tert-butyl Ether	0016340	60	12	< 4.8	< 71	< 28	< 28	< 2.4	< .76	< 19	< 4.8	< 2.5	< 0.49		< 0.87	< 0.87		< 0.87	< 0.17	< 0.87	< 0.87	< 0.87	0.21	
Methylene Chloride	0000750	5	0.5	< 5.5	< 120	< 48	< 48	< 5	< 1.6	< 40	< 10	< 1.8	< 0.36		< 1.2	< 1.2		< 1.2	< 0.23	< 1.2	< 1.2	< 1.2	0.34	
Naphthalene	0000912	100	10	< 7.9	< 100	< 41	< 41	< 4	< 1.3	< 32	8.3	< 12.5	< 2.5		< 12.5	< 12.5		< 12.5	< 2.5	< 12.5	< 12.5	< 12.5	< 2.5	
n-Butylbenzene	0001045	NSE	NSE	< 5.6	< 45	< 18	< 18	< 3.1	< .98	< 24	< 6.1	< 2.0	< 0.40		< 1.1	< 2.5		< 2.5	< 0.50	< 2.5	< 2.5	< 2.5	< 0.50	
p-Isopropyltoluene	0000998	NSE	NSE	< 4.1	< 48	< 19	< 19	< 2.5	< .81	< 20	< 5.1	< 2.0	< 0.40		< 0.63	< 2.5		< 2.5	< 0.50	< 2.5	< 2.5	< 2.5	< 0.50	
Styrene	0001004	100	10	< 5	< 43	< 17	< 17	< 2.4	< .78	< 19	< 4.9	< 1.7	< 0.35		< 0.77	< 2.5		< 2.5	< 0.50	< 2.5	< 2.5	< 2.5	< 0.50	
Tetrachloroethene	0001271	5	0.5	< 3	< 52	< 21	< 21	< 1.8	< .58	< 15	< 3.7	< 2.4	< 0.47		< 2.5	< 2.5		< 2.5	< 0.50	< 2.5	< 2.5	< 2.5	< 0.50	
Toluene	0001088	800	160	14	< 43	< 17	< 17	< 2.9	2.7	< 23	11	15.9	1.5		12.4	24.4		5.7	3.3	< 2.5	10.3	2.1		
Total TriMthBenzenes	TOTALT	480	96	< 4.8	< 45	< 18	< 18	< 3	< .94	< 24	< 5.9	< 12.5	< .5		< 2.5	< 5		< 5	< 1	< 5	< 5	< 5	< 1	
Total Xylenes	TOTAL X	2000	400	<u>455.9</u>	<u>450</u>	270	170	< 2.8	10	65	69	< 2.5	< .5		< 2.5	52.5		38.6	47.3	42.5	265.7	55.6		
Trichloroethene	0000790	5	0.5	< 9.3	< 42	< 17	< 17	< 3.1	< .99	< 25	< 6.2	< 2.1	< 0.36		< 1.7	< 1.7		< 1.7	< 0.33	< 1.7	< 1.7	< 1.7	< 0.33	
Vinyl Chloride	0000750	0.2	0.02	360	650	1100	440	200	57	300	320	300	111		273	403		244	253	273	370	48.2		
Xylene - M & P	1796012	2000	400	<u>450</u>	<u>450</u>	270	170	< 5.7	10	65	69	91.6	2.1		38.3	47.0		36.0	43.6	39.2	254	49.7		
Xylene - O	0000954	2000	400	5.9	< 60	< 24	< 24	< 2.8	< .9	< 22	< 5.6	4.1	< 0.50		3.0	5.5		2.6	3.7	3.3	11.7	5.9		

109	W-1D	RESULTS MONTH/YEAR																						
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	-P	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40	< 6.3	< 55	< 22	< 17	< 1.1	< 1	< 10	< 2.6	< 2.2	< 0.44	< 0.44	< 1.0	< 2.0			< 2.0	< 0.50	< 1.0	< 1.0	< 0.50	
1,1,2-Trichloroethane	0000790	5	0.5	< 10	< 56	< 23	< 18	< 1.1	< 1.3	< 13	< 3.2	< 1.9	< 0.39	< 0.39	< 0.31	< 0.62			< 0.79	< 0.20	< 0.39	< 0.39	< 0.20	
1,1-Dichloroethane	0000753	850	85	<u>270</u>	<u>200</u>	<u>180</u>	<u>110</u>	76	53	45	21	41.9	6.8	39.0	28.2	30.9			13.8	5.3	10.0	10.6	5.4	
1,1-Dichloroethene	0000753	7	0.7	< 11	< 52	< 21	< 17	< 1	< 1	< 10	< 2.5	< 2.1	< 0.43	< 0.43	< 0.82	< 1.6			< 1.6	< 0.41	< 0.82	< 0.82	< 0.41	
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< 15	< 68	< 27	< 22	< 1.4	< 1.3	< 13	< 3.3	< 3.8	< 0.77	< 0.77	< 4.3	< 8.5			< 8.5	< 2.1	< 4.3	< 4.3	< 2.1	
1,2,4-Trichlorobenzene	0001208	70	14	< 11	< 80	< 32	< 25	< 1.6	< 1.4	< 14	< 3.5	< 12.5	< 2.5	< 2.5	< 4.4	< 8.8			< 8.8	< 2.2	< 4.4	< 4.4	< 2.2	
1,2-cis-Dichloroethene	0001565	70	7	1600	1200	1200	800	3.4	390	410	110	169	< 0.42	193	93.7	64.8			26.4	3.2	14.7	13.6	5.5	
1,2-Dichlorobenzene	0000955	600	60	< 7.9	< 40	< 16	< 13	< .79	< .93	< 9.3	< 2.3	< 2.2	< 0.44	< 0.44	< 1.0	< 2.0			< 2.0	< 0.50	< 1.0	< 1.0	< 0.50	
1,2-Dichloroethane	0001070	5	0.5	< 7.6	< 41	< 16	< 13	<u>.84</u>	< 1.2	< 12	< 3.1	< 2.4	< 0.48	< 0.48	0.48	< 0.67			< 0.67	< 0.17	< 0.34	< 0.34	0.20	
1,2-Dichloropropane	0000788	5	0.5	20	< 54	< 22	< 17	5	<u>4</u>	< 9.9	< 2.5	< 2.5	< 0.50	< 0.50	< 0.47	< 0.93			< 0.93	< 0.23	< 0.47	< 0.47	< 0.23	
1,2-trans-Dichloroethen	0001566	100	20	< 10	< 65	< 26	< 21	2.5	2.9	< 9.7	< 2.4	3.1	0.69	1.9	2.7	2.0			< 1.0	0.66	0.69	0.80	0.50	
1,4-Dichlorobenzene	0001064	75	15	< 15	< 56	< 22	< 18	< 1.1	< 1.1	< 11	< 2.7	< 2.2	< 0.43	< 0.43	< 1.0	< 2.0			< 2.0	< 0.50	< 1.0	< 1.0	< 0.50	
124TRIMTHLBENZEN	0000956	480	96	39	< 45	< 18	< 14	< .91	7	< 12	3.6	5.8	< 0.50	8.1	2.7	3.5			4.1	1.0	3.7	2.1	< 0.50	
135TRIMTHLBENZEN	0001086	480	96	13	< 49	< 20	< 16	< .98	1.7	< 13	< 3.2	< 12.5	< 0.50	< 0.50	< 1.0	< 2.0			< 2.0	< 0.50	< 1.0	< 1.0	< 0.50	
2-Chlorotoluene	0000954	NSE	NSE	< 9.5	< 50	< 20	< 16	< 1	< 1.3	< 13	< 3.2	< 2.4	< 0.48	< 0.48	< 1.0	< 2.0			< 2.0	< 0.50	< 1.0	< 1.0	< 0.50	
Acetone	0000676	9000	1800	< 200	< 1000	< 420	< 330	29	< 21	< 210	< 52	< 12.9	< 2.6	< 2.6	< 5.9	< 11.8			42.5	< 3.0	< 5.9	< 5.9	< 3.0	
Benzene	0000714	5	0.5	13	< 49	< 20	< 16	<u>1.3</u>	<u>3.5</u>	< 13	< 3.2	< 2.5	< 0.50	< 0.50	< 1.0	< 2.0			< 2.0	< 0.50	< 1.0	< 1.0	< 0.50	
Chloroethane	0000750	400	80	<u>110</u>	< 380	< 150	< 120	< 7.6	19	< 100	< 26	5.9	< 0.44	< 0.44	< 0.75	< 1.5			< 1.5	< 0.37	< 0.75	< 0.75	< 0.37	
Chloroform	0000676	6	0.6	< 6.5	< 51	< 20	< 16	< 1	< 1.1	< 11	< 2.8	< 3.4	< 0.69	< 0.69	< 5.0	< 10.0			< 10.0	< 2.5	< 5.0	< 5.0	< 2.5	
Chloromethane	0000748	30	3	< 12	120	< 23	< 19	< 1.2	< 1.2	< 12	< 3	< 1.9	< 0.39	< 0.39	< 1.0	< 2.0			< 2.0	< 0.50	< 1.0	< 1.0	< 0.50	
Dichlorodifluoromethan	0000757	1000	200	< 12	< 72	< 29	< 23	< 1.4	< .95	< 9.5	< 2.4	< 2.0	< 0.40	< 0.40	< 0.31	16.5			< 0.90	< 0.22	< 0.45	< 0.45	2.4	
Ethylbenzene	0001004	700	140	1100	1300	<u>660</u>	<u>480</u>	1.3	<u>290</u>	<u>370</u>	<u>150</u>	<u>422</u>	1.3	448	330	264			160	13.3	164	169	6.1	
Fluorotrichloromethane	0000756	3490	698	< 11	< 79	< 32	< 25	< 1.6	< 1.3	< 13	< 3.2	< 2.4	< 0.48	< 0.48	< 0.34	< 0.69			< 0.74	< 0.18	< 0.37	< 0.37	< 0.18	
Hexachlorobutadiene	0000876	NSE	NSE	< 12	< 110	< 45	< 36	< 2.2	< 1.1	< 11	< 2.8	< 6.3	< 1.3	< 1.3	< 4.2	< 8.4			< 8.4	< 2.1	< 4.2	< 4.2	< 2.1	
Isopropyl Alcohol	0000676	NSE	NSE	< 500	< 2100	< 830	< 660	< 41	< 32	< 320	< 79	< 204	< 40.8	< 40.8	< 48.7	< 97.4			790	< 24.3	< 48.7	< 48.7	< 24.3	
Isopropyl ether	0001082	NSE	NSE	< 7.8	< 61	< 25	< 20	< 1.2	< .95	< 9.5	< 2.4	< 2.5	< 0.50	< 0.50	< 1.0	< 2.0			< 2.0	< 0.50	< 1.0	< 1.0	< 0.50	
Isopropylbenzene	0000988	NSE	NSE	< 8.8	< 54	< 22	< 17	< 1.1	2.3	< 11	< 2.8	2.3	< 0.34	2.8	1.2	0.98			0.98	0.29	0.95	1.0	< 0.14	
Methyl Ethyl Ketone	0000789	4000	800	< 25	< 250	< 100	< 80	< 5	< 5	< 50	< 13	< 13.5	< 2.7	< 2.7	< 6.0	< 11.9			< 11.9	< 3.0	< 6.0	< 6.0	< 3.0	
Methyl Isobutyl Ketone	0001081	500	50	< 18	< 130	< 53	< 42	< 2.7	< 1.6	< 16	< 3.9	< 11.7	< 2.3	< 2.3	< 4.3	< 8.6			< 8.6	< 2.1	< 4.3	< 4.3	< 2.1	
Methyl tert-butyl Ether	0016340	60	12	< 9.6	< 71	< 28	< 23	< 1.4	< .95	< 9.5	< 2.4	< 2.5	< 0.49	< 0.49	< 0.35	< 0.70			< 0.70	< 0.17	< 0.35	< 0.35	< 0.17	
Methylene Chloride	0000750	5	0.5	< 11	< 120	< 48	< 38	< 2.4	< 2	< 20	< 5	< 1.8	< 0.36	< 0.36	< 0.47	< 0.93			< 0.93	< 0.23	< 0.47	< 0.47	<u>0.56</u>	
Naphthalene	0000912	100	10	< 16	< 100	< 41	< 32	< 2	< 1.6	< 16	< 4	< 12.5	< 2.5	< 2.5	< 5.0	< 10.0			< 10.0	< 2.5	< 5.0	< 5.0	< 2.5	
n-Butylbenzene	0001045	NSE	NSE	< 11	< 45	< 18	< 14	< .91	< 1.2	< 12	< 3.1	< 2.0	< 0.40	< 0.40	< 1.0	< 2.0			< 2.0	< 0.50	< 1.0	< 1.0	< 0.50	
p-Isopropyltoluene	0000998	NSE	NSE	< 8.2	< 48	< 19	< 15	< .95	< 1	< 10	< 2.5	< 2.0	< 0.40	< 0.40	< 1.0	< 2.0			< 2.0	< 0.50	< 1.0	< 1.0	< 0.50	
Styrene	0001004	100	10	< 10	< 43	< 17	< 14	< .86	4.5	< 9.7	< 2.4	< 1.7	< 0.35	< 0.35	< 1.0	< 2.0			< 2.0	< 0.50	< 1.0	< 1.0	< 0.50	
Tetrachloroethene	0001271	5	0.5	< 5.9	< 52	< 21	< 16	< 1	< .73	< 7.3	< 1.8	< 2.4	< 0.47	< 0.47	< 1.0	< 2.0			< 2.0	< 0.50	< 1.0	< 1.0	< 0.50	
Toluene	0001088	800	160	3300	3100	1000	<u>790</u>	7.9	<u>310</u>	<u>300</u>	87	129	1.3	160	78.7	58.0			20.0	1.7	12.0	11.7	1.4	
Total TriMthBenzenes	TOTALT	480	96	52	< 45	< 18	< 14	< .91	8.7	< 12	3.6	< 12.5	< .5	< .5	< 1	< 4			4.1	1	3.7	2.1	< 1	
Total Xylenes	TOTAL X	2000	400	3830	3980	2010	<u>1270</u>	6.5	<u>980</u>	<u>1300</u>	<u>540</u>	< 2.5	< .5	< .5	< 1	<u>824</u>			<u>458</u>	25.3	<u>426</u>	387	5.1	
Trichloroethene	0000790	5	0.5	< 19	< 42	< 17	< 13	< .84	< 1.2	< 12	< 3.1	< 2.1	< 0.36	< 0.36	< 0.66	< 1.3			< 1.3	< 0.33	< 0.66	< 0.66	< 0.33	
Vinyl Chloride	0000750	0.2	0.02	670	560	630	460	3.3	290	240	120	94.3	1.8	89.5	35.5	34.2			3.6	4.2	10.9	11.3	4.5	
Xylene - M & P	1796012	2000	400	2900	3000	<u>1500</u>	<u>960</u>	4.1	<u>740</u>	<u>1000</u>	<u>430</u>	<u>1100</u>	1.7	<u>1050</u>	<u>677</u>	<u>628</u>			355	20.5	330	298	4.1	
Xylene - O	0000954	2000	400	<u>930</u>	<u>980</u>	<u>510</u>	310	2.4	240	300	110	355	0.78	327	235	196			103	4.8	96.0	89.0	1.0	

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40				<u>85</u>					37.0			23.2			20.7		16.8		5.5
1,1,2-Trichloroethane	0000790	5	0.5				< .25					< 0.39			< 0.16			< 0.20		< 0.20		< 0.20
1,1-Dichloroethane	0000753	850	85				.23					< 0.28			< 0.16			< 0.24		< 0.24		< 0.24
1,1-Dichloroethene	0000753	7	0.7				<u>2</u>					<u>1.6</u>			0.56			0.51		< 0.41		< 0.41
1,2,3-Trichlorobenzene	0000876	NSE	NSE				< .26					< 0.77			< 2.1			< 2.1		< 2.1		< 2.1
1,2,4-Trichlorobenzene	0001208	70	14				< .28					< 2.5			< 2.2			< 2.2		< 2.2		< 2.2
1,2-cis-Dichloroethene	0001565	70	7				< .21					< 0.42			< 0.26			< 0.26		< 0.26		< 0.26
1,2-Dichlorobenzene	0000955	600	60				< .19					< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
1,2-Dichloroethane	0001070	5	0.5				< .24					< 0.48			< 0.17			< 0.17		< 0.17		< 0.17
1,2-Dichloropropane	0000788	5	0.5				< .2					< 0.50			< 0.23			< 0.23		< 0.23		< 0.23
1,2-trans-Dichloroethen	0001566	100	20				< .19					< 0.37			< 0.24			< 0.26		< 0.26		< 0.26
1,4-Dichlorobenzene	0001064	75	15				< .22					< 0.43			< 0.50			< 0.50		< 0.50		< 0.50
124TRIMTHLBENZEN	0000956	480	96				< .24					< 0.57			< 0.50			< 0.50		< 0.50		< 0.50
135TRIMTHLBENZEN	0001086	480	96				< .25					< 2.5			< 0.50			< 0.50		< 0.50		< 0.50
2-Chlorotoluene	0000954	NSE	NSE				< .26					< 0.48			< 0.50			< 0.50		< 0.50		< 0.50
Acetone	0000676	9000	1800				4.7					< 2.6			< 3.0			5.0		< 3.0		< 3.0
Benzene	0000714	5	0.5				< .26					< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Chloroethane	0000750	400	80				< 2.1					< 0.44			< 0.37			< 0.37		< 0.37		< 0.37
Chloroform	0000676	6	0.6				< .23					< 0.69			< 2.5			< 2.5		< 2.5		< 2.5
Chloromethane	0000748	30	3				< .24					< 0.39			< 0.50			< 0.50		< 0.50		< 0.50
Dichlorodifluoromethan	0000757	1000	200				< .19					< 0.40			< 0.16			< 0.22		< 0.22		< 0.22
Ethylbenzene	0001004	700	140				< .22					< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Fluorotrichloromethane	0000756	3490	698				< .25					< 0.48			< 0.17			< 0.18		< 0.18		< 0.18
Hexachlorobutadiene	0000876	NSE	NSE				< .23					< 1.3			< 2.1			< 2.1		< 2.1		< 2.1
Isopropyl Alcohol	0000676	NSE	NSE				31					< 40.8			30.6			129		< 24.3		< 24.3
Isopropyl ether	0001082	NSE	NSE				< .19					< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Isopropylbenzene	0000988	NSE	NSE				< .22					< 0.34			< 0.12			< 0.14		< 0.14		< 0.14
Methyl Ethyl Ketone	0000789	4000	800				1.8					< 2.7			< 3.0			< 3.0		< 3.0		< 3.0
Methyl Isobutyl Ketone	0001081	500	50				< .31					< 2.3			< 2.1			< 2.1		< 2.1		< 2.1
Methyl tert-butyl Ether	0016340	60	12				< .19					< 0.49			< 0.17			< 0.17		< 0.17		< 0.17
Methylene Chloride	0000750	5	0.5				< .4					< 0.36			< 0.23			< 0.23		< 0.23		< 0.23
Naphthalene	0000912	100	10				< .32					< 2.5			< 2.5			< 2.5		< 2.5		< 2.5
n-Butylbenzene	0001045	NSE	NSE				< .24					< 0.40			< 0.22			< 0.50		< 0.50		< 0.50
p-Isopropyltoluene	0000998	NSE	NSE				< .2					< 0.40			< 0.13			< 0.50		< 0.50		< 0.50
Styrene	0001004	100	10				< .19					< 0.35			< 0.15			< 0.50		< 0.50		< 0.50
Tetrachloroethene	0001271	5	0.5				68					45.8			21.6			27.1		31.0		12.3
Toluene	0001088	800	160				< .23					< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
Total TriMthBenzenes	TOTALT	480	96				< .24					< .57			< .5			< 1		< 1		< 1
Total Xylenes	TOTAL X	2000	400				< .22					< .5			< .5			< 1.5		< 1.5		< 1.5
Trichloroethene	0000790	5	0.5				18					9.4			6.0			4.5		3.3		0.80
Vinyl Chloride	0000750	0.2	0.02				< .15					< 0.18			< 0.18			< 0.18		< 0.18		< 0.18
Xylene - M & P	1796012	2000	400				< .46					< 0.82			< 1.0			< 1.0		< 1.0		< 1.0
Xylene - O	0000954	2000	400				< .22					< 0.50			< 0.50			< 0.50		< 0.50		< 0.50

115	W-2A	RESULTS MONTH/YEAR																					
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40	< .13		10		< .22		< .21		< 0.44			< 0.50			< 0.50		< 0.50		4.4	
1,1,2-Trichloroethane	0000790	5	0.5	< .21		< .17		< .23		< .25		< 0.39			< 0.16			< 0.20		< 0.20		< 0.20	
1,1-Dichloroethane	0000753	850	85	< .17		< .16		< .21		< .19		< 0.28			2.3			< 0.24		< 0.24		1.3	
1,1-Dichloroethene	0000753	7	0.7	< .22		.16		< .21		< .2		< 0.43			< 0.41			< 0.41		< 0.41		< 0.41	
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .3		< .23		< .27		< .26		< 0.77			< 2.1			< 2.1		< 2.1		< 2.1	
1,2,4-Trichlorobenzene	0001208	70	14	< .22		< .3		< .32		< .28		< 2.5			< 2.2			< 2.2		< 2.2		< 2.2	
1,2-cis-Dichloroethene	0001565	70	7	< .16		< .12		< .2		< .21		< 0.42			1.2			< 0.26		< 0.26		5.6	
1,2-Dichlorobenzene	0000955	600	60	< .16		< .13		< .16		< .19		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50	
1,2-Dichloroethane	0001070	5	0.5	< .15		< .22		< .16		< .24		< 0.48			< 0.17			< 0.17		< 0.17		< 0.17	
1,2-Dichloropropane	0000788	5	0.5	< .33		< .21		< .22		< .2		< 0.50			< 0.23			< 0.23		< 0.23		< 0.23	
1,2-trans-Dichloroethen	0001566	100	20	< .21		< .13		< .26		< .19		< 0.37			0.76			< 0.26		< 0.26		0.50	
1,4-Dichlorobenzene	0001064	75	15	< .3		< .13		< .22		< .22		< 0.43			< 0.50			< 0.50		< 0.50		< 0.50	
124TRIMTHLBENZEN	0000956	480	96	< .19		< .12		< .18		< .24		< 0.57			< 0.50			< 0.50		< 0.50		< 0.50	
135TRIMTHLBENZEN	0001086	480	96	< .19		< .12		< .2		< .25		< 2.5			< 0.50			< 0.50		< 0.50		< 0.50	
2-Chlorotoluene	0000954	NSE	NSE	< .19		< .15		< .2		< .26		< 0.48			< 0.50			< 0.50		< 0.50		< 0.50	
Acetone	0000676	9000	1800	< 4		< 4		< 4.2		< 4.2		< 2.6			< 3.0			3.2		< 3.0		< 3.0	
Benzene	0000714	5	0.5	< .24		< .13		< .2		< .26		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50	
Chloroethane	0000750	400	80	< 1.1		< .67		< 1.5		< 2.1		< 0.44			1.5			< 0.37		< 0.37		< 0.37	
Chloroform	0000676	6	0.6	< .13		< .13		< .2		< .23		< 0.69			< 2.5			< 2.5		< 2.5		< 2.5	
Chloromethane	0000748	30	3	< .23		< .28		< .23		< .24		< 0.39			< 0.50			< 0.50		< 0.50		< 0.50	
Dichlorodifluoromethan	0000757	1000	200	< .25		< .13		< .29		< .19		< 0.40			< 0.16			< 0.22		< 0.22		< 0.22	
Ethylbenzene	0001004	700	140	< .15		< .12		< .21		< .22		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50	
Fluorotrichloromethane	0000756	3490	698	< .21		< .11		< .32		< .25		< 0.48			< 0.17			< 0.18		< 0.18		< 0.18	
Hexachlorobutadiene	0000876	NSE	NSE	< .25		< .36		< .45		< .23		< 1.3			< 2.1			< 2.1		< 2.1		< 2.1	
Isopropyl Alcohol	0000676	NSE	NSE	< 10		< 14		< 8.3		< 6.3		< 40.8			36.5			75.8		< 24.3		< 24.3	
Isopropyl ether	0001082	NSE	NSE	< .16		< .2		< .25		< .19		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50	
Isopropylbenzene	0000988	NSE	NSE	< .18		< .1		< .22		< .22		< 0.34			< 0.12			< 0.14		< 0.14		< 0.14	
Methyl Ethyl Ketone	0000789	4000	800	< .5		< 1		< 1		< 1		< 2.7			< 3.0			< 3.0		< 3.0		< 3.0	
Methyl Isobutyl Ketone	0001081	500	50	< .37		< .64		< .53		< .31		< 2.3			< 2.1			< 2.1		< 2.1		< 2.1	
Methyl tert-butyl Ether	0016340	60	12	< .19		< .13		< .28		< .19		< 0.49			< 0.17			< 0.17		< 0.17		< 0.17	
Methylene Chloride	0000750	5	0.5	< .22		.31		< .48		< .4		< 0.36			< 0.23			< 0.23		< 0.23		< 0.23	
Naphthalene	0000912	100	10	< .32		< .31		< .41		< .32		< 2.5			< 2.5			< 2.5		< 2.5		< 2.5	
n-Butylbenzene	0001045	NSE	NSE	< .23		< .14		< .18		< .24		< 0.40			< 0.22			< 0.50		< 0.50		< 0.50	
p-Isopropyltoluene	0000998	NSE	NSE	< .16		< .11		< .19		< .2		< 0.40			< 0.13			< 0.50		< 0.50		< 0.50	
Styrene	0001004	100	10	< .2		< .11		< .17		< .19		< 0.35			< 0.15			< 0.50		< 0.50		< 0.50	
Tetrachloroethene	0001271	5	0.5	< .12		8.1		< .21		< .15		< 0.47			< 0.50			< 0.50		< 0.50		<u>0.94</u>	
Toluene	0001088	800	160	< .18		< .16		< .17		< .23		< 0.44			7.6			< 0.50		< 0.50		< 0.50	
Total TriMthBenzenes	TOTALT	480	96	< .19		< .12		< .18		< .24		< .57			< .5			< 1		< 1		< 1	
Total Xylenes	TOTAL X	2000	400	< .17		< .16		< .24		< .22		< .5			< .5			< 1.5		< 1.5		< 1.5	
Trichloroethene	0000790	5	0.5	< .37		<u>2.3</u>		< .17		< .25		< 0.43			< 0.33			< 0.33		< 0.33		<u>0.54</u>	
Vinyl Chloride	0000750	0.2	0.02	< .17		< .17		< .18		< .15		< 0.18			< 0.18			< 0.18		< 0.18		< 0.18	
Xylene - M & P	1796012	2000	400	< .28		< .22		< .33		< .46		< 0.82			< 1.0			< 1.0		< 1.0		< 1.0	
Xylene - O	0000954	2000	400	< .17		< .16		< .24		< .22		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50	

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40										5		1.7			1.0		0.98		26.6
1,1,2-Trichloroethane	0000790	5	0.5										< 0.39		< 0.16			< 0.20		< 0.20		< 0.20
1,1-Dichloroethane	0000753	850	85										0.43		0.22			< 0.24		< 0.24		8.2
1,1-Dichloroethene	0000753	7	0.7										0.45		< 0.41			< 0.41		< 0.41		< 0.41
1,2,3-Trichlorobenzene	0000876	NSE	NSE										< 0.77		< 2.1			< 2.1		< 2.1		< 2.1
1,2,4-Trichlorobenzene	0001208	70	14										< 2.5		< 2.2			< 2.2		< 2.2		< 2.2
1,2-cis-Dichloroethene	0001565	70	7										< 0.42		< 0.26			< 0.26		< 0.26		36.4
1,2-Dichlorobenzene	0000955	600	60										< 0.44		< 0.50			< 0.50		< 0.50		< 0.50
1,2-Dichloroethane	0001070	5	0.5										< 0.48		< 0.17			< 0.17		< 0.17		< 0.17
1,2-Dichloropropane	0000788	5	0.5										< 0.50		< 0.23			< 0.23		< 0.23		< 0.23
1,2-trans-Dichloroethen	0001566	100	20										< 0.37		< 0.24			< 0.26		< 0.26		1.3
1,4-Dichlorobenzene	0001064	75	15										< 0.43		< 0.50			< 0.50		< 0.50		< 0.50
124TRIMTHLBENZEN	0000956	480	96										< 0.50		< 0.50			< 0.50		< 0.50		< 0.50
135TRIMTHLBENZEN	0001086	480	96										< 0.50		< 0.50			< 0.50		< 0.50		< 0.50
2-Chlorotoluene	0000954	NSE	NSE										< 0.48		< 0.50			< 0.50		< 0.50		< 0.50
Acetone	0000676	9000	1800										< 2.6		< 3.0			< 3.0		< 3.0		< 3.0
Benzene	0000714	5	0.5										< 0.50		< 0.50			< 0.50		< 0.50		< 0.50
Chloroethane	0000750	400	80										< 0.44		< 0.37			< 0.37		< 0.37		0.39
Chloroform	0000676	6	0.6										< 0.69		< 2.5			< 2.5		< 2.5		< 2.5
Chloromethane	0000748	30	3										< 0.39		< 0.50			< 0.50		< 0.50		< 0.50
Dichlorodifluoromethan	0000757	1000	200										< 0.40		< 0.16			< 0.22		< 0.22		< 0.22
Ethylbenzene	0001004	700	140										< 0.50		< 0.50			< 0.50		< 0.50		< 0.50
Fluorotrichloromethane	0000756	3490	698										< 0.48		< 0.17			< 0.18		< 0.18		< 0.18
Hexachlorobutadiene	0000876	NSE	NSE										< 1.3		< 2.1			< 2.1		< 2.1		< 2.1
Isopropyl Alcohol	0000676	NSE	NSE										< 40.8		< 24.3			26.8		< 24.3		< 24.3
Isopropyl ether	0001082	NSE	NSE										< 0.50		< 0.50			< 0.50		< 0.50		< 0.50
Isopropylbenzene	0000988	NSE	NSE										< 0.34		< 0.12			< 0.14		< 0.14		< 0.14
Methyl Ethyl Ketone	0000789	4000	800										< 2.7		< 3.0			< 3.0		< 3.0		< 3.0
Methyl Isobutyl Ketone	0001081	500	50										< 2.3		< 2.1			< 2.1		< 2.1		< 2.1
Methyl tert-butyl Ether	0016340	60	12										< 0.49		< 0.17			< 0.17		< 0.17		< 0.17
Methylene Chloride	0000750	5	0.5										< 0.36		< 0.23			< 0.23		< 0.23		< 0.23
Naphthalene	0000912	100	10										< 2.5		< 2.5			< 2.5		< 2.5		< 2.5
n-Butylbenzene	0001045	NSE	NSE										< 0.40		< 0.22			< 0.50		< 0.50		< 0.50
p-Isopropyltoluene	0000998	NSE	NSE										< 0.40		< 0.13			< 0.50		< 0.50		< 0.50
Styrene	0001004	100	10										< 0.35		< 0.15			< 0.50		< 0.50		< 0.50
Tetrachloroethene	0001271	5	0.5										<u>2.1</u>		<u>0.86</u>			<u>0.79</u>		<u>1.1</u>		<u>3.5</u>
Toluene	0001088	800	160										1.9		1.7			< 0.50		< 0.50		< 0.50
Total TriMthBenzenes	TOTALT	480	96										< .5		< .5			< 1		< 1		< 1
Total Xylenes	TOTAL X	2000	400										< .5		< .5			< 1.5		< 1.5		< 1.5
Trichloroethene	0000790	5	0.5										<u>3.5</u>		<u>0.91</u>			0.35		0.48		<u>2.6</u>
Vinyl Chloride	0000750	0.2	0.02										< 0.18		< 0.18			< 0.18		< 0.18		<u>0.18</u>
Xylene - M & P	1796012	2000	400										< 0.82		< 1.0			< 1.0		< 1.0		< 1.0
Xylene - O	0000954	2000	400										< 0.50		< 0.50			< 0.50		< 0.50		< 0.50

121	W-3	RESULTS MONTH/YEAR																						
		DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40				< .21						< 0.44			< 0.50			< 0.50		< 0.50		< 0.50	
1,1,2-Trichloroethane	0000790	5	0.5				< .25						< 0.39			< 0.16			< 0.20		< 0.20		< 0.20	
1,1-Dichloroethane	0000753	850	85				< .19						< 0.28			< 0.16			< 0.24		< 0.24		< 0.24	
1,1-Dichloroethene	0000753	7	0.7				< .2						< 0.43			< 0.41			< 0.41		< 0.41		< 0.41	
1,2,3-Trichlorobenzene	0000876	NSE	NSE				< .26						< 0.77			< 2.1			< 2.1		< 2.1		< 2.1	
1,2,4-Trichlorobenzene	0001208	70	14				< .28						< 2.5			< 2.2			< 2.2		< 2.2		< 2.2	
1,2-cis-Dichloroethene	0001565	70	7				< .21						< 0.42			< 0.26			< 0.26		< 0.26		< 0.26	
1,2-Dichlorobenzene	0000955	600	60				< .19						< 0.44			< 0.50			< 0.50		< 0.50		< 0.50	
1,2-Dichloroethane	0001070	5	0.5				< .24						< 0.48			< 0.17			< 0.17		< 0.17		< 0.17	
1,2-Dichloropropane	0000788	5	0.5				< .2						< 0.50			< 0.23			< 0.23		< 0.23		< 0.23	
1,2-trans-Dichloroethen	0001566	100	20				< .19						< 0.37			< 0.24			< 0.26		< 0.26		< 0.26	
1,4-Dichlorobenzene	0001064	75	15				< .22						< 0.43			< 0.50			< 0.50		< 0.50		< 0.50	
124TRIMTHLBENZEN	0000956	480	96				< .24						< 0.57			< 0.50			< 0.50		< 0.50		< 0.50	
135TRIMTHLBENZEN	0001086	480	96				< .25						< 2.5			< 0.50			< 0.50		< 0.50		< 0.50	
2-Chlorotoluene	0000954	NSE	NSE				< .26						< 0.48			< 0.50			< 0.50		< 0.50		< 0.50	
Acetone	0000676	9000	1800				9						2.9			< 3.0			< 3.0		< 3.0		< 3.0	
Benzene	0000714	5	0.5				< .26						< 0.50			< 0.50			< 0.50		< 0.50		< 0.50	
Chloroethane	0000750	400	80				< 2.1						< 0.44			< 0.37			< 0.37		< 0.37		< 0.37	
Chloroform	0000676	6	0.6				< .23						< 0.69			< 2.5			< 2.5		< 2.5		< 2.5	
Chloromethane	0000748	30	3				< .24						< 0.39			< 0.50			< 0.50		< 0.50		< 0.50	
Dichlorodifluoromethan	0000757	1000	200				< .19						< 0.40			< 0.16			< 0.22		< 0.22		< 0.22	
Ethylbenzene	0001004	700	140				< .22						< 0.50			< 0.50			< 0.50		< 0.50		< 0.50	
Fluorotrichloromethane	0000756	3490	698				< .25						< 0.48			< 0.17			< 0.18		< 0.18		< 0.18	
Hexachlorobutadiene	0000876	NSE	NSE				< .23						< 1.3			< 2.1			< 2.1		< 2.1		< 2.1	
Isopropyl Alcohol	0000676	NSE	NSE				44						< 40.8			31.2			26.0		< 24.3		< 24.3	
Isopropyl ether	0001082	NSE	NSE				< .19						< 0.50			< 0.50			< 0.50		< 0.50		< 0.50	
Isopropylbenzene	0000988	NSE	NSE				< .22						< 0.34			< 0.12			< 0.14		< 0.14		< 0.14	
Methyl Ethyl Ketone	0000789	4000	800				< 1						< 2.7			< 3.0			< 3.0		< 3.0		< 3.0	
Methyl Isobutyl Ketone	0001081	500	50				< .31						< 2.3			< 2.1			< 2.1		< 2.1		< 2.1	
Methyl tert-butyl Ether	0016340	60	12				< .19						< 0.49			< 0.17			< 0.17		< 0.17		< 0.17	
Methylene Chloride	0000750	5	0.5				< .4						< 0.36			< 0.23			< 0.23		< 0.23		< 0.23	
Naphthalene	0000912	100	10				< .32						< 2.5			< 2.5			< 2.5		< 2.5		< 2.5	
n-Butylbenzene	0001045	NSE	NSE				< .24						< 0.40			< 0.22			< 0.50		< 0.50		< 0.50	
p-Isopropyltoluene	0000998	NSE	NSE				< .2						< 0.40			< 0.13			< 0.50		< 0.50		< 0.50	
Styrene	0001004	100	10				< .19						< 0.35			< 0.15			< 0.50		< 0.50		< 0.50	
Tetrachloroethene	0001271	5	0.5				.35						< 0.47			< 0.50			< 0.50		< 0.50		< 0.50	
Toluene	0001088	800	160				< .23						< 0.44			< 0.50			< 0.50		< 0.50		< 0.50	
Total TriMthBenzenes	TOTALT	480	96				< .24						< .57			< .5			< 1		< 1		< 1	
Total Xylenes	TOTAL X	2000	400				< .22						< .5			< .5			< 1.5		< 1.5		< 1.5	
Trichloroethene	0000790	5	0.5				< .25						< 0.43			< 0.33			< 0.33		< 0.33		< 0.33	
Vinyl Chloride	0000750	0.2	0.02				< .15						< 0.18			< 0.18			< 0.18		< 0.18		< 0.18	
Xylene - M & P	1796012	2000	400				< .46						< 0.82			< 1.0			< 1.0		< 1.0		< 1.0	
Xylene - O	0000954	2000	400				< .22						< 0.50			< 0.50			< 0.50		< 0.50		< 0.50	

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	< .13		< .2		< .22		< .21		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
1,1,2-Trichloroethane	0000790	5	0.5	< .21		< .17		< .23		< .25		< 0.39			< 0.16			< 0.20		< 0.20		< 0.20
1,1-Dichloroethane	0000753	850	85	< .17		< .16		< .21		< .19		< 0.28			< 0.16			< 0.24		< 0.24		< 0.24
1,1-Dichloroethene	0000753	7	0.7	< .22		< .15		< .21		< .2		< 0.43			< 0.41			< 0.41		< 0.41		< 0.41
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .3		< .23		< .27		< .26		< 0.77			< 2.1			< 2.1		< 2.1		< 2.1
1,2,4-Trichlorobenzene	0001208	70	14	< .22		< .3		< .32		< .28		< 2.5			< 2.2			< 2.2		< 2.2		< 2.2
1,2-cis-Dichloroethene	0001565	70	7	< .16		< .12		< .2		< .21		< 0.42			< 0.26			< 0.26		< 0.26		0.30
1,2-Dichlorobenzene	0000955	600	60	< .16		< .13		< .16		< .19		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
1,2-Dichloroethane	0001070	5	0.5	< .15		< .22		< .16		< .24		< 0.48			< 0.17			< 0.17		< 0.17		< 0.17
1,2-Dichloropropane	0000788	5	0.5	< .33		< .21		< .22		< .2		< 0.50			< 0.23			< 0.23		< 0.23		< 0.23
1,2-trans-Dichloroethen	0001566	100	20	< .21		< .13		< .26		< .19		< 0.37			< 0.24			< 0.26		< 0.26		< 0.26
1,4-Dichlorobenzene	0001064	75	15	< .3		< .13		< .22		< .22		< 0.43			< 0.50			< 0.50		< 0.50		< 0.50
124TRIMTHLBENZEN	0000956	480	96	< .19		< .12		< .18		< .24		< 0.57			< 0.50			< 0.50		< 0.50		< 0.50
135TRIMTHLBENZEN	0001086	480	96	< .19		< .12		< .2		< .25		< 2.5			< 0.50			< 0.50		< 0.50		< 0.50
2-Chlorotoluene	0000954	NSE	NSE	< .19		< .15		< .2		< .26		< 0.48			< 0.50			< 0.50		< 0.50		< 0.50
Acetone	0000676	9000	1800	< 4		4		< 4.2		6.6		< 2.6			< 3.0			< 3.0		< 3.0		< 3.0
Benzene	0000714	5	0.5	< .24		< .13		< .2		< .26		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Chloroethane	0000750	400	80	< 1.1		< .67		< 1.5		< 2.1		< 0.44			< 0.37			< 0.37		< 0.37		< 0.37
Chloroform	0000676	6	0.6	< .13		< .13		< .2		< .23		< 0.69			< 2.5			< 2.5		< 2.5		< 2.5
Chloromethane	0000748	30	3	< .23		< .28		< .23		< .24		< 0.39			< 0.50			< 0.50		< 0.50		< 0.50
Dichlorodifluoromethan	0000757	1000	200	< .25		< .13		< .29		< .19		< 0.40			< 0.16			< 0.22		< 0.22		< 0.22
Ethylbenzene	0001004	700	140	< .15		< .12		< .21		< .22		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Fluorotrichloromethane	0000756	3490	698	< .21		< .11		< .32		< .25		< 0.48			< 0.17			< 0.18		< 0.18		< 0.18
Hexachlorobutadiene	0000876	NSE	NSE	< .25		< .36		< .45		< .23		< 1.3			< 2.1			< 2.1		< 2.1		< 2.1
Isopropyl Alcohol	0000676	NSE	NSE	< 10		< 14		< 8.3		20		< 40.8			< 24.3			< 24.3		< 24.3		< 24.3
Isopropyl ether	0001082	NSE	NSE	< .16		< .2		< .25		< .19		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Isopropylbenzene	0000988	NSE	NSE	< .18		< .1		< .22		< .22		< 0.34			< 0.12			< 0.14		< 0.14		< 0.14
Methyl Ethyl Ketone	0000789	4000	800	.54		< 1		< 1		< 1		< 2.7			< 3.0			< 3.0		< 3.0		< 3.0
Methyl Isobutyl Ketone	0001081	500	50	< .37		< .64		< .53		< .31		< 2.3			< 2.1			< 2.1		< 2.1		< 2.1
Methyl tert-butyl Ether	0016340	60	12	< .19		< .13		< .28		< .19		< 0.49			< 0.17			< 0.17		< 0.17		< 0.17
Methylene Chloride	0000750	5	0.5	< .22		.4		< .48		< .4		< 0.36			< 0.23			< 0.23		< 0.23		< 0.23
Naphthalene	0000912	100	10	< .32		< .31		< .41		< .32		< 2.5			< 2.5			< 2.5		< 2.5		< 2.5
n-Butylbenzene	0001045	NSE	NSE	< .23		< .14		< .18		< .24		< 0.40			< 0.22			< 0.50		< 0.50		< 0.50
p-Isopropyltoluene	0000998	NSE	NSE	< .16		< .11		< .19		< .2		< 0.40			< 0.13			< 0.50		< 0.50		< 0.50
Styrene	0001004	100	10	< .2		< .11		< .17		< .19		< 0.35			< 0.15			< 0.50		< 0.50		< 0.50
Tetrachloroethene	0001271	5	0.5	< .12		< .18		< .21		< .15		< 0.47			< 0.50			< 0.50		< 0.50		< 0.50
Toluene	0001088	800	160	< .18		.21		< .17		< .23		< 0.44			0.97			< 0.50		< 0.50		< 0.50
Total TriMthBenzenes	TOTALT	480	96	< .19		< .12		< .18		< .24		< .57			< .5			< 1		< 1		< 1
Total Xylenes	TOTAL X	2000	400	< .17		< .16		< .24		< .22		< .5			< .5			< 1.5		< 1.5		< 1.5
Trichloroethene	0000790	5	0.5	< .37		< .16		< .17		.27		< 0.43			< 0.33			< 0.33		< 0.33		< 0.33
Vinyl Chloride	0000750	0.2	0.02	< .17		< .17		< .18		< .15		< 0.18			< 0.18			< 0.18		< 0.18		< 0.18
Xylene - M & P	1796012	2000	400	< .28		< .22		< .33		< .46		< 0.82			< 1.0			< 1.0		< 1.0		< 1.0
Xylene - O	0000954	2000	400	< .17		< .16		< .24		< .22		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	< .13		< .22		< .22		< .21		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
1,1,2-Trichloroethane	0000790	5	0.5	< .21		< .23		< .23		< .25		< 0.39			< 0.16			< 0.20		< 0.20		< 0.20
1,1-Dichloroethane	0000753	850	85	< .17		< .21		.45		< .19		< 0.28			< 0.16			< 0.24		< 0.24		< 0.24
1,1-Dichloroethene	0000753	7	0.7	< .22		< .21		< .21		< .2		< 0.43			< 0.41			< 0.41		< 0.41		< 0.41
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .3		< .27		< .27		< .26		< 0.77			< 2.1			< 2.1		< 2.1		< 2.1
1,2,4-Trichlorobenzene	0001208	70	14	< .22		< .32		< .32		< .28		< 2.5			< 2.2			< 2.2		< 2.2		< 2.2
1,2-cis-Dichloroethene	0001565	70	7	< .16		< .2		.38		< .21		< 0.42			< 0.26			< 0.26		< 0.26		< 0.26
1,2-Dichlorobenzene	0000955	600	60	< .16		< .16		< .16		< .19		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
1,2-Dichloroethane	0001070	5	0.5	< .15		< .16		< .16		< .24		< 0.48			< 0.17			< 0.17		< 0.17		< 0.17
1,2-Dichloropropane	0000788	5	0.5	< .33		< .22		< .22		< .2		< 0.50			< 0.23			< 0.23		< 0.23		< 0.23
1,2-trans-Dichloroethen	0001566	100	20	< .21		< .26		< .26		< .19		< 0.37			< 0.24			< 0.26		< 0.26		< 0.26
1,4-Dichlorobenzene	0001064	75	15	< .3		< .22		< .22		< .22		< 0.43			< 0.50			< 0.50		< 0.50		< 0.50
124TRIMTHLBENZEN	0000956	480	96	< .19		< .18		< .18		< .24		< 0.57			< 0.50			< 0.50		< 0.50		< 0.50
135TRIMTHLBENZEN	0001086	480	96	< .19		< .2		< .2		< .25		< 2.5			< 0.50			< 0.50		< 0.50		< 0.50
2-Chlorotoluene	0000954	NSE	NSE	< .19		< .2		< .2		< .26		< 0.48			< 0.50			< 0.50		< 0.50		< 0.50
Acetone	0000676	9000	1800	< 4		9.2		< 4.2		< 4.2		< 2.6			< 3.0			3.2		< 3.0		< 3.0
Benzene	0000714	5	0.5	< .24		< .2		< .2		< .26		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Chloroethane	0000750	400	80	< 1.1		< 1.5		< 1.5		< 2.1		< 0.44			< 0.37			< 0.37		< 0.37		< 0.37
Chloroform	0000676	6	0.6	< .13		< .2		< .2		< .23		< 0.69			< 2.5			< 2.5		< 2.5		< 2.5
Chloromethane	0000748	30	3	< .23		< .23		< .23		< .24		< 0.39			< 0.50			< 0.50		< 0.50		< 0.50
Dichlorodifluoromethan	0000757	1000	200	< .25		< .29		< .29		< .19		< 0.40			< 0.16			< 0.22		< 0.22		< 0.22
Ethylbenzene	0001004	700	140	< .15		< .21		< .21		< .22		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Fluorotrichloromethane	0000756	3490	698	< .21		< .32		< .32		< .25		< 0.48			< 0.17			< 0.18		< 0.18		< 0.18
Hexachlorobutadiene	0000876	NSE	NSE	< .25		< .45		< .45		< .23		< 1.3			< 2.1			< 2.1		< 2.1		< 2.1
Isopropyl Alcohol	0000676	NSE	NSE	< 10		9.1		< 8.3		9.6		< 40.8			27.8			26.2		< 24.3		< 24.3
Isopropyl ether	0001082	NSE	NSE	< .16		< .25		< .25		< .19		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Isopropylbenzene	0000988	NSE	NSE	< .18		< .22		< .22		< .22		< 0.34			< 0.12			< 0.14		< 0.14		< 0.14
Methyl Ethyl Ketone	0000789	4000	800	< .5		2.2		< 1		< 1		< 2.7			< 3.0			< 3.0		< 3.0		< 3.0
Methyl Isobutyl Ketone	0001081	500	50	< .37		< .53		< .53		< .31		< 2.3			< 2.1			< 2.1		< 2.1		< 2.1
Methyl tert-butyl Ether	0016340	60	12	< .19		< .28		< .28		< .19		< 0.49			< 0.17			< 0.17		< 0.17		< 0.17
Methylene Chloride	0000750	5	0.5	< .22		< .48		< .48		< .4		< 0.36			< 0.23			< 0.23		< 0.23		< 0.23
Naphthalene	0000912	100	10	< .32		< .41		< .41		< .32		< 2.5			< 2.5			< 2.5		< 2.5		< 2.5
n-Butylbenzene	0001045	NSE	NSE	< .23		< .18		< .18		< .24		< 0.40			< 0.22			< 0.50		< 0.50		< 0.50
p-Isopropyltoluene	0000998	NSE	NSE	< .16		< .19		< .19		< .2		< 0.40			< 0.13			< 0.50		< 0.50		< 0.50
Styrene	0001004	100	10	< .2		< .17		< .17		< .19		< 0.35			< 0.15			< 0.50		< 0.50		< 0.50
Tetrachloroethene	0001271	5	0.5	< .12		< .21		< .21		< .15		< 0.47			< 0.50			< 0.50		< 0.50		< 0.50
Toluene	0001088	800	160	< .18		.2		2.1		< .23		< 0.44			1.0			< 0.50		< 0.50		< 0.50
Total TriMthBenzenes	TOTALT	480	96	< .19		< .18		< .18		< .24		< .57			< .5			< 1		< 1		< 1
Total Xylenes	TOTAL X	2000	400	< .17		< .24		< .24		< .22		< .5			< .5			< 1.5		< 1.5		< 1.5
Trichloroethene	0000790	5	0.5	< .37		< .17		< .17		< .25		< 0.43			< 0.33			< 0.33		< 0.33		< 0.33
Vinyl Chloride	0000750	0.2	0.02	< .17		< .18		< .18		< .15		< 0.18			< 0.18			< 0.18		< 0.18		< 0.18
Xylene - M & P	1796012	2000	400	< .28		< .33		< .33		< .46		< 0.82			< 1.0			< 1.0		< 1.0		< 1.0
Xylene - O	0000954	2000	400	< .17		< .24		< .24		< .22		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50

130	W-4	RESULTS MONTH/YEAR																						
		DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
		1,1,1-Trichloroethane	0000715	200	40					< .21	< .21			< 0.44						< 0.50		< 0.50		< 0.50
		1,1,2-Trichloroethane	0000790	5	0.5					< .25	< .25			< 0.39						< 0.16		< 0.20		< 0.20
		1,1-Dichloroethane	0000753	850	85					< .19	< .19			< 0.28						< 0.16		< 0.24		< 0.24
		1,1-Dichloroethene	0000753	7	0.7					< .2	< .2			< 0.43						< 0.41		< 0.41		< 0.41
		1,2,3-Trichlorobenzene	0000876	NSE	NSE					< .26	< .26			< 0.77						< 2.1		< 2.1		< 2.1
		1,2,4-Trichlorobenzene	0001208	70	14					< .28	< .28			< 2.5						< 2.2		< 2.2		< 2.2
		1,2-cis-Dichloroethene	0001565	70	7					< .21	< .21			< 0.42						< 0.26		< 0.26		< 0.26
		1,2-Dichlorobenzene	0000955	600	60					< .19	< .19			< 0.44						< 0.50		< 0.50		< 0.50
		1,2-Dichloroethane	0001070	5	0.5					< .24	< .24			< 0.48						< 0.17		< 0.17		< 0.17
		1,2-Dichloropropane	0000788	5	0.5					< .2	< .2			< 0.50						< 0.23		< 0.23		< 0.23
		1,2-trans-Dichloroethen	0001566	100	20					< .19	< .19			< 0.37						< 0.24		< 0.26		< 0.26
		1,4-Dichlorobenzene	0001064	75	15					< .22	< .22			< 0.43						< 0.50		< 0.50		< 0.50
		124TRIMTHLBENZEN	0000956	480	96					< .24	< .24			< 0.57						< 0.50		< 0.50		< 0.50
		135TRIMTHLBENZEN	0001086	480	96					< .25	< .25			< 2.5						< 0.50		< 0.50		< 0.50
		2-Chlorotoluene	0000954	NSE	NSE					< .26	< .26			< 0.48						< 0.50		< 0.50		< 0.50
		Acetone	0000676	9000	1800					4.4	34			6.7						6.8		< 3.0		< 3.0
		Benzene	0000714	5	0.5					< .26	< .26			< 0.50						< 0.50		< 0.50		< 0.50
		Chloroethane	0000750	400	80					< 2.1	< 2.1			< 0.44						< 0.37		< 0.37		< 0.37
		Chloroform	0000676	6	0.6					< .23	< .23			< 0.69						< 2.5		< 2.5		< 2.5
		Chloromethane	0000748	30	3					< .24	< .24			< 0.39						< 0.50		< 0.50		< 0.50
		Dichlorodifluoromethan	0000757	1000	200					< .19	< .19			< 0.40						< 0.16		< 0.22		< 0.22
		Ethylbenzene	0001004	700	140					< .22	< .22			< 0.50						< 0.50		< 0.50		< 0.50
		Fluorotrichloromethane	0000756	3490	698					< .25	< .25			< 0.48						< 0.17		< 0.18		< 0.18
		Hexachlorobutadiene	0000876	NSE	NSE					< .23	< .23			< 1.3						< 2.1		< 2.1		< 2.1
		Isopropyl Alcohol	0000676	NSE	NSE					45	19			< 40.8						82.8		< 24.3		< 24.3
		Isopropyl ether	0001082	NSE	NSE					< .19	< .19			< 0.50						< 0.50		< 0.50		< 0.50
		Isopropylbenzene	0000988	NSE	NSE					< .22	< .22			< 0.34						< 0.12		< 0.14		< 0.14
		Methyl Ethyl Ketone	0000789	4000	800					< 1	< 1			< 2.7						< 3.0		< 3.0		< 3.0
		Methyl Isobutyl Ketone	0001081	500	50					< .31	2.6			< 2.3						< 2.1		< 2.1		< 2.1
		Methyl tert-butyl Ether	0016340	60	12					< .19	< .19			< 0.49						115		< 0.17		< 0.17
		Methylene Chloride	0000750	5	0.5					< .4	< .4			< 0.36						<u>1.0</u>		< 0.23		< 0.23
		Naphthalene	0000912	100	10					< .32	< .32			< 2.5						< 2.5		< 2.5		< 2.5
		n-Butylbenzene	0001045	NSE	NSE					< .24	< .24			< 0.40						< 0.22		< 0.50		< 0.50
		p-Isopropyltoluene	0000998	NSE	NSE					< .2	< .2			< 0.40						< 0.13		< 0.50		< 0.50
		Styrene	0001004	100	10					< .19	< .19			< 0.35						< 0.15		< 0.50		< 0.50
		Tetrachloroethene	0001271	5	0.5					<u>2.9</u>	<u>.61</u>			<u>0.70</u>						<u>0.57</u>		< 0.50		< 0.50
		Toluene	0001088	800	160					< .23	< .23			< 0.44						< 0.50		< 0.50		< 0.50
		Total TriMthBenzenes	TOTALT	480	96					< .24	< .24			< .57						< .5		< 1		< 1
		Total Xylenes	TOTAL X	2000	400					< .22	< .22			< .5						< .5		< 1.5		< 1.5
		Trichloroethene	0000790	5	0.5					< .25	< .25			< 0.43						< 0.33		< 0.33		< 0.33
		Vinyl Chloride	0000750	0.2	0.02					< .15	< .15			< 0.18						< 0.18		< 0.18		< 0.18
		Xylene - M & P	1796012	2000	400					< .46	< .46			< 0.82						< 1.0		< 1.0		< 1.0
		Xylene - O	0000954	2000	400					< .22	< .22			< 0.50						< 0.50		< 0.50		< 0.50

133	W-5	RESULTS MONTH/YEAR																				
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	4.7	8.4	<u>57</u>	<u>81</u>	40	<u>69</u>	<u>120</u>	270	23.5	25		<u>40.9</u>	23.6		<u>49.8</u>	<u>49.3</u>	12.4	2.3	< 0.50
1,1,2-Trichloroethane	0000790	5	0.5	< 1	< .56	< .17	< 1.3	< 2.5	< 2.5	< 5.1	< 5.1	< 0.39	< 0.39		< 0.16	< 0.16		< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
1,1-Dichloroethane	0000753	850	85	31	32	<u>130</u>	71	20	81	<u>200</u>	<u>370</u>	16.4	41.9		67.9	22.8		68.4	38.0	9.9	0.35	< 0.24
1,1-Dichloroethene	0000753	7	0.7	< 1.1	< .52	< .15	< 1.2	< 2	< 2	< 4	< 4	<u>1.3</u>	< 0.43		< 0.41	0.51		< 0.41	0.61	<u>0.76</u>	< 0.41	< 0.41
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< 1.5	< .68	< .23	< 1.8	< 2.6	< 2.6	< 5.2	< 5.2	< 0.77	< 0.77		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
1,2,4-Trichlorobenzene	0001208	70	14	< 1.1	< .8	< .3	< 2.4	< 2.8	< 2.8	< 5.6	< 5.6	< 2.5	< 2.5		< 2.2	< 2.2		< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
1,2-cis-Dichloroethene	0001565	70	7	<u>11</u>	<u>13</u>	95	<u>68</u>	<u>18</u>	<u>53</u>	140	290	<u>13.9</u>	<u>21.7</u>		<u>37.1</u>	6.8		<u>24.5</u>	<u>9.3</u>	3.2	0.49	< 0.26
1,2-Dichlorobenzene	0000955	600	60	< .79	< .4	< .13	< 1	< 1.9	< 1.9	< 3.7	< 3.7	< 0.44	< 0.44		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dichloroethane	0001070	5	0.5	< .76	< .41	< .22	< 1.8	< 2.4	< 2.4	< 4.9	< 4.9	< 0.48	< 0.48		< 0.17	< 0.17		< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
1,2-Dichloropropane	0000788	5	0.5	< 1.6	< .54	.26	< 1.7	< 2	< 2	< 3.9	< 3.9	< 0.50	< 0.50		< 0.23	< 0.23		< 0.23	< 0.23	< 0.23	< 0.23	< 0.23
1,2-trans-Dichloroethen	0001566	100	20	< 1	< .65	1.8	1.1	< 1.9	< 1.9	< 3.9	< 3.9	0.44	0.49		0.62	0.41		1.4	0.44	< 0.26	< 0.26	< 0.26
1,4-Dichlorobenzene	0001064	75	15	< 1.5	< .56	< .13	< 1	< 2.2	< 2.2	< 4.4	< 4.4	< 0.43	< 0.43		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
124TRIMTHLBENZEN	0000956	480	96	< .95	< .45	< .12	< .96	< 2.4	< 2.4	< 4.7	< 4.7	< 0.57	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
135TRIMTHLBENZEN	0001086	480	96	< .97	< .49	< .12	< .97	< 2.5	< 2.5	< 5.1	< 5.1	< 2.5	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Chlorotoluene	0000954	NSE	NSE	< .95	< .5	< .15	< 1.2	< 2.6	< 2.6	< 5.1	< 5.1	< 0.48	< 0.48		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acetone	0000676	9000	1800	< 20	< 10	4.2	< 32	< 42	< 42	< 83	< 83	< 2.6	3.3		< 3.0	< 3.0		9.4	< 3.0	< 3.0	< 3.0	< 3.0
Benzene	0000714	5	0.5	< 1.2	< .49	< .13	< 1	< 2.6	< 2.6	< 5.1	< 5.1	< 0.50	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chloroethane	0000750	400	80	< 5.7	< 3.8	.77	< 5.4	< 21	< 21	< 41	< 41	< 0.44	0.69		1.7	< 0.37		1.2	< 0.37	< 0.37	< 0.37	< 0.37
Chloroform	0000676	6	0.6	< .65	< .51	< .13	< 1	< 2.3	< 2.3	< 4.5	< 4.5	< 0.69	< 0.69		< 2.5	< 2.5		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Chloromethane	0000748	30	3	< 1.2	.8	< .28	< 2.2	< 2.4	< 2.4	< 4.8	< 4.8	< 0.39	< 0.39		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dichlorodifluoromethan	0000757	1000	200	< 1.2	< .72	< .13	1.1	< 1.9	< 1.9	< 3.8	< 3.8	< 0.40	< 0.40		< 0.16	< 0.20		< 0.22	< 0.22	< 0.22	< 0.22	< 0.22
Ethylbenzene	0001004	700	140	< .77	< .52	< .12	< .96	< 2.2	< 2.2	< 4.3	< 4.3	< 0.50	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Fluorotrichloromethane	0000756	3490	698	< 1.1	< .79	2.1	< .86	< 2.5	< 2.5	< 5.1	< 5.1	< 0.48	< 0.48		< 0.17	< 0.17		< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Hexachlorobutadiene	0000876	NSE	NSE	< 1.2	< 1.1	< .36	< 2.9	< 2.3	< 2.3	< 4.5	< 4.5	< 1.3	< 1.3		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
Isopropyl Alcohol	0000676	NSE	NSE	< 50	< 21	< 14	< 110	< 63	< 63	< 130	< 130	< 40.8	58.9		< 24.3	< 24.3		< 24.3	< 24.3	< 24.3	< 24.3	< 24.3
Isopropyl ether	0001082	NSE	NSE	< .78	< .61	< .2	< 1.6	< 1.9	< 1.9	< 3.8	< 3.8	< 0.50	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Isopropylbenzene	0000988	NSE	NSE	< .88	< .54	< .1	< .81	< 2.2	< 2.2	< 4.4	< 4.4	< 0.34	< 0.34		< 0.12	< 0.14		< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Methyl Ethyl Ketone	0000789	4000	800	< 2.5	< 2.5	< 1	< 8	< 10	< 10	< 20	< 20	< 2.7	< 2.7		< 3.0	< 3.0		< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Methyl Isobutyl Ketone	0001081	500	50	< 1.8	< 1.3	< .64	< 5.1	< 3.1	< 3.1	< 6.3	< 6.3	< 2.3	< 2.3		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
Methyl tert-butyl Ether	0016340	60	12	< .96	< .71	< .13	< 1	< 1.9	< 1.9	< 3.8	< 3.8	< 0.49	< 0.49		< 0.17	0.36		< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
Methylene Chloride	0000750	5	0.5	< 1.1	< 1.2	<u>.6</u>	< 2.1	< 4	< 4	32	18	30.8	< 0.36		29.6	<u>0.94</u>		0.48	< 0.23	< 0.23	< 0.23	< 0.23
Naphthalene	0000912	100	10	< 1.6	< 1	< .31	< 2.5	< 3.2	< 3.2	< 6.4	< 6.4	< 2.5	< 2.5		< 2.5	< 2.5		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
n-Butylbenzene	0001045	NSE	NSE	< 1.1	< .45	< .14	< 1.1	< 2.4	< 2.4	< 4.9	< 4.9	< 0.40	< 0.40		< 0.22	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
p-Isopropyltoluene	0000998	NSE	NSE	< .82	< .48	< .11	< .86	< 2	< 2	< 4.1	< 4.1	< 0.40	< 0.40		< 0.13	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Styrene	0001004	100	10	< 1	< .43	< .11	< .87	< 1.9	< 1.9	< 3.9	< 3.9	< 0.35	< 0.35		< 0.15	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Tetrachloroethene	0001271	5	0.5	<u>1.5</u>	<u>3.7</u>	<u>4.9</u>	6.4	<u>4.6</u>	6.8	<u>4.8</u>	11	<u>2.2</u>	<u>1.8</u>		<u>1.9</u>	<u>2.3</u>		<u>2.5</u>	<u>2.3</u>	<u>1.4</u>	<u>0.81</u>	< 0.50
Toluene	0001088	800	160	< .89	< .43	< .16	< 1.2	< 2.3	< 2.3	< 4.6	< 4.6	< 0.44	< 0.44		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total TriMthBenzenes	TOTALT	480	96	< .95	< .45	< .12	< .96	< 2.4	< 2.4	< 4.7	< 4.7	< .57	< .5		< .5	< 1		< 1	< 1	< 1	< 1	< 1
Total Xylenes	TOTAL X	2000	400	< .83	< .6	< .16	< 1.2	< 2.2	< 2.2	< 4.5	< 4.5	< .5	< .5		< .5	< 1.5		< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Trichloroethene	0000790	5	0.5	< 1.9	<u>1.8</u>	<u>2.8</u>	<u>4.4</u>	< 2.5	<u>4.4</u>	5.2	14	<u>0.56</u>	<u>3</u>		<u>0.60</u>	<u>1.1</u>		<u>1.1</u>	<u>1.5</u>	<u>0.82</u>	<u>0.95</u>	< 0.33
Vinyl Chloride	0000750	0.2	0.02	< .85	< .46	1.5	< 1.4	< 1.5	< 1.5	< 3	< 3	< 0.18	< 0.18		0.59	< 0.18		< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Xylene - M & P	1796012	2000	400	< 1.4	< .84	< .22	< 1.8	< 4.6	< 4.6	< 9.1	< 9.1	< 0.82	< 0.82		< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Xylene - O	0000954	2000	400	< .83	< .6	< .16	< 1.2	< 2.2	< 2.2	< 4.5	< 4.5	< 0.50	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	37	< 1.1	.71		1.7	2.1			1.3										27.7
1,1,2-Trichloroethane	0000790	5	0.5	< 4.5	< 1.1	< .23		< .25	< .25			< 0.39										< 3.9
1,1-Dichloroethane	0000753	850	85	<u>220</u>	12	2.6		< .19	17			18.5										<u>538</u>
1,1-Dichloroethene	0000753	7	0.7	< 4.2	< 1	.23		< .2	< .2			< 0.43										< 8.2
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< 5.4	< 1.4	< .27		< .26	< .26			< 0.77										< 42.7
1,2,4-Trichlorobenzene	0001208	70	14	< 6.4	< 1.6	< .32		< .28	< .28			< 2.5										< 44.2
1,2-cis-Dichloroethene	0001565	70	7	120	2.3	<u>9.8</u>		2.8	<u>19</u>			3.0										1500
1,2-Dichlorobenzene	0000955	600	60	8.1	8	1.2		< .19	.26			< 0.44										26.3
1,2-Dichloroethane	0001070	5	0.5	18	<u>.94</u>	< .16		.48	.46			< 0.48										< 3.4
1,2-Dichloropropane	0000788	5	0.5	< 4.3	< 1.1	< .22		.23	< .2			< 0.50										< 4.7
1,2-trans-Dichloroethen	0001566	100	20	< 5.2	< 1.3	< .26		.37	.77			< 0.37										18.4
1,4-Dichlorobenzene	0001064	75	15	< 4.4	1.3	.27		< .22	< .22			< 0.43										< 10.0
124TRIMTHLBENZEN	0000956	480	96	42	47	9.3		.57	1.5			< 0.57										49.0
135TRIMTHLBENZEN	0001086	480	96	8.7	< .98	1.1		< .25	< .25			< 2.5										< 10.0
2-Chlorotoluene	0000954	NSE	NSE	7.1	8.1	1.1		< .26	< .26			< 0.48										< 10.0
Acetone	0000676	9000	1800	< 83	71	31		< 4.2	14			30.5										< 59.1
Benzene	0000714	5	0.5	< 3.9	< .98	< .2		< .26	< .26			< 0.50										< 10.0
Chloroethane	0000750	400	80	<u>130</u>	< 7.6	< 1.5		< 2.1	< 2.1			1.9										<u>106</u>
Chloroform	0000676	6	0.6	< 4	< 1	< .2		<u>1.6</u>	<u>.65</u>			< 0.69										< 50.0
Chloromethane	0000748	30	3	< 4.7	< 1.2	< .23		< .24	< .24			< 0.39										< 10.0
Dichlorodifluoromethan	0000757	1000	200	< 5.8	< 1.4	< .29		< .19	.51			< 0.40										< 4.5
Ethylbenzene	0001004	700	140	130	43	10		.26	.87			< 0.50										<u>279</u>
Fluorotrichloromethane	0000756	3490	698	< 6.3	< 1.6	< .32		< .25	< .25			< 0.48										< 3.7
Hexachlorobutadiene	0000876	NSE	NSE	< 8.9	< 2.2	< .45		< .23	< .23			< 1.3										< 42.1
Isopropyl Alcohol	0000676	NSE	NSE	< 170	< 41	11		64	19			< 40.8										< 487
Isopropyl ether	0001082	NSE	NSE	< 4.9	< 1.2	< .25		< .19	< .19			< 0.50										< 10.0
Isopropylbenzene	0000988	NSE	NSE	4.8	2.9	.52		< .22	.34			< 0.34										10.8
Methyl Ethyl Ketone	0000789	4000	800	< 20	7.7	9.9		5.1	1.7			26.2										< 59.6
Methyl Isobutyl Ketone	0001081	500	50	< 11	< 2.7	< .53		< .31	< .31			< 2.3										< 42.8
Methyl tert-butyl Ether	0016340	60	12	< 5.7	< 1.4	< .28		< .19	< .19			1.3										< 3.5
Methylene Chloride	0000750	5	0.5	< 9.6	5.9	<u>2.5</u>		18	11			0.39										< 4.7
Naphthalene	0000912	100	10	< 8.1	8.5	3.9		1.2	.88			< 2.5										< 50.0
n-Butylbenzene	0001045	NSE	NSE	< 3.6	< .91	< .18		< .24	< .24			< 0.40										< 10.0
p-Isopropyltoluene	0000998	NSE	NSE	< 3.8	< .95	< .19		< .2	< .2			< 0.40										< 10.0
Styrene	0001004	100	10	< 3.4	< .86	< .17		< .19	< .19			< 0.35										< 10.0
Tetrachloroethene	0001271	5	0.5	11	< 1	<u>.57</u>		<u>.87</u>	<u>1.5</u>			<u>0.90</u>										< 10.0
Toluene	0001088	800	160	10	1.3	1		.24	.61			< 0.44										24.9
Total TriMthBenzenes	TOTALT	480	96	50.7	47	10.4		.57	1.5			< .57										49
Total Xylenes	TOTAL X	2000	400	35	4.9	5.3		.56	2.56			< .5										< 30
Trichloroethene	0000790	5	0.5	7.4	< .84	<u>1.9</u>		<u>1.4</u>	<u>4</u>			<u>0.83</u>										< 6.6
Vinyl Chloride	0000750	0.2	0.02	53	1.4	2.1		.31	2.9			1.2										509
Xylene - M & P	1796012	2000	400	11	< 1.7	2.5		< .46	.46			< 0.82										< 20.0
Xylene - O	0000954	2000	400	24	4.9	2.8		.56	2.1			< 0.50										20.1

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	-P	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40				<u>50</u>	32	18	25	28	33.6	15.5	18.1	33.6	16.7			10.9	11.2	6.1	10.6	2.4
1,1,2-Trichloroethane	0000790	5	0.5				< .41	< 1	< 1	< .63	< .63	< 0.39	< 0.39	< 0.39	< 0.16	< 0.16			< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
1,1-Dichloroethane	0000753	850	85				3.7	1.3	< .75	1.3	1.6	8.9	0.44	0.46	10.9	0.41			< 0.24	< 0.24	< 0.24	3.8	< 0.24
1,1-Dichloroethene	0000753	7	0.7				<u>1.2</u>	<u>1.1</u>	< .8	< .5	< .5	0.67	< 0.43	0.46	< 0.41	0.50			< 0.41	< 0.41	< 0.41	< 0.41	< 0.41
1,2,3-Trichlorobenzene	0000876	NSE	NSE				< .56	< 1	< 1	< .65	< .65	< 0.77	< 0.77	< 0.77	< 2.1	< 2.1			< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
1,2,4-Trichlorobenzene	0001208	70	14				< .76	< 1.1	< 1.1	< .71	< .71	< 2.5	< 2.5	< 2.5	< 2.2	< 2.2			< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
1,2-cis-Dichloroethene	0001565	70	7				3.1	.96	< .82	.95	1.2	5.7	< 0.42	0.45	<u>9.2</u>	0.35			< 0.26	< 0.26	< 0.26	<u>21.3</u>	< 0.26
1,2-Dichlorobenzene	0000955	600	60				< .32	< .74	< .74	< .47	< .47	< 0.44	< 0.44	< 0.44	< 0.50	< 0.50			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dichloroethane	0001070	5	0.5				< .55	< .98	< .98	< .61	< .61	< 0.48	< 0.48	< 0.48	< 0.17	< 0.17			< 0.17	< 0.17	< 0.17	0.27	< 0.17
1,2-Dichloropropane	0000788	5	0.5				< .52	< .79	< .79	< .49	< .49	< 0.50	< 0.50	< 0.50	< 0.23	< 0.23			< 0.23	< 0.23	< 0.23	< 0.23	< 0.23
1,2-trans-Dichloroethen	0001566	100	20				.45	< .77	< .77	< .48	< .48	0.44	< 0.37	< 0.37	0.36	< 0.26			< 0.26	< 0.26	< 0.26	0.37	< 0.26
1,4-Dichlorobenzene	0001064	75	15				< .32	< .87	< .87	< .55	< .55	< 0.43	< 0.43	< 0.43	< 0.50	< 0.50			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
124TRIMTHLBENZEN	0000956	480	96				< .3	< .94	< .94	< .59	< .59	< 0.57	< 0.50	< 0.50	< 0.50	< 0.50			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
135TRIMTHLBENZEN	0001086	480	96				< .3	< 1	< 1	< .64	< .64	< 2.5	< 0.50	< 0.50	< 0.50	< 0.50			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Chlorotoluene	0000954	NSE	NSE				< .36	< 1	< 1	< .64	< .64	< 0.48	< 0.48	< 0.48	< 0.50	< 0.50			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acetone	0000676	9000	1800				< 10	< 17	< 17	< 10	11	< 2.6	< 2.6	< 2.6	3.4	< 3.0			< 3.0	< 3.0	< 3.0	8.6	< 3.0
Benzene	0000714	5	0.5				< .33	< 1	< 1	< .64	< .64	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chloroethane	0000750	400	80				< 1.7	< 8.2	< 8.2	< 5.1	< 5.1	< 0.44	< 0.44	< 0.44	< 0.37	< 0.37			< 0.37	< 0.37	< 0.37	0.78	< 0.37
Chloroform	0000676	6	0.6				< .32	< .9	< .9	< .56	< .56	< 0.69	< 0.69	< 0.69	< 2.5	< 2.5			< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Chloromethane	0000748	30	3				< .7	< .96	< .96	< .6	< .6	< 0.39	< 0.39	< 0.39	< 0.50	< 0.50			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dichlorodifluoromethan	0000757	1000	200				< .34	< .76	< .76	< .48	< .48	< 0.40	< 0.40	< 0.40	< 0.16	< 0.20			< 0.22	< 0.22	< 0.22	< 0.22	< 0.22
Ethylbenzene	0001004	700	140				< .3	< .86	< .86	< .54	< .54	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50			< 0.50	< 0.50	< 0.50	5.1	< 0.50
Fluorotrichloromethane	0000756	3490	698				< .27	< 1	< 1	< .64	< .64	< 0.48	< 0.48	< 0.48	< 0.17	< 0.17			< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Hexachlorobutadiene	0000876	NSE	NSE				< .9	< .9	< .9	< .57	< .57	< 1.3	< 1.3	< 1.3	< 2.1	< 2.1			< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
Isopropyl Alcohol	0000676	NSE	NSE				< 35	< 25	< 25	< 16	< 16	< 40.8	< 40.8	< 40.8	25.8	< 24.3			< 24.3	< 24.3	< 24.3	< 24.3	< 24.3
Isopropyl ether	0001082	NSE	NSE				< .51	< .76	< .76	< .47	< .47	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Isopropylbenzene	0000988	NSE	NSE				< .25	< .89	< .89	< .56	< .56	< 0.34	< 0.34	< 0.34	< 0.12	< 0.14			< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Methyl Ethyl Ketone	0000789	4000	800				2.7	< 4	< 4	< 2.5	< 2.5	< 2.7	< 2.7	< 2.7	< 3.0	< 3.0			< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Methyl Isobutyl Ketone	0001081	500	50				< 1.6	< 1.3	< 1.3	< .78	< .78	< 2.3	< 2.3	< 2.3	< 2.1	< 2.1			< 2.1	< 2.1	< 2.1	3.0	< 2.1
Methyl tert-butyl Ether	0016340	60	12				< .32	< .76	< .76	< .48	< .48	< 0.49	< 0.49	< 0.49	< 0.17	0.31			< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
Methylene Chloride	0000750	5	0.5				< .67	< 1.6	< 1.6	<u>1.3</u>	<u>4.1</u>	<u>4.7</u>	< 0.36	< 0.36	<u>4.1</u>	< 0.23			< 0.23	< 0.23	< 0.23	0.42	< 0.23
Naphthalene	0000912	100	10				< .77	< 1.3	< 1.3	< .8	< .8	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5			< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
n-Butylbenzene	0001045	NSE	NSE				< .34	< .98	< .98	< .61	< .61	< 0.40	< 0.40	< 0.40	< 0.22	< 0.50			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
p-Isopropyltoluene	0000998	NSE	NSE				< .27	< .81	< .81	< .51	< .51	< 0.40	< 0.40	< 0.40	< 0.13	< 0.50			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Styrene	0001004	100	10				< .27	< .78	< .78	< .49	< .49	< 0.35	< 0.35	< 0.35	< 0.15	< 0.50			< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Tetrachloroethene	0001271	5	0.5				57	43	26	30	34	43.0	11	17.6	38.5	27.9			19.6	16.7	10.9	14.2	6.4
Toluene	0001088	800	160				< .39	< .92	< .92	< .58	< .58	< 0.44	< 0.44	< 0.44	< 0.50	< 0.50			< 0.50	< 0.50	< 0.50	157	< 0.50
Total TriMthBenzenes	TOTALT	480	96				< .3	< .94	< .94	< .59	< .59	< .57	< .5	< .5	< .5	< 1			< 1	< 1	< 1	< 1	< 1
Total Xylenes	TOTAL X	2000	400				< .39	< .9	< .9	< .56	< .56	< .5	< .5	< .5	< .5	< 1.5			< 1.5	< 1.5	< 1.5	17.2	< 1.5
Trichloroethene	0000790	5	0.5				25	11	<u>2.6</u>	9	13	13.8	5.1	6.0	11.9	5.0			<u>2.8</u>	<u>2.4</u>	<u>1.0</u>	<u>2.3</u>	< 0.33
Vinyl Chloride	0000750	0.2	0.02				< .43	< .6	< .6	< .37	< .37	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18			< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Xylene - M & P	1796012	2000	400				< .55	< 1.8	< 1.8	< 1.1	< 1.1	< 0.82	< 0.82	< 0.82	< 1.0	< 1.0			< 1.0	< 1.0	< 1.0	12.6	< 1.0
Xylene - O	0000954	2000	400				< .39	< .9	< .9	< .56	< .56	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50			< 0.50	< 0.50	< 0.50	4.6	< 0.50

142	W-7A	RESULTS MONTH/YEAR																						
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	-P	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40	6.6	10	23	37	33	29	6.1	21	9.1	39.4			1.9	3.6		1.4	6.7	2.4	3.8	< 0.50	
1,1,2-Trichloroethane	0000790	5	0.5	< .52	< 2.3	< .45	< 1.7	< 6.3	< 2.5	< 6.3	< 5.1	< 0.39	< 1.9			< 0.16	< 0.78		< 0.20	< 0.79	< 0.20	< 0.20	< 0.20	
1,1-Dichloroethane	0000753	850	85	< .43	< 2.1	2.2	6.4	11	8.5	< 4.7	< 3.7	0.83	< 1.4			< 0.16	< 1.2		< 0.24	< 0.97	< 0.24	0.98	< 0.24	
1,1-Dichloroethene	0000753	7	0.7	< .54	< 2.1	<u>.88</u>	< 1.5	< 5	< 2	< 5	< 4	< 0.43	< 2.1			< 0.41	< 2.1		< 0.41	< 1.6	< 0.41	< 0.41	< 0.41	
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .74	< 2.7	< .54	< 2.3	< 6.5	< 2.6	< 6.5	< 5.2	< 0.77	< 3.8			< 2.1	< 10.7		< 2.1	< 8.5	< 2.1	< 2.1	< 2.1	
1,2,4-Trichlorobenzene	0001208	70	14	< .55	< 3.2	< .64	< 3	< 7.1	< 2.8	< 7.1	< 5.6	< 2.5	< 12.5			< 2.2	< 11.0		< 2.2	< 8.8	< 2.2	< 2.2	< 2.2	
1,2-cis-Dichloroethene	0001565	70	7	< .41	< 2	1.4	3.5	< 5.2	4.6	< 5.2	< 4.1	0.83	< 2.1			< 0.26	< 1.3		< 0.26	< 1.0	< 0.26	5.0	< 0.26	
1,2-Dichlorobenzene	0000955	600	60	< .4	< 1.6	< .32	< 1.3	< 4.7	< 1.9	< 4.7	< 3.7	< 0.44	< 2.2			< 0.50	< 2.5		< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	
1,2-Dichloroethane	0001070	5	0.5	6.9	15	15	< 2.2	< 6.1	< 2.4	< 6.1	< 4.9	<u>1.0</u>	< 2.4			< 0.17	< 0.84		< 0.17	< 0.67	< 0.17	< 0.17	< 0.17	
1,2-Dichloropropane	0000788	5	0.5	< .82	< 2.2	< .43	< 2.1	< 4.9	< 2	< 4.9	< 3.9	< 0.50	< 2.5			< 0.23	< 1.2		< 0.23	< 0.93	< 0.23	< 0.23	< 0.23	
1,2-trans-Dichloroethen	0001566	100	20	< .51	< 2.6	.59	< 1.3	< 4.8	< 1.9	< 4.8	< 3.9	< 0.37	< 1.9			< 0.24	< 1.3		< 0.26	< 1.0	< 0.26	< 0.26	< 0.26	
1,4-Dichlorobenzene	0001064	75	15	< .74	< 2.2	< .44	< 1.3	< 5.5	< 2.2	< 5.5	< 4.4	< 0.43	< 2.2			< 0.50	< 2.5		< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	
124TRIMTHLBENZEN	0000956	480	96	< .48	< 1.8	< .36	< 1.2	< 5.9	< 2.4	< 5.9	< 4.7	< 0.57	< 2.5			< 0.50	< 2.5		< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	
135TRIMTHLBENZEN	0001086	480	96	< .49	< 2	< .39	< 1.2	< 6.4	< 2.5	< 6.4	< 5.1	< 2.5	< 2.5			< 0.50	< 2.5		< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	
2-Chlorotoluene	0000954	NSE	NSE	< .47	< 2	< .4	< 1.5	< 6.4	< 2.6	< 6.4	< 5.1	< 0.48	< 2.4			< 0.50	< 2.5		< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	
Acetone	0000676	9000	1800	< 10	< 42	< 8.3	< 40	< 100	45	< 100	< 83	< 10.4	< 12.9			8.9	< 14.8		< 3.0	< 11.8	< 3.0	< 3.0	< 3.0	
Benzene	0000714	5	0.5	< .6	< 2	< .39	< 1.3	< 6.4	< 2.6	< 6.4	< 5.1	< 0.50	< 2.5			< 0.50	< 2.5		< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	
Chloroethane	0000750	400	80	< 2.9	< 15	< 3	< 6.7	< 51	< 21	< 51	< 41	< 0.44	< 2.2			< 0.37	< 1.9		< 0.37	< 1.5	< 0.37	< 0.37	< 0.37	
Chloroform	0000676	6	0.6	< .33	< 2	.46	< 1.3	< 5.6	< 2.3	< 5.6	< 4.5	< 0.69	< 3.4			< 2.5	< 12.5		< 2.5	< 10.0	< 2.5	< 2.5	< 2.5	
Chloromethane	0000748	30	3	< .58	< 2.3	< .47	< 2.8	< 6	< 2.4	< 6	< 4.8	< 0.39	< 1.9			< 0.50	< 2.5		< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	
Dichlorodifluoromethan	0000757	1000	200	< .62	< 2.9	< .58	< 1.3	< 4.8	< 1.9	< 4.8	< 3.8	< 0.40	< 2.0			< 0.16	< 1.0		< 0.22	< 0.90	< 0.22	< 0.22	< 0.22	
Ethylbenzene	0001004	700	140	< .39	< 2.1	< .41	< 1.2	< 5.4	< 2.2	< 5.4	< 4.3	< 0.50	< 2.5			< 0.50	< 2.5		< 0.50	< 2.0	< 0.50	1.3	< 0.50	
Fluorotrichloromethane	0000756	3490	698	< .53	< 3.2	< .63	< 1.1	< 6.4	< 2.5	< 6.4	< 5.1	< 0.48	< 2.4			< 0.17	< 0.86		< 0.18	< 0.74	< 0.18	< 0.18	< 0.18	
Hexachlorobutadiene	0000876	NSE	NSE	< .62	< 4.5	< .89	< 3.6	< 5.7	< 2.3	< 5.7	< 4.5	< 1.3	< 6.3			< 2.1	< 10.5		< 2.1	< 8.4	< 2.1	< 2.1	< 2.1	
Isopropyl Alcohol	0000676	NSE	NSE	< 25	< 83	< 17	< 140	< 160	< 63	< 160	< 130	< 40.8	< 204			< 24.3	< 122		< 24.3	< 97.4	< 24.3	< 24.3	< 24.3	
Isopropyl ether	0001082	NSE	NSE	< .39	< 2.5	< .49	< 2	< 4.7	< 1.9	< 4.7	< 3.8	< 0.50	< 2.5			< 0.50	< 2.5		< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	
Isopropylbenzene	0000988	NSE	NSE	< .44	< 2.2	< .43	< 1	< 5.6	< 2.2	< 5.6	< 4.4	< 0.34	< 1.7			< 0.12	< 0.72		< 0.14	< 0.57	< 0.14	< 0.14	< 0.14	
Methyl Ethyl Ketone	0000789	4000	800	< 1.2	< 10	< 2	< 10	< 25	< 10	< 25	< 20	< 2.7	< 13.5			< 3.0	< 14.9		< 3.0	< 11.9	< 3.0	< 3.0	< 3.0	
Methyl Isobutyl Ketone	0001081	500	50	< .92	< 5.3	< 1.1	< 6.4	< 7.8	< 3.1	< 7.8	< 6.3	< 2.3	< 11.7			< 2.1	< 10.7		< 2.1	< 8.6	< 2.1	< 2.1	< 2.1	
Methyl tert-butyl Ether	0016340	60	12	< .48	< 2.8	< .57	< 1.3	< 4.8	< 1.9	< 4.8	< 3.8	< 0.49	< 2.5			< 0.17	< 0.87		1.3	< 0.70	2.7	7.8	5.8	
Methylene Chloride	0000750	5	0.5	< .55	< 4.8	< .96	< 2.7	< 10	< 4	< 10	< 8	< 0.36	< 1.8			< 0.23	<u>1.9</u>		< 0.23	< 0.93	< 0.23	< 0.23	< 0.23	
Naphthalene	0000912	100	10	< .79	< 4.1	< .81	< 3.1	< 8	< 3.2	< 8	< 6.4	< 2.5	< 12.5			< 2.5	< 12.5		< 2.5	< 10.0	< 2.5	< 2.5	< 2.5	
n-Butylbenzene	0001045	NSE	NSE	< .56	< 1.8	< .36	< 1.4	< 6.1	< 2.4	< 6.1	< 4.9	< 0.40	< 2.0			< 0.22	< 2.5		< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	
p-Isopropyltoluene	0000998	NSE	NSE	< .41	< 1.9	< .38	< 1.1	< 5.1	< 2	< 5.1	< 4.1	< 0.40	< 2.0			< 0.13	< 2.5		< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	
Styrene	0001004	100	10	< .5	< 1.7	< .34	< 1.1	< 4.9	< 1.9	< 4.9	< 3.9	< 0.35	< 1.7			< 0.15	< 2.5		< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	
Tetrachloroethene	0001271	5	0.5	110	290	290	96	220	170	190	270	153	435			138	231		121	297	132	102	22.9	
Toluene	0001088	800	160	< .45	< 1.7	< .34	< 1.6	< 5.8	< 2.3	< 5.8	< 4.6	< 0.44	< 2.2			< 0.50	< 2.5		< 0.50	< 2.0	< 0.50	37.5	0.56	
Total TriMthBenzenes	TOTALT	480	96	< .48	< 1.8	< .36	< 1.2	< 5.9	< 2.4	< 5.9	< 4.7	< .57	< 2.5			< .5	< 5		< 1	< 4	< 1	< 1	< 1	
Total Xylenes	TOTAL X	2000	400	< .41	< 2.4	< .48	< 1.6	< 5.6	< 2.2	< 5.6	< 4.5	< .5	< 2.5			< .5	< 7.5		< 1.5	< 6	< 1.5	3.55	< 1.5	
Trichloroethene	0000790	5	0.5	25	19	26	21	31	23	18	16	9.7	13.7			<u>1.9</u>	<u>3.2</u>		<u>1.5</u>	5.5	<u>1.9</u>	<u>1.8</u>	< 0.33	
Vinyl Chloride	0000750	0.2	0.02	< .42	< 1.8	< .37	< 1.7	< 3.7	< 1.5	< 3.7	< 3	< 0.18	< 0.92			< 0.18	< 0.88		< 0.18	< 0.70	< 0.18	< 0.18	< 0.18	
Xylene - M & P	1796012	2000	400	< .7	< 3.3	< .67	< 2.2	< 11	< 4.6	< 11	< 9.1	< 0.82	< 4.1			< 1.0	< 5.0		< 1.0	< 4.0	< 1.0	2.6	< 1.0	
Xylene - O	0000954	2000	400	< .41	< 2.4	< .48	< 1.6	< 5.6	< 2.2	< 5.6	< 4.5	< 0.50	< 2.5			< 0.50	< 2.5		< 0.50	< 2.0	< 0.50	0.95	< 0.50	

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	< .22		< .2		< .22		< .21												
1,1,2-Trichloroethane	0000790	5	0.5	< .23		< .17		< .23		< .25												
1,1-Dichloroethane	0000753	850	85	< .21		< .16		< .21		< .19												
1,1-Dichloroethene	0000753	7	0.7	< .21		< .15		< .21		< .2												
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .27		< .23		< .27		< .26												
1,2,4-Trichlorobenzene	0001208	70	14	< .32		< .3		< .32		< .28												
1,2-cis-Dichloroethene	0001565	70	7	< .2		< .12		< .2		< .21												
1,2-Dichlorobenzene	0000955	600	60	< .16		< .13		< .16		< .19												
1,2-Dichloroethane	0001070	5	0.5	< .16		< .22		< .16		< .24												
1,2-Dichloropropane	0000788	5	0.5	< .22		< .21		< .22		< .2												
1,2-trans-Dichloroethen	0001566	100	20	< .26		< .13		< .26		< .19												
1,4-Dichlorobenzene	0001064	75	15	< .22		< .13		< .22		< .22												
124TRIMTHLBENZEN	0000956	480	96	< .18		< .12		< .18		< .24												
135TRIMTHLBENZEN	0001086	480	96	< .2		< .12		< .2		< .25												
2-Chlorotoluene	0000954	NSE	NSE	< .2		< .15		< .2		< .26												
Acetone	0000676	9000	1800	< 4.2		< 4		6.6		< 4.2												
Benzene	0000714	5	0.5	< .2		< .13		< .2		< .26												
Chloroethane	0000750	400	80	< 1.5		< .67		< 1.5		< 2.1												
Chloroform	0000676	6	0.6	< .2		< .13		< .2		< .23												
Chloromethane	0000748	30	3	< .23		< .28		< .23		< .24												
Dichlorodifluoromethan	0000757	1000	200	< .29		< .13		< .29		< .19												
Ethylbenzene	0001004	700	140	< .21		< .12		< .21		< .22												
Fluorotrichloromethane	0000756	3490	698	< .32		< .11		< .32		< .25												
Hexachlorobutadiene	0000876	NSE	NSE	< .45		< .36		< .45		< .23												
Isopropyl Alcohol	0000676	NSE	NSE	< 8.3		< 14		< 8.3		7.3												
Isopropyl ether	0001082	NSE	NSE	< .25		< .2		< .25		< .19												
Isopropylbenzene	0000988	NSE	NSE	< .22		< .1		< .22		< .22												
Methyl Ethyl Ketone	0000789	4000	800	< 1		< 1		1.3		< 1												
Methyl Isobutyl Ketone	0001081	500	50	< .53		< .64		< .53		< .31												
Methyl tert-butyl Ether	0016340	60	12	< .28		< .13		< .28		< .19												
Methylene Chloride	0000750	5	0.5	< .48		< .27		< .48		< .4												
Naphthalene	0000912	100	10	< .41		< .31		< .41		< .32												
n-Butylbenzene	0001045	NSE	NSE	< .18		< .14		< .18		< .24												
p-Isopropyltoluene	0000998	NSE	NSE	< .19		< .11		< .19		< .2												
Styrene	0001004	100	10	< .17		< .11		< .17		< .19												
Tetrachloroethene	0001271	5	0.5	< .21		< .18		< .21		< .15												
Toluene	0001088	800	160	< .17		< .16		< .17		< .23												
Total TriMthBenzenes	TOTALT	480	96	< .18		< .12		< .18		< .24												
Total Xylenes	TOTAL X	2000	400	< .24		< .16		< .24		< .22												
Trichloroethene	0000790	5	0.5	< .17		< .16		< .17		< .25												
Vinyl Chloride	0000750	0.2	0.02	< .18		< .17		< .18		< .15												
Xylene - M & P	1796012	2000	400	< .33		< .22		< .33		< .46												
Xylene - O	0000954	2000	400	< .24		< .16		< .24		< .22												

157	W-11	RESULTS MONTH/YEAR																					
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40																				
1,1,2-Trichloroethane	0000790	5	0.5																				
1,1-Dichloroethane	0000753	850	85																				
1,1-Dichloroethene	0000753	7	0.7																				
1,2,3-Trichlorobenzene	0000876	NSE	NSE																				
1,2,4-Trichlorobenzene	0001208	70	14																				
1,2-cis-Dichloroethene	0001565	70	7																				
1,2-Dichlorobenzene	0000955	600	60																				
1,2-Dichloroethane	0001070	5	0.5																				
1,2-Dichloropropane	0000788	5	0.5																				
1,2-trans-Dichloroethen	0001566	100	20																				
1,4-Dichlorobenzene	0001064	75	15																				
124TRIMTHLBENZEN	0000956	480	96																				
135TRIMTHLBENZEN	0001086	480	96																				
2-Chlorotoluene	0000954	NSE	NSE																				
Acetone	0000676	9000	1800																				
Benzene	0000714	5	0.5																				
Chloroethane	0000750	400	80																				
Chloroform	0000676	6	0.6																				
Chloromethane	0000748	30	3																				
Dichlorodifluoromethan	0000757	1000	200																				
Ethylbenzene	0001004	700	140																				
Fluorotrichloromethane	0000756	3490	698																				
Hexachlorobutadiene	0000876	NSE	NSE																				
Isopropyl Alcohol	0000676	NSE	NSE																				
Isopropyl ether	0001082	NSE	NSE																				
Isopropylbenzene	0000988	NSE	NSE																				
Methyl Ethyl Ketone	0000789	4000	800																				
Methyl Isobutyl Ketone	0001081	500	50																				
Methyl tert-butyl Ether	0016340	60	12																				
Methylene Chloride	0000750	5	0.5																				
Naphthalene	0000912	100	10																				
n-Butylbenzene	0001045	NSE	NSE																				
p-Isopropyltoluene	0000998	NSE	NSE																				
Styrene	0001004	100	10																				
Tetrachloroethene	0001271	5	0.5																				
Toluene	0001088	800	160																				
Total TriMthBenzenes	TOTALT	480	96																				
Total Xylenes	TOTAL X	2000	400																				
Trichloroethene	0000790	5	0.5																				
Vinyl Chloride	0000750	0.2	0.02																				
Xylene - M & P	1796012	2000	400																				
Xylene - O	0000954	2000	400																				

166	W-16	RESULTS MONTH/YEAR																					
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40	< .13				< .21		< .21													
1,1,2-Trichloroethane	0000790	5	0.5	< .21				< .25		< .25													
1,1-Dichloroethane	0000753	850	85	< .17				< .19		< .19													
1,1-Dichloroethene	0000753	7	0.7	< .22				< .2		< .2													
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .3				< .26		< .26													
1,2,4-Trichlorobenzene	0001208	70	14	< .22				< .28		< .28													
1,2-cis-Dichloroethene	0001565	70	7	< .16				< .21		< .21													
1,2-Dichlorobenzene	0000955	600	60	< .16				< .19		< .19													
1,2-Dichloroethane	0001070	5	0.5	< .15				< .24		< .24													
1,2-Dichloropropane	0000788	5	0.5	< .33				< .2		< .2													
1,2-trans-Dichloroethen	0001566	100	20	< .21				< .19		< .19													
1,4-Dichlorobenzene	0001064	75	15	< .3				< .22		< .22													
124TRIMTHLBENZEN	0000956	480	96	< .19				< .24		< .24													
135TRIMTHLBENZEN	0001086	480	96	< .19				< .25		< .25													
2-Chlorotoluene	0000954	NSE	NSE	< .19				< .26		< .26													
Acetone	0000676	9000	1800	15				< 4.2		7.7													
Benzene	0000714	5	0.5	< .24				< .26		< .26													
Chloroethane	0000750	400	80	< 1.1				< 2.1		< 2.1													
Chloroform	0000676	6	0.6	< .13				< .23		< .23													
Chloromethane	0000748	30	3	.4				< .24		< .24													
Dichlorodifluoromethan	0000757	1000	200	< .25				< .19		< .19													
Ethylbenzene	0001004	700	140	< .15				< .22		< .22													
Fluorotrichloromethane	0000756	3490	698	< .21				< .25		< .25													
Hexachlorobutadiene	0000876	NSE	NSE	< .25				< .23		< .23													
Isopropyl Alcohol	0000676	NSE	NSE	< 10				< 6.3		10													
Isopropyl ether	0001082	NSE	NSE	< .16				< .19		< .19													
Isopropylbenzene	0000988	NSE	NSE	< .18				< .22		< .22													
Methyl Ethyl Ketone	0000789	4000	800	2.7				< 1		< 1													
Methyl Isobutyl Ketone	0001081	500	50	< .37				< .31		< .31													
Methyl tert-butyl Ether	0016340	60	12	< .19				< .19		< .19													
Methylene Chloride	0000750	5	0.5	< .22				< .4		< .4													
Naphthalene	0000912	100	10	< .32				< .32		< .32													
n-Butylbenzene	0001045	NSE	NSE	< .23				< .24		< .24													
p-Isopropyltoluene	0000998	NSE	NSE	< .16				< .2		< .2													
Styrene	0001004	100	10	< .2				< .19		< .19													
Tetrachloroethene	0001271	5	0.5	< .12				< .15		< .15													
Toluene	0001088	800	160	< .18				< .23		< .23													
Total TriMthBenzenes	TOTALT	480	96	< .19				< .24		< .24													
Total Xylenes	TOTAL X	2000	400	< .17				< .22		< .22													
Trichloroethene	0000790	5	0.5	< .37				< .25		< .25													
Vinyl Chloride	0000750	0.2	0.02	< .17				< .15		< .15													
Xylene - M & P	1796012	2000	400	< .28				< .46		< .46													
Xylene - O	0000954	2000	400	< .17				< .22		< .22													

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	< .22		< .22		< .22		< .21		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
1,1,2-Trichloroethane	0000790	5	0.5	< .23		< .23		< .23		< .25		< 0.39			< 0.16			< 0.20		< 0.20		< 0.20
1,1-Dichloroethane	0000753	850	85	< .21		< .21		< .21		< .19		< 0.28			< 0.16			< 0.24		< 0.24		< 0.24
1,1-Dichloroethene	0000753	7	0.7	< .21		< .21		< .21		< .2		< 0.43			< 0.41			< 0.41		< 0.41		< 0.41
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .27		< .27		< .27		< .26		< 0.77			< 2.1			< 2.1		< 2.1		< 2.1
1,2,4-Trichlorobenzene	0001208	70	14	< .32		< .32		< .32		< .28		< 2.5			< 2.2			< 2.2		< 2.2		< 2.2
1,2-cis-Dichloroethene	0001565	70	7	< .2		< .2		< .2		< .21		< 0.42			< 0.26			< 0.26		< 0.26		< 0.26
1,2-Dichlorobenzene	0000955	600	60	< .16		< .16		< .16		< .19		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
1,2-Dichloroethane	0001070	5	0.5	< .16		< .16		< .16		< .24		< 0.48			< 0.17			< 0.17		< 0.17		< 0.17
1,2-Dichloropropane	0000788	5	0.5	< .22		< .22		< .22		< .2		< 0.50			< 0.23			< 0.23		< 0.23		< 0.23
1,2-trans-Dichloroethen	0001566	100	20	< .26		< .26		< .26		< .19		< 0.37			< 0.24			< 0.26		< 0.26		< 0.26
1,4-Dichlorobenzene	0001064	75	15	< .22		< .22		< .22		< .22		< 0.43			< 0.50			< 0.50		< 0.50		< 0.50
124TRIMTHLBENZEN	0000956	480	96	< .18		< .18		< .18		< .24		< 0.57			< 0.50			< 0.50		< 0.50		< 0.50
135TRIMTHLBENZEN	0001086	480	96	< .2		< .2		< .2		< .25		< 2.5			< 0.50			< 0.50		< 0.50		< 0.50
2-Chlorotoluene	0000954	NSE	NSE	< .2		< .2		< .2		< .26		< 0.48			< 0.50			< 0.50		< 0.50		< 0.50
Acetone	0000676	9000	1800	4.8		< 4.2		< 4.2		4.8		< 2.6			< 3.0			3.0		< 3.0		< 3.0
Benzene	0000714	5	0.5	< .2		< .2		< .2		< .26		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Chloroethane	0000750	400	80	< 1.5		< 1.5		< 1.5		< 2.1		< 0.44			< 0.37			< 0.37		< 0.37		< 0.37
Chloroform	0000676	6	0.6	< .2		< .2		< .2		< .23		< 0.69			< 2.5			< 2.5		< 2.5		< 2.5
Chloromethane	0000748	30	3	< .23		< .23		< .23		< .24		< 0.39			< 0.50			< 0.50		< 0.50		< 0.50
Dichlorodifluoromethan	0000757	1000	200	< .29		< .29		< .29		< .19		< 0.40			< 0.16			< 0.22		< 0.22		< 0.22
Ethylbenzene	0001004	700	140	< .21		< .21		< .21		< .22		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Fluorotrichloromethane	0000756	3490	698	< .32		< .32		< .32		< .25		< 0.48			< 0.17			< 0.18		< 0.18		< 0.18
Hexachlorobutadiene	0000876	NSE	NSE	< .45		< .45		< .45		< .23		< 1.3			< 2.1			< 2.1		< 2.1		< 2.1
Isopropyl Alcohol	0000676	NSE	NSE	< 8.3		< 8.3		15		< 6.3		< 40.8			32.3			< 24.3		< 24.3		< 24.3
Isopropyl ether	0001082	NSE	NSE	< .25		< .25		< .25		< .19		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Isopropylbenzene	0000988	NSE	NSE	< .22		< .22		< .22		< .22		< 0.34			< 0.12			< 0.14		< 0.14		< 0.14
Methyl Ethyl Ketone	0000789	4000	800	< 1		< 1		< 1		< 1		< 2.7			< 3.0			< 3.0		< 3.0		< 3.0
Methyl Isobutyl Ketone	0001081	500	50	< .53		< .53		< .53		< .31		< 2.3			< 2.1			< 2.1		< 2.1		< 2.1
Methyl tert-butyl Ether	0016340	60	12	< .28		< .28		< .28		< .19		< 0.49			< 0.17			< 0.17		< 0.17		< 0.17
Methylene Chloride	0000750	5	0.5	< .48		< .48		< .48		< .4		< 0.36			< 0.23			< 0.23		< 0.23		< 0.23
Naphthalene	0000912	100	10	< .41		< .41		< .41		< .32		< 2.5			< 2.5			< 2.5		< 2.5		< 2.5
n-Butylbenzene	0001045	NSE	NSE	< .18		< .18		< .18		< .24		< 0.40			< 0.22			< 0.50		< 0.50		< 0.50
p-Isopropyltoluene	0000998	NSE	NSE	< .19		< .19		< .19		< .2		< 0.40			< 0.13			< 0.50		< 0.50		< 0.50
Styrene	0001004	100	10	< .17		< .17		< .17		< .19		< 0.35			< 0.15			< 0.50		< 0.50		< 0.50
Tetrachloroethene	0001271	5	0.5	< .21		< .21		< .21		< .15		< 0.47			< 0.50			< 0.50		< 0.50		< 0.50
Toluene	0001088	800	160	< .17		< .17		< .17		< .23		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
Total TriMthBenzenes	TOTALT	480	96	< .18		< .18		< .18		< .24		< .57			< .5			< 1		< 1		< 1
Total Xylenes	TOTAL X	2000	400	< .24		< .24		< .24		< .22		< .5			< .5			< 1.5		< 1.5		< 1.5
Trichloroethene	0000790	5	0.5	< .17		< .17		< .17		< .25		< 0.43			< 0.33			< 0.33		< 0.33		< 0.33
Vinyl Chloride	0000750	0.2	0.02	< .18		< .18		< .18		< .15		< 0.18			< 0.18			< 0.18		< 0.18		< 0.18
Xylene - M & P	1796012	2000	400	< .33		< .33		< .33		< .46		< 0.82			< 1.0			< 1.0		< 1.0		< 1.0
Xylene - O	0000954	2000	400	< .24		< .24		< .24		< .22		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50

172	W-17A	RESULTS MONTH/YEAR																				
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	< 170	< 87	< 27	< 11	< 11	< 10	< 16	< 21	< 17.7	< 4.4		< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	0000790	5	0.5	< 180	< 90	< 28	< 11	< 11	< 13	< 20	< 25	< 15.6	< 3.9		< 1.6	< 1.6		< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
1,1-Dichloroethane	0000753	850	85	1700	1600	1000	17	<u>550</u>	13	<u>660</u>	<u>690</u>	<u>168</u>	<u>300</u>		<u>718</u>	<u>804</u>		<u>360</u>	46.7	39.1	<u>109</u>	<u>92.7</u>
1,1-Dichloroethene	0000753	7	0.7	< 170	< 83	30	< 10	26	< 10	28	< 20	< 17.1	< 4.3		<u>6.2</u>	16.7		< 4.1	< 4.1	< 4.1	< 4.1	< 4.1
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< 220	< 110	< 34	< 14	< 14	< 13	< 21	< 26	< 30.7	< 7.7		< 21.3	< 21.3		< 21.3	< 21.3	< 21.3	< 21.3	< 21.3
1,2,4-Trichlorobenzene	0001208	70	14	< 250	< 130	< 40	< 16	< 16	< 14	< 23	< 28	< 100	< 25.0		< 22.1	< 22.1		< 22.1	< 22.1	< 22.1	< 22.1	< 22.1
1,2-cis-Dichloroethene	0001565	70	7	760	290	190	< 10	290	< 10	380	210	< 16.8	<u>20.4</u>		70.2	185		<u>27.8</u>	2.6	< 2.6	< 2.6	2.9
1,2-Dichlorobenzene	0000955	600	60	< 130	< 63	< 20	< 7.9	< 7.9	< 9.3	< 15	< 19	< 17.5	< 4.4		< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	0001070	5	0.5	140	130	93	56	67	56	75	74	61.3	55.5		56.5	50.9		34.4	10.6	< 1.7	5.6	17.4
1,2-Dichloropropane	0000788	5	0.5	< 170	< 87	45	< 11	29	< 9.9	36	41	< 19.9	14.7		33.0	41.5		18.9	< 2.3	< 2.3	< 2.3	< 2.3
1,2-trans-Dichloroethen	0001566	100	20	< 210	< 100	<u>49</u>	15	<u>31</u>	20	<u>32</u>	<u>39</u>	<u>23.0</u>	<u>35.5</u>		<u>85.3</u>	104		<u>73.2</u>	<u>80.1</u>	<u>60.9</u>	<u>42.5</u>	<u>42.4</u>
1,4-Dichlorobenzene	0001064	75	15	< 180	< 89	< 28	< 11	< 11	< 11	< 17	< 22	< 17.4	< 4.3		< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
124TRIMTHLBENZEN	0000956	480	96	< 140	< 72	< 23	< 9.1	< 9.1	< 12	< 19	< 24	< 22.9	< 5.0		< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
135TRIMTHLBENZEN	0001086	480	96	< 160	< 78	< 25	< 9.8	< 9.8	< 13	< 20	< 25	< 100	< 5.0		< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	0000954	NSE	NSE	< 160	< 80	< 25	< 10	< 10	< 13	< 20	< 26	< 19.1	< 4.8		< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Acetone	0000676	9000	1800	17000	15000	<u>5300</u>	< 210	<u>4800</u>	< 210	9400	<u>4000</u>	<u>2420</u>	1120		635	687		404	120	< 29.5	53.7	363
Benzene	0000714	5	0.5	< 160	< 78	< 24	< 9.8	10	< 13	< 20	< 26	< 20.0	7.9		7.3	6.8		6.0	7.6	6.7	7.7	9.8
Chloroethane	0000750	400	80	< 1200	< 610	< 190	490	<u>300</u>	720	580	400	821	500		<u>336</u>	<u>296</u>		418	839	903	721	1050
Chloroform	0000676	6	0.6	< 160	< 81	< 25	< 10	< 10	< 11	< 18	< 23	< 27.5	< 6.9		< 25.0	< 25.0		< 25.0	< 25.0	< 25.0	< 25.0	< 25.0
Chloromethane	0000748	30	3	< 190	< 93	< 29	< 12	< 12	< 12	< 19	< 24	< 15.5	< 3.9		< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Dichlorodifluoromethan	0000757	1000	200	< 230	< 120	< 36	< 14	< 14	< 9.5	< 15	< 19	< 16.0	< 4.0		< 1.6	< 2.0		< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
Ethylbenzene	0001004	700	140	< 170	< 83	< 26	< 10	< 10	< 11	< 17	< 22	< 20.0	< 5.0		< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Fluorotrichloromethane	0000756	3490	698	< 250	< 130	< 40	< 16	< 16	< 13	< 20	< 25	< 19.1	< 4.8		< 1.7	< 1.7		< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Hexachlorobutadiene	0000876	NSE	NSE	< 360	< 180	< 56	< 22	< 22	< 11	< 18	< 23	< 50.3	< 12.6		< 21.1	< 21.1		< 21.1	< 21.1	< 21.1	< 21.1	< 21.1
Isopropyl Alcohol	0000676	NSE	NSE	29000	27000	12000	< 410	12000	< 320	17000	5200	4080	1430		908	1030		629	< 243	< 243	< 243	575
Isopropyl ether	0001082	NSE	NSE	< 200	< 98	< 31	< 12	< 12	< 9.5	< 15	< 19	< 20.0	< 5.0		< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Isopropylbenzene	0000988	NSE	NSE	< 170	< 86	< 27	< 11	< 11	< 11	< 18	< 22	< 13.6	< 3.4		< 1.2	< 1.4		< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
Methyl Ethyl Ketone	0000789	4000	800	9700	6200	<u>2800</u>	< 50	<u>2600</u>	< 50	<u>3500</u>	<u>1600</u>	697	334		152	209		155	< 29.8	< 29.8	< 29.8	88.0
Methyl Isobutyl Ketone	0001081	500	50	1200	920	650	1700	1400	1800	870	<u>440</u>	602	<u>299</u>		<u>141</u>	<u>135</u>		<u>109</u>	< 21.4	< 21.4	< 21.4	<u>63.7</u>
Methyl tert-butyl Ether	0016340	60	12	< 230	< 110	< 35	< 14	< 14	< 9.5	< 15	< 19	< 19.7	< 4.9		< 1.7	< 1.7		< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
Methylene Chloride	0000750	5	0.5	< 380	< 190	< 60	< 24	< 24	< 20	< 32	< 40	< 14.3	< 3.6		< 2.3	<u>2.6</u>		< 2.3	< 2.3	< 2.3	< 2.3	< 2.3
Naphthalene	0000912	100	10	< 320	< 160	< 51	< 20	< 20	< 16	< 26	< 32	< 100	< 25.0		< 25.0	< 25.0		< 25.0	< 25.0	< 25.0	< 25.0	< 25.0
n-Butylbenzene	0001045	NSE	NSE	< 140	< 72	< 23	< 9.1	< 9.1	< 12	< 20	< 24	< 16.0	< 4.0		< 2.2	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p-Isopropyltoluene	0000998	NSE	NSE	< 150	< 76	< 24	< 9.5	< 9.5	< 10	< 16	< 20	< 15.9	< 4.0		< 1.3	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Styrene	0001004	100	10	< 140	< 68	< 21	< 8.6	< 8.6	< 9.7	< 16	< 19	< 14.0	< 3.5		< 1.5	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	0001271	5	0.5	< 160	< 82	< 26	< 10	< 10	< 7.3	< 12	< 15	< 18.9	< 4.7		< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	0001088	800	160	870	800	860	<u>230</u>	<u>530</u>	<u>330</u>	840	860	<u>382</u>	<u>592</u>		968	970		<u>576</u>	<u>315</u>	113	<u>535</u>	<u>482</u>
Total TriMthBenzenes	TOTALT	480	96	< 140	< 72	< 23	< 9.1	< 9.1	< 12	< 19	< 24	< 100	< 5		< 5	< 10		< 10	< 10	< 10	< 10	< 10
Total Xylenes	TOTAL X	2000	400	< 190	< 96	< 30	< 12	< 12	< 11	< 18	< 22	< 20	< 5		< 10	< 15		< 15	< 15	< 15	< 15	< 15
Trichloroethene	0000790	5	0.5	< 130	< 67	< 21	< 8.4	< 8.4	< 12	< 20	< 25	< 17.2	< 3.6		< 3.3	< 3.3		< 3.3	< 3.3	< 3.3	< 3.3	< 3.3
Vinyl Chloride	0000750	0.2	0.02	390	170	140	< 9.2	150	< 7.5	200	120	< 7.4	13		57.9	138		15.9	< 1.8	< 1.8	2.8	5.3
Xylene - M & P	1796012	2000	400	< 270	< 130	< 42	< 17	< 17	< 23	< 36	< 46	< 32.7	< 8.2		< 10.0	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Xylene - O	0000954	2000	400	< 190	< 96	< 30	< 12	< 12	< 11	< 18	< 22	< 20.0	< 5.0		< 5.0	< 5.0		7.6	6.1	5.3	5.7	6.8

175	W-17B	RESULTS MONTH/YEAR																					
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40	< .22	< .22	< .22	< 1.1	< 1.1	< 1	< 1	< .21	< 0.44	< 0.44		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
1,1,2-Trichloroethane	0000790	5	0.5	< .23	< .23	< .23	< 1.1	< 1.1	< 1.3	< 1.3	< .25	< 0.39	< 0.39		< 0.16	< 0.16		< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	
1,1-Dichloroethane	0000753	850	85	.89	.96	.82	1.1	1.4	< .94	1.2	1.1	2.0	0.75		0.85	0.77		0.43	< 0.24	0.51	0.45	0.43	
1,1-Dichloroethene	0000753	7	0.7	< .21	< .21	< .21	< 1	< 1	< 1	< 1	< .2	<u>4.1</u>	<u>2.6</u>		< 0.41	<u>1.2</u>		0.59	0.53	< 0.41	< 0.41	< 0.41	
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .27	< .27	< .27	< 1.4	< 1.4	< 1.3	< 1.3	< .26	< 0.77	< 0.77		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	
1,2,4-Trichlorobenzene	0001208	70	14	< .32	< .32	< .32	< 1.6	< 1.6	< 1.4	< 1.4	< .28	< 2.5	< 2.5		< 2.2	< 2.2		< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	
1,2-cis-Dichloroethene	0001565	70	7	.81	.76	.7	< 1	1.1	< 1	< 1	1	0.78	0.66		0.59	0.64		0.65	0.64	0.39	0.41	0.39	
1,2-Dichlorobenzene	0000955	600	60	< .16	< .16	< .16	< .79	< .79	< .93	< .93	< .19	< 0.44	< 0.44		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
1,2-Dichloroethane	0001070	5	0.5	< .16	< .16	< .16	< .82	< .82	< 1.2	< 1.2	< .24	< 0.48	< 0.48		< 0.17	< 0.17		< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	
1,2-Dichloropropane	0000788	5	0.5	.36	.25	< .22	< 1.1	< 1.1	< .99	< .99	.32	< 0.50	< 0.50		< 0.23	< 0.23		< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	
1,2-trans-Dichloroethen	0001566	100	20	< .26	< .26	< .26	< 1.3	< 1.3	< .97	< .97	< .19	< 0.37	< 0.37		< 0.24	< 0.26		< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	
1,4-Dichlorobenzene	0001064	75	15	< .22	< .22	< .22	< 1.1	< 1.1	< 1.1	< 1.1	< .22	< 0.43	< 0.43		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
124TRIMTHLBENZEN	0000956	480	96	< .18	< .18	< .18	< .91	< .91	< 1.2	< 1.2	< .24	< 0.57	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
135TRIMTHLBENZEN	0001086	480	96	< .2	< .2	< .2	< .98	< .98	< 1.3	< 1.3	< .25	< 2.5	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
2-Chlorotoluene	0000954	NSE	NSE	< .2	< .2	< .2	< 1	< 1	< 1.3	< 1.3	< .26	< 0.48	< 0.48		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
Acetone	0000676	9000	1800	< 4.2	4.7	< 4.2	< 21	< 21	< 21	< 21	< 4.2	4.1	< 2.6		< 3.0	< 3.0		< 3.0	< 3.0	< 3.0	< 3.0	3.0	
Benzene	0000714	5	0.5	< .2	< .2	< .2	< .98	< .98	< 1.3	< 1.3	< .26	< 0.50	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
Chloroethane	0000750	400	80	< 1.5	< 1.5	< 1.5	< 7.6	< 7.6	< 10	< 10	< 2.1	< 0.44	< 0.44		< 0.37	< 0.37		< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	
Chloroform	0000676	6	0.6	< .2	< .2	< .2	< 1	< 1	< 1.1	< 1.1	< .23	< 0.69	< 0.69		< 2.5	< 2.5		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	
Chloromethane	0000748	30	3	< .23	.46	< .23	< 1.2	< 1.2	< 1.2	< 1.2	< .24	< 0.39	< 0.39		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
Dichlorodifluoromethan	0000757	1000	200	< .29	< .29	< .29	< 1.4	< 1.4	< .95	82	71	< 0.40	< 0.40		< 0.16	33.0		< 0.22	< 0.22	< 0.22	< 0.22	0.69	
Ethylbenzene	0001004	700	140	< .21	< .21	< .21	< 1	< 1	< 1.1	< 1.1	< .22	< 0.50	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
Fluorotrichloromethane	0000756	3490	698	< .32	< .32	< .32	< 1.6	< 1.6	< 1.3	< 1.3	< .25	< 0.48	< 0.48		< 0.17	< 0.17		< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	
Hexachlorobutadiene	0000876	NSE	NSE	< .45	< .45	< .45	< 2.2	< 2.2	< 1.1	< 1.1	< .23	< 1.3	< 1.3		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	
Isopropyl Alcohol	0000676	NSE	NSE	< 8.3	< 8.3	< 8.3	< 41	< 41	35	< 32	< 6.3	< 40.8	< 40.8		31.6	< 24.3		< 24.3	< 24.3	< 24.3	< 24.3	< 24.3	
Isopropyl ether	0001082	NSE	NSE	< .25	< .25	< .25	< 1.2	< 1.2	< .95	< .95	< .19	< 0.50	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
Isopropylbenzene	0000988	NSE	NSE	< .22	< .22	< .22	< 1.1	< 1.1	< 1.1	< 1.1	< .22	< 0.34	< 0.34		< 0.12	< 0.14		< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	
Methyl Ethyl Ketone	0000789	4000	800	< 1	< 1	< 1	< 5	5.7	< 5	< 5	< 1	< 2.7	< 2.7		< 3.0	< 3.0		< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	
Methyl Isobutyl Ketone	0001081	500	50	< .53	< .53	< .53	< 2.7	< 2.7	< 1.6	< 1.6	< .31	< 2.3	< 2.3		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	
Methyl tert-butyl Ether	0016340	60	12	< .28	< .28	< .28	< 1.4	< 1.4	< .95	< .95	< .19	< 0.49	< 0.49		< 0.17	< 0.17		< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	
Methylene Chloride	0000750	5	0.5	< .48	< .48	< .48	< 2.4	< 2.4	< 2	< 2	< .4	< 0.36	< 0.36		< 0.23	< 0.23		< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	
Naphthalene	0000912	100	10	< .41	< .41	< .41	< 2	< 2	< 1.6	< 1.6	< .32	< 2.5	< 2.5		< 2.5	< 2.5		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	
n-Butylbenzene	0001045	NSE	NSE	< .18	< .18	< .18	< .91	< .91	< 1.2	< 1.2	< .24	< 0.40	< 0.40		< 0.22	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
p-Isopropyltoluene	0000998	NSE	NSE	< .19	< .19	< .19	< .95	< .95	< 1	< 1	< .2	< 0.40	< 0.40		< 0.13	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
Styrene	0001004	100	10	< .17	< .17	< .17	< .86	< .86	< .97	< .97	< .19	< 0.35	< 0.35		< 0.15	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
Tetrachloroethene	0001271	5	0.5	< .21	< .21	< .21	< 1	< 1	< .73	< .73	< .15	< 0.47	< 0.47		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
Toluene	0001088	800	160	< .17	< .17	< .17	< .86	< .86	< 1.2	< 1.2	< .23	< 0.44	< 0.44		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
Total TriMthBenzenes	TOTALT	480	96	< .18	< .18	< .18	< .91	< .91	< 1.2	< 1.2	< .24	< .57	< .5		< .5	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Total Xylenes	TOTAL X	2000	400	< .24	< .24	< .24	< 1.2	< 1.2	< 1.1	< 1.1	< .22	< .5	< .5		< .5	< 1.5		< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Trichloroethene	0000790	5	0.5	<u>.58</u>	<u>.61</u>	<u>.63</u>	< .84	<u>.87</u>	< 1.2	< 1.2	<u>.7</u>	< 0.43	<u>0.70</u>		0.40	<u>0.67</u>		<u>0.52</u>	<u>1.6</u>	<u>0.77</u>	<u>0.99</u>	<u>0.98</u>	
Vinyl Chloride	0000750	0.2	0.02	.35	1.2	4.6	14	15	14	13	6.7	7.4	2.7		1.4	0.74		< 0.18	< 0.18	< 0.18	0.22	0.22	
Xylene - M & P	1796012	2000	400	< .33	< .33	< .33	< 1.7	< 1.7	< 2.3	< 2.3	< .46	< 0.82	< 0.82		< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Xylene - O	0000954	2000	400	< .24	< .24	< .24	< 1.2	< 1.2	< 1.1	< 1.1	< .22	< 0.50	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	

178	W-18	RESULTS MONTH/YEAR																				
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	< .22	< .22	< .2	< .22	< .22	< .21	< .21	< .21	< 0.44	< 0.44		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,1,2-Trichloroethane	0000790	5	0.5	< .23	< .23	< .17	< .23	< .23	< .25	< .25	< .25	< 0.39	< 0.39		< 0.16	< 0.16		< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
1,1-Dichloroethane	0000753	850	85	< .21	< .21	< .16	< .21	< .21	< .19	< .19	< .19	< 0.28	< 0.28		0.96	1.5		< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,1-Dichloroethene	0000753	7	0.7	< .21	< .21	< .15	< .21	< .21	< .2	< .2	< .2	< 0.43	< 0.43		< 0.41	< 0.41		< 0.41	< 0.41	< 0.41	< 0.41	< 0.41
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .27	< .27	< .23	< .27	< .27	< .26	< .26	< .26	< 0.77	< 0.77		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
1,2,4-Trichlorobenzene	0001208	70	14	< .32	< .32	< .3	< .32	< .32	< .28	< .28	< .28	< 2.5	< 2.5		< 2.2	< 2.2		< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
1,2-cis-Dichloroethene	0001565	70	7	< .2	< .2	< .12	< .2	< .2	< .21	< .21	< .21	< 0.42	< 0.42		1.4	2.1		1.3	0.47	< 0.26	< 0.26	< 0.26
1,2-Dichlorobenzene	0000955	600	60	< .16	< .16	< .13	< .16	< .16	< .19	< .19	< .19	< 0.44	< 0.44		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dichloroethane	0001070	5	0.5	.17	< .16	< .22	< .16	< .16	< .24	< .24	< .24	< 0.48	< 0.48		< 0.17	< 0.17		< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
1,2-Dichloropropane	0000788	5	0.5	< .22	< .22	< .21	< .22	< .22	< .2	< .2	< .2	< 0.50	< 0.50		< 0.23	< 0.23		< 0.23	< 0.23	< 0.23	< 0.23	< 0.23
1,2-trans-Dichloroethen	0001566	100	20	< .26	< .26	< .13	< .26	< .26	< .19	< .19	< .19	< 0.37	< 0.37		< 0.24	< 0.26		< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
1,4-Dichlorobenzene	0001064	75	15	< .22	< .22	< .13	< .22	< .22	< .22	< .22	< .22	< 0.43	< 0.43		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
124TRIMTHLBENZEN	0000956	480	96	< .18	< .18	< .12	< .18	< .18	< .24	< .24	< .24	< 0.57	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
135TRIMTHLBENZEN	0001086	480	96	< .2	< .2	< .12	< .2	< .2	< .25	< .25	< .25	< 2.5	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Chlorotoluene	0000954	NSE	NSE	< .2	< .2	< .15	< .2	< .2	< .26	< .26	< .26	< 0.48	< 0.48		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acetone	0000676	9000	1800	< 4.2	< 4.2	5	< 4.2	< 4.2	< 4.2	7.4	< 4.2	< 2.6	< 2.6		8.1	< 3.0		< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Benzene	0000714	5	0.5	< .2	< .2	< .13	< .2	< .2	< .26	< .26	< .26	< 0.50	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chloroethane	0000750	400	80	< 1.5	< 1.5	< .67	< 1.5	< 1.5	< 2.1	< 2.1	< 2.1	< 0.44	< 0.44		0.55	0.74		< 0.37	< 0.37	< 0.37	< 0.37	< 0.37
Chloroform	0000676	6	0.6	< .2	< .2	< .13	< .2	< .2	< .23	< .23	< .23	< 0.69	< 0.69		< 2.5	< 2.5		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Chloromethane	0000748	30	3	< .23	< .23	< .28	< .23	< .23	< .24	< .24	< .24	< 0.39	< 0.39		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dichlorodifluoromethan	0000757	1000	200	.6	< .29	< .13	< .29	< .29	< .19	< .19	< .19	< 0.40	< 0.40		6.1	1.0		3.9	2.8	1.6	2.4	1.3
Ethylbenzene	0001004	700	140	< .21	< .21	.74	< .21	< .21	< .22	< .22	.24	< 0.50	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Fluorotrichloromethane	0000756	3490	698	< .32	< .32	< .11	< .32	< .32	< .25	< .25	< .25	< 0.48	< 0.48		< 0.17	< 0.17		< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Hexachlorobutadiene	0000876	NSE	NSE	< .45	< .45	< .36	< .45	< .45	< .23	< .23	< .23	< 1.3	< 1.3		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
Isopropyl Alcohol	0000676	NSE	NSE	< 8.3	< 8.3	< 14	< 8.3	< 8.3	31	14	< 6.3	< 40.8	< 40.8		57.8	< 24.3		< 24.3	< 24.3	< 24.3	< 24.3	< 24.3
Isopropyl ether	0001082	NSE	NSE	< .25	< .25	< .2	< .25	< .25	< .19	< .19	< .19	< 0.50	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Isopropylbenzene	0000988	NSE	NSE	< .22	< .22	< .1	< .22	< .22	< .22	< .22	< .22	< 0.34	< 0.34		< 0.12	< 0.14		< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Methyl Ethyl Ketone	0000789	4000	800	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2.7	< 2.7		< 3.0	< 3.0		< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Methyl Isobutyl Ketone	0001081	500	50	< .53	< .53	< .64	< .53	< .53	< .31	< .31	< .31	< 2.3	< 2.3		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
Methyl tert-butyl Ether	0016340	60	12	< .28	< .28	< .13	< .28	< .28	< .19	< .19	< .19	< 0.49	< 0.49		0.29	0.18		< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
Methylene Chloride	0000750	5	0.5	< .48	< .48	< .27	< .48	< .48	< .4	< .4	< .4	< 0.36	< 0.36		1.2	0.37		< 0.23	< 0.23	< 0.23	< 0.23	< 0.23
Naphthalene	0000912	100	10	< .41	< .41	< .31	< .41	< .41	< .32	< .32	< .32	< 2.5	< 2.5		< 2.5	< 2.5		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
n-Butylbenzene	0001045	NSE	NSE	< .18	< .18	< .14	< .18	< .18	< .24	< .24	< .24	< 0.40	< 0.40		< 0.22	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
p-Isopropyltoluene	0000998	NSE	NSE	< .19	< .19	< .11	< .19	< .19	< .2	< .2	< .2	< 0.40	< 0.40		< 0.13	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Styrene	0001004	100	10	< .17	< .17	< .11	< .17	< .17	< .19	< .19	< .19	< 0.35	< 0.35		< 0.15	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Tetrachloroethene	0001271	5	0.5	< .21	< .21	< .18	< .21	< .21	< .15	< .15	< .15	< 0.47	< 0.47		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Toluene	0001088	800	160	< .17	< .17	< .16	< .17	< .17	< .23	< .23	< .23	< 0.44	< 0.44		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total TriMthBenzenes	TOTALT	480	96	< .18	< .18	< .12	< .18	< .18	< .24	< .24	< .24	< .57	< .5		< .5	< 1		< 1	< 1	< 1	< 1	< 1
Total Xylenes	TOTAL X	2000	400	< .24	< .24	.75	< .24	< .24	< .22	< .22	< .22	< .5	< .5		< .5	< 1.5		< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Trichloroethene	0000790	5	0.5	< .17	< .17	< .16	< .17	< .17	< .25	< .25	< .25	< 0.43	< 0.36		< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Vinyl Chloride	0000750	0.2	0.02	< .18	< .18	< .17	< .18	< .18	< .15	< .15	< .15	< 0.18	< 0.18		< 0.18	0.46		0.28	< 0.18	< 0.18	< 0.18	< 0.18
Xylene - M & P	1796012	2000	400	< .33	< .33	.75	< .33	< .33	< .46	< .46	< .46	< 0.82	< 0.82		< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Xylene - O	0000954	2000	400	< .24	< .24	< .16	< .24	< .24	< .22	< .22	< .22	< 0.50	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

181	W-18A	RESULTS MONTH/YEAR																				
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	< 2.2	< 2.2	< 2.5	< 1.7	< 1.7	< 1.6	< 1.7	< 4.1	< 0.44	< 0.44		< 0.50	< 0.50		< 1.2	< 1.2	< 0.50	< 0.50	< 0.50
1,1,2-Trichloroethane	0000790	5	0.5	< 2.3	< 2.3	< 2.1	< 1.8	< 1.8	< 2	< 1.8	< 5.1	< 0.39	< 0.39		< 0.16	< 0.16		< 0.49	< 0.49	< 0.20	< 0.20	< 0.20
1,1-Dichloroethane	0000753	850	85	35	37	25	31	40	44	48	52	28.0	15.8		17.2	10.6		15.7	7.4	6.5	6.5	10.2
1,1-Dichloroethene	0000753	7	0.7	< 2.1	< 2.1	< 1.9	< 1.7	< 1.7	< 1.6	< 1.7	< 4	< 0.43	< 0.43		< 0.41	< 0.41		< 1.0	< 1.0	< 0.41	< 0.41	< 0.41
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< 2.7	< 2.7	< 2.8	< 2.2	< 2.2	< 2.1	< 2.2	< 5.2	< 0.77	< 0.77		< 2.1	< 2.1		< 5.3	< 5.3	< 2.1	< 2.1	< 2.1
1,2,4-Trichlorobenzene	0001208	70	14	< 3.2	< 3.2	< 3.8	< 2.5	< 2.5	< 2.3	< 2.5	< 5.6	< 2.5	< 2.5		< 2.2	< 2.2		< 5.5	< 5.5	< 2.2	< 2.2	< 2.2
1,2-cis-Dichloroethene	0001565	70	7	< 2	< 2	< 1.5	< 1.6	< 1.6	< 1.6	< 1.6	< 4.1	0.68	0.53		0.60	0.49		0.91	< 0.64	0.66	0.84	1.1
1,2-Dichlorobenzene	0000955	600	60	< 1.6	2	< 1.6	< 1.3	< 1.3	< 1.5	< 1.3	< 3.7	< 0.44	< 0.44		< 0.50	0.59		1.3	< 1.2	0.56	0.54	0.55
1,2-Dichloroethane	0001070	5	0.5	6.6	9.1	5.4	5.1	7.1	7.9	<u>4.1</u>	6.9	<u>1.4</u>	<u>1</u>		<u>1.5</u>	<u>1.7</u>		<u>3.1</u>	<u>1.2</u>	<u>0.80</u>	<u>1.0</u>	<u>1.4</u>
1,2-Dichloropropane	0000788	5	0.5	< 2.2	< 2.2	< 2.6	< 1.7	< 1.7	<u>3.6</u>	<u>3.5</u>	< 3.9	<u>1.4</u>	<u>1.1</u>		<u>1.2</u>	<u>0.66</u>		< 0.58	< 0.58	0.38	0.46	<u>0.59</u>
1,2-trans-Dichloroethen	0001566	100	20	< 2.6	2.9	1.6	< 2.1	2.2	2.6	3	< 3.9	1.7	1.6		2.0	1.4		1.6	1.4	1.2	0.86	1.0
1,4-Dichlorobenzene	0001064	75	15	< 2.2	< 2.2	< 1.6	< 1.8	< 1.8	< 1.7	< 1.8	< 4.4	< 0.43	< 0.43		< 0.50	< 0.50		< 1.2	< 1.2	< 0.50	< 0.50	< 0.50
124TRIMTHLBENZEN	0000956	480	96	5.2	16	7.4	3.2	11	15	6.7	7.8	2.2	2.3		3.5	9.2		27.0	7.3	8.6	11.1	9.6
135TRIMTHLBENZEN	0001086	480	96	2.6	5.8	3.3	2.6	4	< 2	< 1.6	< 5.1	< 2.5	< 0.50		0.64	1.6		6.4	< 1.2	1.4	1.3	1.0
2-Chlorotoluene	0000954	NSE	NSE	< 2	< 2	< 1.8	< 1.6	< 1.6	< 2	< 1.6	< 5.1	< 0.48	< 0.48		< 0.50	< 0.50		< 1.2	< 1.2	< 0.50	< 0.50	< 0.50
Acetone	0000676	9000	1800	< 42	< 42	< 50	< 33	< 33	< 33	< 33	< 83	5.5	4.0		5.1	< 3.0		9.1	< 7.4	< 3.0	< 3.0	< 3.0
Benzene	0000714	5	0.5	9.1	15	7.7	7.3	11	12	6.7	10	<u>2.2</u>	<u>1.7</u>		<u>2.8</u>	<u>3.3</u>		6.9	<u>2.6</u>	<u>1.7</u>	<u>1.8</u>	<u>2.4</u>
Chloroethane	0000750	400	80	49	<u>110</u>	42	55	<u>86</u>	<u>130</u>	67	<u>100</u>	16.9	14.5		28.2	24.6		49.3	8.2	10.6	10.7	18.9
Chloroform	0000676	6	0.6	< 2	< 2	< 1.6	< 1.6	< 1.6	< 1.8	< 1.6	< 4.5	< 0.69	< 0.69		< 2.5	< 2.5		< 6.2	< 6.2	< 2.5	< 2.5	< 2.5
Chloromethane	0000748	30	3	< 2.3	< 2.3	< 3.5	< 1.9	< 1.9	< 1.9	< 1.9	< 4.8	< 0.39	< 0.39		< 0.50	< 0.50		< 1.2	< 1.2	< 0.50	< 0.50	< 0.50
Dichlorodifluoromethan	0000757	1000	200	< 2.9	< 2.9	< 1.7	< 2.3	< 2.3	< 1.5	< 2.3	< 3.8	< 0.40	< 0.40		< 0.16	0.74		< 0.56	< 0.56	< 0.22	< 0.22	0.94
Ethylbenzene	0001004	700	140	120	<u>320</u>	<u>160</u>	95	140	<u>300</u>	<u>180</u>	<u>170</u>	70.8	68.9		113	<u>183</u>		<u>390</u>	122	118	117	85.0
Fluorotrichloromethane	0000756	3490	698	< 3.2	< 3.2	< 1.4	< 2.5	< 2.5	< 2	< 2.5	< 5.1	< 0.48	< 0.48		< 0.17	< 0.17		< 0.46	< 0.46	< 0.18	< 0.18	< 0.18
Hexachlorobutadiene	0000876	NSE	NSE	< 4.5	< 4.5	< 4.5	< 3.6	< 3.6	< 1.8	< 3.6	< 4.5	< 1.3	< 1.3		< 2.1	< 2.1		< 5.3	< 5.3	< 2.1	< 2.1	< 2.1
Isopropyl Alcohol	0000676	NSE	NSE	< 83	< 83	< 180	< 66	< 66	< 51	< 66	< 130	< 40.8	< 40.8		29.7	< 24.3		< 60.9	< 60.9	< 24.3	< 24.3	< 24.3
Isopropyl ether	0001082	NSE	NSE	< 2.5	< 2.5	< 2.5	< 2	< 2	< 1.5	< 2	< 3.8	< 0.50	< 0.50		< 0.50	< 0.50		< 1.2	< 1.2	< 0.50	< 0.50	< 0.50
Isopropylbenzene	0000988	NSE	NSE	< 2.2	3.6	1.8	< 1.7	2.8	3.3	1.8	< 4.4	0.60	< 0.34		0.67	0.87		3.5	1.4	1.2	1.6	0.72
Methyl Ethyl Ketone	0000789	4000	800	< 10	< 10	< 13	< 8	< 8	< 8	< 8	< 20	< 2.7	< 2.7		< 3.0	< 3.0		< 7.4	< 7.4	< 3.0	< 3.0	< 3.0
Methyl Isobutyl Ketone	0001081	500	50	< 5.3	< 5.3	< 8	< 4.2	< 4.2	< 2.5	< 4.2	< 6.3	< 2.3	< 2.3		< 2.1	< 2.1		< 5.4	< 5.4	< 2.1	< 2.1	< 2.1
Methyl tert-butyl Ether	0016340	60	12	< 2.8	< 2.8	< 1.6	< 2.3	< 2.3	< 1.5	< 2.3	< 3.8	< 0.49	< 0.49		< 0.17	< 0.17		< 0.44	< 0.44	< 0.17	< 0.17	< 0.17
Methylene Chloride	0000750	5	0.5	< 4.8	< 4.8	8.8	< 3.8	< 3.8	< 3.2	< 3.8	< 8	< 0.36	< 0.36		<u>0.57</u>	<u>0.72</u>		<u>1.1</u>	< 0.58	<u>0.73</u>	<u>1.2</u>	<u>1.8</u>
Naphthalene	0000912	100	10	< 4.1	< 4.1	< 3.8	< 3.2	< 3.2	< 2.6	< 3.2	< 6.4	< 2.5	< 2.5		< 2.5	< 2.5		< 6.2	< 6.2	< 2.5	< 2.5	< 2.5
n-Butylbenzene	0001045	NSE	NSE	< 1.8	1.9	< 1.7	< 1.4	< 1.4	< 2	< 1.4	< 4.9	< 0.40	< 0.40		< 0.22	< 0.50		< 1.2	< 1.2	< 0.50	< 0.50	< 0.50
p-Isopropyltoluene	0000998	NSE	NSE	< 1.9	< 1.9	< 1.4	< 1.5	< 1.5	< 1.6	< 1.5	< 4.1	< 0.40	< 0.40		< 0.13	< 0.50		< 1.2	< 1.2	< 0.50	< 0.50	< 0.50
Styrene	0001004	100	10	< 1.7	< 1.7	< 1.4	< 1.4	< 1.4	< 1.6	< 1.4	< 3.9	< 0.35	< 0.35		< 0.15	< 0.50		< 1.2	< 1.2	< 0.50	< 0.50	< 0.50
Tetrachloroethene	0001271	5	0.5	< 2.1	< 2.1	< 2.3	< 1.6	< 1.6	< 1.2	< 1.6	< 2.9	< 0.47	< 0.47		< 0.50	< 0.50		< 1.2	< 1.2	< 0.50	< 0.50	< 0.50
Toluene	0001088	800	160	7.4	43	9.5	4	32	14	12	8	4.0	3.6		7.1	6.8		20.1	6.3	4.5	4.9	5.9
Total TriMthBenzenes	TOTALT	480	96	7.8	21.8	10.7	5.8	15	15	6.7	7.8	< .57	< .5		< .5	10.8		33.4	7.3	10	12.4	10.6
Total Xylenes	TOTAL X	2000	400	90.6	294	138.1	49.8	226	208.2	105.2	159	< .5	< .5		< .5	<u>535</u>		<u>1277</u>	281.5	337	276.5	195.9
Trichloroethene	0000790	5	0.5	< 1.7	< 1.7	< 2	< 1.3	< 1.3	< 2	< 1.3	< 5	< 0.43	< 0.36		< 0.33	< 0.33		< 0.83	< 0.83	< 0.33	< 0.33	< 0.33
Vinyl Chloride	0000750	0.2	0.02	< 1.8	< 1.8	< 2.2	1.8	1.7	2.9	5.1	5.1	11.0	6		10.9	2.3		1.3	1.9	1.0	1.0	1.6
Xylene - M & P	1796012	2000	400	85	270	130	47	210	200	96	140	58.8	89.4		198	<u>411</u>		<u>1000</u>	223	272	214	148
Xylene - O	0000954	2000	400	5.6	24	8.1	2.8	16	8.2	9.2	19	13.5	21.6		54.9	124		277	58.5	65.0	62.5	47.9

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	< 8.7	< 3.1	< 9.8	< 25	< 26	< 26													
1,1,2-Trichloroethane	0000790	5	0.5	< 9	< 5.2	< 8.3	< 21	< 32	< 32													
1,1-Dichloroethane	0000753	850	85	<u>160</u>	<u>160</u>	<u>290</u>	<u>340</u>	<u>300</u>	<u>290</u>													
1,1-Dichloroethene	0000753	7	0.7	< 8.3	< 5.4	< 7.6	< 19	< 25	< 25													
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< 11	< 7.4	< 11	< 28	< 33	< 33													
1,2,4-Trichlorobenzene	0001208	70	14	< 13	< 5.5	< 15	< 38	< 35	< 35													
1,2-cis-Dichloroethene	0001565	70	7	<u>49</u>	81	180	170	200	220													
1,2-Dichlorobenzene	0000955	600	60	< 6.3	< 4	< 6.5	< 16	< 23	< 23													
1,2-Dichloroethane	0001070	5	0.5	8.5	7.6	17	< 28	< 31	42													
1,2-Dichloropropane	0000788	5	0.5	< 8.7	< 8.2	11	< 26	< 25	< 25													
1,2-trans-Dichloroethen	0001566	100	20	< 10	< 5.1	< 6.3	< 16	< 24	< 24													
1,4-Dichlorobenzene	0001064	75	15	< 8.9	< 7.4	< 6.4	< 16	< 27	< 27													
124TRIMTHLBENZEN	0000956	480	96	< 7.2	< 4.8	6.2	< 15	< 30	< 30													
135TRIMTHLBENZEN	0001086	480	96	< 7.8	< 4.9	< 6.1	< 15	< 32	< 32													
2-Chlorotoluene	0000954	NSE	NSE	< 8	< 4.7	< 7.3	< 18	< 32	< 32													
Acetone	0000676	9000	1800	< 170	< 100	< 200	< 500	< 520	< 520													
Benzene	0000714	5	0.5	12	9.5	20	26	< 32	< 32													
Chloroethane	0000750	400	80	< 61	< 29	52	<u>97</u>	< 260	< 260													
Chloroform	0000676	6	0.6	< 8.1	< 3.3	< 6.5	< 16	< 28	< 28													
Chloromethane	0000748	30	3	< 9.3	< 5.8	< 14	< 35	< 30	< 30													
Dichlorodifluoromethan	0000757	1000	200	< 12	9.7	< 6.7	< 17	< 24	< 24													
Ethylbenzene	0001004	700	140	100	78	<u>350</u>	<u>360</u>	<u>260</u>	<u>340</u>													
Fluorotrichloromethane	0000756	3490	698	< 13	< 5.3	< 5.4	< 14	< 32	< 32													
Hexachlorobutadiene	0000876	NSE	NSE	< 18	< 6.2	< 18	< 45	< 28	< 28													
Isopropyl Alcohol	0000676	NSE	NSE	< 330	< 250	< 710	< 1800	< 790	< 790													
Isopropyl ether	0001082	NSE	NSE	< 9.8	5	< 10	< 25	< 24	25													
Isopropylbenzene	0000988	NSE	NSE	< 8.6	< 4.4	< 5.1	< 13	< 28	< 28													
Methyl Ethyl Ketone	0000789	4000	800	< 40	< 12	< 50	< 130	< 130	< 130													
Methyl Isobutyl Ketone	0001081	500	50	< 21	< 9.2	<u>150</u>	<u>100</u>	<u>86</u>	< 39													
Methyl tert-butyl Ether	0016340	60	12	< 11	< 4.8	< 6.4	< 16	< 24	< 24													
Methylene Chloride	0000750	5	0.5	< 19	6.1	< 13	< 33	< 50	< 50													
Naphthalene	0000912	100	10	< 16	< 7.9	< 15	< 38	< 40	< 40													
n-Butylbenzene	0001045	NSE	NSE	< 7.2	< 5.6	< 6.8	< 17	< 31	< 31													
p-Isopropyltoluene	0000998	NSE	NSE	< 7.6	< 4.1	< 5.4	< 14	< 25	< 25													
Styrene	0001004	100	10	< 6.8	< 5	< 5.5	< 14	< 24	< 24													
Tetrachloroethene	0001271	5	0.5	< 8.2	< 3	< 9	< 23	86	< 18													
Toluene	0001088	800	160	<u>340</u>	<u>260</u>	1300	1600	1500	2200													
Total TriMthBenzenes	TOTALT	480	96	< 7.2	< 4.8	6.2	< 15	< 30	< 30													
Total Xylenes	TOTAL X	2000	400	173	122	<u>565</u>	<u>540</u>	303	378													
Trichloroethene	0000790	5	0.5	< 6.7	< 9.3	< 8.2	< 20	< 31	< 31													
Vinyl Chloride	0000750	0.2	0.02	140	180	310	400	360	410													
Xylene - M & P	1796012	2000	400	140	100	<u>470</u>	<u>440</u>	240	310													
Xylene - O	0000954	2000	400	33	22	95	100	63	68													

185	W-19R	RESULTS MONTH/YEAR																				
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40														< 2.0	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0
1,1,2-Trichloroethane	0000790	5	0.5														< 0.62	< 19.7	< 19.7	< 19.7	< 19.7	< 19.7
1,1-Dichloroethane	0000753	850	85														8.6	< 24.2	< 24.2	< 24.2	< 24.2	< 24.2
1,1-Dichloroethene	0000753	7	0.7														< 1.6	< 41.0	< 41.0	< 41.0	< 41.0	< 41.0
1,2,3-Trichlorobenzene	0000876	NSE	NSE														< 8.5	< 213	< 213	< 213	< 213	< 213
1,2,4-Trichlorobenzene	0001208	70	14														< 8.8	< 221	< 221	< 221	< 221	< 221
1,2-cis-Dichloroethene	0001565	70	7														< 1.0	< 25.6	< 25.6	< 25.6	< 25.6	< 25.6
1,2-Dichlorobenzene	0000955	600	60														< 2.0	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0
1,2-Dichloroethane	0001070	5	0.5														54.4	153	153	115	132	74.6
1,2-Dichloropropane	0000788	5	0.5														<u>1.3</u>	< 23.3	< 23.3	< 23.3	< 23.3	< 23.3
1,2-trans-Dichloroethen	0001566	100	20														1.9	< 25.7	< 25.7	< 25.7	< 25.7	< 25.7
1,4-Dichlorobenzene	0001064	75	15														< 2.0	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0
124TRIMTHLBENZEN	0000956	480	96														< 2.0	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0
135TRIMTHLBENZEN	0001086	480	96														< 2.0	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0
2-Chlorotoluene	0000954	NSE	NSE														< 2.0	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0
Acetone	0000676	9000	1800														< 11.8	<u>2530</u>	<u>2430</u>	<u>2940</u>	1610	< 295
Benzene	0000714	5	0.5														34.2	114	119	104	131	101
Chloroethane	0000750	400	80														<u>317</u>	703	<u>283</u>	<u>313</u>	492	533
Chloroform	0000676	6	0.6														< 10.0	< 250	< 250	< 250	< 250	< 250
Chloromethane	0000748	30	3														< 2.0	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0
Dichlorodifluoromethan	0000757	1000	200														< 0.81	< 22.4	< 22.4	< 22.4	< 22.4	< 22.4
Ethylbenzene	0001004	700	140														13.3	< 50.0	107	112	136	<u>497</u>
Fluorotrichloromethane	0000756	3490	698														< 0.69	< 18.5	< 18.5	< 18.5	< 18.5	< 18.5
Hexachlorobutadiene	0000876	NSE	NSE														< 8.4	< 211	< 211	< 211	< 211	< 211
Isopropyl Alcohol	0000676	NSE	NSE														< 97.4	4350	2920	3320	2900	< 2430
Isopropyl ether	0001082	NSE	NSE														25.4	115	69.6	69.8	64.1	< 50.0
Isopropylbenzene	0000988	NSE	NSE														< 0.57	< 14.3	< 14.3	< 14.3	< 14.3	< 14.3
Methyl Ethyl Ketone	0000789	4000	800														< 11.9	753	<u>840</u>	<u>878</u>	420	< 298
Methyl Isobutyl Ketone	0001081	500	50														< 8.6	6510	7370	7410	6570	<u>366</u>
Methyl tert-butyl Ether	0016340	60	12														1.8	< 17.4	< 17.4	< 17.4	< 17.4	< 17.4
Methylene Chloride	0000750	5	0.5														<u>1.1</u>	< 23.3	< 23.3	< 23.3	< 23.3	< 23.3
Naphthalene	0000912	100	10														< 10.0	< 250	< 250	< 250	< 250	< 250
n-Butylbenzene	0001045	NSE	NSE														< 2.0	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0
p-Isopropyltoluene	0000998	NSE	NSE														< 2.0	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0
Styrene	0001004	100	10														< 2.0	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0
Tetrachloroethene	0001271	5	0.5														< 2.0	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0
Toluene	0001088	800	160														<u>450</u>	4290	14100	9790	17300	22500
Total TriMthBenzenes	TOTALT	480	96														< 4	< 100	< 100	< 100	< 100	< 100
Total Xylenes	TOTAL X	2000	400														33	< 150	242	319	332	<u>1058</u>
Trichloroethene	0000790	5	0.5														< 1.3	< 33.1	< 33.1	< 33.1	< 33.1	< 33.1
Vinyl Chloride	0000750	0.2	0.02														< 0.70	< 17.6	< 17.6	< 17.6	< 17.6	< 17.6
Xylene - M & P	1796012	2000	400														23.7	< 100	134	218	197	<u>668</u>
Xylene - O	0000954	2000	400														9.3	< 50.0	108	101	135	390

187	W-20	RESULTS MONTH/YEAR																					
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40	2.7	1.1	1	1.4	.89	< .52	< 5.5	< .52	< 0.44	< 0.44		< 0.50			< 0.50		0.80		< 0.50	
1,1,2-Trichloroethane	0000790	5	0.5	<u>3.4</u>	<u>1.3</u>	5	<u>.96</u>	< .63	< .63	28	<u>3.6</u>	< 0.39	< 0.39		<u>0.87</u>			<u>0.68</u>		0.40		< 0.20	
1,1-Dichloroethane	0000753	850	85	45	23	16	19	14	7.6	<u>91</u>	14	4.6	2.9		20.7			13.7		20.3		5.2	
1,1-Dichloroethene	0000753	7	0.7	<u>1.6</u>	<u>.9</u>	< .6	< .38	< .5	< .5	7.2	< .5	< 0.43	< 0.43		< 0.41			< 0.41		< 0.41		< 0.41	
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< 1.1	< .59	< .9	< .56	< .65	< .65	< 6.8	< .65	< 0.77	< 0.77		< 2.1			< 2.1		< 2.1		< 2.1	
1,2,4-Trichlorobenzene	0001208	70	14	< 1.3	< .44	< 1.2	< .76	< .71	< .71	< 8	< .71	< 2.5	< 2.5		< 2.2			< 2.2		< 2.2		< 2.2	
1,2-cis-Dichloroethene	0001565	70	7	<u>34</u>	<u>22</u>	<u>13</u>	<u>19</u>	<u>12</u>	<u>7.3</u>	<u>67</u>	6.5	4.9	2.7		4.2			<u>7.7</u>		<u>13.0</u>		4.5	
1,2-Dichlorobenzene	0000955	600	60	< .63	.43	< .52	.48	< .47	< .47	4.2	< .47	< 0.44	< 0.44		< 0.50			< 0.50		< 0.50		< 0.50	
1,2-Dichloroethane	0001070	5	0.5	<u>.88</u>	.31	< .88	< .55	< .61	< .61	12	<u>1.7</u>	< 0.48	< 0.48		<u>2.2</u>			<u>0.94</u>		<u>1.4</u>		< 0.17	
1,2-Dichloropropane	0000788	5	0.5	< .87	< .65	< .83	< .52	< .49	< .49	< 5.4	< .49	< 0.50	< 0.50		< 0.23			< 0.23		< 0.23		< 0.23	
1,2-trans-Dichloroethen	0001566	100	20	3	2.8	2.6	3.4	3.7	3.7	<u>44</u>	3.3	4.4	3.3		4.9			4.3		5.7		4.2	
1,4-Dichlorobenzene	0001064	75	15	< .89	< .59	< .51	< .32	< .55	< .55	< 5.6	< .55	< 0.43	< 0.43		< 0.50			< 0.50		< 0.50		< 0.50	
124TRIMTHLBENZEN	0000956	480	96	1.3	1.4	1.3	1.2	.94	.78	10	.78	< 0.57	< 0.50		< 0.50			< 0.50		< 0.50		< 0.50	
135TRIMTHLBENZEN	0001086	480	96	.8	.74	.68	.7	< .64	< .64	5.9	< .64	< 2.5	< 0.50		< 0.50			< 0.50		< 0.50		< 0.50	
2-Chlorotoluene	0000954	NSE	NSE	< .8	< .38	< .58	< .36	< .64	< .64	< 5	< .64	< 0.48	< 0.48		< 0.50			< 0.50		< 0.50		< 0.50	
Acetone	0000676	9000	1800	< 17	< 8	< 16	< 10	< 10	< 10	< 100	< 10	< 2.6	< 2.6		6.2			< 3.0		< 3.0		< 3.0	
Benzene	0000714	5	0.5	< .78	< .48	< .52	< .33	< .64	< .64	< 4.9	< .64	< 0.50	< 0.50		< 0.50			< 0.50		< 0.50		< 0.50	
Chloroethane	0000750	400	80	< 6.1	< 2.3	< 2.7	< 1.7	< 5.1	< 5.1	< 38	< 5.1	< 0.44	< 0.44		3.9			0.93		1.2		< 0.37	
Chloroform	0000676	6	0.6	< .81	.32	< .52	< .32	< .56	< .56	< 5.1	< .56	< 0.69	< 0.69		< 2.5			< 2.5		< 2.5		< 2.5	
Chloromethane	0000748	30	3	< .93	< .46	< 1.1	< .7	< .6	< .6	< 5.8	< .6	< 0.39	< 0.39		< 0.50			< 0.50		< 0.50		< 0.50	
Dichlorodifluoromethan	0000757	1000	200	< 1.2	4.7	< .54	5.2	4.1	< .48	46	< .48	< 0.40	< 0.40		< 0.16			< 0.22		< 0.22		< 0.22	
Ethylbenzene	0001004	700	140	26	27	23	21	21	28	<u>340</u>	30	32.2	8.8		23.6			15.9		13.2		12.4	
Fluorotrichloromethane	0000756	3490	698	< 1.3	< .42	< .43	< .27	< .64	< .64	< 7.9	< .64	< 0.48	< 0.48		< 0.17			< 0.18		< 0.18		< 0.18	
Hexachlorobutadiene	0000876	NSE	NSE	< 1.8	< .49	< 1.4	< .9	< .57	< .57	< 11	< .57	< 1.3	< 1.3		< 2.1			< 2.1		< 2.1		< 2.1	
Isopropyl Alcohol	0000676	NSE	NSE	< 33	< 20	< 57	< 35	< 16	33	< 210	< 16	< 40.8	< 40.8		48.2			< 24.3		< 24.3		< 24.3	
Isopropyl ether	0001082	NSE	NSE	< .98	< .31	< .81	< .51	< .47	< .47	< 6.1	< .47	< 0.50	< 0.50		< 0.50			< 0.50		< 0.50		< 0.50	
Isopropylbenzene	0000988	NSE	NSE	< .86	< .35	< .4	.28	< .56	< .56	< 5.4	< .56	< 0.34	< 0.34		< 0.12			0.14		< 0.14		1.3	
Methyl Ethyl Ketone	0000789	4000	800	< 4	< 1	< 4	2.5	< 2.5	< 2.5	< 25	< 2.5	< 2.7	< 2.7		< 3.0			< 3.0		< 3.0		< 3.0	
Methyl Isobutyl Ketone	0001081	500	50	< 2.1	< .74	< 2.6	< 1.6	< .78	< .78	< 13	< .78	< 2.3	< 2.3		< 2.1			< 2.1		< 2.1		< 2.1	
Methyl tert-butyl Ether	0016340	60	12	< 1.1	< .38	< .51	< .32	< .48	< .48	< 7.1	< .48	< 0.49	< 0.49		< 0.17			< 0.17		< 0.17		< 0.17	
Methylene Chloride	0000750	5	0.5	< 1.9	<u>.6</u>	< 1.1	< .67	< 1	< 1	< 12	< 1	< 0.36	< 0.36		< 0.23			< 0.23		< 0.23		< 0.23	
Naphthalene	0000912	100	10	2.1	1.7	2	2.1	1.9	2.7	<u>19</u>	2.5	< 2.5	< 2.5		< 2.5			< 2.5		< 2.5		2.8	
n-Butylbenzene	0001045	NSE	NSE	< .72	< .45	< .54	< .34	< .61	< .61	< 4.5	< .61	< 0.40	< 0.40		< 0.22			< 0.50		< 0.50		< 0.50	
p-Isopropyltoluene	0000998	NSE	NSE	< .76	< .33	< .43	< .27	< .51	< .51	< 4.8	< .51	< 0.40	< 0.40		< 0.13			< 0.50		< 0.50		< 0.50	
Styrene	0001004	100	10	< .68	< .4	< .44	< .27	< .49	< .49	< 4.3	< .49	< 0.35	< 0.35		< 0.15			< 0.50		< 0.50		< 0.50	
Tetrachloroethene	0001271	5	0.5	19	15	19	22	16	8.5	82	6.3	<u>0.78</u>	< 0.47		<u>2.3</u>			<u>2.4</u>		<u>2.5</u>		<u>0.85</u>	
Toluene	0001088	800	160	1.3	1.2	1.4	1.6	1.8	1.9	15	1.1	0.93	0.63		< 0.50			< 0.50		< 0.50		< 0.50	
Total TriMthBenzenes	TOTALT	480	96	2.1	2.14	1.98	1.9	.94	.78	15.9	.78	< .57	< .5		< .5			< 1		< 1		< 1	
Total Xylenes	TOTAL X	2000	400	13	14.48	9.9	9.25	7	6.9	68	6	< .5	< .5		< .5			3.3		2.5		3.8	
Trichloroethene	0000790	5	0.5	24	14	18	16	13	10	100	9.7	<u>4.6</u>	<u>1.5</u>		5.4			7.3		8.9		5.0	
Vinyl Chloride	0000750	0.2	0.02	11	12	6.5	7.9	4.6	4.2	48	2.7	3.8	2		2.6			2.2		3.9		2.8	
Xylene - M & P	1796012	2000	400	13	14	9.9	8.7	7	6.9	68	6	6.9	2.4		3.8			3.3		2.5		3.8	
Xylene - O	0000954	2000	400	< .96	.48	< .62	.55	< .56	< .56	< 6	< .56	< 0.50	< 0.50		< 0.50			< 0.50		< 0.50		< 0.50	

190	W-21	RESULTS MONTH/YEAR																					
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40	< .13		< 9.8		< .21		< .22													
1,1,2-Trichloroethane	0000790	5	0.5	< .21		< 8.3		< .25		< .23													
1,1-Dichloroethane	0000753	850	85	20		20		9.9		7.1													
1,1-Dichloroethene	0000753	7	0.7	< .22		< 7.6		.27		.39													
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .3		< 11		< .26		< .27													
1,2,4-Trichlorobenzene	0001208	70	14	< .22		< 15		< .28		< .32													
1,2-cis-Dichloroethene	0001565	70	7	4.5		< 6		4.7		4.4													
1,2-Dichlorobenzene	0000955	600	60	< .16		< 6.5		< .19		< .16													
1,2-Dichloroethane	0001070	5	0.5	<u>.53</u>		< 11		.35		.34													
1,2-Dichloropropane	0000788	5	0.5	< .33		< 10		.29		.33													
1,2-trans-Dichloroethen	0001566	100	20	< .21		< 6.3		< .19		< .26													
1,4-Dichlorobenzene	0001064	75	15	< .3		< 6.4		< .22		< .22													
124TRIMTHLBENZEN	0000956	480	96	.84		< 6		< .24		< .18													
135TRIMTHLBENZEN	0001086	480	96	.28		< 6.1		< .25		< .2													
2-Chlorotoluene	0000954	NSE	NSE	< .19		< 7.3		< .26		< .2													
Acetone	0000676	9000	1800	< 4		< 200		< 4.2		< 4.2													
Benzene	0000714	5	0.5	<u>1.2</u>		< 6.6		< .26		< .2													
Chloroethane	0000750	400	80	15		41		< 2.1		< 1.5													
Chloroform	0000676	6	0.6	< .13		< 6.5		< .23		< .2													
Chloromethane	0000748	30	3	< .23		< 14		< .24		< .23													
Dichlorodifluoromethan	0000757	1000	200	2.2		< 6.7		4.2		7.3													
Ethylbenzene	0001004	700	140	52		120		3.2		5.2													
Fluorotrichloromethane	0000756	3490	698	< .21		< 5.4		< .25		< .32													
Hexachlorobutadiene	0000876	NSE	NSE	< .25		< 18		< .23		< .45													
Isopropyl Alcohol	0000676	NSE	NSE	< 10		< 710		< 6.3		8.6													
Isopropyl ether	0001082	NSE	NSE	.21		< 10		< .19		< .25													
Isopropylbenzene	0000988	NSE	NSE	.31		< 5.1		< .22		< .22													
Methyl Ethyl Ketone	0000789	4000	800	< .5		< 50		< 1		< 1													
Methyl Isobutyl Ketone	0001081	500	50	.46		< 32		< .31		< .53													
Methyl tert-butyl Ether	0016340	60	12	< .19		< 6.4		< .19		< .28													
Methylene Chloride	0000750	5	0.5	.23		< 13		< .4		< .48													
Naphthalene	0000912	100	10	< .32		< 15		< .32		< .41													
n-Butylbenzene	0001045	NSE	NSE	< .23		< 6.8		< .24		< .18													
p-Isopropyltoluene	0000998	NSE	NSE	< .16		< 5.4		< .2		< .19													
Styrene	0001004	100	10	1.3		< 5.5		< .19		< .17													
Tetrachloroethene	0001271	5	0.5	< .12		< 9		< .15		< .21													
Toluene	0001088	800	160	<u>220</u>		<u>550</u>		1.8		.39													
Total TriMthBenzenes	TOTALT	480	96	1.12		< 6		< .24		< .18													
Total Xylenes	TOTAL X	2000	400	191		<u>520</u>		12		7.4													
Trichloroethene	0000790	5	0.5	<u>.6</u>		< 8.2		<u>1</u>		<u>1.3</u>													
Vinyl Chloride	0000750	0.2	0.02	4.9		< 8.7		1.9		2.4													
Xylene - M & P	1796012	2000	400	140		390		9		5.5													
Xylene - O	0000954	2000	400	51		130		3		1.9													

193	W-22	RESULTS MONTH/YEAR																					
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40	< .22	< .13		< .22	< .21	< .21	< 2.2	< 1	< 0.44	< 0.44		< 2.0	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,1,2-Trichloroethane	0000790	5	0.5	< .23	< .21		< .23	< .25	< .25	< 2.3	< 1.3	< 0.39	< 0.39		< 0.62	< 0.16		< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
1,1-Dichloroethane	0000753	850	85	4.5	6.7		10	13	22	6.8	11	40.5	8.2		28.6	8.1		16.1	19.6	19.5	2.4	13.3	
1,1-Dichloroethene	0000753	7	0.7	< .21	.53		<u>.74</u>	< .2	< .2	<u>2.5</u>	< 1	<u>3.0</u>	<u>3.5</u>		<u>5.8</u>	<u>0.89</u>		<u>4.9</u>	8.1	<u>6.7</u>	< 0.41	<u>0.82</u>	
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .27	< .3		< .27	< .26	< .26	< 2.7	< 1.3	< 0.77	< 0.77		< 8.5	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
1,2,4-Trichlorobenzene	0001208	70	14	< .32	< .22		< .32	< .28	< .28	< 3.2	< 1.4	< 2.5	< 2.5		< 8.8	< 2.2		< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
1,2-cis-Dichloroethene	0001565	70	7	<u>13</u>	<u>11</u>		<u>12</u>	<u>12</u>	<u>28</u>	<u>13</u>	<u>25</u>	94.8	<u>19</u>		<u>51.6</u>	<u>18.2</u>		<u>58.8</u>	<u>58.9</u>	<u>56.5</u>	<u>10.3</u>	<u>35.7</u>	
1,2-Dichlorobenzene	0000955	600	60	< .16	< .16		< .16	< .19	< .19	< 1.6	< .93	< 0.44	< 0.44		< 2.0	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dichloroethane	0001070	5	0.5	.34	.24		.24	< .24	.37	< 1.6	< 1.2	0.50	< 0.48		< 0.67	0.40		0.41	0.45	0.43	0.30	<u>0.58</u>	
1,2-Dichloropropane	0000788	5	0.5	< .22	< .33		< .22	< .2	.28	< 2.2	< .99	<u>0.72</u>	< 0.50		< 0.93	< 0.23		0.40	0.49	0.48	< 0.23	<u>0.61</u>	
1,2-trans-Dichloroethen	0001566	100	20	.77	.77		.79	1.3	2.2	< 2.6	< .97	3.1	1.5		5.5	1.3		1.6	2.1	2.4	0.56	2.4	
1,4-Dichlorobenzene	0001064	75	15	< .22	< .3		< .22	< .22	< .22	< 2.2	< 1.1	< 0.43	< 0.43		< 2.0	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
124TRIMTHLBENZEN	0000956	480	96	< .18	< .19		< .18	< .24	< .24	< 1.8	< 1.2	< 0.57	< 0.50		< 2.0	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
135TRIMTHLBENZEN	0001086	480	96	< .2	< .19		< .2	< .25	< .25	< 2	< 1.3	< 2.5	< 0.50		< 2.0	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Chlorotoluene	0000954	NSE	NSE	< .2	< .19		< .2	< .26	< .26	< 2	< 1.3	< 0.48	< 0.48		< 2.0	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acetone	0000676	9000	1800	< 4.2	< 4		4.5	< 4.2	< 4.2	< 42	< 21	27.5	< 2.6		35.8	< 3.0		4.4	< 3.0	< 3.0	< 3.0	3.7	
Benzene	0000714	5	0.5	< .2	< .24		<u>.93</u>	<u>1.2</u>	<u>2.5</u>	< 2	< 1.3	<u>1.6</u>	< 0.50		< 2.0	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	<u>0.70</u>	
Chloroethane	0000750	400	80	< 1.5	4.8		34	39	80	< 15	22	<u>95.7</u>	2.6		<u>201</u>	3.2		4.7	24.2	2.2	1.2	73.3	
Chloroform	0000676	6	0.6	< .2	< .13		< .2	< .23	< .23	< 2	< 1.1	< 0.69	< 0.69		< 10.0	< 2.5		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Chloromethane	0000748	30	3	< .23	< .23		< .23	< .24	< .24	< 2.3	< 1.2	< 0.39	< 0.39		< 2.0	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dichlorodifluoromethan	0000757	1000	200	< .29	3.1		< .29	< .19	< .19	8.4	< .95	< 0.40	< 0.40		< 0.62	7.9		< 0.22	< 0.22	< 0.22	< 0.22	2.8	
Ethylbenzene	0001004	700	140	.96	1.1		6.5	7.2	16	< 2.1	3.7	9.5	1.3		8.1	1.2		1.8	2.9	1.7	1.4	8.8	
Fluorotrichloromethane	0000756	3490	698	< .32	< .21		< .32	< .25	< .25	< 3.2	< 1.3	< 0.48	< 0.48		< 0.69	< 0.17		< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Hexachlorobutadiene	0000876	NSE	NSE	< .45	< .25		< .45	< .23	< .23	< 4.5	< 1.1	< 1.3	< 1.3		< 8.4	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
Isopropyl Alcohol	0000676	NSE	NSE	< 8.3	< 10		27	6.5	21	< 83	< 32	77.1	< 40.8		126	< 24.3		65.7	< 24.3	< 24.3	< 24.3	< 24.3	< 24.3
Isopropyl ether	0001082	NSE	NSE	< .25	< .16		.26	.38	.95	< 2.5	< .95	0.57	< 0.50		< 2.0	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Isopropylbenzene	0000988	NSE	NSE	< .22	< .18		< .22	< .22	< .22	< 2.2	< 1.1	< 0.34	< 0.34		< 0.47	< 0.14		< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Methyl Ethyl Ketone	0000789	4000	800	< 1	.68		1.7	< 1	< 1	< 10	< 5	12.1	< 2.7		< 11.9	< 3.0		< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Methyl Isobutyl Ketone	0001081	500	50	5.2	5.2		5.6	2.5	6.8	< 5.3	4.7	<u>81.2</u>	< 2.3		<u>84.1</u>	< 2.1		< 2.1	7.3	< 2.1	< 2.1	< 2.1	< 2.1
Methyl tert-butyl Ether	0016340	60	12	< .28	< .19		< .28	< .19	< .19	< 2.8	< .95	< 0.49	< 0.49		< 0.70	< 0.17		< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
Methylene Chloride	0000750	5	0.5	< .48	.41		< .48	< .4	<u>.66</u>	< 4.8	< 2	<u>1.5</u>	< 0.36		14.3	0.46		<u>0.57</u>	<u>1.0</u>	< 0.23	< 0.23	<u>2.8</u>	
Naphthalene	0000912	100	10	< .41	< .32		< .41	< .32	< .32	< 4.1	< 1.6	< 2.5	< 2.5		< 10.0	< 2.5		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
n-Butylbenzene	0001045	NSE	NSE	< .18	< .23		< .18	< .24	< .24	< 1.8	< 1.2	< 0.40	< 0.40		< 0.90	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
p-Isopropyltoluene	0000998	NSE	NSE	< .19	< .16		< .19	< .2	< .2	< 1.9	< 1	< 0.40	< 0.40		< 0.51	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Styrene	0001004	100	10	< .17	< .2		< .17	.37	.85	< 1.7	< .97	< 0.35	< 0.35		< 0.61	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Tetrachloroethene	0001271	5	0.5	< .21	< .12		< .21	< .15	< .15	< 2.1	< .73	<u>0.86</u>	<u>0.58</u>		< 2.0	< 0.50		<u>0.61</u>	<u>0.86</u>	<u>0.67</u>	< 0.50	<u>0.52</u>	
Toluene	0001088	800	160	9.5	12		150	140	<u>340</u>	94	59	<u>213</u>	7.2		<u>265</u>	5.9		9.7	43.3	4.0	3.5	<u>191</u>	
Total TriMthBenzenes	TOTALT	480	96	< .18	< .19		< .18	< .24	< .24	< 1.8	< 1.2	< .57	< .5		< 2	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Total Xylenes	TOTAL X	2000	400	9.9	11.1		31	32	66	24	19.7	< .5	< .5		< 2	6.8		9.3	13.9	7.5	7.8	33.2	
Trichloroethene	0000790	5	0.5	5.9	5.1		<u>4.3</u>	<u>3.2</u>	<u>4.1</u>	5.9	5.4	<u>2.7</u>	<u>4</u>		<u>1.4</u>	<u>3.5</u>		<u>3.0</u>	<u>3.3</u>	<u>3.6</u>	<u>4.3</u>	<u>3.3</u>	
Vinyl Chloride	0000750	0.2	0.02	9.7	13		11	15	34	13	15	21.0	13.3		29.6	11.5		23.3	50.6	50.1	6.2	15.7	
Xylene - M & P	1796012	2000	400	3.5	4.2		19	20	47	13	11	23.9	2.4		14.4	2.0		3.5	7.3	2.3	1.7	21.2	
Xylene - O	0000954	2000	400	6.4	6.9		12	12	19	11	8.7	14.1	5.3		7.2	4.8		5.8	6.6	5.2	6.1	12.0	

205	W-26	RESULTS MONTH/YEAR																				
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	< .13	< .13	< .22	< .22	< .21	< .21	< .22	< .21	< 0.44	< 0.44		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,1,2-Trichloroethane	0000790	5	0.5	< .21	< .21	< .23	< .23	< .25	< .25	< .23	< .25	< 0.39	< 0.39		< 0.16	< 0.16		< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
1,1-Dichloroethane	0000753	850	85	2.6	2.2	1.9	1.8	2	1.9	2.3	1.7	1.3	1.1		1.3	7.1		1.7	1.1	1.5	1.4	1.1
1,1-Dichloroethene	0000753	7	0.7	.33	.56	.44	.31	.51	.33	.69	.27	< 0.43	< 0.43		< 0.41	< 0.41		< 0.41	< 0.41	< 0.41	< 0.41	< 0.41
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .3	< .3	< .27	< .27	< .26	< .26	< .27	< .26	< 0.77	< 0.77		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
1,2,4-Trichlorobenzene	0001208	70	14	< .22	< .22	< .32	< .32	< .28	< .28	< .32	< .28	< 2.5	< 2.5		< 2.2	< 2.2		< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
1,2-cis-Dichloroethene	0001565	70	7	1.1	1.2	1.7	2	2.2	2.2	2.3	3.1	2.9	3.8		3.2	<u>9.7</u>		<u>8.0</u>	6.2	<u>8.3</u>	<u>7.3</u>	<u>8.0</u>
1,2-Dichlorobenzene	0000955	600	60	< .16	< .16	< .16	< .16	< .19	< .19	< .16	< .19	< 0.44	< 0.44		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dichloroethane	0001070	5	0.5	< .15	< .15	< .16	< .16	< .24	< .24	< .16	< .24	< 0.48	< 0.48		< 0.17	0.47		<u>1.0</u>	< 0.17	< 0.17	<u>0.65</u>	< 0.17
1,2-Dichloropropane	0000788	5	0.5	< .33	< .33	< .22	< .22	< .2	< .2	< .22	< .2	< 0.50	< 0.50		< 0.23	0.50		< 0.23	< 0.23	< 0.23	< 0.23	< 0.23
1,2-trans-Dichloroethen	0001566	100	20	< .21	< .21	< .26	< .26	< .19	.2	.44	.4	0.42	0.94		1.0	4.6		1.4	1.7	2.2	2.3	4.7
1,4-Dichlorobenzene	0001064	75	15	< .3	< .3	< .22	< .22	< .22	< .22	< .22	< .22	< 0.43	< 0.43		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
124TRIMTHLBENZEN	0000956	480	96	< .19	< .19	< .18	< .18	< .24	< .24	< .18	< .24	< 0.57	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
135TRIMTHLBENZEN	0001086	480	96	< .19	< .19	< .2	< .2	< .25	< .25	< .2	< .25	< 2.5	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Chlorotoluene	0000954	NSE	NSE	< .19	< .19	< .2	< .2	< .26	< .26	< .2	< .26	< 0.48	< 0.48		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acetone	0000676	9000	1800	< 4	< 4	< 4.2	< 4.2	< 4.2	5.2	4.7	< 4.2	< 2.6	< 2.6		< 3.0	< 3.0		3.1	< 3.0	< 3.0	< 3.0	< 3.0
Benzene	0000714	5	0.5	< .24	< .24	< .2	< .2	< .26	< .26	< .2	< .26	< 0.50	< 0.50		< 0.50	< 0.50		<u>1.6</u>	< 0.50	< 0.50	<u>1.2</u>	< 0.50
Chloroethane	0000750	400	80	< 1.1	< 1.1	< 1.5	< 1.5	< 2.1	< 2.1	< 1.5	< 2.1	< 0.44	< 0.44		< 0.37	2.6		2.8	< 0.37	< 0.37	1.2	< 0.37
Chloroform	0000676	6	0.6	< .13	< .13	< .2	< .2	< .23	< .23	< .2	< .23	< 0.69	< 0.69		< 2.5	< 2.5		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Chloromethane	0000748	30	3	< .23	< .23	< .23	< .23	< .24	< .24	< .23	< .24	< 0.39	< 0.39		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dichlorodifluoromethan	0000757	1000	200	< .25	< .25	< .29	< .29	< .19	< .19	< .29	< .19	< 0.40	< 0.40		< 0.16	< 0.20		< 0.22	< 0.22	< 0.22	< 0.22	< 0.22
Ethylbenzene	0001004	700	140	< .15	< .15	< .21	< .21	< .22	< .22	< .21	< .22	< 0.50	< 0.50		< 0.50	< 0.50		5.8	< 0.50	< 0.50	1.7	< 0.50
Fluorotrichloromethane	0000756	3490	698	< .21	< .21	< .32	< .32	< .25	< .25	< .32	< .25	< 0.48	< 0.48		< 0.17	< 0.17		< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Hexachlorobutadiene	0000876	NSE	NSE	< .25	< .25	< .45	< .45	< .23	< .23	< .45	< .23	< 1.3	< 1.3		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
Isopropyl Alcohol	0000676	NSE	NSE	13	< 10	< 8.3	< 8.3	23	9.8	17	< 6.3	< 40.8	< 40.8		29.8	< 24.3		26.2	< 24.3	< 24.3	< 24.3	< 24.3
Isopropyl ether	0001082	NSE	NSE	< .16	< .16	< .25	< .25	< .19	< .19	< .25	< .19	< 0.50	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Isopropylbenzene	0000988	NSE	NSE	< .18	< .18	< .22	< .22	< .22	< .22	< .22	< .22	< 0.34	< 0.34		< 0.12	< 0.14		< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Methyl Ethyl Ketone	0000789	4000	800	1.1	< .5	< 1	< 1	< 1	< 1	< 1	< 1	< 2.7	< 2.7		< 3.0	< 3.0		< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Methyl Isobutyl Ketone	0001081	500	50	< .37	< .37	< .53	< .53	< .31	< .31	< .53	< .31	< 2.3	< 2.3		< 2.1	< 2.1		6.3	< 2.1	< 2.1	< 2.1	< 2.1
Methyl tert-butyl Ether	0016340	60	12	< .19	< .19	< .28	< .28	< .19	< .19	< .28	< .19	< 0.49	< 0.49		< 0.17	< 0.17		< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
Methylene Chloride	0000750	5	0.5	< .22	.28	< .48	< .48	< .4	< .4	< .48	< .4	< 0.36	< 0.36		< 0.23	< 0.23		< 0.23	< 0.23	< 0.23	< 0.23	< 0.23
Naphthalene	0000912	100	10	< .32	< .32	< .41	< .41	< .32	< .32	< .41	< .32	< 2.5	< 2.5		< 2.5	< 2.5		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
n-Butylbenzene	0001045	NSE	NSE	< .23	< .23	< .18	< .18	< .24	< .24	< .18	< .24	< 0.40	< 0.40		< 0.22	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
p-Isopropyltoluene	0000998	NSE	NSE	< .16	< .16	< .19	< .19	< .2	< .2	< .19	< .2	< 0.40	< 0.40		< 0.13	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Styrene	0001004	100	10	< .2	< .2	< .17	< .17	< .19	< .19	< .17	< .19	< 0.35	< 0.35		< 0.15	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Tetrachloroethene	0001271	5	0.5	< .12	< .12	< .21	< .21	< .15	< .15	< .21	< .15	< 0.47	< 0.47		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Toluene	0001088	800	160	< .18	< .18	< .17	< .17	< .23	< .23	< .17	< .23	< 0.44	< 0.44		< 0.50	32.5		<u>233</u>	< 0.50	< 0.50	<u>218</u>	< 0.50
Total TriMthBenzenes	TOTALT	480	96	< .19	< .19	< .18	< .18	< .24	< .24	< .18	< .24	< .57	< .5		< .5	< 1		< 1	< 1	< 1	< 1	< 1
Total Xylenes	TOTAL X	2000	400	< .17	< .17	< .24	< .24	< .22	< .22	< .24	< .22	< .5	< .5		< .5	< 1.5		18.5	< 1.5	< 1.5	3.2	< 1.5
Trichloroethene	0000790	5	0.5	<u>3.5</u>	<u>4.4</u>	<u>4.1</u>	<u>2.9</u>	<u>4.5</u>	<u>2.8</u>	<u>4.8</u>	<u>4.2</u>	<u>4.5</u>	9.8		6.3	16.5		10.7	15.2	19.6	18.9	39.7
Vinyl Chloride	0000750	0.2	0.02	2.9	3	3.2	4	2.4	4.3	5.6	4.6	3.2	4.1		4.6	4.1		1.1	2.4	2.6	2.2	1.4
Xylene - M & P	1796012	2000	400	< .28	< .28	< .33	< .33	< .46	< .46	< .33	< .46	< 0.82	< 0.82		< 1.0	< 1.0		13.0	< 1.0	< 1.0	1.7	< 1.0
Xylene - O	0000954	2000	400	< .17	< .17	< .24	< .24	< .22	< .22	< .24	< .22	< 0.50	< 0.50		< 0.50	< 0.50		5.5	< 0.50	< 0.50	1.5	< 0.50

208	W-27	RESULTS MONTH/YEAR																					
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40	< .13	< .13	< .22	< .22	< .21	< .21	< .22	< .52	< 0.44	< 0.44		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
1,1,2-Trichloroethane	0000790	5	0.5	< .21	< .21	< .23	< .23	< .25	< .25	< .23	< .63	< 0.39	< 0.39		< 0.16	< 0.16		< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	
1,1-Dichloroethane	0000753	850	85	19	17	18	15	12	17	25	21	15.0	9		12.9	12.3		7.4	5.7	2.5	1.5	1.1	
1,1-Dichloroethene	0000753	7	0.7	< .22	<u>.78</u>	<u>2</u>	<u>2.1</u>	<u>1.3</u>	< .2	<u>1.2</u>	< .5	<u>0.91</u>	<u>0.73</u>		<u>0.86</u>	<u>0.80</u>		<u>0.83</u>	<u>1.1</u>	<u>0.78</u>	0.47	0.56	
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .3	< .3	< .27	< .27	< .26	< .26	< .27	< .65	< 0.77	< 0.77		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	
1,2,4-Trichlorobenzene	0001208	70	14	< .22	< .22	< .32	< .32	< .28	< .28	< .32	< .71	< 2.5	< 2.5		< 2.2	< 2.2		< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	
1,2-cis-Dichloroethene	0001565	70	7	5.1	5.7	<u>7.7</u>	6	<u>7.4</u>	4.8	3.9	3.8	<u>7.6</u>	<u>7.8</u>		<u>8.1</u>	<u>8.3</u>		<u>9.4</u>	<u>7.4</u>	5.5	3.3	3.5	
1,2-Dichlorobenzene	0000955	600	60	< .16	< .16	< .16	< .16	< .19	< .19	< .16	< .47	< 0.44	< 0.44		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
1,2-Dichloroethane	0001070	5	0.5	<u>1.6</u>	<u>1.4</u>	<u>1.7</u>	<u>1.2</u>	<u>.86</u>	<u>1.1</u>	<u>1.2</u>	<u>1.4</u>	<u>0.73</u>	< 0.48		< 0.17	0.46		0.31	< 0.17	< 0.17	< 0.17	< 0.17	
1,2-Dichloropropane	0000788	5	0.5	<u>.89</u>	<u>.92</u>	<u>.98</u>	<u>.79</u>	<u>.63</u>	<u>.63</u>	<u>.51</u>	< .49	< 0.50	< 0.50		< 0.23	0.32		< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	
1,2-trans-Dichloroethen	0001566	100	20	< .21	< .21	< .26	< .26	< .19	< .19	.34	< .48	0.47	< 0.37		0.29	< 0.26		< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	
1,4-Dichlorobenzene	0001064	75	15	< .3	< .3	< .22	< .22	< .22	< .22	< .22	< .55	< 0.43	< 0.43		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
124TRIMTHLBENZEN	0000956	480	96	.21	< .19	< .18	< .18	< .24	< .24	.29	< .59	< 0.57	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
135TRIMTHLBENZEN	0001086	480	96	< .19	< .19	< .2	< .2	< .25	< .25	< .2	< .64	< 2.5	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
2-Chlorotoluene	0000954	NSE	NSE	< .19	< .19	< .2	< .2	< .26	< .26	< .2	< .64	< 0.48	< 0.48		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
Acetone	0000676	9000	1800	6.4	< 4	< 4.2	< 4.2	< 4.2	< 4.2	4.8	< 10	< 2.6	< 2.6		< 3.0	< 3.0		< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	
Benzene	0000714	5	0.5	<u>.85</u>	.39	<u>.53</u>	.38	.3	.41	<u>1</u>	<u>1.7</u>	<u>1.5</u>	<u>1.7</u>		<u>1.1</u>	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
Chloroethane	0000750	400	80	16	8.4	< 1.5	3.3	< 2.1	2.5	14	7.6	10.6	8.4		6.2	1.5		< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	
Chloroform	0000676	6	0.6	< .13	< .13	< .2	< .2	< .23	< .23	< .2	< .56	< 0.69	< 0.69		< 2.5	< 2.5		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	
Chloromethane	0000748	30	3	.3	< .23	< .23	< .23	< .24	< .24	< .23	< .6	< 0.39	< 0.39		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
Dichlorodifluoromethan	0000757	1000	200	< .25	< .25	.45	.88	1.3	2.5	4	1.1	2.3	3.2		3.3	3.8		2.1	3.1	2.8	2.5	1.8	
Ethylbenzene	0001004	700	140	8.5	3.5	1.5	.77	.69	2.1	20	10	2.2	1.1		0.71	< 0.50		1.4	0.94	< 0.50	< 0.50	< 0.50	
Fluorotrichloromethane	0000756	3490	698	< .21	< .21	< .32	< .32	< .25	< .25	< .32	< .64	< 0.48	< 0.48		< 0.17	< 0.17		< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	
Hexachlorobutadiene	0000876	NSE	NSE	< .25	< .25	< .45	< .45	< .23	< .23	< .45	< .57	< 1.3	< 1.3		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	
Isopropyl Alcohol	0000676	NSE	NSE	21	< 10	77	< 8.3	< 6.3	22	28	< 16	< 40.8	< 40.8		< 24.3	< 24.3		40.0	< 24.3	< 24.3	< 24.3	< 24.3	
Isopropyl ether	0001082	NSE	NSE	< .16	< .16	< .25	< .25	< .19	< .19	< .25	< .47	< 0.50	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
Isopropylbenzene	0000988	NSE	NSE	< .18	< .18	< .22	< .22	< .22	< .22	< .22	< .56	< 0.34	< 0.34		< 0.12	< 0.14		< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	
Methyl Ethyl Ketone	0000789	4000	800	2	< .5	< 1	< 1	< 1	< 1	< 1	< 2.5	< 2.7	< 2.7		< 3.0	< 3.0		< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	
Methyl Isobutyl Ketone	0001081	500	50	< .37	< .37	< .53	< .53	< .31	< .31	< .53	< .78	< 2.3	< 2.3		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	
Methyl tert-butyl Ether	0016340	60	12	< .19	< .19	< .28	< .28	< .19	< .19	< .28	< .48	< 0.49	< 0.49		< 0.17	< 0.17		< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	
Methylene Chloride	0000750	5	0.5	<u>.6</u>	.44	< .48	< .48	< .4	< .4	< .48	< 1	< 0.36	< 0.36		< 0.23	< 0.23		< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	
Naphthalene	0000912	100	10	< .32	< .32	< .41	< .41	< .32	< .32	< .41	< .8	< 2.5	< 2.5		< 2.5	< 2.5		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	
n-Butylbenzene	0001045	NSE	NSE	< .23	< .23	< .18	< .18	< .24	< .24	< .18	< .61	< 0.40	< 0.40		< 0.22	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
p-Isopropyltoluene	0000998	NSE	NSE	< .16	< .16	< .19	< .19	< .2	< .2	< .19	< .51	< 0.40	< 0.40		< 0.13	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
Styrene	0001004	100	10	< .2	< .2	< .17	< .17	< .19	< .19	< .17	< .49	< 0.35	< 0.35		< 0.15	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
Tetrachloroethene	0001271	5	0.5	< .12	< .12	< .21	< .21	< .15	< .15	< .21	< .37	< 0.47	< 0.47		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
Toluene	0001088	800	160	7.6	4	2.7	4	3.7	4.7	12	14	4.8	3.4		2.2	2.1		1.3	0.82	< 0.50	< 0.50	< 0.50	
Total TriMthBenzenes	TOTALT	480	96	.21	< .19	< .18	< .18	< .24	< .24	.29	< .59	< .57	< .5		< .5	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Total Xylenes	TOTAL X	2000	400	20.7	9	3.29	1.56	1.45	6.2	61	36.1	< .5	< .5		< .5	< 1.5		< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	
Trichloroethene	0000790	5	0.5	< .37	< .37	< .17	.21	<u>1.4</u>	<u>1.5</u>	<u>1.4</u>	<u>1.6</u>	<u>2.2</u>	<u>3.9</u>		<u>4.1</u>	<u>5.1</u>		<u>5.7</u>	<u>7.0</u>	<u>5.2</u>	<u>3.9</u>	<u>2.7</u>	
Vinyl Chloride	0000750	0.2	0.02	2	2.1	1.9	1.8	1.7	1.6	1.6	1.2	2.8	3.6		5.1	5.1		3.0	3.6	2.1	1.3	0.85	
Xylene - M & P	1796012	2000	400	15	6.6	2.5	1.2	1.1	4.6	44	27	4.2	2.2		1.0	< 1.0		1.2	< 1.0	< 1.0	< 1.0	< 1.0	
Xylene - O	0000954	2000	400	5.7	2.4	.79	.36	.35	1.6	17	9.1	1.5	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40										< 0.44		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,1,2-Trichloroethane	0000790	5	0.5										< 0.39		< 0.16	< 0.16		< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
1,1-Dichloroethane	0000753	850	85										13		< 0.16	0.60		< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,1-Dichloroethene	0000753	7	0.7										< 0.43		< 0.41	< 0.41		< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41
1,2,3-Trichlorobenzene	0000876	NSE	NSE										< 0.77		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
1,2,4-Trichlorobenzene	0001208	70	14										< 2.5		< 2.2	< 2.2		< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
1,2-cis-Dichloroethene	0001565	70	7										5.8		< 0.26	0.74		< 0.26	0.86	< 0.26	0.32	< 0.26	< 0.26
1,2-Dichlorobenzene	0000955	600	60										< 0.44		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dichloroethane	0001070	5	0.5										<u>1.7</u>		< 0.17	< 0.17		< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
1,2-Dichloropropane	0000788	5	0.5										<u>0.54</u>		< 0.23	< 0.23		< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23
1,2-trans-Dichloroethen	0001566	100	20										< 0.37		< 0.24	< 0.26		< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
1,4-Dichlorobenzene	0001064	75	15										< 0.43		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
124TRIMTHLBENZEN	0000956	480	96										1.1		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
135TRIMTHLBENZEN	0001086	480	96										< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Chlorotoluene	0000954	NSE	NSE										< 0.48		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acetone	0000676	9000	1800										< 2.6		< 3.0	< 3.0		13.1	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Benzene	0000714	5	0.5										< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chloroethane	0000750	400	80										19.4		< 0.37	< 0.37		< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37
Chloroform	0000676	6	0.6										< 0.69		< 2.5	< 2.5		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Chloromethane	0000748	30	3										< 0.39		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dichlorodifluoromethan	0000757	1000	200										< 0.40		< 0.16	< 0.20		< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22
Ethylbenzene	0001004	700	140										27.9		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Fluorotrichloromethane	0000756	3490	698										< 0.48		< 0.17	< 0.17		< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Hexachlorobutadiene	0000876	NSE	NSE										< 1.3		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
Isopropyl Alcohol	0000676	NSE	NSE										< 40.8		< 24.3	< 24.3		824	< 24.3	< 24.3	< 24.3	< 24.3	< 24.3
Isopropyl ether	0001082	NSE	NSE										< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Isopropylbenzene	0000988	NSE	NSE										< 0.34		< 0.12	< 0.14		< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Methyl Ethyl Ketone	0000789	4000	800										< 2.7		< 3.0	< 3.0		< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Methyl Isobutyl Ketone	0001081	500	50										< 2.3		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
Methyl tert-butyl Ether	0016340	60	12										< 0.49		< 0.17	< 0.17		< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
Methylene Chloride	0000750	5	0.5										0.40		< 0.23	< 0.23		< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23
Naphthalene	0000912	100	10										< 2.5		< 2.5	< 2.5		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
n-Butylbenzene	0001045	NSE	NSE										< 0.40		< 0.22	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
p-Isopropyltoluene	0000998	NSE	NSE										< 0.40		< 0.13	6.3		8.1	0.57	< 0.50	< 0.50	< 0.50	< 0.50
Styrene	0001004	100	10										< 0.35		< 0.15	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Tetrachloroethene	0001271	5	0.5										<u>0.74</u>		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Toluene	0001088	800	160										38.7		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total TriMthBenzenes	TOTALT	480	96										< .5		< .5	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Total Xylenes	TOTAL X	2000	400										< .5		< .5	< 1.5		< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Trichloroethene	0000790	5	0.5										< 0.36		< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Vinyl Chloride	0000750	0.2	0.02										2.5		< 0.18	< 0.18		< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Xylene - M & P	1796012	2000	400										26.9		< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Xylene - O	0000954	2000	400										15.2		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

214	W-29	RESULTS MONTH/YEAR																						
		DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
		1,1,1-Trichloroethane	0000715	200	40	< .25		< .2		< .21		< .22		< 0.44		< 0.50				< 0.50		< 0.50		< 0.50
		1,1,2-Trichloroethane	0000790	5	0.5	< .42		< .17		< .25		< .23		< 0.39		< 0.16				< 0.20		< 0.20		< 0.20
		1,1-Dichloroethane	0000753	850	85	< .34		< .16		< .19		< .21		< 0.28		< 0.16				< 0.24		< 0.24		< 0.24
		1,1-Dichloroethene	0000753	7	0.7	< .43		< .15		< .2		< .21		< 0.43		< 0.41				< 0.41		< 0.41		< 0.41
		1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .59		< .23		< .26		< .27		< 0.77		< 2.1				< 2.1		< 2.1		< 2.1
		1,2,4-Trichlorobenzene	0001208	70	14	< .44		< .3		< .28		< .32		< 2.5		< 2.2				< 2.2		< 2.2		< 2.2
		1,2-cis-Dichloroethene	0001565	70	7	1.1		< .12		< .21		< .2		< 0.42		< 0.26				< 0.26		< 0.26		< 0.26
		1,2-Dichlorobenzene	0000955	600	60	< .32		< .13		< .19		< .16		< 0.44		< 0.50				< 0.50		< 0.50		< 0.50
		1,2-Dichloroethane	0001070	5	0.5	7.7		< .22		< .24		< .16		< 0.48		< 0.17				< 0.17		< 0.17		< 0.17
		1,2-Dichloropropane	0000788	5	0.5	< .65		< .21		< .2		< .22		< 0.50		< 0.23				< 0.23		< 0.23		< 0.23
		1,2-trans-Dichloroethen	0001566	100	20	< .41		< .13		< .19		< .26		< 0.37		< 0.24				< 0.26		< 0.26		< 0.26
		1,4-Dichlorobenzene	0001064	75	15	< .59		< .13		< .22		< .22		< 0.43		< 0.50				< 0.50		< 0.50		< 0.50
		124TRIMTHLBENZEN	0000956	480	96	< .38		< .12		< .24		< .18		< 0.57		< 0.50				< 0.50		< 0.50		< 0.50
		135TRIMTHLBENZEN	0001086	480	96	< .39		< .12		< .25		< .2		< 2.5		< 0.50				< 0.50		< 0.50		< 0.50
		2-Chlorotoluene	0000954	NSE	NSE	< .38		< .15		< .26		< .2		< 0.48		< 0.50				< 0.50		< 0.50		< 0.50
		Acetone	0000676	9000	1800	< 8		4.6		< 4.2		7		5.1		3.7				< 3.0		< 3.0		< 3.0
		Benzene	0000714	5	0.5	< .48		< .13		< .26		< .2		< 0.50		< 0.50				< 0.50		< 0.50		< 0.50
		Chloroethane	0000750	400	80	< 2.3		< .67		< 2.1		< 1.5		< 0.44		< 0.37				< 0.37		< 0.37		< 0.37
		Chloroform	0000676	6	0.6	< .26		< .13		< .23		< .2		< 0.69		< 2.5				< 2.5		< 2.5		< 2.5
		Chloromethane	0000748	30	3	< .46		< .28		< .24		< .23		< 0.39		< 0.50				< 0.50		< 0.50		< 0.50
		Dichlorodifluoromethan	0000757	1000	200	< .49		< .13		< .19		< .29		< 0.40		< 0.16				< 0.22		< 0.22		< 0.22
		Ethylbenzene	0001004	700	140	< .31		< .12		< .22		< .21		< 0.50		< 0.50				< 0.50		< 0.50		< 0.50
		Fluorotrichloromethane	0000756	3490	698	< .42		< .11		< .25		< .32		< 0.48		< 0.17				< 0.18		< 0.18		< 0.18
		Hexachlorobutadiene	0000876	NSE	NSE	< .49		< .36		< .23		< .45		< 1.3		< 2.1				< 2.1		< 2.1		< 2.1
		Isopropyl Alcohol	0000676	NSE	NSE	< 20		< 14		< 6.3		36		< 40.8		64.0				< 24.3		< 24.3		< 24.3
		Isopropyl ether	0001082	NSE	NSE	< .31		< .2		< .19		< .25		< 0.50		< 0.50				< 0.50		< 0.50		< 0.50
		Isopropylbenzene	0000988	NSE	NSE	< .35		< .1		< .22		< .22		< 0.34		< 0.12				< 0.14		< 0.14		< 0.14
		Methyl Ethyl Ketone	0000789	4000	800	< 1		< 1		< 1		< 1		< 2.7		< 3.0				< 3.0		< 3.0		< 3.0
		Methyl Isobutyl Ketone	0001081	500	50	< .74		< .64		< .31		< .53		< 2.3		< 2.1				< 2.1		< 2.1		< 2.1
		Methyl tert-butyl Ether	0016340	60	12	< .38		< .13		< .19		< .28		< 0.49		< 0.17				< 0.17		< 0.17		< 0.17
		Methylene Chloride	0000750	5	0.5	< .44		< .27		< .4		< .48		< 0.36		< 0.23				< 0.23		< 0.23		< 0.23
		Naphthalene	0000912	100	10	< .63		< .31		< .32		< .41		< 2.5		< 2.5				< 2.5		< 2.5		< 2.5
		n-Butylbenzene	0001045	NSE	NSE	< .45		< .14		< .24		< .18		< 0.40		< 0.22				< 0.50		< 0.50		< 0.50
		p-Isopropyltoluene	0000998	NSE	NSE	< .33		< .11		< .2		< .19		< 0.40		< 0.13				< 0.50		< 0.50		< 0.50
		Styrene	0001004	100	10	< .4		< .11		< .19		< .17		< 0.35		< 0.15				< 0.50		< 0.50		< 0.50
		Tetrachloroethene	0001271	5	0.5	< .24		< .18		< .15		< .21		< 0.47		< 0.50				< 0.50		< 0.50		< 0.50
		Toluene	0001088	800	160	< .36		< .16		< .23		< .17		< 0.44		< 0.50				< 0.50		< 0.50		< 0.50
		Total TriMthBenzenes	TOTALT	480	96	< .38		< .12		< .24		< .18		< .57		< .5				< 1		< 1		< 1
		Total Xylenes	TOTAL X	2000	400	< .33		< .16		< .22		< .24		< .5		< .5				< 1.5		< 1.5		< 1.5
		Trichloroethene	0000790	5	0.5	< .74		< .16		< .25		< .17		< 0.43		< 0.33				< 0.33		< 0.33		< 0.33
		Vinyl Chloride	0000750	0.2	0.02	< .34		< .17		< .15		< .18		< 0.18		< 0.18				< 0.18		< 0.18		< 0.18
		Xylene - M & P	1796012	2000	400	< .56		< .22		< .46		< .33		< 0.82		< 1.0				< 1.0		< 1.0		< 1.0
		Xylene - O	0000954	2000	400	< .33		< .16		< .22		< .24		< 0.50		< 0.50				< 0.50		< 0.50		< 0.50

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	< .13	< .13	< .2		< .21		< .22		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
1,1,2-Trichloroethane	0000790	5	0.5	< .21	< .21	< .17		< .25		< .23		< 0.39			< 0.16			< 0.20		< 0.20		< 0.20
1,1-Dichloroethane	0000753	850	85	< .17	< .17	< .16		< .19		< .21		< 0.28			< 0.16			< 0.24		< 0.24		< 0.24
1,1-Dichloroethene	0000753	7	0.7	< .22	< .22	< .15		< .2		< .21		< 0.43			< 0.41			< 0.41		< 0.41		< 0.41
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .3	< .3	< .23		< .26		< .27		< 0.77			< 2.1			< 2.1		< 2.1		< 2.1
1,2,4-Trichlorobenzene	0001208	70	14	< .22	< .22	< .3		< .28		< .32		< 2.5			< 2.2			< 2.2		< 2.2		< 2.2
1,2-cis-Dichloroethene	0001565	70	7	< .16	< .16	< .12		< .21		< .2		< 0.42			< 0.26			< 0.26		< 0.26		< 0.26
1,2-Dichlorobenzene	0000955	600	60	< .16	< .16	< .13		< .19		< .16		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
1,2-Dichloroethane	0001070	5	0.5	< .15	< .15	< .22		< .24		< .16		< 0.48			< 0.17			< 0.17		< 0.17		< 0.17
1,2-Dichloropropane	0000788	5	0.5	< .33	< .33	< .21		< .2		< .22		< 0.50			< 0.23			< 0.23		< 0.23		< 0.23
1,2-trans-Dichloroethen	0001566	100	20	< .21	< .21	< .13		< .19		< .26		< 0.37			< 0.24			< 0.26		< 0.26		< 0.26
1,4-Dichlorobenzene	0001064	75	15	< .3	< .3	< .13		< .22		< .22		< 0.43			< 0.50			< 0.50		< 0.50		< 0.50
124TRIMTHLBENZEN	0000956	480	96	< .19	< .19	< .12		< .24		< .18		< 0.57			< 0.50			< 0.50		< 0.50		< 0.50
135TRIMTHLBENZEN	0001086	480	96	< .19	< .19	< .12		< .25		< .2		< 2.5			< 0.50			< 0.50		< 0.50		< 0.50
2-Chlorotoluene	0000954	NSE	NSE	< .19	< .19	< .15		< .26		< .2		< 0.48			< 0.50			< 0.50		< 0.50		< 0.50
Acetone	0000676	9000	1800	< 4	< 4	< 4		< 4.2		< 4.2		< 2.6			< 3.0			< 3.0		< 3.0		< 3.0
Benzene	0000714	5	0.5	< .24	< .24	< .13		< .26		< .2		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Chloroethane	0000750	400	80	< 1.1	< 1.1	< .67		< 2.1		< 1.5		< 0.44			< 0.37			< 0.37		< 0.37		< 0.37
Chloroform	0000676	6	0.6	< .13	< .13	< .13		< .23		< .2		< 0.69			< 2.5			< 2.5		< 2.5		< 2.5
Chloromethane	0000748	30	3	< .23	< .23	< .28		< .24		< .23		< 0.39			< 0.50			< 0.50		< 0.50		< 0.50
Dichlorodifluoromethan	0000757	1000	200	< .25	< .25	< .13		< .19		< .29		< 0.40			< 0.16			< 0.22		< 0.22		< 0.22
Ethylbenzene	0001004	700	140	< .15	< .15	< .12		< .22		< .21		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Fluorotrichloromethane	0000756	3490	698	< .21	< .21	< .11		< .25		< .32		< 0.48			< 0.17			< 0.18		< 0.18		< 0.18
Hexachlorobutadiene	0000876	NSE	NSE	< .25	< .25	< .36		< .23		< .45		< 1.3			< 2.1			< 2.1		< 2.1		< 2.1
Isopropyl Alcohol	0000676	NSE	NSE	< 10	< 10	< 14		19		20		< 40.8			47.8			< 24.3		< 24.3		< 24.3
Isopropyl ether	0001082	NSE	NSE	< .16	< .16	< .2		< .19		< .25		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Isopropylbenzene	0000988	NSE	NSE	< .18	< .18	< .1		< .22		< .22		< 0.34			< 0.12			< 0.14		< 0.14		< 0.14
Methyl Ethyl Ketone	0000789	4000	800	< .5	< .5	< 1		< 1		< 1		< 2.7			< 3.0			< 3.0		< 3.0		< 3.0
Methyl Isobutyl Ketone	0001081	500	50	< .37	< .37	< .64		< .31		< .53		< 2.3			< 2.1			< 2.1		< 2.1		< 2.1
Methyl tert-butyl Ether	0016340	60	12	< .19	< .19	< .13		< .19		< .28		< 0.49			< 0.17			< 0.17		< 0.17		< 0.17
Methylene Chloride	0000750	5	0.5	< .22	.23	.41		< .4		< .48		< 0.36			< 0.23			< 0.23		< 0.23		< 0.23
Naphthalene	0000912	100	10	< .32	< .32	< .31		< .32		< .41		< 2.5			< 2.5			< 2.5		< 2.5		< 2.5
n-Butylbenzene	0001045	NSE	NSE	< .23	< .23	< .14		< .24		< .18		< 0.40			< 0.22			< 0.50		< 0.50		< 0.50
p-Isopropyltoluene	0000998	NSE	NSE	< .16	< .16	< .11		< .2		< .19		< 0.40			< 0.13			< 0.50		< 0.50		< 0.50
Styrene	0001004	100	10	< .2	< .2	< .11		< .19		< .17		< 0.35			< 0.15			< 0.50		< 0.50		< 0.50
Tetrachloroethene	0001271	5	0.5	< .12	< .12	< .18		< .15		< .21		< 0.47			< 0.50			< 0.50		< 0.50		< 0.50
Toluene	0001088	800	160	< .18	< .18	< .16		< .23		< .17		< 0.44			< 0.50			< 0.50		< 0.50		0.60
Total TriMthBenzenes	TOTALT	480	96	< .19	< .19	< .12		< .24		< .18		< .57			< .5			< 1		< 1		< 1
Total Xylenes	TOTAL X	2000	400	< .17	< .17	< .16		< .22		< .24		< .5			< .5			< 1.5		< 1.5		< 1.5
Trichloroethene	0000790	5	0.5	< .37	< .37	< .16		< .25		< .17		< 0.43			< 0.33			< 0.33		< 0.33		< 0.33
Vinyl Chloride	0000750	0.2	0.02	< .17	< .17	< .17		< .15		< .18		< 0.18			< 0.18			< 0.18		< 0.18		< 0.18
Xylene - M & P	1796012	2000	400	< .28	< .28	< .22		< .46		< .33		< 0.82			< 1.0			< 1.0		< 1.0		< 1.0
Xylene - O	0000954	2000	400	< .17	< .17	< .16		< .22		< .24		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50

220	W-30B	RESULTS MONTH/YEAR																						
		DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	< .13	< .13	< .22	< .22	< .22	< .22	< .22	< .22	< .22	< .44	< .22	< .22	< .44	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
1,1,2-Trichloroethane	0000790	5	0.5	< .21	< .21	< .23	< .23	< .23	< .23	< .23	< .23	< .23	< .39	< .23	< .23	< .39	< 0.16	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
1,1-Dichloroethane	0000753	850	85	< .17	< .17	< .21	< .21	< .21	< .21	< .21	< .21	< .21	< .28	< .21	< .21	< .28	< 0.16	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,1-Dichloroethene	0000753	7	0.7	< .22	< .22	< .21	< .21	< .21	< .21	< .21	< .21	< .21	< .43	< .21	< .21	< .43	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .3	< .3	< .27	< .27	< .27	< .27	< .27	< .27	< .27	< .77	< .27	< .27	< .77	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
1,2,4-Trichlorobenzene	0001208	70	14	< .22	< .22	< .32	< .32	< .32	< .32	< .32	< .32	< .32	< 2.5	< .32	< .32	< 2.5	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
1,2-cis-Dichloroethene	0001565	70	7	< .16	< .16	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .42	< .2	< .2	< .42	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
1,2-Dichlorobenzene	0000955	600	60	< .16	< .16	< .16	< .16	< .16	< .16	< .16	< .16	< .16	< .44	< .16	< .16	< .44	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dichloroethane	0001070	5	0.5	< .15	< .15	< .16	< .16	< .16	< .16	< .16	< .16	< .16	< .48	< .16	< .16	< .48	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
1,2-Dichloropropane	0000788	5	0.5	< .33	< .33	< .22	< .22	< .22	< .22	< .22	< .22	< .22	< .50	< .22	< .22	< .50	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23
1,2-trans-Dichloroethen	0001566	100	20	< .21	< .21	< .26	< .26	< .26	< .26	< .26	< .26	< .26	< .37	< .26	< .26	< .37	< 0.24	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
1,4-Dichlorobenzene	0001064	75	15	< .3	< .3	< .22	< .22	< .22	< .22	< .22	< .22	< .22	< .43	< .22	< .22	< .43	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
124TRIMTHLBENZEN	0000956	480	96	< .19	< .19	< .18	< .18	< .18	< .18	< .18	< .18	< .18	< .57	< .18	< .18	< .57	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
135TRIMTHLBENZEN	0001086	480	96	< .19	< .19	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< 2.5	< .2	< .2	< 2.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Chlorotoluene	0000954	NSE	NSE	< .19	< .19	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .48	< .2	< .2	< .48	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acetone	0000676	9000	1800	4.9	< 4	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 2.6	< 4.2	< 4.2	< 2.6	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Benzene	0000714	5	0.5	< .24	< .24	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .50	< .2	< .2	< .50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chloroethane	0000750	400	80	< 1.1	< 1.1	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< .44	< 1.5	< 1.5	< .44	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37
Chloroform	0000676	6	0.6	< .13	< .13	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .69	< .2	< .2	< .69	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Chloromethane	0000748	30	3	< .23	< .23	< .23	< .23	< .23	< .23	< .23	< .23	< .23	< .39	< .23	< .23	< .39	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dichlorodifluoromethan	0000757	1000	200	< .25	< .25	< .29	< .29	< .29	< .29	< .29	< .29	< .29	< .40	< .29	< .29	< .40	< 0.16	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22
Ethylbenzene	0001004	700	140	< .15	< .15	< .21	< .21	< .21	< .21	< .21	< .21	< .21	< .50	< .21	< .21	< .50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Fluorotrichloromethane	0000756	3490	698	< .21	< .21	< .32	< .32	< .32	< .32	< .32	< .32	< .32	< .48	< .32	< .32	< .48	< 0.17	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Hexachlorobutadiene	0000876	NSE	NSE	< .25	< .25	< .45	< .45	< .45	< .45	< .45	< .45	< .45	< 1.3	< .45	< .45	< 1.3	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
Isopropyl Alcohol	0000676	NSE	NSE	14	< 10	< 8.3	< 8.3	< 8.3	< 8.3	< 8.3	< 8.3	< 8.3	< 40.8	< 8.3	< 8.3	< 40.8	25.1	< 24.3	< 24.3	< 24.3	< 24.3	< 24.3	< 24.3	< 24.3
Isopropyl ether	0001082	NSE	NSE	< .16	< .16	< .25	< .25	< .25	< .25	< .25	< .25	< .25	< .50	< .25	< .25	< .50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Isopropylbenzene	0000988	NSE	NSE	< .18	< .18	< .22	< .22	< .22	< .22	< .22	< .22	< .22	< .34	< .22	< .22	< .34	< 0.12	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Methyl Ethyl Ketone	0000789	4000	800	1.8	< .5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2.7	< 1	< 1	< 2.7	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Methyl Isobutyl Ketone	0001081	500	50	< .37	< .37	< .53	< .53	< .53	< .53	< .53	< .53	< .53	< 2.3	< .53	< .53	< 2.3	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
Methyl tert-butyl Ether	0016340	60	12	< .19	< .19	< .28	< .28	< .28	< .28	< .28	< .28	< .28	< .49	< .28	< .28	< .49	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
Methylene Chloride	0000750	5	0.5	< .22	1	< .48	< .48	< .48	< .48	< .48	< .48	< .48	< .36	< .48	< .48	< .36	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23
Naphthalene	0000912	100	10	< .32	< .32	< .41	< .41	< .41	< .41	< .41	< .41	< .41	< 2.5	< .41	< .41	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
n-Butylbenzene	0001045	NSE	NSE	< .23	< .23	< .18	< .18	< .18	< .18	< .18	< .18	< .18	< .40	< .18	< .18	< .40	< 0.22	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
p-Isopropyltoluene	0000998	NSE	NSE	< .16	< .16	< .19	< .19	< .19	< .19	< .19	< .19	< .19	< .40	< .19	< .19	< .40	< 0.13	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Styrene	0001004	100	10	< .2	< .2	< .17	< .17	< .17	< .17	< .17	< .17	< .17	< .35	< .17	< .17	< .35	< 0.15	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Tetrachloroethene	0001271	5	0.5	< .12	< .12	< .21	< .21	< .21	< .21	< .21	< .21	< .21	< .47	< .21	< .21	< .47	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Toluene	0001088	800	160	< .18	< .18	< .17	.18	< .17	< .17	< .17	< .17	< .17	< .44	< .17	< .17	< .44	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.4
Total TriMthBenzenes	TOTALT	480	96	< .19	< .19	< .18	< .18	< .18	< .18	< .18	< .18	< .18	< .57	< .18	< .18	< .57	< .5	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Xylenes	TOTAL X	2000	400	< .17	< .17	< .24	< .24	< .24	< .24	< .24	< .24	< .24	< .5	< .24	< .24	< .5	< .5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Trichloroethene	0000790	5	0.5	< .37	< .37	< .17	< .17	< .17	< .17	< .17	< .17	< .17	< .43	< .17	< .17	< .43	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Vinyl Chloride	0000750	0.2	0.02	< .17	< .17	< .18	< .18	< .18	< .18	< .18	< .18	< .18	< .18	< .18	< .18	< .18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Xylene - M & P	1796012	2000	400	< .28	< .28	< .33	< .33	< .33	< .33	< .33	< .33	< .33	< .82	< .33	< .33	< .82	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Xylene - O	0000954	2000	400	< .17	< .17	< .24	< .24	< .24	< .24	< .24	< .24	< .24	< .50	< .24	< .24	< .50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40														1790	< 125	< 250	< 200	< 200	< 500
1,1,2-Trichloroethane	0000790	5	0.5														< 389	< 49.3	< 98.7	< 79.0	< 79.0	< 197
1,1-Dichloroethane	0000753	850	85														< 604	1060	998	< 96.6	232	< 242
1,1-Dichloroethene	0000753	7	0.7														< 1030	< 103	< 205	< 164	< 164	< 410
1,2,3-Trichlorobenzene	0000876	NSE	NSE														< 5330	< 533	< 1070	< 853	< 853	< 2130
1,2,4-Trichlorobenzene	0001208	70	14														< 5520	< 552	< 1100	< 884	< 884	< 2210
1,2-cis-Dichloroethene	0001565	70	7														3580	2040	948	< 102	317	< 256
1,2-Dichlorobenzene	0000955	600	60														< 1250	< 125	< 250	< 200	< 200	< 500
1,2-Dichloroethane	0001070	5	0.5														< 419	< 42.0	< 84.0	135	147	340
1,2-Dichloropropane	0000788	5	0.5														< 583	< 58.3	< 117	< 93.2	< 93.2	< 233
1,2-trans-Dichloroethen	0001566	100	20														< 641	< 64.1	< 128	< 103	< 103	< 257
1,4-Dichlorobenzene	0001064	75	15														< 1250	< 125	< 250	< 200	< 200	< 500
124TRIMTHLBENZEN	0000956	480	96														< 1250	< 125	< 250	< 200	< 200	< 500
135TRIMTHLBENZEN	0001086	480	96														< 1250	< 125	< 250	< 200	< 200	< 500
2-Chlorotoluene	0000954	NSE	NSE														< 1250	< 125	< 250	< 200	< 200	< 500
Acetone	0000676	9000	1800														246000	204000	87700	61800	86300	170000
Benzene	0000714	5	0.5														< 1250	< 125	< 250	< 200	< 200	< 500
Chloroethane	0000750	400	80														< 936	< 93.6	680	1850	943	2320
Chloroform	0000676	6	0.6														< 6250	< 625	< 1250	< 1000	< 1000	< 2500
Chloromethane	0000748	30	3														< 1250	< 125	< 250	< 200	< 200	< 500
Dichlorodifluoromethan	0000757	1000	200														< 506	< 56.0	< 112	< 89.7	< 89.7	< 224
Ethylbenzene	0001004	700	140														1700	803	1450	1320	986	1680
Fluorotrichloromethane	0000756	3490	698														< 431	< 46.2	< 92.5	< 74.0	< 74.0	< 185
Hexachlorobutadiene	0000876	NSE	NSE														< 5260	< 526	< 1050	< 842	< 842	< 2110
Isopropyl Alcohol	0000676	NSE	NSE														< 60900	38100	< 12200	85200	122000	210000
Isopropyl ether	0001082	NSE	NSE														< 1250	< 125	< 250	< 200	< 200	< 500
Isopropylbenzene	0000988	NSE	NSE														< 358	< 35.8	< 71.7	< 57.3	< 57.3	< 143
Methyl Ethyl Ketone	0000789	4000	800														26800	19400	14600	26200	29600	44600
Methyl Isobutyl Ketone	0001081	500	50														11400	13100	7760	7540	10900	16900
Methyl tert-butyl Ether	0016340	60	12														< 436	< 43.6	< 87.1	< 69.7	< 69.7	< 174
Methylene Chloride	0000750	5	0.5														986	< 58.1	< 116	< 93.0	265	537
Naphthalene	0000912	100	10														< 6250	< 625	< 1250	< 1000	< 1000	< 2500
n-Butylbenzene	0001045	NSE	NSE														< 1250	< 125	< 250	< 200	< 200	< 500
p-Isopropyltoluene	0000998	NSE	NSE														< 1250	< 125	< 250	< 200	< 200	< 500
Styrene	0001004	100	10														< 1250	< 125	< 250	< 200	< 200	< 500
Tetrachloroethene	0001271	5	0.5														< 1250	< 125	< 250	< 200	< 200	< 500
Toluene	0001088	800	160														50400	23800	37300	33900	22800	37400
Total TriMthBenzenes	TOTALT	480	96														< 2500	< 250	< 500	< 400	< 400	< 1000
Total Xylenes	TOTAL X	2000	400														4100	3483	5890	5070	3582	6180
Trichloroethene	0000790	5	0.5														< 827	< 82.7	< 165	< 132	< 132	< 331
Vinyl Chloride	0000750	0.2	0.02														< 439	160	< 87.8	< 70.2	< 70.2	< 176
Xylene - M & P	1796012	2000	400														4100	2580	4440	3880	2700	4700
Xylene - O	0000954	2000	400														< 1250	903	1450	1190	882	1480

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40														2.6	1.3	0.72	< 0.50	< 5.0	10.1
1,1,2-Trichloroethane	0000790	5	0.5														< 0.78	< 0.20	< 0.20	< 0.20	< 2.0	< 0.79
1,1-Dichloroethane	0000753	850	85														12.9	9.6	4.0	1.7	4.2	1.9
1,1-Dichloroethene	0000753	7	0.7														< 2.1	< 0.41	< 0.41	< 0.41	< 4.1	< 1.6
1,2,3-Trichlorobenzene	0000876	NSE	NSE														< 10.7	< 2.1	< 2.1	< 2.1	< 21.3	< 8.5
1,2,4-Trichlorobenzene	0001208	70	14														< 11.0	< 2.2	< 2.2	< 2.2	< 22.1	< 8.8
1,2-cis-Dichloroethene	0001565	70	7														2.0	3.9	0.39	< 0.26	5.0	3.4
1,2-Dichlorobenzene	0000955	600	60														< 2.5	< 0.50	< 0.50	< 0.50	< 5.0	< 2.0
1,2-Dichloroethane	0001070	5	0.5														<u>1.3</u>	<u>0.63</u>	< 0.17	< 0.17	< 1.7	<u>1.4</u>
1,2-Dichloropropane	0000788	5	0.5														< 1.2	< 0.23	< 0.23	< 0.23	< 2.3	< 0.93
1,2-trans-Dichloroethen	0001566	100	20														< 1.3	< 0.26	< 0.26	< 0.26	< 2.6	< 1.0
1,4-Dichlorobenzene	0001064	75	15														< 2.5	< 0.50	< 0.50	< 0.50	< 5.0	< 2.0
124TRIMTHLBENZEN	0000956	480	96														< 2.5	< 0.50	< 0.50	< 0.50	< 5.0	< 2.0
135TRIMTHLBENZEN	0001086	480	96														< 2.5	< 0.50	< 0.50	< 0.50	< 5.0	< 2.0
2-Chlorotoluene	0000954	NSE	NSE														< 2.5	< 0.50	< 0.50	< 0.50	< 5.0	< 2.0
Acetone	0000676	9000	1800														548	10.6	13.8	5.7	< 29.5	40.7
Benzene	0000714	5	0.5														< 2.5	< 0.50	< 0.50	< 0.50	< 5.0	< 2.0
Chloroethane	0000750	400	80														< 1.9	< 0.37	< 0.37	1.6	7.6	7.4
Chloroform	0000676	6	0.6														< 12.5	< 2.5	< 2.5	< 2.5	< 25.0	< 10.0
Chloromethane	0000748	30	3														< 2.5	< 0.50	< 0.50	< 0.50	< 5.0	< 2.0
Dichlorodifluoromethan	0000757	1000	200														< 1.0	< 0.22	< 0.22	0.28	< 2.2	< 0.90
Ethylbenzene	0001004	700	140														5.5	5.4	< 0.50	< 0.50	19.1	23.5
Fluorotrichloromethane	0000756	3490	698														< 0.86	< 0.18	< 0.18	< 0.18	< 1.8	< 0.74
Hexachlorobutadiene	0000876	NSE	NSE														< 10.5	< 2.1	< 2.1	< 2.1	< 21.1	< 8.4
Isopropyl Alcohol	0000676	NSE	NSE														704	29.6	< 24.3	< 24.3	< 243	< 97.4
Isopropyl ether	0001082	NSE	NSE														< 2.5	< 0.50	< 0.50	< 0.50	< 5.0	< 2.0
Isopropylbenzene	0000988	NSE	NSE														< 0.72	< 0.14	< 0.14	< 0.14	< 1.4	< 0.57
Methyl Ethyl Ketone	0000789	4000	800														270	< 3.0	3.5	< 3.0	< 29.8	20.2
Methyl Isobutyl Ketone	0001081	500	50														< 10.7	< 2.1	< 2.1	< 2.1	< 21.4	21.5
Methyl tert-butyl Ether	0016340	60	12														< 0.87	< 0.17	< 0.17	< 0.17	< 1.7	< 0.70
Methylene Chloride	0000750	5	0.5														< 1.2	< 0.23	< 0.23	< 0.23	<u>3.9</u>	<u>1.8</u>
Naphthalene	0000912	100	10														< 12.5	< 2.5	< 2.5	< 2.5	< 25.0	< 10.0
n-Butylbenzene	0001045	NSE	NSE														< 2.5	< 0.50	< 0.50	< 0.50	< 5.0	< 2.0
p-Isopropyltoluene	0000998	NSE	NSE														< 2.5	< 0.50	< 0.50	< 0.50	< 5.0	< 2.0
Styrene	0001004	100	10														< 2.5	< 0.50	< 0.50	< 0.50	< 5.0	< 2.0
Tetrachloroethene	0001271	5	0.5														7.3	8.1	10.2	9.1	< 5.0	17.0
Toluene	0001088	800	160														150	131	3.7	< 0.50	<u>432</u>	<u>560</u>
Total TriMthBenzenes	TOTALT	480	96														< 5	< 1	< 1	< 1	< 10	< 4
Total Xylenes	TOTAL X	2000	400														17.5	22.2	< 1.5	< 1.5	60.2	42.9
Trichloroethene	0000790	5	0.5														< 1.7	< 0.33	< 0.33	< 0.33	< 3.3	16.5
Vinyl Chloride	0000750	0.2	0.02														< 0.88	< 0.18	< 0.18	< 0.18	< 1.8	< 0.70
Xylene - M & P	1796012	2000	400														14.1	16.3	< 1.0	< 1.0	45.1	28.5
Xylene - O	0000954	2000	400														3.4	5.9	< 0.50	< 0.50	15.1	14.4

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40																		8880	7780
1,1,2-Trichloroethane	0000790	5	0.5																		26.7	21.1
1,1-Dichloroethane	0000753	850	85																		141	127
1,1-Dichloroethene	0000753	7	0.7																		373	359
1,2,3-Trichlorobenzene	0000876	NSE	NSE																		< 107	< 213
1,2,4-Trichlorobenzene	0001208	70	14																		< 110	< 221
1,2-cis-Dichloroethene	0001565	70	7																		362	366
1,2-Dichlorobenzene	0000955	600	60																		< 25.0	< 50.0
1,2-Dichloroethane	0001070	5	0.5																		< 8.4	< 16.8
1,2-Dichloropropane	0000788	5	0.5																		< 11.7	< 23.3
1,2-trans-Dichloroethen	0001566	100	20																		< 12.8	< 25.7
1,4-Dichlorobenzene	0001064	75	15																		< 25.0	< 50.0
124TRIMTHLBENZEN	0000956	480	96																		< 25.0	< 50.0
135TRIMTHLBENZEN	0001086	480	96																		< 25.0	< 50.0
2-Chlorotoluene	0000954	NSE	NSE																		< 25.0	< 50.0
Acetone	0000676	9000	1800																		< 148	< 295
Benzene	0000714	5	0.5																		< 25.0	< 50.0
Chloroethane	0000750	400	80																		< 18.7	< 37.5
Chloroform	0000676	6	0.6																		< 125	< 250
Chloromethane	0000748	30	3																		< 25.0	< 50.0
Dichlorodifluoromethan	0000757	1000	200																		< 11.2	< 22.4
Ethylbenzene	0001004	700	140																		< 25.0	< 50.0
Fluorotrichloromethane	0000756	3490	698																		< 9.2	< 18.5
Hexachlorobutadiene	0000876	NSE	NSE																		< 105	< 211
Isopropyl Alcohol	0000676	NSE	NSE																		< 1220	< 2430
Isopropyl ether	0001082	NSE	NSE																		< 25.0	< 50.0
Isopropylbenzene	0000988	NSE	NSE																		< 7.2	< 14.3
Methyl Ethyl Ketone	0000789	4000	800																		< 149	< 298
Methyl Isobutyl Ketone	0001081	500	50																		< 107	< 214
Methyl tert-butyl Ether	0016340	60	12																		< 8.7	< 17.4
Methylene Chloride	0000750	5	0.5																		< 11.6	< 23.3
Naphthalene	0000912	100	10																		< 125	< 250
n-Butylbenzene	0001045	NSE	NSE																		< 25.0	< 50.0
p-Isopropyltoluene	0000998	NSE	NSE																		< 25.0	< 50.0
Styrene	0001004	100	10																		< 25.0	< 50.0
Tetrachloroethene	0001271	5	0.5																		4500	4380
Toluene	0001088	800	160																		< 25.0	< 50.0
Total TriMthBenzenes	TOTALT	480	96																		< 50	< 100
Total Xylenes	TOTAL X	2000	400																		< 75	< 150
Trichloroethene	0000790	5	0.5																		7360	6480
Vinyl Chloride	0000750	0.2	0.02																		< 8.8	< 17.6
Xylene - M & P	1796012	2000	400																		< 50.0	< 100
Xylene - O	0000954	2000	400																		< 25.0	< 50.0

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40																		3780	4330
1,1,2-Trichloroethane	0000790	5	0.5																		23.2	34.8
1,1-Dichloroethane	0000753	850	85																		3420	3110
1,1-Dichloroethene	0000753	7	0.7																		92.0	78.2
1,2,3-Trichlorobenzene	0000876	NSE	NSE																		< 107	< 267
1,2,4-Trichlorobenzene	0001208	70	14																		< 110	< 276
1,2-cis-Dichloroethene	0001565	70	7																		13600	8800
1,2-Dichlorobenzene	0000955	600	60																		< 25.0	< 62.5
1,2-Dichloroethane	0001070	5	0.5																		22.2	21.3
1,2-Dichloropropane	0000788	5	0.5																		< 11.7	< 29.1
1,2-trans-Dichloroethen	0001566	100	20																		48.2	39.6
1,4-Dichlorobenzene	0001064	75	15																		< 25.0	< 62.5
124TRIMTHLBENZEN	0000956	480	96																		< 25.0	< 62.5
135TRIMTHLBENZEN	0001086	480	96																		< 25.0	< 62.5
2-Chlorotoluene	0000954	NSE	NSE																		< 25.0	< 62.5
Acetone	0000676	9000	1800																		< 148	< 369
Benzene	0000714	5	0.5																		< 25.0	< 62.5
Chloroethane	0000750	400	80																		235	180
Chloroform	0000676	6	0.6																		< 125	< 312
Chloromethane	0000748	30	3																		< 25.0	< 62.5
Dichlorodifluoromethan	0000757	1000	200																		< 11.2	< 28.0
Ethylbenzene	0001004	700	140																		< 25.0	< 62.5
Fluorotrichloromethane	0000756	3490	698																		< 9.2	< 23.1
Hexachlorobutadiene	0000876	NSE	NSE																		< 105	< 263
Isopropyl Alcohol	0000676	NSE	NSE																		< 1220	< 3040
Isopropyl ether	0001082	NSE	NSE																		< 25.0	< 62.5
Isopropylbenzene	0000988	NSE	NSE																		< 7.2	< 17.9
Methyl Ethyl Ketone	0000789	4000	800																		< 149	< 372
Methyl Isobutyl Ketone	0001081	500	50																		< 107	< 268
Methyl tert-butyl Ether	0016340	60	12																		< 8.7	< 21.8
Methylene Chloride	0000750	5	0.5																		106	52.9
Naphthalene	0000912	100	10																		< 125	< 312
n-Butylbenzene	0001045	NSE	NSE																		< 25.0	< 62.5
p-Isopropyltoluene	0000998	NSE	NSE																		< 25.0	< 62.5
Styrene	0001004	100	10																		< 25.0	< 62.5
Tetrachloroethene	0001271	5	0.5																		240	214
Toluene	0001088	800	160																		213	< 62.5
Total TriMthBenzenes	TOTALT	480	96																		< 50	< 125
Total Xylenes	TOTAL X	2000	400																		< 75	< 187.5
Trichloroethene	0000790	5	0.5																		240	215
Vinyl Chloride	0000750	0.2	0.02																		116	88.9
Xylene - M & P	1796012	2000	400																		< 50.0	< 125
Xylene - O	0000954	2000	400																		45.4	< 62.5

300	W-101	RESULTS MONTH/YEAR																						
		DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	< .22		< .2		< .21		< .22														
1,1,2-Trichloroethane	0000790	5	0.5	< .23		< .17		< .25		< .23														
1,1-Dichloroethane	0000753	850	85	< .21		< .16		< .19		< .21														
1,1-Dichloroethene	0000753	7	0.7	< .21		< .15		< .2		< .21														
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .27		< .23		< .26		< .27														
1,2,4-Trichlorobenzene	0001208	70	14	< .32		< .3		< .28		< .32														
1,2-cis-Dichloroethene	0001565	70	7	< .2		< .12		< .21		< .2														
1,2-Dichlorobenzene	0000955	600	60	< .16		< .13		< .19		< .16														
1,2-Dichloroethane	0001070	5	0.5	< .16		< .22		< .24		< .16														
1,2-Dichloropropane	0000788	5	0.5	< .22		< .21		< .2		< .22														
1,2-trans-Dichloroethen	0001566	100	20	< .26		< .13		< .19		< .26														
1,4-Dichlorobenzene	0001064	75	15	< .22		< .13		< .22		< .22														
124TRIMTHLBENZEN	0000956	480	96	< .18		< .12		< .24		< .18														
135TRIMTHLBENZEN	0001086	480	96	< .2		< .12		< .25		< .2														
2-Chlorotoluene	0000954	NSE	NSE	< .2		< .15		< .26		< .2														
Acetone	0000676	9000	1800	< 4.2		< 4		< 4.2		5.5														
Benzene	0000714	5	0.5	< .2		< .13		< .26		< .2														
Chloroethane	0000750	400	80	< 1.5		< .67		< 2.1		< 1.5														
Chloroform	0000676	6	0.6	< .2		< .13		< .23		< .2														
Chloromethane	0000748	30	3	< .23		< .28		< .24		< .23														
Dichlorodifluoromethan	0000757	1000	200	< .29		< .13		< .19		< .29														
Ethylbenzene	0001004	700	140	< .21		< .12		< .22		< .21														
Fluorotrichloromethane	0000756	3490	698	< .32		< .11		< .25		< .32														
Hexachlorobutadiene	0000876	NSE	NSE	< .45		< .36		< .23		< .45														
Isopropyl Alcohol	0000676	NSE	NSE	< 8.3		< 14		15		13														
Isopropyl ether	0001082	NSE	NSE	< .25		< .2		< .19		< .25														
Isopropylbenzene	0000988	NSE	NSE	< .22		< .1		< .22		< .22														
Methyl Ethyl Ketone	0000789	4000	800	< 1		< 1		< 1		< 1														
Methyl Isobutyl Ketone	0001081	500	50	< .53		< .64		< .31		< .53														
Methyl tert-butyl Ether	0016340	60	12	< .28		< .13		< .19		< .28														
Methylene Chloride	0000750	5	0.5	< .48		.34		< .4		< .48														
Naphthalene	0000912	100	10	< .41		< .31		< .32		< .41														
n-Butylbenzene	0001045	NSE	NSE	< .18		< .14		< .24		< .18														
p-Isopropyltoluene	0000998	NSE	NSE	< .19		< .11		< .2		< .19														
Styrene	0001004	100	10	< .17		< .11		< .19		< .17														
Tetrachloroethene	0001271	5	0.5	< .21		< .18		< .15		< .21														
Toluene	0001088	800	160	< .17		< .16		< .23		< .17														
Total TriMthBenzenes	TOTALT	480	96	< .18		< .12		< .24		< .18														
Total Xylenes	TOTAL X	2000	400	< .24		< .16		< .22		< .24														
Trichloroethene	0000790	5	0.5	< .17		< .16		< .25		< .17														
Vinyl Chloride	0000750	0.2	0.02	< .18		< .17		< .15		< .18														
Xylene - M & P	1796012	2000	400	< .33		< .22		< .46		< .33														
Xylene - O	0000954	2000	400	< .24		< .16		< .22		< .24														

303	MW-101A	RESULTS MONTH/YEAR																							
		DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40																						
1,1,2-Trichloroethane	0000790	5	0.5																						
1,1-Dichloroethane	0000753	850	85																						
1,1-Dichloroethene	0000753	7	0.7																						
1,2,3-Trichlorobenzene	0000876	NSE	NSE																						
1,2,4-Trichlorobenzene	0001208	70	14																						
1,2-cis-Dichloroethene	0001565	70	7																						
1,2-Dichlorobenzene	0000955	600	60																						
1,2-Dichloroethane	0001070	5	0.5																						
1,2-Dichloropropane	0000788	5	0.5																						
1,2-trans-Dichloroethen	0001566	100	20																						
1,4-Dichlorobenzene	0001064	75	15																						
124TRIMTHLBENZEN	0000956	480	96																						
135TRIMTHLBENZEN	0001086	480	96																						
2-Chlorotoluene	0000954	NSE	NSE																						
Acetone	0000676	9000	1800																						
Benzene	0000714	5	0.5																						
Chloroethane	0000750	400	80																						
Chloroform	0000676	6	0.6																						
Chloromethane	0000748	30	3																						
Dichlorodifluoromethan	0000757	1000	200																						
Ethylbenzene	0001004	700	140																						
Fluorotrichloromethane	0000756	3490	698																						
Hexachlorobutadiene	0000876	NSE	NSE																						
Isopropyl Alcohol	0000676	NSE	NSE																						
Isopropyl ether	0001082	NSE	NSE																						
Isopropylbenzene	0000988	NSE	NSE																						
Methyl Ethyl Ketone	0000789	4000	800																						
Methyl Isobutyl Ketone	0001081	500	50																						
Methyl tert-butyl Ether	0016340	60	12																						
Methylene Chloride	0000750	5	0.5																						
Naphthalene	0000912	100	10																						
n-Butylbenzene	0001045	NSE	NSE																						
p-Isopropyltoluene	0000998	NSE	NSE																						
Styrene	0001004	100	10																						
Tetrachloroethene	0001271	5	0.5																						
Toluene	0001088	800	160																						
Total TriMthBenzenes	TOTALT	480	96																						
Total Xylenes	TOTAL X	2000	400																						
Trichloroethene	0000790	5	0.5																						
Vinyl Chloride	0000750	0.2	0.02																						
Xylene - M & P	1796012	2000	400																						
Xylene - O	0000954	2000	400																						

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40																				
1,1,2-Trichloroethane	0000790	5	0.5																				
1,1-Dichloroethane	0000753	850	85																				
1,1-Dichloroethene	0000753	7	0.7																				
1,2,3-Trichlorobenzene	0000876	NSE	NSE																				
1,2,4-Trichlorobenzene	0001208	70	14																				
1,2-cis-Dichloroethene	0001565	70	7																				
1,2-Dichlorobenzene	0000955	600	60																				
1,2-Dichloroethane	0001070	5	0.5																				
1,2-Dichloropropane	0000788	5	0.5																				
1,2-trans-Dichloroethen	0001566	100	20																				
1,4-Dichlorobenzene	0001064	75	15																				
124TRIMTHLBENZEN	0000956	480	96																				
135TRIMTHLBENZEN	0001086	480	96																				
2-Chlorotoluene	0000954	NSE	NSE																				
Acetone	0000676	9000	1800																				
Benzene	0000714	5	0.5																				
Chloroethane	0000750	400	80																				
Chloroform	0000676	6	0.6																				
Chloromethane	0000748	30	3																				
Dichlorodifluoromethan	0000757	1000	200																				
Ethylbenzene	0001004	700	140																				
Fluorotrichloromethane	0000756	3490	698																				
Hexachlorobutadiene	0000876	NSE	NSE																				
Isopropyl Alcohol	0000676	NSE	NSE																				
Isopropyl ether	0001082	NSE	NSE																				
Isopropylbenzene	0000988	NSE	NSE																				
Methyl Ethyl Ketone	0000789	4000	800																				
Methyl Isobutyl Ketone	0001081	500	50																				
Methyl tert-butyl Ether	0016340	60	12																				
Methylene Chloride	0000750	5	0.5																				
Naphthalene	0000912	100	10																				
n-Butylbenzene	0001045	NSE	NSE																				
p-Isopropyltoluene	0000998	NSE	NSE																				
Styrene	0001004	100	10																				
Tetrachloroethene	0001271	5	0.5																				
Toluene	0001088	800	160																				
Total TriMthBenzenes	TOTALT	480	96																				
Total Xylenes	TOTAL X	2000	400																				
Trichloroethene	0000790	5	0.5																				
Vinyl Chloride	0000750	0.2	0.02																				
Xylene - M & P	1796012	2000	400																				
Xylene - O	0000954	2000	400																				

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40																				
1,1,2-Trichloroethane	0000790	5	0.5																				
1,1-Dichloroethane	0000753	850	85																				
1,1-Dichloroethene	0000753	7	0.7																				
1,2,3-Trichlorobenzene	0000876	NSE	NSE																				
1,2,4-Trichlorobenzene	0001208	70	14																				
1,2-cis-Dichloroethene	0001565	70	7																				
1,2-Dichlorobenzene	0000955	600	60																				
1,2-Dichloroethane	0001070	5	0.5																				
1,2-Dichloropropane	0000788	5	0.5																				
1,2-trans-Dichloroethen	0001566	100	20																				
1,4-Dichlorobenzene	0001064	75	15																				
124TRIMTHLBENZEN	0000956	480	96																				
135TRIMTHLBENZEN	0001086	480	96																				
2-Chlorotoluene	0000954	NSE	NSE																				
Acetone	0000676	9000	1800																				
Benzene	0000714	5	0.5																				
Chloroethane	0000750	400	80																				
Chloroform	0000676	6	0.6																				
Chloromethane	0000748	30	3																				
Dichlorodifluoromethan	0000757	1000	200																				
Ethylbenzene	0001004	700	140																				
Fluorotrichloromethane	0000756	3490	698																				
Hexachlorobutadiene	0000876	NSE	NSE																				
Isopropyl Alcohol	0000676	NSE	NSE																				
Isopropyl ether	0001082	NSE	NSE																				
Isopropylbenzene	0000988	NSE	NSE																				
Methyl Ethyl Ketone	0000789	4000	800																				
Methyl Isobutyl Ketone	0001081	500	50																				
Methyl tert-butyl Ether	0016340	60	12																				
Methylene Chloride	0000750	5	0.5																				
Naphthalene	0000912	100	10																				
n-Butylbenzene	0001045	NSE	NSE																				
p-Isopropyltoluene	0000998	NSE	NSE																				
Styrene	0001004	100	10																				
Tetrachloroethene	0001271	5	0.5																				
Toluene	0001088	800	160																				
Total TriMthBenzenes	TOTALT	480	96																				
Total Xylenes	TOTAL X	2000	400																				
Trichloroethene	0000790	5	0.5																				
Vinyl Chloride	0000750	0.2	0.02																				
Xylene - M & P	1796012	2000	400																				
Xylene - O	0000954	2000	400																				

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40			< .2																
1,1,2-Trichloroethane	0000790	5	0.5			< .17																
1,1-Dichloroethane	0000753	850	85			< .16																
1,1-Dichloroethene	0000753	7	0.7			< .15																
1,2,3-Trichlorobenzene	0000876	NSE	NSE			< .23																
1,2,4-Trichlorobenzene	0001208	70	14			< .3																
1,2-cis-Dichloroethene	0001565	70	7			< .12																
1,2-Dichlorobenzene	0000955	600	60			< .13																
1,2-Dichloroethane	0001070	5	0.5			< .22																
1,2-Dichloropropane	0000788	5	0.5			< .21																
1,2-trans-Dichloroethen	0001566	100	20			< .13																
1,4-Dichlorobenzene	0001064	75	15			< .13																
124TRIMTHLBENZEN	0000956	480	96			< .12																
135TRIMTHLBENZEN	0001086	480	96			< .12																
2-Chlorotoluene	0000954	NSE	NSE			< .15																
Acetone	0000676	9000	1800			< 4																
Benzene	0000714	5	0.5			< .13																
Chloroethane	0000750	400	80			< .67																
Chloroform	0000676	6	0.6			< .13																
Chloromethane	0000748	30	3			< .28																
Dichlorodifluoromethan	0000757	1000	200			< .13																
Ethylbenzene	0001004	700	140			< .12																
Fluorotrichloromethane	0000756	3490	698			< .11																
Hexachlorobutadiene	0000876	NSE	NSE			< .36																
Isopropyl Alcohol	0000676	NSE	NSE			< 14																
Isopropyl ether	0001082	NSE	NSE			< .2																
Isopropylbenzene	0000988	NSE	NSE			< .1																
Methyl Ethyl Ketone	0000789	4000	800			< 1																
Methyl Isobutyl Ketone	0001081	500	50			< .64																
Methyl tert-butyl Ether	0016340	60	12			< .13																
Methylene Chloride	0000750	5	0.5			.34																
Naphthalene	0000912	100	10			< .31																
n-Butylbenzene	0001045	NSE	NSE			< .14																
p-Isopropyltoluene	0000998	NSE	NSE			< .11																
Styrene	0001004	100	10			< .11																
Tetrachloroethene	0001271	5	0.5			< .18																
Toluene	0001088	800	160			< .16																
Total TriMthBenzenes	TOTALT	480	96			< .12																
Total Xylenes	TOTAL X	2000	400			< .16																
Trichloroethene	0000790	5	0.5			< .16																
Vinyl Chloride	0000750	0.2	0.02			.33																
Xylene - M & P	1796012	2000	400			< .22																
Xylene - O	0000954	2000	400			< .16																

321	MW-104A	RESULTS MONTH/YEAR																					
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40			< .2																	
1,1,2-Trichloroethane	0000790	5	0.5			< .17																	
1,1-Dichloroethane	0000753	850	85			< .16																	
1,1-Dichloroethene	0000753	7	0.7			< .15																	
1,2,3-Trichlorobenzene	0000876	NSE	NSE			< .23																	
1,2,4-Trichlorobenzene	0001208	70	14			< .3																	
1,2-cis-Dichloroethene	0001565	70	7			< .12																	
1,2-Dichlorobenzene	0000955	600	60			< .13																	
1,2-Dichloroethane	0001070	5	0.5			< .22																	
1,2-Dichloropropane	0000788	5	0.5			< .21																	
1,2-trans-Dichloroethen	0001566	100	20			< .13																	
1,4-Dichlorobenzene	0001064	75	15			< .13																	
124TRIMTHLBENZEN	0000956	480	96			< .12																	
135TRIMTHLBENZEN	0001086	480	96			< .12																	
2-Chlorotoluene	0000954	NSE	NSE			< .15																	
Acetone	0000676	9000	1800			< 4																	
Benzene	0000714	5	0.5			< .13																	
Chloroethane	0000750	400	80			< .67																	
Chloroform	0000676	6	0.6			< .13																	
Chloromethane	0000748	30	3			< .28																	
Dichlorodifluoromethan	0000757	1000	200			< .13																	
Ethylbenzene	0001004	700	140			< .12																	
Fluorotrichloromethane	0000756	3490	698			< .11																	
Hexachlorobutadiene	0000876	NSE	NSE			< .36																	
Isopropyl Alcohol	0000676	NSE	NSE			< 14																	
Isopropyl ether	0001082	NSE	NSE			< .2																	
Isopropylbenzene	0000988	NSE	NSE			< .1																	
Methyl Ethyl Ketone	0000789	4000	800			< 1																	
Methyl Isobutyl Ketone	0001081	500	50			< .64																	
Methyl tert-butyl Ether	0016340	60	12			< .13																	
Methylene Chloride	0000750	5	0.5			.32																	
Naphthalene	0000912	100	10			< .31																	
n-Butylbenzene	0001045	NSE	NSE			< .14																	
p-Isopropyltoluene	0000998	NSE	NSE			< .11																	
Styrene	0001004	100	10			< .11																	
Tetrachloroethene	0001271	5	0.5			< .18																	
Toluene	0001088	800	160			< .16																	
Total TriMthBenzenes	TOTALT	480	96			< .12																	
Total Xylenes	TOTAL X	2000	400			< .16																	
Trichloroethene	0000790	5	0.5			< .16																	
Vinyl Chloride	0000750	0.2	0.02			.32																	
Xylene - M & P	1796012	2000	400			< .22																	
Xylene - O	0000954	2000	400			< .16																	

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	< .13		< .22		< .21		< .22		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
1,1,2-Trichloroethane	0000790	5	0.5	< .21		< .23		< .25		< .23		< 0.39			< 0.16			< 0.20		< 0.20		< 0.20
1,1-Dichloroethane	0000753	850	85	< .17		< .21		< .19		< .21		< 0.28			< 0.16			< 0.24		< 0.24		< 0.24
1,1-Dichloroethene	0000753	7	0.7	< .22		< .21		< .2		< .21		< 0.43			< 0.41			< 0.41		< 0.41		< 0.41
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .3		< .27		< .26		< .27		< 0.77			< 2.1			< 2.1		< 2.1		< 2.1
1,2,4-Trichlorobenzene	0001208	70	14	< .22		< .32		< .28		< .32		< 2.5			< 2.2			< 2.2		< 2.2		< 2.2
1,2-cis-Dichloroethene	0001565	70	7	< .16		< .2		< .21		< .2		< 0.42			< 0.26			< 0.26		< 0.26		< 0.26
1,2-Dichlorobenzene	0000955	600	60	< .16		< .16		< .19		< .16		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
1,2-Dichloroethane	0001070	5	0.5	< .15		< .16		< .24		< .16		< 0.48			< 0.17			< 0.17		< 0.17		< 0.17
1,2-Dichloropropane	0000788	5	0.5	< .33		< .22		< .2		< .22		< 0.50			< 0.23			< 0.23		< 0.23		< 0.23
1,2-trans-Dichloroethen	0001566	100	20	< .21		< .26		< .19		< .26		< 0.37			< 0.24			< 0.26		< 0.26		< 0.26
1,4-Dichlorobenzene	0001064	75	15	< .3		< .22		< .22		< .22		< 0.43			< 0.50			< 0.50		< 0.50		< 0.50
124TRIMTHLBENZEN	0000956	480	96	< .19		< .18		< .24		< .18		< 0.57			< 0.50			< 0.50		< 0.50		< 0.50
135TRIMTHLBENZEN	0001086	480	96	< .19		< .2		< .25		< .2		< 2.5			< 0.50			< 0.50		< 0.50		< 0.50
2-Chlorotoluene	0000954	NSE	NSE	< .19		< .2		< .26		< .2		< 0.48			< 0.50			< 0.50		< 0.50		< 0.50
Acetone	0000676	9000	1800	4.9		< 4.2		< 4.2		< 4.2		< 2.6			< 3.0			4.7		< 3.0		< 3.0
Benzene	0000714	5	0.5	< .24		< .2		< .26		< .2		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Chloroethane	0000750	400	80	< 1.1		< 1.5		< 2.1		< 1.5		< 0.44			< 0.37			< 0.37		< 0.37		< 0.37
Chloroform	0000676	6	0.6	< .13		< .2		< .23		< .2		< 0.69			< 2.5			< 2.5		< 2.5		< 2.5
Chloromethane	0000748	30	3	< .23		< .23		< .24		< .23		< 0.39			< 0.50			< 0.50		< 0.50		< 0.50
Dichlorodifluoromethan	0000757	1000	200	< .25		< .29		< .19		< .29		< 0.40			< 0.16			< 0.22		< 0.22		< 0.22
Ethylbenzene	0001004	700	140	< .15		< .21		< .22		< .21		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Fluorotrichloromethane	0000756	3490	698	< .21		< .32		< .25		< .32		< 0.48			< 0.17			< 0.18		< 0.18		< 0.18
Hexachlorobutadiene	0000876	NSE	NSE	< .25		< .45		< .23		< .45		< 1.3			< 2.1			< 2.1		< 2.1		< 2.1
Isopropyl Alcohol	0000676	NSE	NSE	26		< 8.3		< 6.3		< 8.3		< 40.8			25.1			280		< 24.3		< 24.3
Isopropyl ether	0001082	NSE	NSE	< .16		< .25		< .19		< .25		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Isopropylbenzene	0000988	NSE	NSE	< .18		< .22		< .22		< .22		< 0.34			< 0.12			< 0.14		< 0.14		< 0.14
Methyl Ethyl Ketone	0000789	4000	800	1.4		< 1		< 1		< 1		< 2.7			< 3.0			< 3.0		< 3.0		< 3.0
Methyl Isobutyl Ketone	0001081	500	50	< .37		< .53		< .31		< .53		< 2.3			< 2.1			< 2.1		< 2.1		< 2.1
Methyl tert-butyl Ether	0016340	60	12	< .19		< .28		< .19		< .28		< 0.49			< 0.17			< 0.17		< 0.17		< 0.17
Methylene Chloride	0000750	5	0.5	< .22		< .48		< .4		< .48		< 0.36			< 0.23			< 0.23		< 0.23		< 0.23
Naphthalene	0000912	100	10	< .32		< .41		< .32		< .41		< 2.5			< 2.5			< 2.5		< 2.5		< 2.5
n-Butylbenzene	0001045	NSE	NSE	< .23		< .18		< .24		< .18		< 0.40			< 0.22			< 0.50		< 0.50		< 0.50
p-Isopropyltoluene	0000998	NSE	NSE	< .16		< .19		< .2		< .19		< 0.40			< 0.13			< 0.50		< 0.50		< 0.50
Styrene	0001004	100	10	< .2		< .17		< .19		< .17		< 0.35			< 0.15			< 0.50		< 0.50		< 0.50
Tetrachloroethene	0001271	5	0.5	< .12		< .21		< .15		< .21		< 0.47			< 0.50			< 0.50		< 0.50		< 0.50
Toluene	0001088	800	160	< .18		< .17		< .23		< .17		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
Total TriMthBenzenes	TOTALT	480	96	< .19		< .18		< .24		< .18		< .57			< .5			< 1		< 1		< 1
Total Xylenes	TOTAL X	2000	400	< .17		< .24		< .22		< .24		< .5			< .5			< 1.5		< 1.5		< 1.5
Trichloroethene	0000790	5	0.5	< .37		< .17		< .25		< .17		< 0.43			< 0.33			< 0.33		< 0.33		< 0.33
Vinyl Chloride	0000750	0.2	0.02	< .17		< .18		< .15		< .18		< 0.18			< 0.18			< 0.18		< 0.18		< 0.18
Xylene - M & P	1796012	2000	400	< .28		< .33		< .46		< .33		< 0.82			< 1.0			< 1.0		< 1.0		< 1.0
Xylene - O	0000954	2000	400	< .17		< .24		< .22		< .24		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	< .13		< .22		< .21		< .22		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
1,1,2-Trichloroethane	0000790	5	0.5	< .21		< .23		< .25		< .23		< 0.39			< 0.16			< 0.20		< 0.20		< 0.20
1,1-Dichloroethane	0000753	850	85	< .17		< .21		< .19		< .21		< 0.28			< 0.16			< 0.24		< 0.24		< 0.24
1,1-Dichloroethene	0000753	7	0.7	< .22		< .21		< .2		< .21		< 0.43			< 0.41			< 0.41		< 0.41		< 0.41
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .3		< .27		< .26		< .27		< 0.77			< 2.1			< 2.1		< 2.1		< 2.1
1,2,4-Trichlorobenzene	0001208	70	14	< .22		< .32		< .28		< .32		< 2.5			< 2.2			< 2.2		< 2.2		< 2.2
1,2-cis-Dichloroethene	0001565	70	7	< .16		< .2		< .21		< .2		< 0.42			< 0.26			< 0.26		< 0.26		< 0.26
1,2-Dichlorobenzene	0000955	600	60	< .16		< .16		< .19		< .16		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
1,2-Dichloroethane	0001070	5	0.5	< .15		< .16		< .24		< .16		< 0.48			< 0.17			< 0.17		< 0.17		< 0.17
1,2-Dichloropropane	0000788	5	0.5	< .33		< .22		< .2		< .22		< 0.50			< 0.23			< 0.23		< 0.23		< 0.23
1,2-trans-Dichloroethen	0001566	100	20	< .21		< .26		< .19		< .26		< 0.37			< 0.24			< 0.26		< 0.26		< 0.26
1,4-Dichlorobenzene	0001064	75	15	< .3		< .22		< .22		< .22		< 0.43			< 0.50			< 0.50		< 0.50		< 0.50
124TRIMTHLBENZEN	0000956	480	96	< .19		< .18		< .24		< .18		< 0.57			< 0.50			< 0.50		< 0.50		< 0.50
135TRIMTHLBENZEN	0001086	480	96	< .19		< .2		< .25		< .2		< 2.5			< 0.50			< 0.50		< 0.50		< 0.50
2-Chlorotoluene	0000954	NSE	NSE	< .19		< .2		< .26		< .2		< 0.48			< 0.50			< 0.50		< 0.50		< 0.50
Acetone	0000676	9000	1800	4.2		< 4.2		< 4.2		< 4.2		< 2.6			3.1			4.0		< 3.0		< 3.0
Benzene	0000714	5	0.5	< .24		< .2		< .26		< .2		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Chloroethane	0000750	400	80	< 1.1		< 1.5		< 2.1		< 1.5		< 0.44			< 0.37			< 0.37		< 0.37		< 0.37
Chloroform	0000676	6	0.6	< .13		< .2		< .23		< .2		< 0.69			< 2.5			< 2.5		< 2.5		< 2.5
Chloromethane	0000748	30	3	< .23		< .23		< .24		< .23		< 0.39			< 0.50			< 0.50		< 0.50		< 0.50
Dichlorodifluoromethan	0000757	1000	200	< .25		< .29		< .19		< .29		< 0.40			< 0.16			< 0.22		< 0.22		< 0.22
Ethylbenzene	0001004	700	140	< .15		< .21		< .22		< .21		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Fluorotrichloromethane	0000756	3490	698	< .21		< .32		< .25		< .32		< 0.48			< 0.17			< 0.18		< 0.18		< 0.18
Hexachlorobutadiene	0000876	NSE	NSE	< .25		< .45		< .23		< .45		< 1.3			< 2.1			< 2.1		< 2.1		< 2.1
Isopropyl Alcohol	0000676	NSE	NSE	18		< 8.3		< 6.3		< 8.3		< 40.8			41.3			55.8		< 24.3		< 24.3
Isopropyl ether	0001082	NSE	NSE	< .16		< .25		< .19		< .25		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Isopropylbenzene	0000988	NSE	NSE	< .18		< .22		< .22		< .22		< 0.34			< 0.12			< 0.14		< 0.14		< 0.14
Methyl Ethyl Ketone	0000789	4000	800	.96		< 1		< 1		< 1		< 2.7			< 3.0			< 3.0		< 3.0		< 3.0
Methyl Isobutyl Ketone	0001081	500	50	< .37		< .53		< .31		< .53		< 2.3			< 2.1			< 2.1		< 2.1		< 2.1
Methyl tert-butyl Ether	0016340	60	12	< .19		< .28		< .19		< .28		< 0.49			< 0.17			< 0.17		< 0.17		< 0.17
Methylene Chloride	0000750	5	0.5	< .22		< .48		< .4		< .48		< 0.36			< 0.23			< 0.23		< 0.23		< 0.23
Naphthalene	0000912	100	10	< .32		< .41		< .32		< .41		< 2.5			< 2.5			< 2.5		< 2.5		< 2.5
n-Butylbenzene	0001045	NSE	NSE	< .23		< .18		< .24		< .18		< 0.40			< 0.22			< 0.50		< 0.50		< 0.50
p-Isopropyltoluene	0000998	NSE	NSE	< .16		< .19		< .2		< .19		< 0.40			< 0.13			< 0.50		< 0.50		< 0.50
Styrene	0001004	100	10	< .2		< .17		< .19		< .17		< 0.35			< 0.15			< 0.50		< 0.50		< 0.50
Tetrachloroethene	0001271	5	0.5	< .12		< .21		< .15		< .21		< 0.47			< 0.50			< 0.50		< 0.50		< 0.50
Toluene	0001088	800	160	< .18		< .17		< .23		< .17		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
Total TriMthBenzenes	TOTALT	480	96	< .19		< .18		< .24		< .18		< .57			< .5			< 1		< 1		< 1
Total Xylenes	TOTAL X	2000	400	< .17		< .24		< .22		< .24		< .5			< .5			< 1.5		< 1.5		< 1.5
Trichloroethene	0000790	5	0.5	< .37		< .17		< .25		< .17		< 0.43			< 0.33			< 0.33		< 0.33		< 0.33
Vinyl Chloride	0000750	0.2	0.02	< .17		< .18		< .15		< .18		< 0.18			< 0.18			< 0.18		< 0.18		< 0.18
Xylene - M & P	1796012	2000	400	< .28		< .33		< .46		< .33		< 0.82			< 1.0			< 1.0		< 1.0		< 1.0
Xylene - O	0000954	2000	400	< .17		< .24		< .22		< .24		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40																				
1,1,2-Trichloroethane	0000790	5	0.5																				
1,1-Dichloroethane	0000753	850	85																				
1,1-Dichloroethene	0000753	7	0.7																				
1,2,3-Trichlorobenzene	0000876	NSE	NSE																				
1,2,4-Trichlorobenzene	0001208	70	14																				
1,2-cis-Dichloroethene	0001565	70	7																				
1,2-Dichlorobenzene	0000955	600	60																				
1,2-Dichloroethane	0001070	5	0.5																				
1,2-Dichloropropane	0000788	5	0.5																				
1,2-trans-Dichloroethen	0001566	100	20																				
1,4-Dichlorobenzene	0001064	75	15																				
124TRIMTHLBENZEN	0000956	480	96																				
135TRIMTHLBENZEN	0001086	480	96																				
2-Chlorotoluene	0000954	NSE	NSE																				
Acetone	0000676	9000	1800																				
Benzene	0000714	5	0.5																				
Chloroethane	0000750	400	80																				
Chloroform	0000676	6	0.6																				
Chloromethane	0000748	30	3																				
Dichlorodifluoromethan	0000757	1000	200																				
Ethylbenzene	0001004	700	140																				
Fluorotrichloromethane	0000756	3490	698																				
Hexachlorobutadiene	0000876	NSE	NSE																				
Isopropyl Alcohol	0000676	NSE	NSE																				
Isopropyl ether	0001082	NSE	NSE																				
Isopropylbenzene	0000988	NSE	NSE																				
Methyl Ethyl Ketone	0000789	4000	800																				
Methyl Isobutyl Ketone	0001081	500	50																				
Methyl tert-butyl Ether	0016340	60	12																				
Methylene Chloride	0000750	5	0.5																				
Naphthalene	0000912	100	10																				
n-Butylbenzene	0001045	NSE	NSE																				
p-Isopropyltoluene	0000998	NSE	NSE																				
Styrene	0001004	100	10																				
Tetrachloroethene	0001271	5	0.5																				
Toluene	0001088	800	160																				
Total TriMthBenzenes	TOTALT	480	96																				
Total Xylenes	TOTAL X	2000	400																				
Trichloroethene	0000790	5	0.5																				
Vinyl Chloride	0000750	0.2	0.02																				
Xylene - M & P	1796012	2000	400																				
Xylene - O	0000954	2000	400																				

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40																				
1,1,2-Trichloroethane	0000790	5	0.5																				
1,1-Dichloroethane	0000753	850	85																				
1,1-Dichloroethene	0000753	7	0.7																				
1,2,3-Trichlorobenzene	0000876	NSE	NSE																				
1,2,4-Trichlorobenzene	0001208	70	14																				
1,2-cis-Dichloroethene	0001565	70	7																				
1,2-Dichlorobenzene	0000955	600	60																				
1,2-Dichloroethane	0001070	5	0.5																				
1,2-Dichloropropane	0000788	5	0.5																				
1,2-trans-Dichloroethen	0001566	100	20																				
1,4-Dichlorobenzene	0001064	75	15																				
124TRIMTHLBENZEN	0000956	480	96																				
135TRIMTHLBENZEN	0001086	480	96																				
2-Chlorotoluene	0000954	NSE	NSE																				
Acetone	0000676	9000	1800																				
Benzene	0000714	5	0.5																				
Chloroethane	0000750	400	80																				
Chloroform	0000676	6	0.6																				
Chloromethane	0000748	30	3																				
Dichlorodifluoromethan	0000757	1000	200																				
Ethylbenzene	0001004	700	140																				
Fluorotrichloromethane	0000756	3490	698																				
Hexachlorobutadiene	0000876	NSE	NSE																				
Isopropyl Alcohol	0000676	NSE	NSE																				
Isopropyl ether	0001082	NSE	NSE																				
Isopropylbenzene	0000988	NSE	NSE																				
Methyl Ethyl Ketone	0000789	4000	800																				
Methyl Isobutyl Ketone	0001081	500	50																				
Methyl tert-butyl Ether	0016340	60	12																				
Methylene Chloride	0000750	5	0.5																				
Naphthalene	0000912	100	10																				
n-Butylbenzene	0001045	NSE	NSE																				
p-Isopropyltoluene	0000998	NSE	NSE																				
Styrene	0001004	100	10																				
Tetrachloroethene	0001271	5	0.5																				
Toluene	0001088	800	160																				
Total TriMthBenzenes	TOTALT	480	96																				
Total Xylenes	TOTAL X	2000	400																				
Trichloroethene	0000790	5	0.5																				
Vinyl Chloride	0000750	0.2	0.02																				
Xylene - M & P	1796012	2000	400																				
Xylene - O	0000954	2000	400																				

345	MW-108A	RESULTS MONTH/YEAR																					
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40																				
1,1,2-Trichloroethane	0000790	5	0.5																				
1,1-Dichloroethane	0000753	850	85																				
1,1-Dichloroethene	0000753	7	0.7																				
1,2,3-Trichlorobenzene	0000876	NSE	NSE																				
1,2,4-Trichlorobenzene	0001208	70	14																				
1,2-cis-Dichloroethene	0001565	70	7																				
1,2-Dichlorobenzene	0000955	600	60																				
1,2-Dichloroethane	0001070	5	0.5																				
1,2-Dichloropropane	0000788	5	0.5																				
1,2-trans-Dichloroethen	0001566	100	20																				
1,4-Dichlorobenzene	0001064	75	15																				
124TRIMTHLBENZEN	0000956	480	96																				
135TRIMTHLBENZEN	0001086	480	96																				
2-Chlorotoluene	0000954	NSE	NSE																				
Acetone	0000676	9000	1800																				
Benzene	0000714	5	0.5																				
Chloroethane	0000750	400	80																				
Chloroform	0000676	6	0.6																				
Chloromethane	0000748	30	3																				
Dichlorodifluoromethan	0000757	1000	200																				
Ethylbenzene	0001004	700	140																				
Fluorotrichloromethane	0000756	3490	698																				
Hexachlorobutadiene	0000876	NSE	NSE																				
Isopropyl Alcohol	0000676	NSE	NSE																				
Isopropyl ether	0001082	NSE	NSE																				
Isopropylbenzene	0000988	NSE	NSE																				
Methyl Ethyl Ketone	0000789	4000	800																				
Methyl Isobutyl Ketone	0001081	500	50																				
Methyl tert-butyl Ether	0016340	60	12																				
Methylene Chloride	0000750	5	0.5																				
Naphthalene	0000912	100	10																				
n-Butylbenzene	0001045	NSE	NSE																				
p-Isopropyltoluene	0000998	NSE	NSE																				
Styrene	0001004	100	10																				
Tetrachloroethene	0001271	5	0.5																				
Toluene	0001088	800	160																				
Total TriMthBenzenes	TOTALT	480	96																				
Total Xylenes	TOTAL X	2000	400																				
Trichloroethene	0000790	5	0.5																				
Vinyl Chloride	0000750	0.2	0.02																				
Xylene - M & P	1796012	2000	400																				
Xylene - O	0000954	2000	400																				

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40																				
1,1,2-Trichloroethane	0000790	5	0.5																				
1,1-Dichloroethane	0000753	850	85																				
1,1-Dichloroethene	0000753	7	0.7																				
1,2,3-Trichlorobenzene	0000876	NSE	NSE																				
1,2,4-Trichlorobenzene	0001208	70	14																				
1,2-cis-Dichloroethene	0001565	70	7																				
1,2-Dichlorobenzene	0000955	600	60																				
1,2-Dichloroethane	0001070	5	0.5																				
1,2-Dichloropropane	0000788	5	0.5																				
1,2-trans-Dichloroethen	0001566	100	20																				
1,4-Dichlorobenzene	0001064	75	15																				
124TRIMTHLBENZEN	0000956	480	96																				
135TRIMTHLBENZEN	0001086	480	96																				
2-Chlorotoluene	0000954	NSE	NSE																				
Acetone	0000676	9000	1800																				
Benzene	0000714	5	0.5																				
Chloroethane	0000750	400	80																				
Chloroform	0000676	6	0.6																				
Chloromethane	0000748	30	3																				
Dichlorodifluoromethan	0000757	1000	200																				
Ethylbenzene	0001004	700	140																				
Fluorotrichloromethane	0000756	3490	698																				
Hexachlorobutadiene	0000876	NSE	NSE																				
Isopropyl Alcohol	0000676	NSE	NSE																				
Isopropyl ether	0001082	NSE	NSE																				
Isopropylbenzene	0000988	NSE	NSE																				
Methyl Ethyl Ketone	0000789	4000	800																				
Methyl Isobutyl Ketone	0001081	500	50																				
Methyl tert-butyl Ether	0016340	60	12																				
Methylene Chloride	0000750	5	0.5																				
Naphthalene	0000912	100	10																				
n-Butylbenzene	0001045	NSE	NSE																				
p-Isopropyltoluene	0000998	NSE	NSE																				
Styrene	0001004	100	10																				
Tetrachloroethene	0001271	5	0.5																				
Toluene	0001088	800	160																				
Total TriMthBenzenes	TOTALT	480	96																				
Total Xylenes	TOTAL X	2000	400																				
Trichloroethene	0000790	5	0.5																				
Vinyl Chloride	0000750	0.2	0.02																				
Xylene - M & P	1796012	2000	400																				
Xylene - O	0000954	2000	400																				

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	-P	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	< .13	< .22	< .22	< .22	< .21	< .21	< .22	< .21	< 0.44	< 0.44		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,1,2-Trichloroethane	0000790	5	0.5	< .21	< .23	< .23	< .23	< .25	< .25	< .23	< .25	< 0.39	< 0.39		< 0.16	< 0.16		< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
1,1-Dichloroethane	0000753	850	85	.45	.32	.36	.43	.47	< .19	< .21	.24	0.33	< 0.28		0.34	0.41		< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,1-Dichloroethene	0000753	7	0.7	.26	< .21	.29	.33	.44	< .2	< .21	< .2	< 0.43	< 0.43		< 0.41	0.45		< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .3	< .27	< .27	< .27	< .26	< .26	< .27	< .26	< 0.77	< 0.77		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
1,2,4-Trichlorobenzene	0001208	70	14	< .22	< .32	< .32	< .32	< .28	< .28	< .32	< .28	< 2.5	< 2.5		< 2.2	< 2.2		< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
1,2-cis-Dichloroethene	0001565	70	7	< .16	< .2	< .2	< .2	< .21	< .21	< .2	< .21	< 0.42	< 0.42		< 0.26	< 0.26		< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
1,2-Dichlorobenzene	0000955	600	60	< .16	< .16	< .16	< .16	< .19	< .19	< .16	< .19	< 0.44	< 0.44		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dichloroethane	0001070	5	0.5	< .15	< .16	< .16	< .16	< .24	< .24	< .16	< .24	< 0.48	< 0.48		< 0.17	< 0.17		< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
1,2-Dichloropropane	0000788	5	0.5	< .33	< .22	< .22	< .22	< .2	< .2	< .22	< .2	< 0.50	< 0.50		< 0.23	< 0.23		< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23
1,2-trans-Dichloroethen	0001566	100	20	< .21	< .26	< .26	< .26	< .19	< .19	< .26	< .19	< 0.37	< 0.37		< 0.24	< 0.26		< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
1,4-Dichlorobenzene	0001064	75	15	< .3	< .22	< .22	< .22	< .22	< .22	< .22	< .22	< 0.43	< 0.43		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
124TRIMTHLBENZEN	0000956	480	96	< .19	< .18	< .18	< .18	< .24	< .24	< .18	< .24	< 0.57	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
135TRIMTHLBENZEN	0001086	480	96	< .19	< .2	< .2	< .2	< .25	< .25	< .2	< .25	< 2.5	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Chlorotoluene	0000954	NSE	NSE	< .19	< .2	< .2	< .2	< .26	< .26	< .2	< .26	< 0.48	< 0.48		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acetone	0000676	9000	1800	< 4	< 4.2	< 4.2	< 4.2	< 4.2	4.2	4.7	< 4.2	< 2.6	< 2.6		< 3.0	< 3.0		< 3.0	< 3.0	9.6	< 3.0	< 3.0	< 3.0
Benzene	0000714	5	0.5	< .24	< .2	< .2	< .2	< .26	< .26	< .2	< .26	< 0.50	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chloroethane	0000750	400	80	< 1.1	< 1.5	< 1.5	< 1.5	< 2.1	< 2.1	< 1.5	< 2.1	< 0.44	< 0.44		< 0.37	< 0.37		< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37
Chloroform	0000676	6	0.6	< .13	< .2	< .2	< .2	< .23	< .23	< .2	< .23	< 0.69	< 0.69		< 2.5	< 2.5		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Chloromethane	0000748	30	3	< .23	< .23	< .23	< .23	< .24	< .24	< .23	< .24	< 0.39	< 0.39		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dichlorodifluoromethan	0000757	1000	200	< .25	< .29	< .29	< .29	< .19	< .19	< .29	< .19	< 0.40	< 0.40		< 0.16	< 0.20		< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22
Ethylbenzene	0001004	700	140	< .15	< .21	< .21	< .21	< .22	< .22	< .21	< .22	< 0.50	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Fluorotrichloromethane	0000756	3490	698	< .21	< .32	< .32	< .32	< .25	< .25	< .32	< .25	< 0.48	< 0.48		< 0.17	< 0.17		< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Hexachlorobutadiene	0000876	NSE	NSE	< .25	< .45	< .45	< .45	< .23	< .23	< .45	< .23	< 1.3	< 1.3		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
Isopropyl Alcohol	0000676	NSE	NSE	< 10	< 8.3	< 8.3	< 8.3	23	28	14	< 6.3	< 40.8	< 40.8		< 24.3	33.8		< 24.3	< 24.3	< 24.3	< 24.3	< 24.3	< 24.3
Isopropyl ether	0001082	NSE	NSE	< .16	< .25	< .25	< .25	< .19	< .19	< .25	< .19	< 0.50	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Isopropylbenzene	0000988	NSE	NSE	< .18	< .22	< .22	< .22	< .22	< .22	< .22	< .22	< 0.34	< 0.34		< 0.12	< 0.14		< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Methyl Ethyl Ketone	0000789	4000	800	< .5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2.7	< 2.7		< 3.0	< 3.0		< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Methyl Isobutyl Ketone	0001081	500	50	< .37	< .53	< .53	< .53	< .31	< .31	< .53	< .31	< 2.3	< 2.3		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
Methyl tert-butyl Ether	0016340	60	12	< .19	< .28	< .28	< .28	< .19	< .19	< .28	< .19	< 0.49	< 0.49		< 0.17	< 0.17		< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
Methylene Chloride	0000750	5	0.5	< .22	< .48	< .48	< .48	< .4	< .4	< .48	< .4	< 0.36	< 0.36		< 0.23	< 0.23		< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23
Naphthalene	0000912	100	10	< .32	< .41	< .41	< .41	< .32	< .32	< .41	< .32	< 2.5	< 2.5		< 2.5	< 2.5		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
n-Butylbenzene	0001045	NSE	NSE	< .23	< .18	< .18	< .18	< .24	< .24	< .18	< .24	< 0.40	< 0.40		< 0.22	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
p-Isopropyltoluene	0000998	NSE	NSE	< .16	< .19	< .19	< .19	< .2	< .2	< .19	< .2	< 0.40	< 0.40		< 0.13	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Styrene	0001004	100	10	< .2	< .17	< .17	< .17	< .19	< .19	< .17	< .19	< 0.35	< 0.35		< 0.15	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Tetrachloroethene	0001271	5	0.5	< .12	< .21	< .21	< .21	< .15	< .15	< .21	< .15	< 0.47	< 0.47		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Toluene	0001088	800	160	< .18	< .17	< .17	< .17	< .23	< .23	< .17	< .23	< 0.44	< 0.44		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total TriMthBenzenes	TOTALT	480	96	< .19	< .18	< .18	< .18	< .24	< .24	< .18	< .24	< .57	< .5		< .5	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Total Xylenes	TOTAL X	2000	400	< .17	< .24	< .24	< .24	< .22	< .22	< .24	< .22	< .5	< .5		< .5	< 1.5		< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Trichloroethene	0000790	5	0.5	< .37	< .17	< .17	< .17	< .25	< .25	< .17	< .25	< 0.43	< 0.36		< 0.33	< 0.33		< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
Vinyl Chloride	0000750	0.2	0.02	< .17	< .18	< .18	< .18	< .15	< .15	< .18	< .15	< 0.18	< 0.18		< 0.18	< 0.18		< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Xylene - M & P	1796012	2000	400	< .28	< .33	< .33	< .33	< .46	< .46	< .33	< .46	< 0.82	< 0.82		< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Xylene - O	0000954	2000	400	< .17	< .24	< .24	< .24	< .22	< .22	< .24	< .22	< 0.50	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

360	MW-111A	RESULTS MONTH/YEAR																						
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	-P	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40	< 3.1	< 5.5	< .98	< .22	< 1	< 1	< 1.1	1	< 1.1	< 0.44		< 0.50	< 0.50		< 1.0	< 0.50	< 0.50	< 2.5	< 2.5		
1,1,2-Trichloroethane	0000790	5	0.5	< 5.2	< 5.6	< .83	< .23	< 1.3	< 1.3	< 1.1	< 1.3	< 0.97	< 0.39		< 0.16	< 0.16		< 0.39	< 0.20	< 0.20	< 0.99	< 0.99		
1,1-Dichloroethane	0000753	850	85	<u>140</u>	14	4.3	4.7	6.5	4.2	9.6	15	20.4	9.2		12.9	10.3		26.0	14.1	10	7.5	9.2		
1,1-Dichloroethene	0000753	7	0.7	< 5.4	< 5.2	< .76	<u>2.1</u>	< 1	< 1	< 1	< 1	< 1.1	< 0.43		< 0.41	< 0.41		< 0.82	< 0.41	< 0.41	< 2.1	< 2.1		
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< 7.4	< 6.8	< 1.1	< .27	< 1.3	< 1.3	< 1.4	< 1.3	< 1.9	< 0.77		< 2.1	< 2.1		< 4.3	< 2.1	< 2.1	< 10.7	< 10.7		
1,2,4-Trichlorobenzene	0001208	70	14	< 5.5	< 8	< 1.5	< .32	< 1.4	< 1.4	< 1.6	< 1.4	< 6.2	< 2.5		< 2.2	< 2.2		< 4.4	< 2.2	< 2.2	< 11.0	< 11.0		
1,2-cis-Dichloroethene	0001565	70	7	< 4.1	< 5.1	< .6	.33	< 1	< 1	< 1	< 1	< 1.0	< 0.42		0.49	0.35		0.67	0.61	0.54	< 1.3	2.1		
1,2-Dichlorobenzene	0000955	600	60	< 4	< 4	< .65	< .16	< .93	< .93	< .79	< .93	< 1.1	< 0.44		< 0.50	< 0.50		< 1.0	< 0.50	< 0.50	< 2.5	< 2.5		
1,2-Dichloroethane	0001070	5	0.5	24	19	14	13	14	14	18	18	17.9	5.2		22.5	25.1		10.3	18.1	21.8	30.8	67.7		
1,2-Dichloropropane	0000788	5	0.5	< 8.2	< 5.4	<u>4.5</u>	<u>3.5</u>	<u>4.1</u>	<u>3.4</u>	5.5	5.3	5.3	<u>1.7</u>		<u>4.3</u>	5.0		<u>2.2</u>	<u>2.3</u>	<u>2.5</u>	<u>1.9</u>	8.7		
1,2-trans-Dichloroethen	0001566	100	20	< 5.1	< 6.5	.91	.89	1.1	< .97	1.9	1.3	1.8	0.56		1.2	1.4		0.91	1.2	1.5	2.3	8.9		
1,4-Dichlorobenzene	0001064	75	15	< 7.4	< 5.6	< .64	< .22	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 0.43		< 0.50	< 0.50		< 1.0	< 0.50	< 0.50	< 2.5	< 2.5		
124TRIMTHLBENZEN	0000956	480	96	< 4.8	< 4.5	< .6	< .18	< 1.2	< 1.2	< .91	< 1.2	< 1.4	< 0.50		< 0.50	< 0.50		< 1.0	< 0.50	< 0.50	< 2.5	< 2.5		
135TRIMTHLBENZEN	0001086	480	96	< 4.9	< 4.9	< .61	< .2	< 1.3	< 1.3	< .98	< 1.3	< 6.2	< 0.50		< 0.50	< 0.50		< 1.0	< 0.50	< 0.50	< 2.5	< 2.5		
2-Chlorotoluene	0000954	NSE	NSE	< 4.7	< 5	< .73	< .2	< 1.3	< 1.3	< 1	< 1.3	< 1.2	< 0.48		< 0.50	< 0.50		< 1.0	< 0.50	< 0.50	< 2.5	< 2.5		
Acetone	0000676	9000	1800	< 100	< 100	< 20	< 4.2	< 21	< 21	< 21	< 21	< 6.5	< 2.6		< 3.0	< 3.0		< 5.9	< 3.0	< 3.0	< 14.8	< 14.8		
Benzene	0000714	5	0.5	< 6	< 4.9	<u>1.6</u>	<u>1.5</u>	<u>1.4</u>	< 1.3	<u>2.3</u>	<u>1.9</u>	<u>2.3</u>	<u>0.84</u>		<u>2.0</u>	<u>2.8</u>		<u>1.2</u>	<u>1.8</u>	<u>2.2</u>	<u>3.2</u>	12.1		
Chloroethane	0000750	400	80	<u>190</u>	<u>200</u>	<u>200</u>	<u>250</u>	<u>200</u>	<u>200</u>	<u>260</u>	<u>220</u>	<u>201</u>	31.7		<u>240</u>	<u>269</u>		<u>91.3</u>	<u>140</u>	<u>259</u>	<u>285</u>	761		
Chloroform	0000676	6	0.6	< 3.3	< 5.1	< .65	< .2	< 1.1	< 1.1	< 1	< 1.1	< 1.7	< 0.69		< 2.5	< 2.5		< 5.0	< 2.5	< 2.5	< 12.5	< 12.5		
Chloromethane	0000748	30	3	< 5.8	< 5.8	< 1.4	< .23	< 1.2	< 1.2	< 1.2	< 1.2	< 0.97	< 0.39		< 0.50	< 0.50		< 1.0	< 0.50	< 0.50	< 2.5	< 2.5		
Dichlorodifluoromethan	0000757	1000	200	< 6.2	< 7.2	< .67	< .29	< .95	< .95	< 1.4	< .95	< 1.0	< 0.40		< 0.16	< 0.20		< 0.45	< 0.22	< 0.22	< 1.1	< 1.1		
Ethylbenzene	0001004	700	140	< 3.9	< 5.2	< .6	< .21	< 1.1	< 1.1	< 1	< 1.1	< 1.2	< 0.50		< 0.50	< 0.50		< 1.0	< 0.50	< 0.50	< 2.5	< 2.5		
Fluorotrichloromethane	0000756	3490	698	< 5.3	< 7.9	< .54	< .32	< 1.3	< 1.3	< 1.6	< 1.3	< 1.2	< 0.48		< 0.17	< 0.17		< 0.37	< 0.18	< 0.18	< 0.92	< 0.92		
Hexachlorobutadiene	0000876	NSE	NSE	< 6.2	< 11	< 1.8	< .45	< 1.1	< 1.1	< 2.2	< 1.1	< 3.1	< 1.3		< 2.1	< 2.1		< 4.2	< 2.1	< 2.1	< 10.5	< 10.5		
Isopropyl Alcohol	0000676	NSE	NSE	< 250	< 210	< 71	< 8.3	< 32	< 32	< 41	< 32	< 102	< 40.8		< 24.3	< 24.3		63.3	< 24.3	< 24.3	< 122	< 122		
Isopropyl ether	0001082	NSE	NSE	< 3.9	< 6.1	< 1	< .25	< .95	< .95	< 1.2	< .95	< 1.2	< 0.50		1.0	1.3		1.5	1.3	1.8	< 2.5	< 2.5		
Isopropylbenzene	0000988	NSE	NSE	< 4.4	< 5.4	< .51	< .22	< 1.1	< 1.1	< 1.1	< 1.1	< 0.85	< 0.34		< 0.12	< 0.14		< 0.29	< 0.14	< 0.14	< 0.72	< 0.72		
Methyl Ethyl Ketone	0000789	4000	800	< 12	< 25	< 5	1	< 5	< 5	< 5	< 5	< 6.7	< 2.7		< 3.0	< 3.0		< 6.0	< 3.0	< 3.0	< 14.9	< 14.9		
Methyl Isobutyl Ketone	0001081	500	50	31	< 13	14	3.5	3.3	5.5	< 2.7	< 1.6	< 5.9	< 2.3		3.7	< 2.1		< 4.3	< 2.1	< 2.1	< 10.7	< 10.7		
Methyl tert-butyl Ether	0016340	60	12	< 4.8	< 7.1	< .64	< .28	< .95	< .95	< 1.4	< .95	< 1.2	< 0.49		< 0.17	< 0.17		< 0.35	< 0.17	< 0.17	< 0.87	< 0.87		
Methylene Chloride	0000750	5	0.5	< 5.5	38	<u>4.8</u>	< .48	< 2	< 2	< 2.4	< 2	< 0.90	< 0.36		< 0.23	< 0.23		< 0.47	< 0.23	< 0.23	< 1.2	< 1.2		
Naphthalene	0000912	100	10	< 7.9	< 10	< 1.5	< .41	< 1.6	< 1.6	< 2	< 1.6	< 6.2	< 2.5		< 2.5	< 2.5		< 5.0	< 2.5	< 2.5	< 12.5	< 12.5		
n-Butylbenzene	0001045	NSE	NSE	< 5.6	< 4.5	< .68	< .18	< 1.2	< 1.2	< .91	< 1.2	< 1.0	< 0.40		< 0.22	< 0.50		< 1.0	< 0.50	< 0.50	< 2.5	< 2.5		
p-Isopropyltoluene	0000998	NSE	NSE	< 4.1	< 4.8	< .54	< .19	< 1	< 1	< .95	< 1	< 0.99	< 0.40		< 0.13	< 0.50		< 1.0	< 0.50	< 0.50	< 2.5	< 2.5		
Styrene	0001004	100	10	< 5	< 4.3	< .55	< .17	< .97	< .97	< .86	< .97	< 0.87	< 0.35		< 0.15	< 0.50		< 1.0	< 0.50	< 0.50	< 2.5	< 2.5		
Tetrachloroethene	0001271	5	0.5	< 3	< 5.2	< .9	< .21	< .73	< .73	< 1	< .73	< 1.2	< 0.47		< 0.50	< 0.50		< 1.0	< 0.50	< 0.50	< 2.5	< 2.5		
Toluene	0001088	800	160	56	53	54	55	31	16	45	49	18.3	0.51		7.8	6.7		3.8	3.8	18.3	24.3	109		
Total TriMthBenzenes	TOTALT	480	96	< 4.8	< 4.5	< .6	< .18	< 1.2	< 1.2	< .91	< 1.2	< 1.4	< .5		< .5	< 1		< 2	< 1	< 1	< 5	< 5		
Total Xylenes	TOTAL X	2000	400	< 4.1	< 6	< .78	< .24	< 1.1	< 1.1	< 1.2	< 1.1	< 1.2	< .5		< .5	< 1.5		< 3	< 1.5	< 1.5	< 7.5	< 7.5		
Trichloroethene	0000790	5	0.5	< 9.3	< 4.2	< .82	.18	< 1.2	< 1.2	< .84	<u>1.4</u>	< 1.1	< 0.36		0.40	< 0.33		< 0.66	< 0.33	< 0.33	< 1.7	< 1.7		
Vinyl Chloride	0000750	0.2	0.02	< 4.2	< 4.6	< .87	.58	< .75	< .75	< .92	< .75	< 0.46	0.27		< 0.18	0.45		< 0.35	< 0.18	0.52	< 0.88	1.7		
Xylene - M & P	1796012	2000	400	< 7	< 8.4	< 1.1	< .33	< 2.3	< 2.3	< 1.7	< 2.3	< 2.0	< 0.82		< 1.0	< 1.0		< 2.0	< 1.0	< 1.0	< 5.0	< 5.0		
Xylene - O	0000954	2000	400	< 4.1	< 6	< .78	< .24	< 1.1	< 1.1	< 1.2	< 1.1	< 1.2	< 0.50		< 0.50	< 0.50		< 1.0	< 0.50	< 0.50	< 2.5	< 2.5		

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	-P	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	< 1.1	< 1.1	< .44	< 2.2	< .82	< .82	< .22	< .21	< 0.44	< 0.44		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	
1,1,2-Trichloroethane	0000790	5	0.5	< 1.1	< 1.1	< .45	< 2.3	< 1	< 1	.43	< .25	< 0.39	< 0.39		< 0.16	< 0.16		< 0.20	< 0.20	< 0.20	< 2.0	< 0.20	
1,1-Dichloroethane	0000753	850	85	35	18	14	15	12	15	6.7	5.4	6.5	33		50.5	44.1		11.1	11.2	10.3	8.8	5.4	
1,1-Dichloroethene	0000753	7	0.7	< 1	< 1	< .42	< 2.1	< .8	< .8	<u>.84</u>	.61	<u>1.1</u>	< 0.43		< 0.41	< 0.41		< 0.41	< 0.41	< 0.41	< 4.1	< 0.41	
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< 1.4	< 1.4	< .54	< 2.7	< 1	< 1	< .27	< .26	< 0.77	< 0.77		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 21.3	< 2.1	
1,2,4-Trichlorobenzene	0001208	70	14	< 1.6	< 1.6	< .64	< 3.2	< 1.1	< 1.1	< .32	< .28	< 2.5	< 2.5		< 2.2	< 2.2		< 2.2	< 2.2	< 2.2	< 22.1	< 2.2	
1,2-cis-Dichloroethene	0001565	70	7	< 1	< 1	1.2	< 2	< .82	< .82	3	5.3	<u>9.5</u>	1.6		2.7	0.86		0.81	1.1	2.8	< 2.6	< 0.26	
1,2-Dichlorobenzene	0000955	600	60	< .79	< .79	< .32	< 1.6	< .74	< .74	< .16	< .19	< 0.44	< 0.44		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	
1,2-Dichloroethane	0001070	5	0.5	7.3	<u>2.5</u>	<u>2</u>	<u>4.2</u>	<u>1.7</u>	<u>2.1</u>	<u>.64</u>	.32	< 0.48	<u>1.7</u>		<u>2.7</u>	<u>3.0</u>		<u>4.1</u>	6.0	<u>4.3</u>	25.4	<u>0.95</u>	
1,2-Dichloropropane	0000788	5	0.5	<u>1.7</u>	< 1.1	< .43	< 2.2	< .79	< .79	< .22	< .2	< 0.50	<u>0.54</u>		<u>1.0</u>	<u>1.1</u>		<u>1.1</u>	<u>1.0</u>	<u>0.92</u>	10.7	0.40	
1,2-trans-Dichloroethen	0001566	100	20	< 1.3	< 1.3	< .52	< 2.6	< .77	< .77	.82	1.2	1.6	0.69		1.1	1.2		0.87	1.0	1.2	< 2.6	1.4	
1,4-Dichlorobenzene	0001064	75	15	< 1.1	< 1.1	< .44	< 2.2	< .87	< .87	< .22	< .22	< 0.43	< 0.43		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	
124TRIMTHLBENZEN	0000956	480	96	< .91	< .91	< .36	< 1.8	< .94	< .94	< .18	< .24	< 0.57	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	
135TRIMTHLBENZEN	0001086	480	96	< .98	< .98	< .39	< 2	< 1	< 1	< .2	< .25	< 2.5	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	
2-Chlorotoluene	0000954	NSE	NSE	< 1	< 1	< .4	< 2	< 1	< 1	< .2	< .26	< 0.48	< 0.48		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	
Acetone	0000676	9000	1800	< 21	< 21	< 8.3	< 42	< 17	< 17	< 4.2	< 4.2	< 2.6	< 2.6		< 3.0	< 3.0		< 3.0	< 3.0	< 3.0	< 29.5	< 3.0	
Benzene	0000714	5	0.5	< .98	< .98	<u>.7</u>	< 2	< 1	< 1	.2	< .26	< 0.50	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	
Chloroethane	0000750	400	80	38	< 7.6	< 3	25	< 8.2	< 8.2	< 1.5	< 2.1	< 0.44	5.4		10.0	20.7		56.6	37.7	43.7	<u>363</u>	3.5	
Chloroform	0000676	6	0.6	< 1	< 1	< .4	< 2	< .9	< .9	< .2	< .23	< 0.69	< 0.69		< 2.5	< 2.5		< 2.5	< 2.5	< 2.5	< 25.0	< 2.5	
Chloromethane	0000748	30	3	< 1.2	< 1.2	< .47	< 2.3	< .96	< .96	< .23	< .24	< 0.39	< 0.39		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	
Dichlorodifluoromethan	0000757	1000	200	< 1.4	< 1.4	< .58	< 2.9	< .76	< .76	.32	< .19	< 0.40	< 0.40		< 0.16	< 0.20		< 0.22	< 0.22	< 0.22	< 2.2	< 0.22	
Ethylbenzene	0001004	700	140	< 1	< 1	< .41	< 2.1	< .86	< .86	< .21	< .22	< 0.50	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	
Fluorotrichloromethane	0000756	3490	698	< 1.6	< 1.6	< .63	< 3.2	< 1	< 1	< .32	< .25	< 0.48	< 0.48		< 0.17	< 0.17		< 0.18	< 0.18	< 0.18	< 1.8	< 0.18	
Hexachlorobutadiene	0000876	NSE	NSE	< 2.2	< 2.2	< .89	< 4.5	< .9	< .9	< .45	< .23	< 1.3	< 1.3		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 21.1	< 2.1	
Isopropyl Alcohol	0000676	NSE	NSE	< 41	< 41	< 17	< 83	< 25	51	< 8.3	< 6.3	< 40.8	< 40.8		< 24.3	< 24.3		29.9	< 24.3	< 24.3	< 243	< 24.3	
Isopropyl ether	0001082	NSE	NSE	< 1.2	< 1.2	< .49	< 2.5	< .76	< .76	< .25	< .19	< 0.50	< 0.50		0.97	1.1		1.4	1.7	1.4	< 5.0	< 0.50	
Isopropylbenzene	0000988	NSE	NSE	< 1.1	< 1.1	< .43	< 2.2	< .89	< .89	< .22	< .22	< 0.34	< 0.34		< 0.12	< 0.14		< 0.14	< 0.14	< 0.14	< 1.4	< 0.14	
Methyl Ethyl Ketone	0000789	4000	800	< 5	< 5	< 2	< 10	< 4	< 4	< 1	< 1	< 2.7	< 2.7		< 3.0	< 3.0		< 3.0	< 3.0	< 3.0	< 29.8	< 3.0	
Methyl Isobutyl Ketone	0001081	500	50	3.2	< 2.7	< 1.1	< 5.3	< 1.3	< 1.3	< .53	< .31	< 2.3	< 2.3		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 21.4	< 2.1	
Methyl tert-butyl Ether	0016340	60	12	< 1.4	< 1.4	< .57	< 2.8	< .76	< .76	< .28	< .19	< 0.49	< 0.49		< 0.17	< 0.17		< 0.17	< 0.17	< 0.17	< 1.7	< 0.17	
Methylene Chloride	0000750	5	0.5	< 2.4	6.7	< .96	< 4.8	< 1.6	< 1.6	< .48	< .4	< 0.36	< 0.36		< 0.23	0.35		< 0.23	< 0.23	< 0.23	< 2.3	< 0.23	
Naphthalene	0000912	100	10	< 2	< 2	< .81	< 4.1	< 1.3	< 1.3	< .41	< .32	< 2.5	< 2.5		< 2.5	< 2.5		< 2.5	< 2.5	< 2.5	< 25.0	< 2.5	
n-Butylbenzene	0001045	NSE	NSE	< .91	< .91	< .36	< 1.8	< .98	< .98	< .18	< .24	< 0.40	< 0.40		< 0.22	< 0.50		< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	
p-Isopropyltoluene	0000998	NSE	NSE	< .95	< .95	< .38	< 1.9	< .81	< .81	< .19	< .2	< 0.40	< 0.40		< 0.13	< 0.50		< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	
Styrene	0001004	100	10	< .86	< .86	< .34	< 1.7	< .78	< .78	< .17	< .19	< 0.35	< 0.35		< 0.15	< 0.50		< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	
Tetrachloroethene	0001271	5	0.5	< 1	< 1	< .41	< 2.1	< .58	< .58	< .21	< .15	< 0.47	< 0.47		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	
Toluene	0001088	800	160	9.6	< .86	.37	< 1.7	< .92	< .92	< .17	< .23	< 0.44	< 0.44		< 0.50	< 0.50		< 0.50	< 0.50	1.2	7.0	0.71	
Total TriMthBenzenes	TOTALT	480	96	< .91	< .91	< .36	< 1.8	< .94	< .94	< .18	< .24	< .57	< .5		< .5	< 1		< 1	< 1	< 1	< 10	< 1	
Total Xylenes	TOTAL X	2000	400	< 1.2	< 1.2	< .48	< 2.4	< .9	< .9	< .24	< .22	< .5	< .5		< .5	< 1.5		< 1.5	< 1.5	< 1.5	< 15	< 1.5	
Trichloroethene	0000790	5	0.5	<u>2.3</u>	<u>2.4</u>	<u>4.5</u>	<u>2.9</u>	<u>3.4</u>	<u>2.7</u>	9.3	10	11.5	6.1		6.8	<u>3.1</u>		<u>3.1</u>	<u>4.0</u>	< 0.33	< 3.3	<u>0.56</u>	
Vinyl Chloride	0000750	0.2	0.02	< .92	< .92	1.1	< 1.8	.76	< .6	3.5	3	3.4	1.5		1.8	0.97		0.51	0.93	4.2	< 1.8	0.23	
Xylene - M & P	1796012	2000	400	< 1.7	< 1.7	< .67	< 3.3	< 1.8	< 1.8	< .33	< .46	< 0.82	< 0.82		< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 10.0	< 1.0	
Xylene - O	0000954	2000	400	< 1.2	< 1.2	< .48	< 2.4	< .9	< .9	< .24	< .22	< 0.50	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	< .13		< .2		< .21		< .22		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
1,1,2-Trichloroethane	0000790	5	0.5	< .21		< .17		< .25		< .23		< 0.39			< 0.16			< 0.20		< 0.20		< 0.20
1,1-Dichloroethane	0000753	850	85	< .17		< .16		< .19		< .21		< 0.28			< 0.16			< 0.24		< 0.24		< 0.24
1,1-Dichloroethene	0000753	7	0.7	< .22		< .15		< .2		< .21		< 0.43			< 0.41			< 0.41		< 0.41		< 0.41
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .3		< .23		< .26		< .27		< 0.77			< 2.1			< 2.1		< 2.1		< 2.1
1,2,4-Trichlorobenzene	0001208	70	14	< .22		< .3		< .28		< .32		< 2.5			< 2.2			< 2.2		< 2.2		< 2.2
1,2-cis-Dichloroethene	0001565	70	7	< .16		< .12		< .21		< .2		< 0.42			< 0.26			< 0.26		< 0.26		< 0.26
1,2-Dichlorobenzene	0000955	600	60	< .16		< .13		< .19		< .16		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
1,2-Dichloroethane	0001070	5	0.5	< .15		< .22		< .24		< .16		< 0.48			< 0.17			< 0.17		< 0.17		< 0.17
1,2-Dichloropropane	0000788	5	0.5	< .33		< .21		< .2		< .22		< 0.50			< 0.23			< 0.23		< 0.23		< 0.23
1,2-trans-Dichloroethen	0001566	100	20	< .21		< .13		< .19		< .26		< 0.37			< 0.24			< 0.26		< 0.26		< 0.26
1,4-Dichlorobenzene	0001064	75	15	< .3		< .13		< .22		< .22		< 0.43			< 0.50			< 0.50		< 0.50		< 0.50
124TRIMTHLBENZEN	0000956	480	96	< .19		< .12		< .24		< .18		< 0.57			< 0.50			< 0.50		< 0.50		< 0.50
135TRIMTHLBENZEN	0001086	480	96	< .19		< .12		< .25		< .2		< 2.5			< 0.50			< 0.50		< 0.50		< 0.50
2-Chlorotoluene	0000954	NSE	NSE	< .19		< .15		< .26		< .2		< 0.48			< 0.50			< 0.50		< 0.50		< 0.50
Acetone	0000676	9000	1800	< 4		5.3		< 4.2		< 4.2		3.4			< 3.0			3.6		3.5		< 3.0
Benzene	0000714	5	0.5	< .24		< .13		< .26		< .2		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Chloroethane	0000750	400	80	< 1.1		< .67		< 2.1		< 1.5		< 0.44			< 0.37			< 0.37		< 0.37		0.88
Chloroform	0000676	6	0.6	< .13		< .13		< .23		< .2		< 0.69			< 2.5			< 2.5		< 2.5		< 2.5
Chloromethane	0000748	30	3	< .23		< .28		< .24		< .23		< 0.39			< 0.50			< 0.50		< 0.50		< 0.50
Dichlorodifluoromethan	0000757	1000	200	< .25		< .13		< .19		< .29		< 0.40			< 0.16			< 0.22		< 0.22		< 0.22
Ethylbenzene	0001004	700	140	< .15		< .12		< .22		< .21		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Fluorotrichloromethane	0000756	3490	698	< .21		< .11		< .25		< .32		< 0.48			< 0.17			< 0.18		< 0.18		< 0.18
Hexachlorobutadiene	0000876	NSE	NSE	< .25		< .36		< .23		< .45		< 1.3			< 2.1			< 2.1		< 2.1		< 2.1
Isopropyl Alcohol	0000676	NSE	NSE	< 10		< 14		42		< 8.3		< 40.8			< 24.3			< 24.3		< 24.3		< 24.3
Isopropyl ether	0001082	NSE	NSE	< .16		< .2		< .19		< .25		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Isopropylbenzene	0000988	NSE	NSE	< .18		< .1		< .22		< .22		< 0.34			< 0.12			< 0.14		< 0.14		< 0.14
Methyl Ethyl Ketone	0000789	4000	800	< .5		< 1		< 1		< 1		< 2.7			< 3.0			< 3.0		< 3.0		< 3.0
Methyl Isobutyl Ketone	0001081	500	50	< .37		< .64		< .31		< .53		< 2.3			< 2.1			< 2.1		< 2.1		< 2.1
Methyl tert-butyl Ether	0016340	60	12	< .19		< .13		< .19		< .28		< 0.49			< 0.17			< 0.17		< 0.17		< 0.17
Methylene Chloride	0000750	5	0.5	< .22		< .27		< .4		< .48		< 0.36			< 0.23			< 0.23		< 0.23		< 0.23
Naphthalene	0000912	100	10	< .32		< .31		< .32		< .41		< 2.5			< 2.5			< 2.5		< 2.5		< 2.5
n-Butylbenzene	0001045	NSE	NSE	< .23		< .14		< .24		< .18		< 0.40			< 0.22			< 0.50		< 0.50		< 0.50
p-Isopropyltoluene	0000998	NSE	NSE	< .16		< .11		< .2		< .19		< 0.40			< 0.13			< 0.50		< 0.50		< 0.50
Styrene	0001004	100	10	< .2		< .11		< .19		< .17		< 0.35			< 0.15			< 0.50		< 0.50		< 0.50
Tetrachloroethene	0001271	5	0.5	< .12		< .18		< .15		< .21		< 0.47			< 0.50			< 0.50		< 0.50		< 0.50
Toluene	0001088	800	160	< .18		< .16		< .23		< .17		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
Total TriMthBenzenes	TOTALT	480	96	< .19		< .12		< .24		< .18		< .57			< .5			< 1		< 1		< 1
Total Xylenes	TOTAL X	2000	400	< .17		< .16		< .22		< .24		< .5			< .5			< 1.5		< 1.5		< 1.5
Trichloroethene	0000790	5	0.5	< .37		< .16		< .25		< .17		< 0.43			< 0.33			< 0.33		< 0.33		< 0.33
Vinyl Chloride	0000750	0.2	0.02	< .17		< .17		< .15		< .18		< 0.18			< 0.18			< 0.18		< 0.18		< 0.18
Xylene - M & P	1796012	2000	400	< .28		< .22		< .46		< .33		< 0.82			< 1.0			< 1.0		< 1.0		< 1.0
Xylene - O	0000954	2000	400	< .17		< .16		< .22		< .24		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	< .22		< .22		< .21		< .22		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
1,1,2-Trichloroethane	0000790	5	0.5	< .23		< .23		< .25		< .23		< 0.39			< 0.16			< 0.20		< 0.20		< 0.20
1,1-Dichloroethane	0000753	850	85	< .21		< .21		< .19		< .21		< 0.28			< 0.16			< 0.24		< 0.24		< 0.24
1,1-Dichloroethene	0000753	7	0.7	< .21		< .21		< .2		< .21		< 0.43			< 0.41			< 0.41		< 0.41		< 0.41
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .27		< .27		< .26		< .27		< 0.77			< 2.1			< 2.1		< 2.1		< 2.1
1,2,4-Trichlorobenzene	0001208	70	14	< .32		< .32		< .28		< .32		< 2.5			< 2.2			< 2.2		< 2.2		< 2.2
1,2-cis-Dichloroethene	0001565	70	7	< .2		< .2		< .21		< .2		< 0.42			< 0.26			< 0.26		< 0.26		< 0.26
1,2-Dichlorobenzene	0000955	600	60	< .16		< .16		< .19		< .16		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
1,2-Dichloroethane	0001070	5	0.5	< .16		< .16		< .24		< .16		< 0.48			< 0.17			< 0.17		< 0.17		< 0.17
1,2-Dichloropropane	0000788	5	0.5	< .22		< .22		< .2		< .22		< 0.50			< 0.23			< 0.23		< 0.23		< 0.23
1,2-trans-Dichloroethen	0001566	100	20	< .26		< .26		< .19		< .26		< 0.37			< 0.24			< 0.26		< 0.26		< 0.26
1,4-Dichlorobenzene	0001064	75	15	< .22		< .22		< .22		< .22		< 0.43			< 0.50			< 0.50		< 0.50		< 0.50
124TRIMTHLBENZEN	0000956	480	96	< .18		< .18		< .24		< .18		< 0.57			< 0.50			< 0.50		< 0.50		< 0.50
135TRIMTHLBENZEN	0001086	480	96	< .2		< .2		< .25		< .2		< 2.5			< 0.50			< 0.50		< 0.50		< 0.50
2-Chlorotoluene	0000954	NSE	NSE	< .2		< .2		< .26		< .2		< 0.48			< 0.50			< 0.50		< 0.50		< 0.50
Acetone	0000676	9000	1800	< 4.2		< 4.2		< 4.2		5		< 2.6			3.1			< 3.0		< 3.0		< 3.0
Benzene	0000714	5	0.5	< .2		< .2		< .26		< .2		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Chloroethane	0000750	400	80	< 1.5		< 1.5		< 2.1		< 1.5		< 0.44			< 0.37			< 0.37		< 0.37		< 0.37
Chloroform	0000676	6	0.6	< .2		< .2		< .23		< .2		< 0.69			< 2.5			< 2.5		< 2.5		< 2.5
Chloromethane	0000748	30	3	< .23		< .23		< .24		< .23		< 0.39			< 0.50			< 0.50		< 0.50		< 0.50
Dichlorodifluoromethan	0000757	1000	200	< .29		< .29		< .19		< .29		< 0.40			< 0.16			< 0.22		< 0.22		0.25
Ethylbenzene	0001004	700	140	< .21		< .21		< .22		< .21		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Fluorotrichloromethane	0000756	3490	698	< .32		< .32		< .25		< .32		< 0.48			< 0.17			< 0.18		< 0.18		< 0.18
Hexachlorobutadiene	0000876	NSE	NSE	< .45		< .45		< .23		< .45		< 1.3			< 2.1			< 2.1		< 2.1		< 2.1
Isopropyl Alcohol	0000676	NSE	NSE	< 8.3		< 8.3		44		10		< 40.8			61.6			< 24.3		< 24.3		< 24.3
Isopropyl ether	0001082	NSE	NSE	< .25		< .25		< .19		< .25		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Isopropylbenzene	0000988	NSE	NSE	< .22		< .22		< .22		< .22		< 0.34			< 0.12			< 0.14		< 0.14		< 0.14
Methyl Ethyl Ketone	0000789	4000	800	< 1		< 1		< 1		< 1		< 2.7			< 3.0			< 3.0		< 3.0		< 3.0
Methyl Isobutyl Ketone	0001081	500	50	< .53		< .53		< .31		< .53		< 2.3			< 2.1			< 2.1		< 2.1		< 2.1
Methyl tert-butyl Ether	0016340	60	12	< .28		< .28		< .19		< .28		< 0.49			< 0.17			< 0.17		< 0.17		< 0.17
Methylene Chloride	0000750	5	0.5	< .48		< .48		< .4		< .48		< 0.36			< 0.23			< 0.23		< 0.23		< 0.23
Naphthalene	0000912	100	10	< .41		< .41		< .32		< .41		< 2.5			< 2.5			< 2.5		< 2.5		< 2.5
n-Butylbenzene	0001045	NSE	NSE	< .18		< .18		< .24		< .18		< 0.40			< 0.22			< 0.50		< 0.50		< 0.50
p-Isopropyltoluene	0000998	NSE	NSE	< .19		< .19		< .2		< .19		< 0.40			< 0.13			< 0.50		< 0.50		< 0.50
Styrene	0001004	100	10	< .17		< .17		< .19		< .17		< 0.35			< 0.15			< 0.50		< 0.50		< 0.50
Tetrachloroethene	0001271	5	0.5	< .21		< .21		< .15		< .21		< 0.47			< 0.50			< 0.50		< 0.50		< 0.50
Toluene	0001088	800	160	< .17		< .17		< .23		< .17		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
Total TriMthBenzenes	TOTALT	480	96	< .18		< .18		< .24		< .18		< .57			< .5			< 1		< 1		< 1
Total Xylenes	TOTAL X	2000	400	< .24		< .24		< .22		< .24		< .5			< .5			< 1.5		< 1.5		< 1.5
Trichloroethene	0000790	5	0.5	< .17		< .17		< .25		< .17		< 0.43			< 0.33			< 0.33		< 0.33		< 0.33
Vinyl Chloride	0000750	0.2	0.02	< .18		< .18		< .15		< .18		< 0.18			< 0.18			< 0.18		< 0.18		< 0.18
Xylene - M & P	1796012	2000	400	< .33		< .33		< .46		< .33		< 0.82			< 1.0			< 1.0		< 1.0		< 1.0
Xylene - O	0000954	2000	400	< .24		< .24		< .22		< .24		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	< .22		< .22		< .21		< .22		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
1,1,2-Trichloroethane	0000790	5	0.5	< .23		< .23		< .25		< .23		< 0.39			< 0.16			< 0.20		< 0.20		< 0.20
1,1-Dichloroethane	0000753	850	85	< .21		< .21		< .19		< .21		< 0.28			< 0.16			< 0.24		< 0.24		< 0.24
1,1-Dichloroethene	0000753	7	0.7	< .21		< .21		< .2		< .21		< 0.43			< 0.41			< 0.41		< 0.41		< 0.41
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .27		< .27		< .26		< .27		< 0.77			< 2.1			< 2.1		< 2.1		< 2.1
1,2,4-Trichlorobenzene	0001208	70	14	< .32		< .32		< .28		< .32		< 2.5			< 2.2			< 2.2		< 2.2		< 2.2
1,2-cis-Dichloroethene	0001565	70	7	< .2		< .2		< .21		< .2		< 0.42			< 0.26			< 0.26		< 0.26		< 0.26
1,2-Dichlorobenzene	0000955	600	60	< .16		< .16		< .19		< .16		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
1,2-Dichloroethane	0001070	5	0.5	< .16		< .16		< .24		< .16		< 0.48			< 0.17			< 0.17		< 0.17		< 0.17
1,2-Dichloropropane	0000788	5	0.5	< .22		< .22		< .2		< .22		< 0.50			< 0.23			< 0.23		< 0.23		< 0.23
1,2-trans-Dichloroethen	0001566	100	20	< .26		< .26		< .19		< .26		< 0.37			< 0.24			< 0.26		< 0.26		< 0.26
1,4-Dichlorobenzene	0001064	75	15	< .22		< .22		< .22		< .22		< 0.43			< 0.50			< 0.50		< 0.50		< 0.50
124TRIMTHLBENZEN	0000956	480	96	< .18		< .18		< .24		< .18		< 0.57			< 0.50			< 0.50		< 0.50		< 0.50
135TRIMTHLBENZEN	0001086	480	96	< .2		< .2		< .25		< .2		< 2.5			< 0.50			< 0.50		< 0.50		< 0.50
2-Chlorotoluene	0000954	NSE	NSE	< .2		< .2		< .26		< .2		< 0.48			< 0.50			< 0.50		< 0.50		< 0.50
Acetone	0000676	9000	1800	< 4.2		< 4.2		< 4.2		9		< 2.6			< 3.0			< 3.0		< 3.0		< 3.0
Benzene	0000714	5	0.5	< .2		< .2		< .26		< .2		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Chloroethane	0000750	400	80	< 1.5		< 1.5		< 2.1		< 1.5		< 0.44			< 0.37			< 0.37		< 0.37		< 0.37
Chloroform	0000676	6	0.6	< .2		< .2		< .23		< .2		< 0.69			< 2.5			< 2.5		< 2.5		< 2.5
Chloromethane	0000748	30	3	< .23		< .23		< .24		< .23		< 0.39			< 0.50			< 0.50		< 0.50		< 0.50
Dichlorodifluoromethan	0000757	1000	200	< .29		< .29		< .19		< .29		< 0.40			< 0.16			< 0.22		< 0.22		< 0.22
Ethylbenzene	0001004	700	140	< .21		< .21		< .22		< .21		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Fluorotrichloromethane	0000756	3490	698	< .32		< .32		< .25		< .32		< 0.48			< 0.17			< 0.18		< 0.18		< 0.18
Hexachlorobutadiene	0000876	NSE	NSE	< .45		< .45		< .23		< .45		< 1.3			< 2.1			< 2.1		< 2.1		< 2.1
Isopropyl Alcohol	0000676	NSE	NSE	< 8.3		< 8.3		18		15		< 40.8			30.0			< 24.3		< 24.3		< 24.3
Isopropyl ether	0001082	NSE	NSE	< .25		< .25		< .19		< .25		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Isopropylbenzene	0000988	NSE	NSE	< .22		< .22		< .22		< .22		< 0.34			< 0.12			< 0.14		< 0.14		< 0.14
Methyl Ethyl Ketone	0000789	4000	800	< 1		< 1		< 1		< 1		< 2.7			< 3.0			< 3.0		< 3.0		< 3.0
Methyl Isobutyl Ketone	0001081	500	50	< .53		< .53		< .31		< .53		< 2.3			< 2.1			< 2.1		< 2.1		< 2.1
Methyl tert-butyl Ether	0016340	60	12	< .28		< .28		< .19		< .28		< 0.49			< 0.17			< 0.17		< 0.17		< 0.17
Methylene Chloride	0000750	5	0.5	< .48		< .48		< .4		< .48		< 0.36			< 0.23			< 0.23		< 0.23		< 0.23
Naphthalene	0000912	100	10	< .41		< .41		< .32		< .41		< 2.5			< 2.5			< 2.5		< 2.5		< 2.5
n-Butylbenzene	0001045	NSE	NSE	< .18		< .18		< .24		< .18		< 0.40			< 0.22			< 0.50		< 0.50		< 0.50
p-Isopropyltoluene	0000998	NSE	NSE	< .19		< .19		< .2		< .19		< 0.40			< 0.13			< 0.50		< 0.50		< 0.50
Styrene	0001004	100	10	< .17		< .17		< .19		< .17		< 0.35			< 0.15			< 0.50		< 0.50		< 0.50
Tetrachloroethene	0001271	5	0.5	< .21		< .21		< .15		< .21		< 0.47			< 0.50			< 0.50		< 0.50		< 0.50
Toluene	0001088	800	160	< .17		3.1		< .23		< .17		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
Total TriMthBenzenes	TOTALT	480	96	< .18		< .18		< .24		< .18		< .57			< .5			< 1		< 1		< 1
Total Xylenes	TOTAL X	2000	400	< .24		< .24		< .22		< .24		< .5			< .5			< 1.5		< 1.5		< 1.5
Trichloroethene	0000790	5	0.5	< .17		.19		< .25		< .17		< 0.43			< 0.33			< 0.33		< 0.33		< 0.33
Vinyl Chloride	0000750	0.2	0.02	< .18		< .18		< .15		< .18		< 0.18			< 0.18			< 0.18		< 0.18		< 0.18
Xylene - M & P	1796012	2000	400	< .33		< .33		< .46		< .33		< 0.82			< 1.0			< 1.0		< 1.0		< 1.0
Xylene - O	0000954	2000	400	< .24		< .24		< .22		< .24		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	< .13		< .2		< .21		< .22		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
1,1,2-Trichloroethane	0000790	5	0.5	< .21		< .17		< .25		< .23		< 0.39			< 0.16			< 0.20		< 0.20		< 0.20
1,1-Dichloroethane	0000753	850	85	< .17		< .16		< .19		< .21		< 0.28			< 0.16			< 0.24		< 0.24		< 0.24
1,1-Dichloroethene	0000753	7	0.7	< .22		< .15		< .2		< .21		< 0.43			< 0.41			< 0.41		< 0.41		< 0.41
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .3		< .23		< .26		< .27		< 0.77			< 2.1			< 2.1		< 2.1		< 2.1
1,2,4-Trichlorobenzene	0001208	70	14	< .22		< .3		< .28		< .32		< 2.5			< 2.2			< 2.2		< 2.2		< 2.2
1,2-cis-Dichloroethene	0001565	70	7	< .16		< .12		< .21		< .2		< 0.42			< 0.26			< 0.26		< 0.26		< 0.26
1,2-Dichlorobenzene	0000955	600	60	< .16		< .13		< .19		< .16		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
1,2-Dichloroethane	0001070	5	0.5	< .15		< .22		< .24		< .16		< 0.48			< 0.17			< 0.17		< 0.17		< 0.17
1,2-Dichloropropane	0000788	5	0.5	< .33		< .21		< .2		< .22		< 0.50			< 0.23			< 0.23		< 0.23		< 0.23
1,2-trans-Dichloroethen	0001566	100	20	< .21		< .13		< .19		< .26		< 0.37			< 0.24			< 0.26		< 0.26		< 0.26
1,4-Dichlorobenzene	0001064	75	15	< .3		< .13		< .22		< .22		< 0.43			< 0.50			< 0.50		< 0.50		< 0.50
124TRIMTHLBENZEN	0000956	480	96	< .19		< .12		< .24		< .18		< 0.57			< 0.50			< 0.50		< 0.50		< 0.50
135TRIMTHLBENZEN	0001086	480	96	< .19		< .12		< .25		< .2		< 2.5			< 0.50			< 0.50		< 0.50		< 0.50
2-Chlorotoluene	0000954	NSE	NSE	< .19		< .15		< .26		< .2		< 0.48			< 0.50			< 0.50		< 0.50		< 0.50
Acetone	0000676	9000	1800	< 4		8.5		< 4.2		6		< 2.6			< 3.0			11.4		< 3.0		< 3.0
Benzene	0000714	5	0.5	< .24		< .13		< .26		< .2		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Chloroethane	0000750	400	80	< 1.1		< .67		< 2.1		< 1.5		< 0.44			< 0.37			< 0.37		< 0.37		< 0.37
Chloroform	0000676	6	0.6	< .13		< .13		< .23		< .2		< 0.69			< 2.5			< 2.5		< 2.5		< 2.5
Chloromethane	0000748	30	3	< .23		.89		< .24		< .23		< 0.39			< 0.50			< 0.50		< 0.50		< 0.50
Dichlorodifluoromethan	0000757	1000	200	< .25		< .13		< .19		< .29		< 0.40			< 0.16			< 0.22		< 0.22		< 0.22
Ethylbenzene	0001004	700	140	< .15		< .12		< .22		< .21		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Fluorotrichloromethane	0000756	3490	698	< .21		< .11		< .25		< .32		< 0.48			< 0.17			< 0.18		< 0.18		< 0.18
Hexachlorobutadiene	0000876	NSE	NSE	< .25		< .36		< .23		< .45		< 1.3			< 2.1			< 2.1		< 2.1		< 2.1
Isopropyl Alcohol	0000676	NSE	NSE	< 10		< 14		< 6.3		20		< 40.8			< 24.3			258		< 24.3		< 24.3
Isopropyl ether	0001082	NSE	NSE	< .16		< .2		< .19		< .25		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Isopropylbenzene	0000988	NSE	NSE	< .18		< .1		< .22		< .22		< 0.34			< 0.12			< 0.14		< 0.14		< 0.14
Methyl Ethyl Ketone	0000789	4000	800	< .5		< 1		< 1		< 1		< 2.7			< 3.0			< 3.0		< 3.0		< 3.0
Methyl Isobutyl Ketone	0001081	500	50	< .37		< .64		< .31		< .53		< 2.3			< 2.1			< 2.1		< 2.1		< 2.1
Methyl tert-butyl Ether	0016340	60	12	< .19		< .13		< .19		< .28		< 0.49			< 0.17			< 0.17		< 0.17		< 0.17
Methylene Chloride	0000750	5	0.5	< .22		< .27		< .4		< .48		< 0.36			< 0.23			< 0.23		< 0.23		< 0.23
Naphthalene	0000912	100	10	< .32		< .31		< .32		< .41		< 2.5			< 2.5			< 2.5		< 2.5		< 2.5
n-Butylbenzene	0001045	NSE	NSE	< .23		< .14		< .24		< .18		< 0.40			< 0.22			< 0.50		< 0.50		< 0.50
p-Isopropyltoluene	0000998	NSE	NSE	< .16		< .11		< .2		< .19		< 0.40			< 0.13			< 0.50		< 0.50		< 0.50
Styrene	0001004	100	10	< .2		< .11		< .19		< .17		< 0.35			< 0.15			< 0.50		< 0.50		< 0.50
Tetrachloroethene	0001271	5	0.5	< .12		< .18		< .15		< .21		< 0.47			< 0.50			< 0.50		< 0.50		< 0.50
Toluene	0001088	800	160	< .18		< .16		< .23		< .17		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
Total TriMthBenzenes	TOTALT	480	96	< .19		< .12		< .24		< .18		< .57			< .5			< 1		< 1		< 1
Total Xylenes	TOTAL X	2000	400	< .17		< .16		< .22		< .24		< .5			< .5			< 1.5		< 1.5		< 1.5
Trichloroethene	0000790	5	0.5	< .37		< .16		< .25		< .17		< 0.43			< 0.33			< 0.33		< 0.33		< 0.33
Vinyl Chloride	0000750	0.2	0.02	< .17		< .17		< .15		< .18		< 0.18			< 0.18			< 0.18		< 0.18		< 0.18
Xylene - M & P	1796012	2000	400	< .28		< .22		< .46		< .33		< 0.82			< 1.0			< 1.0		< 1.0		< 1.0
Xylene - O	0000954	2000	400	< .17		< .16		< .22		< .24		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	< .13		< .2		< .21		< .22		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
1,1,2-Trichloroethane	0000790	5	0.5	< .21		< .17		< .25		< .23		< 0.39			< 0.16			< 0.20		< 0.20		< 0.20
1,1-Dichloroethane	0000753	850	85	< .17		< .16		< .19		< .21		< 0.28			< 0.16			< 0.24		< 0.24		< 0.24
1,1-Dichloroethene	0000753	7	0.7	< .22		< .15		< .2		< .21		< 0.43			< 0.41			< 0.41		< 0.41		< 0.41
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .3		< .23		< .26		< .27		< 0.77			< 2.1			< 2.1		< 2.1		< 2.1
1,2,4-Trichlorobenzene	0001208	70	14	< .22		< .3		< .28		< .32		< 2.5			< 2.2			< 2.2		< 2.2		< 2.2
1,2-cis-Dichloroethene	0001565	70	7	< .16		< .12		< .21		< .2		< 0.42			< 0.26			< 0.26		< 0.26		0.68
1,2-Dichlorobenzene	0000955	600	60	< .16		< .13		< .19		< .16		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
1,2-Dichloroethane	0001070	5	0.5	< .15		< .22		< .24		< .16		< 0.48			< 0.17			< 0.17		< 0.17		< 0.17
1,2-Dichloropropane	0000788	5	0.5	< .33		< .21		< .2		< .22		< 0.50			< 0.23			< 0.23		< 0.23		< 0.23
1,2-trans-Dichloroethen	0001566	100	20	< .21		< .13		< .19		< .26		< 0.37			< 0.24			< 0.26		< 0.26		< 0.26
1,4-Dichlorobenzene	0001064	75	15	< .3		< .13		< .22		< .22		< 0.43			< 0.50			< 0.50		< 0.50		< 0.50
124TRIMTHLBENZEN	0000956	480	96	< .19		< .12		< .24		< .18		< 0.57			< 0.50			< 0.50		< 0.50		< 0.50
135TRIMTHLBENZEN	0001086	480	96	< .19		< .12		< .25		< .2		< 2.5			< 0.50			< 0.50		< 0.50		< 0.50
2-Chlorotoluene	0000954	NSE	NSE	< .19		< .15		< .26		< .2		< 0.48			< 0.50			< 0.50		< 0.50		< 0.50
Acetone	0000676	9000	1800	5		5.1		< 4.2		< 4.2		< 2.6			< 3.0			< 3.0		< 3.0		< 3.0
Benzene	0000714	5	0.5	< .24		< .13		< .26		< .2		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Chloroethane	0000750	400	80	< 1.1		< .67		< 2.1		< 1.5		< 0.44			< 0.37			< 0.37		< 0.37		< 0.37
Chloroform	0000676	6	0.6	< .13		< .13		< .23		< .2		< 0.69			< 2.5			< 2.5		< 2.5		< 2.5
Chloromethane	0000748	30	3	< .23		< .28		< .24		< .23		< 0.39			< 0.50			< 0.50		< 0.50		< 0.50
Dichlorodifluoromethan	0000757	1000	200	< .25		< .13		< .19		< .29		< 0.40			< 0.16			< 0.22		< 0.22		< 0.22
Ethylbenzene	0001004	700	140	< .15		< .12		< .22		< .21		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Fluorotrichloromethane	0000756	3490	698	< .21		< .11		< .25		< .32		< 0.48			< 0.17			< 0.18		< 0.18		< 0.18
Hexachlorobutadiene	0000876	NSE	NSE	< .25		< .36		< .23		< .45		< 1.3			< 2.1			< 2.1		< 2.1		< 2.1
Isopropyl Alcohol	0000676	NSE	NSE	15		< 14		32		15		< 40.8			< 24.3			< 24.3		< 24.3		< 24.3
Isopropyl ether	0001082	NSE	NSE	< .16		< .2		< .19		< .25		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Isopropylbenzene	0000988	NSE	NSE	< .18		< .1		< .22		< .22		< 0.34			< 0.12			< 0.14		< 0.14		< 0.14
Methyl Ethyl Ketone	0000789	4000	800	1.5		< 1		< 1		< 1		< 2.7			< 3.0			< 3.0		< 3.0		< 3.0
Methyl Isobutyl Ketone	0001081	500	50	< .37		< .64		< .31		< .53		< 2.3			< 2.1			< 2.1		< 2.1		< 2.1
Methyl tert-butyl Ether	0016340	60	12	< .19		< .13		< .19		< .28		< 0.49			< 0.17			< 0.17		< 0.17		< 0.17
Methylene Chloride	0000750	5	0.5	< .22		< .27		< .4		< .48		< 0.36			< 0.23			< 0.23		< 0.23		< 0.23
Naphthalene	0000912	100	10	< .32		< .31		< .32		< .41		< 2.5			< 2.5			< 2.5		< 2.5		< 2.5
n-Butylbenzene	0001045	NSE	NSE	< .23		< .14		< .24		< .18		< 0.40			< 0.22			< 0.50		< 0.50		< 0.50
p-Isopropyltoluene	0000998	NSE	NSE	< .16		< .11		< .2		< .19		< 0.40			< 0.13			< 0.50		< 0.50		< 0.50
Styrene	0001004	100	10	< .2		< .11		< .19		< .17		< 0.35			< 0.15			< 0.50		< 0.50		< 0.50
Tetrachloroethene	0001271	5	0.5	< .12		< .18		< .15		< .21		< 0.47			< 0.50			< 0.50		< 0.50		< 0.50
Toluene	0001088	800	160	< .18		.21		< .23		< .17		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
Total TriMthBenzenes	TOTALT	480	96	< .19		< .12		< .24		< .18		< .57			< .5			< 1		< 1		< 1
Total Xylenes	TOTAL X	2000	400	< .17		< .16		< .22		< .24		< .5			< .5			< 1.5		< 1.5		< 1.5
Trichloroethene	0000790	5	0.5	< .37		< .16		< .25		< .17		< 0.43			< 0.33			< 0.33		< 0.33		< 0.33
Vinyl Chloride	0000750	0.2	0.02	< .17		< .17		< .15		< .18		< 0.18			< 0.18			< 0.18		< 0.18		< 0.18
Xylene - M & P	1796012	2000	400	< .28		< .22		< .46		< .33		< 0.82			< 1.0			< 1.0		< 1.0		< 1.0
Xylene - O	0000954	2000	400	< .17		< .16		< .22		< .24		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	< .13		< .2		< .21		< .22		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
1,1,2-Trichloroethane	0000790	5	0.5	< .21		< .17		< .25		< .23		< 0.39			< 0.16			< 0.20		< 0.20		< 0.20
1,1-Dichloroethane	0000753	850	85	< .17		< .16		< .19		< .21		< 0.28			< 0.16			< 0.24		< 0.24		< 0.24
1,1-Dichloroethene	0000753	7	0.7	< .22		< .15		< .2		< .21		< 0.43			< 0.41			< 0.41		< 0.41		< 0.41
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .3		< .23		< .26		< .27		< 0.77			< 2.1			< 2.1		< 2.1		< 2.1
1,2,4-Trichlorobenzene	0001208	70	14	< .22		< .3		< .28		< .32		< 2.5			< 2.2			< 2.2		< 2.2		< 2.2
1,2-cis-Dichloroethene	0001565	70	7	< .16		< .12		< .21		< .2		< 0.42			< 0.26			< 0.26		< 0.26		0.27
1,2-Dichlorobenzene	0000955	600	60	< .16		< .13		< .19		< .16		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
1,2-Dichloroethane	0001070	5	0.5	< .15		< .22		< .24		< .16		< 0.48			< 0.17			< 0.17		< 0.17		< 0.17
1,2-Dichloropropane	0000788	5	0.5	< .33		< .21		< .2		< .22		< 0.50			< 0.23			< 0.23		< 0.23		< 0.23
1,2-trans-Dichloroethen	0001566	100	20	< .21		< .13		.47		< .26		< 0.37			< 0.24			< 0.26		< 0.26		< 0.26
1,4-Dichlorobenzene	0001064	75	15	< .3		< .13		< .22		< .22		< 0.43			< 0.50			< 0.50		< 0.50		< 0.50
124TRIMTHLBENZEN	0000956	480	96	< .19		< .12		< .24		< .18		< 0.57			< 0.50			< 0.50		< 0.50		< 0.50
135TRIMTHLBENZEN	0001086	480	96	< .19		< .12		< .25		< .2		< 2.5			< 0.50			< 0.50		< 0.50		< 0.50
2-Chlorotoluene	0000954	NSE	NSE	< .19		< .15		< .26		< .2		< 0.48			< 0.50			< 0.50		< 0.50		< 0.50
Acetone	0000676	9000	1800	< 4		< 4		6.5		< 4.2		< 2.6			< 3.0			< 3.0		< 3.0		< 3.0
Benzene	0000714	5	0.5	< .24		< .13		< .26		< .2		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Chloroethane	0000750	400	80	< 1.1		< .67		< 2.1		< 1.5		< 0.44			< 0.37			< 0.37		< 0.37		< 0.37
Chloroform	0000676	6	0.6	< .13		< .13		< .23		< .2		< 0.69			< 2.5			< 2.5		< 2.5		< 2.5
Chloromethane	0000748	30	3	< .23		< .28		< .24		< .23		< 0.39			< 0.50			< 0.50		< 0.50		< 0.50
Dichlorodifluoromethan	0000757	1000	200	< .25		< .13		< .19		< .29		< 0.40			< 0.16			< 0.22		< 0.22		< 0.22
Ethylbenzene	0001004	700	140	< .15		< .12		< .22		< .21		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Fluorotrichloromethane	0000756	3490	698	< .21		< .11		< .25		< .32		< 0.48			< 0.17			< 0.18		< 0.18		< 0.18
Hexachlorobutadiene	0000876	NSE	NSE	< .25		< .36		< .23		< .45		< 1.3			< 2.1			< 2.1		< 2.1		< 2.1
Isopropyl Alcohol	0000676	NSE	NSE	< 10		< 14		11		14		< 40.8			< 24.3			64.4		< 24.3		< 24.3
Isopropyl ether	0001082	NSE	NSE	< .16		< .2		< .19		< .25		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Isopropylbenzene	0000988	NSE	NSE	< .18		< .1		< .22		< .22		< 0.34			< 0.12			< 0.14		< 0.14		< 0.14
Methyl Ethyl Ketone	0000789	4000	800	.62		< 1		< 1		< 1		< 2.7			< 3.0			< 3.0		< 3.0		< 3.0
Methyl Isobutyl Ketone	0001081	500	50	< .37		< .64		< .31		< .53		< 2.3			< 2.1			< 2.1		< 2.1		< 2.1
Methyl tert-butyl Ether	0016340	60	12	< .19		< .13		< .19		< .28		< 0.49			< 0.17			< 0.17		< 0.17		< 0.17
Methylene Chloride	0000750	5	0.5	< .22		< .27		< .4		< .48		< 0.36			< 0.23			< 0.23		< 0.23		< 0.23
Naphthalene	0000912	100	10	< .32		< .31		< .32		< .41		< 2.5			< 2.5			< 2.5		< 2.5		< 2.5
n-Butylbenzene	0001045	NSE	NSE	< .23		< .14		< .24		< .18		< 0.40			< 0.22			< 0.50		< 0.50		< 0.50
p-Isopropyltoluene	0000998	NSE	NSE	< .16		< .11		< .2		< .19		< 0.40			< 0.13			< 0.50		< 0.50		< 0.50
Styrene	0001004	100	10	< .2		< .11		< .19		< .17		< 0.35			< 0.15			< 0.50		< 0.50		< 0.50
Tetrachloroethene	0001271	5	0.5	< .12		< .18		< .15		< .21		< 0.47			< 0.50			< 0.50		< 0.50		< 0.50
Toluene	0001088	800	160	< .18		< .16		< .23		< .17		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
Total TriMthBenzenes	TOTALT	480	96	< .19		< .12		< .24		< .18		< .57			< .5			< 1		< 1		< 1
Total Xylenes	TOTAL X	2000	400	< .17		< .16		< .22		< .24		< .5			< .5			< 1.5		< 1.5		< 1.5
Trichloroethene	0000790	5	0.5	< .37		< .16		< .25		< .17		< 0.43			< 0.33			< 0.33		< 0.33		< 0.33
Vinyl Chloride	0000750	0.2	0.02	< .17		< .17		< .15		< .18		< 0.18			< 0.18			< 0.18		< 0.18		< 0.18
Xylene - M & P	1796012	2000	400	< .28		< .22		< .46		< .33		< 0.82			< 1.0			< 1.0		< 1.0		< 1.0
Xylene - O	0000954	2000	400	< .17		< .16		< .22		< .24		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	-P	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40			< .22	< .22	< .21	< .21	< .22	< .21	< 0.44	< 0.44	< 0.44	< 0.50				< 0.50		< 0.50		< 0.50
1,1,2-Trichloroethane	0000790	5	0.5			< .23	< .23	< .25	< .25	< .23	< .25	< 0.39	< 0.39	< 0.39	< 0.16				< 0.20		< 0.20		< 0.20
1,1-Dichloroethane	0000753	850	85			1.2	1.5	1.8	1.2	1.1	1.1	0.97	0.66	1.3	0.95				0.74		0.76		< 0.24
1,1-Dichloroethene	0000753	7	0.7			.46	.47	.54	.44	.55	.3	< 0.43	< 0.43	< 0.43	< 0.41				< 0.41		< 0.41		< 0.41
1,2,3-Trichlorobenzene	0000876	NSE	NSE			< .27	< .27	< .26	< .26	< .27	< .26	< 0.77	< 0.77	< 0.77	< 2.1				< 2.1		< 2.1		< 2.1
1,2,4-Trichlorobenzene	0001208	70	14			< .32	< .32	< .28	< .28	< .32	< .28	< 2.5	< 2.5	< 2.5	< 2.2				< 2.2		< 2.2		< 2.2
1,2-cis-Dichloroethene	0001565	70	7			6.3	6.2	6.5	5.6	5.7	5.1	2.5	1.8	2.3	1.7				2.1		1.2		0.96
1,2-Dichlorobenzene	0000955	600	60			< .16	< .16	< .19	< .19	< .16	< .19	< 0.44	< 0.44	< 0.44	< 0.50				< 0.50		< 0.50		< 0.50
1,2-Dichloroethane	0001070	5	0.5			< .16	< .16	< .24	< .24	< .16	< .24	< 0.48	< 0.48	< 0.48	< 0.17				< 0.17		< 0.17		< 0.17
1,2-Dichloropropane	0000788	5	0.5			< .22	< .22	< .2	< .2	< .22	< .2	< 0.50	< 0.50	< 0.50	< 0.23				< 0.23		< 0.23		< 0.23
1,2-trans-Dichloroethen	0001566	100	20			< .26	< .26	< .19	< .19	< .26	< .19	< 0.37	< 0.37	< 0.37	< 0.24				< 0.26		< 0.26		< 0.26
1,4-Dichlorobenzene	0001064	75	15			< .22	< .22	< .22	< .22	< .22	< .22	< 0.43	< 0.43	< 0.43	< 0.50				< 0.50		< 0.50		< 0.50
124TRIMTHLBENZEN	0000956	480	96			< .18	< .18	< .24	< .24	< .18	< .24	< 0.57	< 0.50	< 0.50	< 0.50				< 0.50		< 0.50		< 0.50
135TRIMTHLBENZEN	0001086	480	96			< .2	< .2	< .25	< .25	< .2	< .25	< 2.5	< 0.50	< 0.50	< 0.50				< 0.50		< 0.50		< 0.50
2-Chlorotoluene	0000954	NSE	NSE			< .2	< .2	< .26	< .26	< .2	< .26	< 0.48	< 0.48	< 0.48	< 0.50				< 0.50		< 0.50		< 0.50
Acetone	0000676	9000	1800			< 4.2	4.3	< 4.2	< 4.2	< 4.2	< 4.2	< 2.6	< 2.6	< 2.6	3.5				< 3.0		< 3.0		< 3.0
Benzene	0000714	5	0.5			< .2	< .2	< .26	< .26	< .2	< .26	< 0.50	< 0.50	< 0.50	< 0.50				< 0.50		< 0.50		< 0.50
Chloroethane	0000750	400	80			< 1.5	< 1.5	< 2.1	< 2.1	< 1.5	< 2.1	0.51	< 0.44	0.79	< 0.37				< 0.37		< 0.37		< 0.37
Chloroform	0000676	6	0.6			<u>2</u>	< .2	< .23	< .23	< .2	< .23	< 0.69	< 0.69	< 0.69	< 2.5				< 2.5		< 2.5		< 2.5
Chloromethane	0000748	30	3			< .23	< .23	< .24	< .24	< .23	< .24	< 0.39	< 0.39	< 0.39	< 0.50				< 0.50		< 0.50		< 0.50
Dichlorodifluoromethan	0000757	1000	200			< .29	5.6	8.2	13	14	9.7	9.3	5	6.6	6.4				6.2		5.2		3.2
Ethylbenzene	0001004	700	140			< .21	< .21	< .22	< .22	< .21	< .22	< 0.50	< 0.50	< 0.50	< 0.50				< 0.50		< 0.50		< 0.50
Fluorotrichloromethane	0000756	3490	698			< .32	< .32	< .25	< .25	< .32	< .25	< 0.48	< 0.48	< 0.48	< 0.17				< 0.18		< 0.18		< 0.18
Hexachlorobutadiene	0000876	NSE	NSE			< .45	< .45	< .23	< .23	< .45	< .23	< 1.3	< 1.3	< 1.3	< 2.1				< 2.1		< 2.1		< 2.1
Isopropyl Alcohol	0000676	NSE	NSE			< 8.3	< 8.3	< 6.3	39	8.7	< 6.3	< 40.8	< 40.8	< 40.8	72.8				< 24.3		< 24.3		< 24.3
Isopropyl ether	0001082	NSE	NSE			< .25	< .25	< .19	< .19	< .25	< .19	< 0.50	< 0.50	< 0.50	< 0.50				< 0.50		< 0.50		< 0.50
Isopropylbenzene	0000988	NSE	NSE			< .22	< .22	< .22	< .22	< .22	< .22	< 0.34	< 0.34	< 0.34	< 0.12				< 0.14		< 0.14		< 0.14
Methyl Ethyl Ketone	0000789	4000	800			< 1	1.2	< 1	< 1	1.1	< 1	< 2.7	< 2.7	< 2.7	< 3.0				< 3.0		< 3.0		< 3.0
Methyl Isobutyl Ketone	0001081	500	50			< .53	< .53	< .31	< .31	< .53	< .31	< 2.3	< 2.3	< 2.3	< 2.1				< 2.1		< 2.1		< 2.1
Methyl tert-butyl Ether	0016340	60	12			< .28	< .28	< .19	< .19	< .28	< .19	< 0.49	< 0.49	< 0.49	< 0.17				< 0.17		< 0.17		< 0.17
Methylene Chloride	0000750	5	0.5			< .48	< .48	< .4	< .4	< .48	< .4	< 0.36	< 0.36	< 0.36	< 0.23				< 0.23		< 0.23		< 0.23
Naphthalene	0000912	100	10			< .41	< .41	< .32	< .32	< .41	< .32	< 2.5	< 2.5	< 2.5	< 2.5				< 2.5		< 2.5		< 2.5
n-Butylbenzene	0001045	NSE	NSE			< .18	< .18	< .24	< .24	< .18	< .24	< 0.40	< 0.40	< 0.40	< 0.22				< 0.50		< 0.50		< 0.50
p-Isopropyltoluene	0000998	NSE	NSE			< .19	< .19	< .2	< .2	< .19	< .2	< 0.40	< 0.40	< 0.40	< 0.13				< 0.50		< 0.50		< 0.50
Styrene	0001004	100	10			< .17	< .17	< .19	< .19	< .17	< .19	< 0.35	< 0.35	< 0.35	< 0.15				< 0.50		< 0.50		< 0.50
Tetrachloroethene	0001271	5	0.5			< .21	< .21	< .15	< .15	< .21	< .15	< 0.47	< 0.47	< 0.47	< 0.50				< 0.50		< 0.50		< 0.50
Toluene	0001088	800	160			< .17	< .17	< .23	< .23	< .17	< .23	< 0.44	< 0.44	2.2	< 0.50				< 0.50		< 0.50		< 0.50
Total TriMthBenzenes	TOTALT	480	96			< .18	< .18	< .24	< .24	< .18	< .24	< .57	< .5	< .5	< .5				< 1		< 1		< 1
Total Xylenes	TOTAL X	2000	400			< .24	< .24	< .22	< .22	< .24	< .22	< .5	< .5	< .5	< .5				< 1.5		< 1.5		< 1.5
Trichloroethene	0000790	5	0.5			<u>1.8</u>	<u>2.2</u>	<u>2.1</u>	<u>2.3</u>	<u>2.2</u>	<u>2.2</u>	<u>3.0</u>	<u>2.3</u>	<u>2.8</u>	<u>2.8</u>				<u>2.5</u>		<u>1.6</u>		<u>2.0</u>
Vinyl Chloride	0000750	0.2	0.02			.49	.29	<u>.18</u>	< .15	< .18	< .15	< 0.18	< 0.18	< 0.18	< 0.18				< 0.18		< 0.18		< 0.18
Xylene - M & P	1796012	2000	400			< .33	< .33	< .46	< .46	< .33	< .46	< 0.82	< 0.82	< 0.82	< 1.0				< 1.0		< 1.0		< 1.0
Xylene - O	0000954	2000	400			< .24	< .24	< .22	< .22	< .24	< .22	< 0.50	< 0.50	< 0.50	< 0.50				< 0.50		< 0.50		< 0.50

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	-P	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40			< .2	< .22	< .21	< .21	< .22	< .21	< 0.44	< 0.44		< 0.50				< 0.50		< 0.50		< 0.50
1,1,2-Trichloroethane	0000790	5	0.5			< .17	< .23	< .25	< .25	< .23	< .25	< 0.39	< 0.39		< 0.16				< 0.20		< 0.20		< 0.20
1,1-Dichloroethane	0000753	850	85			1.7	2.5	5.5	< .19	2.5	2	2.5	1.7		2.7				2.0		2.1		1.7
1,1-Dichloroethene	0000753	7	0.7			.18	.28	<u>1.1</u>	< .2	.68	< .2	< 0.43	< 0.43		< 0.41				< 0.41		< 0.41		< 0.41
1,2,3-Trichlorobenzene	0000876	NSE	NSE			< .23	< .27	< .26	< .26	< .27	< .26	< 0.77	< 0.77		< 2.1				< 2.1		< 2.1		< 2.1
1,2,4-Trichlorobenzene	0001208	70	14			< .3	< .32	< .28	< .28	< .32	< .28	< 2.5	< 2.5		< 2.2				< 2.2		< 2.2		< 2.2
1,2-cis-Dichloroethene	0001565	70	7			.16	.42	1.8	< .21	.72	< .21	< 0.42	< 0.42		0.51				0.50		0.43		0.59
1,2-Dichlorobenzene	0000955	600	60			< .13	< .16	< .19	< .19	< .16	< .19	< 0.44	< 0.44		< 0.50				< 0.50		< 0.50		< 0.50
1,2-Dichloroethane	0001070	5	0.5			<u>.58</u>	.29	<u>1.3</u>	< .24	<u>.96</u>	.4	< 0.48	< 0.48		0.27				0.22		0.28		< 0.17
1,2-Dichloropropane	0000788	5	0.5			< .21	< .22	< .2	< .2	< .22	< .2	< 0.50	< 0.50		< 0.23				< 0.23		< 0.23		< 0.23
1,2-trans-Dichloroethen	0001566	100	20			< .13	< .26	.7	< .19	< .26	< .19	< 0.37	< 0.37		< 0.24				< 0.26		< 0.26		< 0.26
1,4-Dichlorobenzene	0001064	75	15			< .13	< .22	< .22	< .22	< .22	< .22	< 0.43	< 0.43		< 0.50				< 0.50		< 0.50		< 0.50
124TRIMTHLBENZEN	0000956	480	96			< .12	< .18	< .24	< .24	< .18	< .24	< 0.57	< 0.50		< 0.50				< 0.50		< 0.50		< 0.50
135TRIMTHLBENZEN	0001086	480	96			< .12	< .2	< .25	< .25	< .2	< .25	< 2.5	< 0.50		< 0.50				< 0.50		< 0.50		< 0.50
2-Chlorotoluene	0000954	NSE	NSE			< .15	< .2	< .26	< .26	< .2	< .26	< 0.48	< 0.48		< 0.50				< 0.50		< 0.50		< 0.50
Acetone	0000676	9000	1800			< 4	< 4.2	< 4.2	4.9	< 4.2	< 4.2	< 2.6	< 2.6		< 3.0				< 3.0		< 3.0		< 3.0
Benzene	0000714	5	0.5			.17	< .2	.5	< .26	.5	< .26	< 0.50	< 0.50		< 0.50				< 0.50		< 0.50		< 0.50
Chloroethane	0000750	400	80			1.2	< 1.5	3.2	< 2.1	4.8	< 2.1	< 0.44	< 0.44		< 0.37				< 0.37		< 0.37		< 0.37
Chloroform	0000676	6	0.6			.17	< .2	< .23	< .23	< .2	< .23	< 0.69	< 0.69		< 2.5				< 2.5		< 2.5		< 2.5
Chloromethane	0000748	30	3			< .28	< .23	< .24	< .24	< .23	< .24	< 0.39	< 0.39		< 0.50				< 0.50		< 0.50		< 0.50
Dichlorodifluoromethan	0000757	1000	200			.2	< .29	.23	< .19	.61	< .19	< 0.40	< 0.40		0.18				0.27		0.28		0.32
Ethylbenzene	0001004	700	140			< .12	< .21	< .22	< .22	< .21	< .22	< 0.50	< 0.50		< 0.50				< 0.50		< 0.50		< 0.50
Fluorotrichloromethane	0000756	3490	698			< .11	< .32	< .25	< .25	< .32	< .25	< 0.48	< 0.48		< 0.17				< 0.18		< 0.18		< 0.18
Hexachlorobutadiene	0000876	NSE	NSE			< .36	< .45	< .23	< .23	< .45	< .23	< 1.3	< 1.3		< 2.1				< 2.1		< 2.1		< 2.1
Isopropyl Alcohol	0000676	NSE	NSE			< 14	< 8.3	7	8.3	< 8.3	< 6.3	< 40.8	< 40.8		38.1				< 24.3		< 24.3		< 24.3
Isopropyl ether	0001082	NSE	NSE			< .2	< .25	< .19	< .19	< .25	< .19	< 0.50	< 0.50		< 0.50				< 0.50		< 0.50		< 0.50
Isopropylbenzene	0000988	NSE	NSE			< .1	< .22	< .22	< .22	< .22	< .22	< 0.34	< 0.34		< 0.12				< 0.14		< 0.14		< 0.14
Methyl Ethyl Ketone	0000789	4000	800			< 1	< 1	< 1	< 1	< 1	< 1	< 2.7	< 2.7		< 3.0				< 3.0		< 3.0		< 3.0
Methyl Isobutyl Ketone	0001081	500	50			23	< .53	5.2	< .31	.77	< .31	< 2.3	< 2.3		< 2.1				< 2.1		< 2.1		< 2.1
Methyl tert-butyl Ether	0016340	60	12			< .13	< .28	< .19	< .19	< .28	< .19	< 0.49	< 0.49		< 0.17				< 0.17		< 0.17		< 0.17
Methylene Chloride	0000750	5	0.5			< .27	< .48	< .4	< .4	< .48	< .4	< 0.36	< 0.36		< 0.23				< 0.23		< 0.23		< 0.23
Naphthalene	0000912	100	10			< .31	< .41	< .32	< .32	< .41	< .32	< 2.5	< 2.5		< 2.5				< 2.5		< 2.5		< 2.5
n-Butylbenzene	0001045	NSE	NSE			< .14	< .18	< .24	< .24	< .18	< .24	< 0.40	< 0.40		< 0.22				< 0.50		< 0.50		< 0.50
p-Isopropyltoluene	0000998	NSE	NSE			< .11	< .19	< .2	< .2	< .19	< .2	< 0.40	< 0.40		< 0.13				< 0.50		< 0.50		< 0.50
Styrene	0001004	100	10			< .11	< .17	< .19	< .19	< .17	< .19	< 0.35	< 0.35		< 0.15				< 0.50		< 0.50		< 0.50
Tetrachloroethene	0001271	5	0.5			< .18	< .21	.15	< .15	.34	< .15	<u>1.4</u>	<u>0.51</u>		<u>3.5</u>				10.3		13.4		23.0
Toluene	0001088	800	160			.8	.22	3.1	< .23	4.8	.25	< 0.44	< 0.44		< 0.50				< 0.50		< 0.50		< 0.50
Total TriMthBenzenes	TOTALT	480	96			< .12	< .18	< .24	< .24	< .18	< .24	< .57	< .5		< .5				< 1		< 1		< 1
Total Xylenes	TOTAL X	2000	400			< .16	< .24	< .22	< .22	< .24	< .22	< .5	< .5		< .5				< 1.5		< 1.5		< 1.5
Trichloroethene	0000790	5	0.5			<u>2.7</u>	<u>2.8</u>	<u>2.2</u>	< .25	<u>3.1</u>	<u>1.8</u>	<u>4.1</u>	<u>4.3</u>		<u>4.1</u>				<u>4.2</u>		<u>4.2</u>		<u>5.1</u>
Vinyl Chloride	0000750	0.2	0.02			< .17	< .18	.44	< .15	.35	< .15	0.20	< 0.18		<u>0.18</u>				< 0.18		0.23		< 0.18
Xylene - M & P	1796012	2000	400			< .22	< .33	< .46	< .46	< .33	< .46	< 0.82	< 0.82		< 1.0				< 1.0		< 1.0		< 1.0
Xylene - O	0000954	2000	400			< .16	< .24	< .22	< .22	< .24	< .22	< 0.50	< 0.50		< 0.50				< 0.50		< 0.50		< 0.50

390	MW-114B	RESULTS MONTH/YEAR																							
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	-P	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17		
1,1,1-Trichloroethane	0000715	200	40			< .2	< .22	< .22	< .21	< .22	< .21	< 0.44	< 0.44		< 0.50				< 0.50		< 0.50		< 0.50		
1,1,2-Trichloroethane	0000790	5	0.5			< .17	< .23	< .23	< .25	< .23	< .25	< 0.39	< 0.39		< 0.16				< 0.20		< 0.20		< 0.20		
1,1-Dichloroethane	0000753	850	85			< .16	.85	.31	1.8	< .21	< .19	< 0.28	< 0.28		< 0.16				< 0.24		< 0.24		< 0.24		
1,1-Dichloroethene	0000753	7	0.7			< .15	.25	< .21	< .2	< .21	< .2	< 0.43	< 0.43		< 0.41				< 0.41		< 0.41		< 0.41		
1,2,3-Trichlorobenzene	0000876	NSE	NSE			< .23	< .27	< .27	< .26	< .27	< .26	< 0.77	< 0.77		< 2.1				< 2.1		< 2.1		< 2.1		
1,2,4-Trichlorobenzene	0001208	70	14			< .3	< .32	< .32	< .28	< .32	< .28	< 2.5	< 2.5		< 2.2				< 2.2		< 2.2		< 2.2		
1,2-cis-Dichloroethene	0001565	70	7			< .12	.56	< .2	< .21	.32	< .21	< 0.42	< 0.42		< 0.26				< 0.26		< 0.26		< 0.26		
1,2-Dichlorobenzene	0000955	600	60			< .13	< .16	< .16	< .19	< .16	< .19	< 0.44	< 0.44		< 0.50				< 0.50		< 0.50		< 0.50		
1,2-Dichloroethane	0001070	5	0.5			< .22	< .16	< .16	.35	< .16	< .24	< 0.48	< 0.48		< 0.17				< 0.17		< 0.17		< 0.17		
1,2-Dichloropropane	0000788	5	0.5			< .21	< .22	< .22	< .2	< .22	< .2	< 0.50	< 0.50		< 0.23				< 0.23		< 0.23		< 0.23		
1,2-trans-Dichloroethen	0001566	100	20			< .13	< .26	< .26	< .19	< .26	< .19	< 0.37	< 0.37		< 0.24				< 0.26		< 0.26		< 0.26		
1,4-Dichlorobenzene	0001064	75	15			< .13	< .22	< .22	< .22	< .22	< .22	< 0.43	< 0.43		< 0.50				< 0.50		< 0.50		< 0.50		
124TRIMTHLBENZEN	0000956	480	96			< .12	< .18	< .18	< .24	< .18	< .24	< 0.57	< 0.50		< 0.50				< 0.50		< 0.50		< 0.50		
135TRIMTHLBENZEN	0001086	480	96			< .12	< .2	< .2	< .25	< .2	< .25	< 2.5	< 0.50		< 0.50				< 0.50		< 0.50		< 0.50		
2-Chlorotoluene	0000954	NSE	NSE			< .15	< .2	< .2	< .26	< .2	< .26	< 0.48	< 0.48		< 0.50				< 0.50		< 0.50		< 0.50		
Acetone	0000676	9000	1800			< 4	< 4.2	< 4.2	< 4.2	9	< 4.2	< 2.6	< 2.6		3.3				< 3.0		< 3.0		< 3.0		
Benzene	0000714	5	0.5			< .13	< .2	< .2	< .26	< .2	< .26	< 0.50	< 0.50		< 0.50				< 0.50		< 0.50		< 0.50		
Chloroethane	0000750	400	80			< .67	< 1.5	< 1.5	< 2.1	< 1.5	< 2.1	< 0.44	< 0.44		< 0.37				< 0.37		< 0.37		< 0.37		
Chloroform	0000676	6	0.6			.3	< .2	< .2	< .23	< .2	< .23	< 0.69	< 0.69		< 2.5				< 2.5		< 2.5		< 2.5		
Chloromethane	0000748	30	3			< .28	< .23	< .23	< .24	< .23	< .24	< 0.39	< 0.39		< 0.50				< 0.50		< 0.50		< 0.50		
Dichlorodifluoromethan	0000757	1000	200			< .13	< .29	< .29	< .19	< .29	< .19	< 0.40	< 0.40		< 0.16				< 0.22		< 0.22		< 0.22		
Ethylbenzene	0001004	700	140			< .12	< .21	< .21	< .22	< .21	< .22	< 0.50	< 0.50		< 0.50				< 0.50		< 0.50		< 0.50		
Fluorotrichloromethane	0000756	3490	698			< .11	< .32	< .32	< .25	< .32	< .25	< 0.48	< 0.48		< 0.17				< 0.18		< 0.18		< 0.18		
Hexachlorobutadiene	0000876	NSE	NSE			< .36	< .45	< .45	< .23	< .45	< .23	< 1.3	< 1.3		< 2.1				< 2.1		< 2.1		< 2.1		
Isopropyl Alcohol	0000676	NSE	NSE			< 14	9.9	13	21	14	< 6.3	< 40.8	< 40.8		39.9				< 24.3		< 24.3		< 24.3		
Isopropyl ether	0001082	NSE	NSE			< .2	< .25	< .25	< .19	< .25	< .19	< 0.50	< 0.50		< 0.50				< 0.50		< 0.50		< 0.50		
Isopropylbenzene	0000988	NSE	NSE			< .1	< .22	< .22	< .22	< .22	< .22	< 0.34	< 0.34		< 0.12				< 0.14		< 0.14		< 0.14		
Methyl Ethyl Ketone	0000789	4000	800			< 1	< 1	< 1	< 1	< 1	< 1	< 2.7	< 2.7		< 3.0				< 3.0		< 3.0		< 3.0		
Methyl Isobutyl Ketone	0001081	500	50			2.6	< .53	< .53	< .31	< .53	< .31	< 2.3	< 2.3		< 2.1				< 2.1		< 2.1		< 2.1		
Methyl tert-butyl Ether	0016340	60	12			< .13	< .28	< .28	< .19	< .28	< .19	< 0.49	< 0.49		< 0.17				< 0.17		< 0.17		< 0.17		
Methylene Chloride	0000750	5	0.5			< .27	< .48	< .48	< .4	< .48	< .4	< 0.36	< 0.36		< 0.23				< 0.23		< 0.23		< 0.23		
Naphthalene	0000912	100	10			< .31	< .41	< .41	< .32	< .41	< .32	< 2.5	< 2.5		< 2.5				< 2.5		< 2.5		< 2.5		
n-Butylbenzene	0001045	NSE	NSE			< .14	< .18	< .18	< .24	< .18	< .24	< 0.40	< 0.40		< 0.22				< 0.50		< 0.50		< 0.50		
p-Isopropyltoluene	0000998	NSE	NSE			< .11	< .19	< .19	< .2	< .19	< .2	< 0.40	< 0.40		< 0.13				< 0.50		< 0.50		< 0.50		
Styrene	0001004	100	10			< .11	< .17	< .17	< .19	< .17	< .19	< 0.35	< 0.35		< 0.15				< 0.50		< 0.50		< 0.50		
Tetrachloroethene	0001271	5	0.5			< .18	< .21	< .21	< .15	< .21	< .15	< 0.47	< 0.47		< 0.50				< 0.50		< 0.50		< 0.50		
Toluene	0001088	800	160			< .16	.18	< .17	< .23	< .17	< .23	< 0.44	< 0.44		< 0.50				< 0.50		< 0.50		0.83		
Total TriMthBenzenes	TOTALT	480	96			< .12	< .18	< .18	< .24	< .18	< .24	< .57	< .5		< .5				< 1		< 1		< 1		
Total Xylenes	TOTAL X	2000	400			< .16	< .24	< .24	< .22	< .24	< .22	< .5	< .5		< .5				< 1.5		< 1.5		< 1.5		
Trichloroethene	0000790	5	0.5			< .16	< .17	< .17	<u>1.9</u>	.34	.32	< 0.43	< 0.36		< 0.33				< 0.33		< 0.33		< 0.33		
Vinyl Chloride	0000750	0.2	0.02			< .17	< .18	< .18	< .15	< .18	< .15	< 0.18	< 0.18		< 0.18				< 0.18		< 0.18		< 0.18		
Xylene - M & P	1796012	2000	400			< .22	< .33	< .33	< .46	< .33	< .46	< 0.82	< 0.82		< 1.0				< 1.0		< 1.0		< 1.0		
Xylene - O	0000954	2000	400			< .16	< .24	< .24	< .22	< .24	< .22	< 0.50	< 0.50		< 0.50				< 0.50		< 0.50		< 0.50		

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40			< 11	< 17	< 11	< 10	< 17	< 21	< 11.1	< 2.2		< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 20.0
1,1,2-Trichloroethane	0000790	5	0.5			< 11	< 18	< 11	< 13	< 18	< 25	< 9.7	< 1.9		< 1.6	< 1.6		< 2.0	< 2.0	< 2.0	< 2.0	< 7.9
1,1-Dichloroethane	0000753	850	85			870	1100	980	1200	67	26	20.1	<u>614</u>		1280	<u>763</u>		<u>658</u>	74.8	64.3	78.3	56.8
1,1-Dichloroethene	0000753	7	0.7			330	320	230	< 10	< 17	< 20	< 10.7	54.3		34.3	125		72.0	11.6	8.4	9.0	< 16.4
1,2,3-Trichlorobenzene	0000876	NSE	NSE			< 14	< 22	< 14	< 13	< 22	< 26	< 19.2	< 3.8		< 21.3	< 21.3		< 21.3	< 21.3	< 21.3	< 21.3	< 85.3
1,2,4-Trichlorobenzene	0001208	70	14			< 16	< 25	< 16	< 14	< 25	< 28	< 62.5	< 12.5		< 22.1	< 22.1		< 22.1	< 22.1	< 22.1	< 22.1	< 88.4
1,2-cis-Dichloroethene	0001565	70	7			700	720	590	<u>19</u>	< 16	< 21	<u>11.9</u>	246		187	650		394	<u>40.9</u>	<u>21.9</u>	<u>35.5</u>	<u>26.3</u>
1,2-Dichlorobenzene	0000955	600	60			< 7.9	< 13	< 7.9	< 9.3	< 13	< 19	< 11.0	< 2.2		< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 20.0
1,2-Dichloroethane	0001070	5	0.5			57	57	49	76	77	72	95.4	67.7		117	96.8		104	91.4	83.0	91.8	76.2
1,2-Dichloropropane	0000788	5	0.5			22	27	24	36	26	< 20	16.4	22.2		43.6	26.8		26.5	8.6	5.5	7.2	< 9.3
1,2-trans-Dichloroethen	0001566	100	20			250	170	<u>97</u>	150	170	110	122	108		170	132		184	237	220	227	105
1,4-Dichlorobenzene	0001064	75	15			< 11	< 18	< 11	< 11	< 18	< 22	< 10.9	< 2.2		< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 20.0
124TRIMTHLBENZEN	0000956	480	96			< 9.1	< 14	< 9.1	< 12	< 14	< 24	< 14.3	< 2.5		< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 20.0
135TRIMTHLBENZEN	0001086	480	96			< 9.8	< 16	< 9.8	< 13	< 16	< 25	< 62.5	< 2.5		< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 20.0
2-Chlorotoluene	0000954	NSE	NSE			< 10	< 16	< 10	< 13	< 16	< 26	< 11.9	< 2.4		< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 20.0
Acetone	0000676	9000	1800			< 210	< 330	380	< 210	< 330	< 420	67.1	20.5		36.5	41.2		< 29.5	< 29.5	< 29.5	< 29.5	< 118
Benzene	0000714	5	0.5			< 9.8	< 16	< 9.8	< 13	< 16	< 26	< 12.5	5.3		8.4	7.8		9.3	9.9	8.6	11.0	< 20.0
Chloroethane	0000750	400	80			< 76	< 120	< 76	< 100	1000	790	1270	404		<u>290</u>	572		692	1190	1100	1290	692
Chloroform	0000676	6	0.6			< 10	< 16	< 10	< 11	< 16	< 23	< 17.2	< 3.4		< 25.0	< 25.0		< 25.0	< 25.0	< 25.0	< 25.0	< 100
Chloromethane	0000748	30	3			< 12	< 19	< 12	< 12	< 19	< 24	< 9.7	< 1.9		< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 20.0
Dichlorodifluoromethan	0000757	1000	200			< 14	< 23	< 14	< 9.5	< 23	< 19	< 10.0	< 2.0		< 1.6	< 2.0		< 2.2	< 2.2	< 2.2	< 2.2	< 9.0
Ethylbenzene	0001004	700	140			< 10	< 17	< 10	< 11	< 17	< 22	< 12.5	< 2.5		< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 20.0
Fluorotrichloromethane	0000756	3490	698			< 16	< 25	< 16	< 13	< 25	< 25	< 11.9	< 2.4		< 1.7	< 1.7		< 1.8	< 1.8	< 1.8	< 1.8	< 7.4
Hexachlorobutadiene	0000876	NSE	NSE			< 22	< 36	< 22	< 11	< 36	< 23	< 31.4	< 6.3		< 21.1	< 21.1		< 21.1	< 21.1	< 21.1	< 21.1	< 84.2
Isopropyl Alcohol	0000676	NSE	NSE			< 410	< 660	< 410	< 320	< 660	< 630	< 1020	< 204		< 243	< 243		< 243	< 243	< 243	< 243	< 974
Isopropyl ether	0001082	NSE	NSE			< 12	< 20	< 12	< 9.5	< 20	< 19	< 12.5	< 2.5		< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 20.0
Isopropylbenzene	0000988	NSE	NSE			< 11	< 17	< 11	< 11	< 17	< 22	< 8.5	< 1.7		< 1.2	< 1.4		< 1.4	< 1.4	< 1.4	< 1.4	< 5.7
Methyl Ethyl Ketone	0000789	4000	800			110	110	180	99	< 80	< 100	< 67.5	< 13.5		< 29.8	< 29.8		< 29.8	< 29.8	< 29.8	< 29.8	< 119
Methyl Isobutyl Ketone	0001081	500	50			1800	1900	2700	2800	2900	2800	3960	802		1200	<u>220</u>		<u>144</u>	43.8	30.5	30.0	< 85.6
Methyl tert-butyl Ether	0016340	60	12			< 14	< 23	< 14	< 9.5	< 23	< 19	< 12.3	< 2.5		< 1.7	< 1.7		< 1.7	< 1.7	< 1.7	< 1.7	< 7.0
Methylene Chloride	0000750	5	0.5			< 24	< 38	< 24	< 20	< 38	< 40	< 9.0	<u>3.5</u>		<u>4.9</u>	5.8		<u>3.9</u>	< 2.3	<u>3.1</u>	<u>2.7</u>	< 9.3
Naphthalene	0000912	100	10			< 20	< 32	< 20	< 16	< 32	< 32	< 62.5	< 12.5		< 25.0	< 25.0		< 25.0	< 25.0	< 25.0	< 25.0	< 100
n-Butylbenzene	0001045	NSE	NSE			< 9.1	< 14	< 9.1	< 12	< 14	< 24	< 10	< 2.0		< 2.2	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 20.0
p-Isopropyltoluene	0000998	NSE	NSE			< 9.5	< 15	< 9.5	< 10	< 15	< 20	< 9.9	< 2.0		< 1.3	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 20.0
Styrene	0001004	100	10			< 8.6	< 14	< 8.6	< 9.7	< 14	< 19	< 8.7	< 1.7		< 1.5	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 20.0
Tetrachloroethene	0001271	5	0.5			< 10	< 16	< 10	< 7.3	< 16	< 15	< 11.8	< 2.4		< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 20.0
Toluene	0001088	800	160			81	72	45	71	85	71	68.8	68.1		103	79.6		105	109	101	98.9	68.0
Total TriMthBenzenes	TOTALT	480	96			< 9.1	< 14	< 9.1	< 12	< 14	< 24	< 14.3	< 2.5		< 5	< 10		< 10	< 10	< 10	< 10	< 40
Total Xylenes	TOTAL X	2000	400			< 12	< 19	< 12	< 11	< 19	< 22	< 12.5	< 2.5		< 10	< 15		< 15	< 15	< 15	< 15	< 60
Trichloroethene	0000790	5	0.5			< 8.4	< 13	< 8.4	< 12	16	< 25	< 10.7	< 1.8		< 3.3	< 3.3		< 3.3	< 3.3	< 3.3	< 3.3	< 13.2
Vinyl Chloride	0000750	0.2	0.02			120	170	130	33	< 15	< 15	< 4.6	71.8		42.4	163		91.3	37.5	32.1	48.6	24.3
Xylene - M & P	1796012	2000	400			< 17	< 27	< 17	< 23	< 27	< 46	< 20.4	< 4.1		< 10.0	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	< 40.0
Xylene - O	0000954	2000	400			< 12	< 19	< 12	< 11	< 19	< 22	< 12.5	< 2.5		< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 20.0

396	MW-115A	RESULTS MONTH/YEAR																				
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40			< 2.7	< 2.7	< 2.7	< 2.6	< 2.7	< 4.1	< 2.2	< 1.8		< 2.5	< 1.2		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
1,1,2-Trichloroethane	0000790	5	0.5			5.7	7.4	5.5	8.2	7.7	9.1	8.2	9.8		7.9	5.9		<u>4.4</u>	< 0.99	5.5	8.4	14.2
1,1-Dichloroethane	0000753	850	85			51	77	<u>86</u>	<u>92</u>	<u>110</u>	<u>110</u>	<u>166</u>	<u>110</u>		<u>88.4</u>	63.7		80.7	59.7	<u>132</u>	<u>207</u>	<u>222</u>
1,1-Dichloroethene	0000753	7	0.7			27	38	44	60	74	70	84.1	76.5		53.8	44.7		47.3	36.9	68.2	105	43.7
1,2,3-Trichlorobenzene	0000876	NSE	NSE			< 3.4	< 3.4	< 3.4	< 3.3	< 3.4	< 5.2	< 3.8	< 3.1		< 10.7	< 5.3		< 10.7	< 10.7	< 10.7	< 10.7	< 10.7
1,2,4-Trichlorobenzene	0001208	70	14			< 4	< 4	< 4	< 3.5	< 4	< 5.6	< 12.5	< 10.0		< 11.0	< 5.5		< 11.0	< 11.0	< 11.0	< 11.0	< 11.0
1,2-cis-Dichloroethene	0001565	70	7			140	150	140	180	240	280	463	453		374	296		341	272	643	1060	1110
1,2-Dichlorobenzene	0000955	600	60			< 2	< 2	< 2	< 2.3	< 2	< 3.7	< 2.2	< 1.8		< 2.5	< 1.2		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
1,2-Dichloroethane	0001070	5	0.5			< 2.1	< 2.1	< 2.1	< 3.1	<u>2.8</u>	< 4.9	<u>4.1</u>	<u>3.2</u>		<u>2.5</u>	<u>1.7</u>		< 0.84	< 0.84	<u>3.3</u>	6.2	9.8
1,2-Dichloropropane	0000788	5	0.5			< 2.7	< 2.7	< 2.7	<u>3.2</u>	<u>3.2</u>	< 3.9	<u>4.6</u>	<u>4.3</u>		<u>3.5</u>	<u>2.3</u>		< 1.2	< 1.2	<u>4.3</u>	6.9	11.0
1,2-trans-Dichloroethen	0001566	100	20			<u>40</u>	<u>46</u>	<u>42</u>	<u>38</u>	<u>39</u>	<u>33</u>	<u>34.2</u>	<u>26.8</u>		19.9	19.9		<u>26.2</u>	16.7	<u>24.0</u>	<u>22.2</u>	<u>68.2</u>
1,4-Dichlorobenzene	0001064	75	15			< 2.8	< 2.8	< 2.8	< 2.7	< 2.8	< 4.4	< 2.2	< 1.7		< 2.5	< 1.2		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
124TRIMTHLBENZEN	0000956	480	96			< 2.3	< 2.3	< 2.3	< 3	< 2.3	< 4.7	< 2.9	< 2.0		< 2.5	< 1.2		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
135TRIMTHLBENZEN	0001086	480	96			< 2.5	< 2.5	< 2.5	< 3.2	< 2.5	< 5.1	< 12.5	< 2.0		< 2.5	< 1.2		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
2-Chlorotoluene	0000954	NSE	NSE			< 2.5	< 2.5	< 2.5	< 3.2	< 2.5	< 5.1	< 2.4	< 1.9		< 2.5	< 1.2		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Acetone	0000676	9000	1800			< 52	< 52	< 52	< 52	< 52	< 83	< 12.9	< 10.4		< 14.8	< 7.4		< 14.8	< 14.8	< 14.8	< 14.8	< 14.8
Benzene	0000714	5	0.5			< 2.4	< 2.4	< 2.4	< 3.2	< 2.4	< 5.1	< 2.5	< 2.0		< 2.5	< 1.2		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Chloroethane	0000750	400	80			< 19	< 19	< 19	< 26	< 19	< 41	< 2.2	< 1.8		< 1.9	< 0.94		< 1.9	< 1.9	< 1.9	< 1.9	< 1.9
Chloroform	0000676	6	0.6			< 2.5	< 2.5	< 2.5	< 2.8	< 2.5	< 4.5	< 3.4	< 2.8		< 12.5	< 6.2		< 12.5	< 12.5	< 12.5	< 12.5	< 12.5
Chloromethane	0000748	30	3			< 2.9	< 2.9	< 2.9	< 3	< 2.9	< 4.8	< 1.9	< 1.6		< 2.5	< 1.2		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Dichlorodifluoromethan	0000757	1000	200			< 3.6	< 3.6	< 3.6	< 2.4	< 3.6	< 3.8	< 2.0	< 1.6		< 0.78	< 0.51		< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
Ethylbenzene	0001004	700	140			< 2.6	< 2.6	< 2.6	< 2.7	< 2.6	< 4.3	< 2.5	< 2.0		< 2.5	< 1.2		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Fluorotrichloromethane	0000756	3490	698			< 4	< 4	< 4	< 3.2	< 4	< 5.1	< 2.4	< 1.9		< 0.86	< 0.43		< 0.92	< 0.92	< 0.92	< 0.92	< 0.92
Hexachlorobutadiene	0000876	NSE	NSE			< 5.6	< 5.6	< 5.6	< 2.8	< 5.6	< 4.5	< 6.3	< 5.0		< 10.5	< 5.3		< 10.5	< 10.5	< 10.5	< 10.5	< 10.5
Isopropyl Alcohol	0000676	NSE	NSE			110	< 100	< 100	< 79	< 100	< 130	< 204	< 163		< 122	< 60.9		< 122	< 122	< 122	< 122	< 122
Isopropyl ether	0001082	NSE	NSE			< 3.1	< 3.1	< 3.1	< 2.4	< 3.1	< 3.8	< 2.5	< 2.0		< 2.5	< 1.2		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Isopropylbenzene	0000988	NSE	NSE			< 2.7	< 2.7	< 2.7	< 2.8	< 2.7	< 4.4	< 1.7	< 1.4		< 0.58	< 0.36		< 0.72	< 0.72	< 0.72	< 0.72	< 0.72
Methyl Ethyl Ketone	0000789	4000	800			< 13	< 13	< 13	< 13	< 13	< 20	< 13.5	< 10.8		< 14.9	< 7.4		< 14.9	< 14.9	< 14.9	< 14.9	< 14.9
Methyl Isobutyl Ketone	0001081	500	50			< 6.6	< 6.6	< 6.6	< 3.9	< 6.6	< 6.3	< 11.7	< 9.4		< 10.7	< 5.4		< 10.7	< 10.7	< 10.7	< 10.7	< 10.7
Methyl tert-butyl Ether	0016340	60	12			< 3.5	< 3.5	< 3.5	< 2.4	< 3.5	< 3.8	< 2.5	< 2.0		< 0.87	< 0.44		< 0.87	< 0.87	< 0.87	< 0.87	< 0.87
Methylene Chloride	0000750	5	0.5			< 6	< 6	< 6	< 5	< 6	< 8	< 1.8	< 1.4		< 1.2	< 0.58		< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Naphthalene	0000912	100	10			< 5.1	< 5.1	< 5.1	< 4	< 5.1	< 6.4	< 12.5	< 10.0		< 12.5	< 6.2		< 12.5	< 12.5	< 12.5	< 12.5	< 12.5
n-Butylbenzene	0001045	NSE	NSE			< 2.3	< 2.3	< 2.3	< 3.1	< 2.3	< 4.9	< 2.0	< 1.6		< 1.1	< 1.2		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
p-Isopropyltoluene	0000998	NSE	NSE			< 2.4	< 2.4	< 2.4	< 2.5	< 2.4	< 4.1	< 2.0	< 1.6		< 0.63	< 1.2		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Styrene	0001004	100	10			< 2.1	< 2.1	< 2.1	< 2.4	< 2.1	< 3.9	< 1.7	< 1.4		< 0.77	< 1.2		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Tetrachloroethene	0001271	5	0.5			< 2.6	< 2.6	< 2.6	< 1.8	< 2.6	< 2.9	< 2.4	< 1.9		< 2.5	< 1.2		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Toluene	0001088	800	160			< 2.1	< 2.1	< 2.1	< 2.9	< 2.1	< 4.6	< 2.2	< 1.8		< 2.5	< 1.2		< 2.5	< 2.5	< 2.5	< 2.5	2.8
Total TriMthBenzenes	TOTALT	480	96			< 2.3	< 2.3	< 2.3	< 3	< 2.3	< 4.7	< 12.5	< 2		< 2.5	< 2.4		< 5	< 5	< 5	< 5	< 5
Total Xylenes	TOTAL X	2000	400			< 3	< 3	< 3	< 2.8	< 3	< 4.5	< 2.5	< 2		< 2.5	< 3.7		< 7.5	< 7.5	< 7.5	< 7.5	< 7.5
Trichloroethene	0000790	5	0.5			25	27	25	30	39	60	99.6	176		201	192		218	119	95.8	103	78.2
Vinyl Chloride	0000750	0.2	0.02			3.9	4.2	4	4.3	6.1	4.6	5.7	5		5.8	2.4		3.4	3.0	4.9	5.5	5.2
Xylene - M & P	1796012	2000	400			< 4.2	< 4.2	< 4.2	< 5.7	< 4.2	< 9.1	< 4.1	< 3.3		< 5.0	< 2.5		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Xylene - O	0000954	2000	400			< 3	< 3	< 3	< 2.8	< 3	< 4.5	< 2.5	< 2.0		< 2.5	< 1.2		< 2.5	< 2.5	< 2.5	< 2.5	< 2.5

399	MW-115B	RESULTS MONTH/YEAR																					
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40			< .22	< .22	< .22	< .21	< .22	< .21	< 0.44	< 0.44		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	
1,1,2-Trichloroethane	0000790	5	0.5			< .23	< .23	< .23	< .25	< .23	< .25	< 0.39	< 0.39		< 0.16	< 0.16		< 0.20	< 0.20	< 0.20	< 0.20	7.1	
1,1-Dichloroethane	0000753	850	85			.36	.39	.46	.32	.56	.43	0.57	0.31		0.37	1.6		0.86	0.39	0.57	0.26	156	
1,1-Dichloroethene	0000753	7	0.7			< .21	< .21	< .21	< .2	.31	< .2	< 0.43	< 0.43		< 0.41	0.84		< 0.41	< 0.41	< 0.41	< 0.41	37.0	
1,2,3-Trichlorobenzene	0000876	NSE	NSE			< .27	< .27	< .27	< .26	< .27	< .26	< 0.77	< 0.77		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 21.3	
1,2,4-Trichlorobenzene	0001208	70	14			< .32	< .32	< .32	< .28	< .32	< .28	< 2.5	< 2.5		< 2.2	< 2.2		< 2.2	< 2.2	< 2.2	< 2.2	< 22.1	
1,2-cis-Dichloroethene	0001565	70	7			.77	.78	.86	.63	1.2	.88	0.85	0.62		0.61	3.6		1.2	0.46	2.3	0.51	588	
1,2-Dichlorobenzene	0000955	600	60			< .16	< .16	< .16	< .19	< .16	< .19	< 0.44	< 0.44		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	
1,2-Dichloroethane	0001070	5	0.5			< .16	< .16	< .16	< .24	< .16	< .24	< 0.48	< 0.48		< 0.17	< 0.17		< 0.17	< 0.17	< 0.17	< 0.17	< 1.7	
1,2-Dichloropropane	0000788	5	0.5			< .22	< .22	< .22	< .2	< .22	< .2	< 0.50	< 0.50		< 0.23	< 0.23		< 0.23	< 0.23	< 0.23	< 0.23	5.7	
1,2-trans-Dichloroethen	0001566	100	20			< .26	< .26	< .26	< .19	< .26	< .19	< 0.37	< 0.37		< 0.24	0.58		0.49	< 0.26	0.66	< 0.26	10.2	
1,4-Dichlorobenzene	0001064	75	15			< .22	< .22	< .22	< .22	< .22	< .22	< 0.43	< 0.43		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	
124TRIMTHLBENZEN	0000956	480	96			< .18	< .18	< .18	< .24	< .18	< .24	< 0.57	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	
135TRIMTHLBENZEN	0001086	480	96			< .2	< .2	< .2	< .25	< .2	< .25	< 2.5	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	
2-Chlorotoluene	0000954	NSE	NSE			< .2	< .2	< .2	< .26	< .2	< .26	< 0.48	< 0.48		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	
Acetone	0000676	9000	1800			< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 2.6	< 2.6		< 3.0	< 3.0		13.3	< 3.0	< 3.0	< 3.0	< 29.5	
Benzene	0000714	5	0.5			< .2	< .2	< .2	< .26	< .2	< .26	< 0.50	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	
Chloroethane	0000750	400	80			< 1.5	< 1.5	< 1.5	< 2.1	< 1.5	< 2.1	< 0.44	< 0.44		< 0.37	< 0.37		0.82	0.59	0.72	< 0.37	< 3.7	
Chloroform	0000676	6	0.6			.58	< .2	< .2	< .23	< .2	< .23	< 0.69	< 0.69		< 2.5	< 2.5		< 2.5	< 2.5	< 2.5	< 2.5	< 25.0	
Chloromethane	0000748	30	3			< .23	< .23	< .23	< .24	< .23	< .24	< 0.39	< 0.39		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	
Dichlorodifluoromethan	0000757	1000	200			< .29	< .29	< .29	< .19	< .29	< .19	< 0.40	< 0.40		< 0.16	< 0.20		< 0.22	< 0.22	< 0.22	< 0.22	< 2.2	
Ethylbenzene	0001004	700	140			< .21	< .21	< .21	< .22	< .21	< .22	< 0.50	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	
Fluorotrichloromethane	0000756	3490	698			< .32	< .32	< .32	< .25	< .32	< .25	< 0.48	< 0.48		< 0.17	< 0.17		< 0.18	< 0.18	< 0.18	< 0.18	< 1.8	
Hexachlorobutadiene	0000876	NSE	NSE			< .45	< .45	< .45	< .23	< .45	< .23	< 1.3	< 1.3		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 21.1	
Isopropyl Alcohol	0000676	NSE	NSE			< 8.3	< 8.3	< 8.3	18	12	< 6.3	< 40.8	< 40.8		< 24.3	< 24.3		229	< 24.3	< 24.3	< 24.3	< 243	
Isopropyl ether	0001082	NSE	NSE			< .25	< .25	< .25	< .19	< .25	< .19	< 0.50	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	
Isopropylbenzene	0000988	NSE	NSE			< .22	< .22	< .22	< .22	< .22	< .22	< 0.34	< 0.34		< 0.12	< 0.14		< 0.14	< 0.14	< 0.14	< 0.14	< 1.4	
Methyl Ethyl Ketone	0000789	4000	800			< 1	< 1	< 1	< 1	< 1	< 1	< 2.7	< 2.7		< 3.0	< 3.0		< 3.0	< 3.0	< 3.0	< 3.0	< 29.8	
Methyl Isobutyl Ketone	0001081	500	50			< .53	< .53	< .53	< .31	< .53	< .31	< 2.3	< 2.3		< 2.1	< 2.1		< 2.1	< 2.1	< 2.1	< 2.1	< 21.4	
Methyl tert-butyl Ether	0016340	60	12			< .28	< .28	< .28	< .19	< .28	< .19	< 0.49	< 0.49		< 0.17	< 0.17		< 0.17	< 0.17	< 0.17	< 0.17	< 1.7	
Methylene Chloride	0000750	5	0.5			< .48	< .48	< .48	< .4	< .48	< .4	< 0.36	< 0.36		< 0.23	< 0.23		< 0.23	< 0.23	< 0.23	< 0.23	< 2.3	
Naphthalene	0000912	100	10			< .41	< .41	< .41	< .32	< .41	< .32	< 2.5	< 2.5		< 2.5	< 2.5		< 2.5	< 2.5	< 2.5	< 2.5	< 25.0	
n-Butylbenzene	0001045	NSE	NSE			< .18	< .18	< .18	< .24	< .18	< .24	< 0.40	< 0.40		< 0.22	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	
p-Isopropyltoluene	0000998	NSE	NSE			< .19	< .19	< .19	< .2	< .19	< .2	< 0.40	< 0.40		< 0.13	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	
Styrene	0001004	100	10			< .17	< .17	< .17	< .19	< .17	< .19	< 0.35	< 0.35		< 0.15	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	
Tetrachloroethene	0001271	5	0.5			< .21	< .21	< .21	< .15	< .21	< .15	< 0.47	< 0.47		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	
Toluene	0001088	800	160			< .17	< .17	< .17	< .23	< .17	< .23	< 0.44	< 0.44		< 0.50	0.64		0.69	1.1	< 0.50	< 0.50	< 5.0	
Total TriMthBenzenes	TOTALT	480	96			< .12	< .18	< .24	< .24	< .18	< .24	< .57	< .5		< .5	< 1		< 1	< 1	< 1	< 1	< 10	
Total Xylenes	TOTAL X	2000	400			< .16	< .24	< .22	< .22	< .24	< .22	< .5	< .5		< .5	< 1.5		< 1.5	< 1.5	< 1.5	< 1.5	< 15	
Trichloroethene	0000790	5	0.5			1.5	1.7	1.9	1.6	2.2	2.4	2.0	1.9		1.6	3.7		1.9	1.6	2.1	1.3	38.8	
Vinyl Chloride	0000750	0.2	0.02			< .18	< .18	< .18	< .15	< .18	< .15	< 0.18	< 0.18		< 0.18	< 0.18		< 0.18	< 0.18	< 0.18	< 0.18	61.5	
Xylene - M & P	1796012	2000	400			< .22	< .33	< .46	< .46	< .33	< .46	< 0.82	< 0.82		< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 10.0	
Xylene - O	0000954	2000	400			< .24	< .24	< .24	< .22	< .24	< .22	< 0.50	< 0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	< .13		< .2		< .21		< .21										< 0.50		
1,1,2-Trichloroethane	0000790	5	0.5	< .21		< .17		< .25		< .25										< 0.20		
1,1-Dichloroethane	0000753	850	85	< .17		< .16		< .19		< .19										< 0.24		
1,1-Dichloroethene	0000753	7	0.7	< .22		< .15		< .2		< .2										< 0.41		
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .3		< .23		< .26		< .26										< 2.1		
1,2,4-Trichlorobenzene	0001208	70	14	< .22		< .3		< .28		< .28										< 2.2		
1,2-cis-Dichloroethene	0001565	70	7	< .16		< .12		< .21		< .21										< 0.26		
1,2-Dichlorobenzene	0000955	600	60	< .16		< .13		< .19		< .19										< 0.50		
1,2-Dichloroethane	0001070	5	0.5	< .15		< .22		< .24		< .24										< 0.17		
1,2-Dichloropropane	0000788	5	0.5	< .33		< .21		< .2		< .2										< 0.23		
1,2-trans-Dichloroethen	0001566	100	20	< .21		< .13		< .19		< .19										< 0.26		
1,4-Dichlorobenzene	0001064	75	15	< .3		< .13		< .22		< .22										< 0.50		
124TRIMTHLBENZEN	0000956	480	96	< .19		< .12		< .24		< .24										< 0.50		
135TRIMTHLBENZEN	0001086	480	96	< .19		< .12		< .25		< .25										< 0.50		
2-Chlorotoluene	0000954	NSE	NSE	< .19		< .15		< .26		< .26										< 0.50		
Acetone	0000676	9000	1800	13		5.2		< 4.2		7.1										< 3.0		
Benzene	0000714	5	0.5	< .24		< .13		< .26		< .26										< 0.50		
Chloroethane	0000750	400	80	< 1.1		< .67		< 2.1		< 2.1										< 0.37		
Chloroform	0000676	6	0.6	< .13		< .13		< .23		< .23										< 2.5		
Chloromethane	0000748	30	3	< .23		< .28		< .24		< .24										< 0.50		
Dichlorodifluoromethan	0000757	1000	200	< .25		< .13		< .19		< .19										< 0.22		
Ethylbenzene	0001004	700	140	< .15		< .12		< .22		< .22										< 0.50		
Fluorotrichloromethane	0000756	3490	698	< .21		< .11		< .25		< .25										< 0.18		
Hexachlorobutadiene	0000876	NSE	NSE	< .25		< .36		< .23		< .23										< 2.1		
Isopropyl Alcohol	0000676	NSE	NSE	< 10		< 14		7.4		13										< 24.3		
Isopropyl ether	0001082	NSE	NSE	< .16		< .2		< .19		< .19										< 0.50		
Isopropylbenzene	0000988	NSE	NSE	< .18		< .1		< .22		< .22										< 0.14		
Methyl Ethyl Ketone	0000789	4000	800	.81		< 1		< 1		< 1										< 3.0		
Methyl Isobutyl Ketone	0001081	500	50	< .37		< .64		< .31		< .31										< 2.1		
Methyl tert-butyl Ether	0016340	60	12	< .19		< .13		< .19		< .19										< 0.17		
Methylene Chloride	0000750	5	0.5	< .22		< .27		< .4		< .4										< 0.23		
Naphthalene	0000912	100	10	< .32		< .31		< .32		< .32										< 2.5		
n-Butylbenzene	0001045	NSE	NSE	< .23		< .14		< .24		< .24										< 0.50		
p-Isopropyltoluene	0000998	NSE	NSE	< .16		< .11		< .2		< .2										< 0.50		
Styrene	0001004	100	10	< .2		< .11		< .19		< .19										< 0.50		
Tetrachloroethene	0001271	5	0.5	< .12		< .18		< .15		< .15										< 0.50		
Toluene	0001088	800	160	< .18		< .16		< .23		< .23										< 0.50		
Total TriMthBenzenes	TOTALT	480	96	< .19		< .12		< .24		< .24										< 1		
Total Xylenes	TOTAL X	2000	400	< .17		< .16		< .22		< .22										< 1.5		
Trichloroethene	0000790	5	0.5	< .37		< .16		< .25		< .25										< 0.33		
Vinyl Chloride	0000750	0.2	0.02	< .17		< .17		< .15		< .15										< 0.18		
Xylene - M & P	1796012	2000	400	< .28		< .22		< .46		< .46										< 1.0		
Xylene - O	0000954	2000	400	< .17		< .16		< .22		< .22										< 0.50		

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40			< .2	< .22	< .22	< .22	< .21		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
1,1,2-Trichloroethane	0000790	5	0.5			< .17	< .23	< .23	< .23	< .25		< 0.39			< 0.16			< 0.20		< 0.20		< 0.20
1,1-Dichloroethane	0000753	850	85			< .16	< .21	< .21	< .21	< .19		< 0.28			< 0.16			< 0.24		< 0.24		< 0.24
1,1-Dichloroethene	0000753	7	0.7			< .15	< .21	< .21	< .21	< .2		< 0.43			< 0.41			< 0.41		< 0.41		< 0.41
1,2,3-Trichlorobenzene	0000876	NSE	NSE			< .23	< .27	< .27	< .27	< .26		< 0.77			< 2.1			< 2.1		< 2.1		< 2.1
1,2,4-Trichlorobenzene	0001208	70	14			< .3	< .32	< .32	< .32	< .28		< 2.5			< 2.2			< 2.2		< 2.2		< 2.2
1,2-cis-Dichloroethene	0001565	70	7			< .12	< .2	< .2	< .2	< .21		< 0.42			< 0.26			< 0.26		< 0.26		< 0.26
1,2-Dichlorobenzene	0000955	600	60			< .13	< .16	< .16	< .16	< .19		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
1,2-Dichloroethane	0001070	5	0.5			< .22	< .16	< .16	< .16	< .24		< 0.48			< 0.17			< 0.17		< 0.17		< 0.17
1,2-Dichloropropane	0000788	5	0.5			< .21	< .22	< .22	< .22	< .2		< 0.50			< 0.23			< 0.23		< 0.23		< 0.23
1,2-trans-Dichloroethen	0001566	100	20			< .13	< .26	< .26	< .26	< .19		< 0.37			< 0.24			< 0.26		< 0.26		< 0.26
1,4-Dichlorobenzene	0001064	75	15			< .13	< .22	< .22	< .22	< .22		< 0.43			< 0.50			< 0.50		< 0.50		< 0.50
124TRIMTHLBENZEN	0000956	480	96			< .12	< .18	< .18	< .18	< .24		< 0.57			< 0.50			< 0.50		< 0.50		< 0.50
135TRIMTHLBENZEN	0001086	480	96			< .12	< .2	< .2	< .2	< .25		< 2.5			< 0.50			< 0.50		< 0.50		< 0.50
2-Chlorotoluene	0000954	NSE	NSE			< .15	< .2	< .2	< .2	< .26		< 0.48			< 0.50			< 0.50		< 0.50		< 0.50
Acetone	0000676	9000	1800			4.3	< 4.2	< 4.2	5.9	< 4.2		< 2.6			3.1			< 3.0		< 3.0		< 3.0
Benzene	0000714	5	0.5			< .13	< .2	< .2	< .2	< .26		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Chloroethane	0000750	400	80			< .67	< 1.5	< 1.5	< 1.5	< 2.1		< 0.44			< 0.37			< 0.37		< 0.37		< 0.37
Chloroform	0000676	6	0.6			.25	< .2	< .2	< .2	< .23		< 0.69			< 2.5			< 2.5		< 2.5		< 2.5
Chloromethane	0000748	30	3			< .28	< .23	< .23	< .23	< .24		< 0.39			< 0.50			< 0.50		< 0.50		< 0.50
Dichlorodifluoromethan	0000757	1000	200			< .13	< .29	< .29	< .29	< .19		< 0.40			< 0.16			< 0.22		< 0.22		< 0.22
Ethylbenzene	0001004	700	140			< .12	< .21	< .21	< .21	< .22		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Fluorotrichloromethane	0000756	3490	698			< .11	< .32	< .32	< .32	< .25		< 0.48			< 0.17			< 0.18		< 0.18		< 0.18
Hexachlorobutadiene	0000876	NSE	NSE			< .36	< .45	< .45	< .45	< .23		< 1.3			< 2.1			< 2.1		< 2.1		< 2.1
Isopropyl Alcohol	0000676	NSE	NSE			< 14	< 8.3	9.5	30	12		< 40.8			36.0			< 24.3		< 24.3		< 24.3
Isopropyl ether	0001082	NSE	NSE			< .2	< .25	< .25	< .25	< .19		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50
Isopropylbenzene	0000988	NSE	NSE			< .1	< .22	< .22	< .22	< .22		< 0.34			< 0.12			< 0.14		< 0.14		< 0.14
Methyl Ethyl Ketone	0000789	4000	800			< 1	< 1	< 1	< 1	< 1		< 2.7			< 3.0			< 3.0		< 3.0		< 3.0
Methyl Isobutyl Ketone	0001081	500	50			< .64	< .53	< .53	< .53	< .31		< 2.3			< 2.1			< 2.1		< 2.1		< 2.1
Methyl tert-butyl Ether	0016340	60	12			< .13	< .28	< .28	< .28	< .19		< 0.49			< 0.17			< 0.17		< 0.17		< 0.17
Methylene Chloride	0000750	5	0.5			< .27	< .48	< .48	< .48	< .4		< 0.36			< 0.23			< 0.23		< 0.23		< 0.23
Naphthalene	0000912	100	10			< .31	< .41	< .41	< .41	< .32		< 2.5			< 2.5			< 2.5		< 2.5		< 2.5
n-Butylbenzene	0001045	NSE	NSE			< .14	< .18	< .18	< .18	< .24		< 0.40			< 0.22			< 0.50		< 0.50		< 0.50
p-Isopropyltoluene	0000998	NSE	NSE			< .11	< .19	< .19	< .19	< .2		< 0.40			< 0.13			< 0.50		< 0.50		< 0.50
Styrene	0001004	100	10			< .11	< .17	< .17	< .17	< .19		< 0.35			< 0.15			< 0.50		< 0.50		< 0.50
Tetrachloroethene	0001271	5	0.5			< .18	< .21	< .21	< .21	< .15		< 0.47			< 0.50			< 0.50		< 0.50		< 0.50
Toluene	0001088	800	160			< .16	< .17	< .17	< .17	< .23		< 0.44			< 0.50			< 0.50		< 0.50		< 0.50
Total TriMthBenzenes	TOTALT	480	96			< .12	< .18	< .18	< .18	< .24		< .57			< .5			< 1		< 1		< 1
Total Xylenes	TOTAL X	2000	400			< .16	< .24	< .24	< .24	< .22		< .5			< .5			< 1.5		< 1.5		< 1.5
Trichloroethene	0000790	5	0.5			< .16	< .17	< .17	< .17	< .25		< 0.43			< 0.33			< 0.33		< 0.33		< 0.33
Vinyl Chloride	0000750	0.2	0.02			< .17	< .18	< .18	< .18	< .15		< 0.18			< 0.18			< 0.18		< 0.18		< 0.18
Xylene - M & P	1796012	2000	400			< .22	< .33	< .33	< .33	< .46		< 0.82			< 1.0			< 1.0		< 1.0		< 1.0
Xylene - O	0000954	2000	400			< .16	< .24	< .24	< .24	< .22		< 0.50			< 0.50			< 0.50		< 0.50		< 0.50

404	TW-1	RESULTS MONTH/YEAR																				
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40							980	920	515	3810		<u>108</u>	455		<u>65.4</u>	21.9	23.8	8.3	32.1
1,1,2-Trichloroethane	0000790	5	0.5							< 450	< 510	< 39.0	< 195		< 7.8	< 62.2		< 9.9	< 4.9	< 4.9	< 2.0	< 2.0
1,1-Dichloroethane	0000753	850	85							<u>450</u>	<u>440</u>	<u>624</u>	<u>665</u>		<u>85.7</u>	<u>316</u>		<u>86.1</u>	54.9	62.4	<u>137</u>	<u>208</u>
1,1-Dichloroethene	0000753	7	0.7							< 420	< 400	< 42.7	< 213		< 20.5	< 164		< 20.5	< 10.3	< 10.3	< 4.1	< 4.1
1,2,3-Trichlorobenzene	0000876	NSE	NSE							< 540	< 520	< 76.8	< 384		< 107	< 853		< 107	< 53.3	< 53.3	< 21.3	< 21.3
1,2,4-Trichlorobenzene	0001208	70	14							< 640	< 560	< 250	< 1250		< 110	< 884		< 110	< 55.2	< 55.2	< 22.1	< 22.1
1,2-cis-Dichloroethene	0001565	70	7							6000	6600	8730	8690		543	2140		158	<u>39.7</u>	<u>42.4</u>	<u>14.5</u>	164
1,2-Dichlorobenzene	0000955	600	60							< 320	< 370	< 43.9	< 219		39.0	< 200		34.8	26.7	21.9	18.5	23.9
1,2-Dichloroethane	0001070	5	0.5							< 330	< 490	< 47.6	< 238		< 8.4	< 67.1		< 8.4	< 4.2	< 4.2	< 1.7	<u>2.7</u>
1,2-Dichloropropane	0000788	5	0.5							< 430	< 390	< 49.8	< 249		< 11.7	< 93.2		< 11.7	< 5.8	< 5.8	< 2.3	< 2.3
1,2-trans-Dichloroethen	0001566	100	20							< 520	< 390	< 37.1	< 186		< 11.9	< 103		< 12.8	< 6.4	< 6.4	< 2.6	3.0
1,4-Dichlorobenzene	0001064	75	15							< 440	< 440	< 43.4	< 217		< 25.0	< 200		< 25.0	< 12.5	< 12.5	< 5.0	< 5.0
124TRIMTHLBENZEN	0000956	480	96							1000	1100	731	1050		848	648		1320	905	625	608	630
135TRIMTHLBENZEN	0001086	480	96							< 390	< 510	< 250	<u>321</u>		<u>244</u>	< 200		<u>411</u>	<u>274</u>	<u>178</u>	<u>193</u>	<u>195</u>
2-Chlorotoluene	0000954	NSE	NSE							< 400	< 510	< 47.7	< 238		< 25.0	< 200		< 25.0	< 12.5	< 12.5	< 5.0	< 5.0
Acetone	0000676	9000	1800							< 8300	< 8300	< 259	< 1290		< 148	< 1180		< 148	< 73.8	268	29.8	< 29.5
Benzene	0000714	5	0.5							< 390	< 510	< 50.0	< 250		< 25.0	< 200		< 25.0	< 12.5	< 12.5	< 5.0	< 5.0
Chloroethane	0000750	400	80							< 3000	< 4100	< 44.4	< 222		< 18.7	< 150		< 18.7	< 9.4	< 9.4	72.6	<u>109</u>
Chloroform	0000676	6	0.6							< 400	< 450	< 68.9	< 344		< 125	< 1000		< 125	< 62.5	< 62.5	< 25.0	< 25.0
Chloromethane	0000748	30	3							< 470	< 480	< 38.8	< 194		< 25.0	< 200		< 25.0	< 12.5	< 12.5	< 5.0	< 5.0
Dichlorodifluoromethan	0000757	1000	200							< 580	< 380	< 40.1	< 200		< 7.8	< 81.0		< 11.2	9.7	< 5.6	22.2	19.2
Ethylbenzene	0001004	700	140							5300	6500	3550	6440		2820	4600		2990	1460	2030	860	917
Fluorotrichloromethane	0000756	3490	698							< 630	< 510	< 47.7	< 238		< 8.6	< 69.0		< 9.2	< 4.6	< 4.6	< 1.8	< 1.8
Hexachlorobutadiene	0000876	NSE	NSE							< 890	< 450	< 126	< 629		< 105	< 842		< 105	< 52.6	< 52.6	< 21.1	< 21.1
Isopropyl Alcohol	0000676	NSE	NSE							< 1700	< 1300	< 4080	< 20400		< 1220	< 9740		< 1220	< 609	< 609	< 243	< 243
Isopropyl ether	0001082	NSE	NSE							< 490	< 380	< 50.0	< 250		< 25.0	< 200		< 25.0	< 12.5	< 12.5	< 5.0	< 5.0
Isopropylbenzene	0000988	NSE	NSE							< 430	< 440	69.2	< 170		76.6	71.2		110	85.4	68.9	51.4	64.2
Methyl Ethyl Ketone	0000789	4000	800							< 2000	< 2000	< 270	< 1350		< 149	< 1190		< 149	< 74.5	81.4	< 29.8	< 29.8
Methyl Isobutyl Ketone	0001081	500	50							< 1100	< 630	< 234	< 1170		< 107	< 856		< 107	< 53.5	< 53.5	< 21.4	< 21.4
Methyl tert-butyl Ether	0016340	60	12							< 570	< 380	< 49.4	< 247		< 8.7	< 69.7		< 8.7	< 4.4	< 4.4	< 1.7	3.2
Methylene Chloride	0000750	5	0.5							< 960	< 800	< 35.9	< 179		< 11.6	< 93.0		< 11.6	< 5.8	< 5.8	<u>4.0</u>	54.9
Naphthalene	0000912	100	10							< 810	< 640	< 250	< 1250		< 125	< 1000		< 125	< 62.5	< 62.5	<u>67.3</u>	<u>68.5</u>
n-Butylbenzene	0001045	NSE	NSE							< 360	< 490	< 40.0	< 200		38.4	< 200		< 25.0	27.2	< 12.5	< 5.0	< 5.0
p-Isopropyltoluene	0000998	NSE	NSE							< 380	< 410	< 39.7	< 199		< 25.0	< 200		< 25.0	< 12.5	< 12.5	5.8	5.4
Styrene	0001004	100	10							< 340	< 390	< 35.0	< 175		< 25.0	< 200		< 25.0	< 12.5	< 12.5	< 5.0	< 5.0
Tetrachloroethene	0001271	5	0.5							< 410	< 290	< 47.2	< 236		< 25.0	< 200		< 25.0	< 12.5	< 12.5	< 5.0	5.1
Toluene	0001088	800	160							25000	25000	17500	33300		4750	17200		3790	1660	1670	<u>656</u>	69.4
Total TriMthBenzenes	TOTALT	480	96							1000	1100	< 250	< 250		< 25	648		1731	1179	803	801	825
Total Xylenes	TOTAL X	2000	400							22600	26300	< 50	< 250		< 25	20920		13180	6250	8810	4290	3473
Trichloroethene	0000790	5	0.5							< 330	< 500	< 42.9	< 182		< 16.5	< 132		< 16.5	< 8.3	< 8.3	< 3.3	7.2
Vinyl Chloride	0000750	0.2	0.02							< 370	< 300	97.0	217		66.9	165		73.8	37.1	31.1	14.3	34.9
Xylene - M & P	1796012	2000	400							17000	20000	11200	19400		8440	16200		10000	4680	6680	3150	3200
Xylene - O	0000954	2000	400							5600	6300	3580	6420		2500	4720		3180	<u>1570</u>	2130	<u>1140</u>	273

500	RW-1	RESULTS MONTH/YEAR																							
		DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40																						
1,1,2-Trichloroethane	0000790	5	0.5																						
1,1-Dichloroethane	0000753	850	85																						
1,1-Dichloroethene	0000753	7	0.7																						
1,2,3-Trichlorobenzene	0000876	NSE	NSE																						
1,2,4-Trichlorobenzene	0001208	70	14																						
1,2-cis-Dichloroethene	0001565	70	7																						
1,2-Dichlorobenzene	0000955	600	60																						
1,2-Dichloroethane	0001070	5	0.5																						
1,2-Dichloropropane	0000788	5	0.5																						
1,2-trans-Dichloroethen	0001566	100	20																						
1,4-Dichlorobenzene	0001064	75	15																						
124TRIMTHLBENZEN	0000956	480	96																						
135TRIMTHLBENZEN	0001086	480	96																						
2-Chlorotoluene	0000954	NSE	NSE																						
Acetone	0000676	9000	1800																						
Benzene	0000714	5	0.5																						
Chloroethane	0000750	400	80																						
Chloroform	0000676	6	0.6																						
Chloromethane	0000748	30	3																						
Dichlorodifluoromethan	0000757	1000	200																						
Ethylbenzene	0001004	700	140																						
Fluorotrichloromethane	0000756	3490	698																						
Hexachlorobutadiene	0000876	NSE	NSE																						
Isopropyl Alcohol	0000676	NSE	NSE																						
Isopropyl ether	0001082	NSE	NSE																						
Isopropylbenzene	0000988	NSE	NSE																						
Methyl Ethyl Ketone	0000789	4000	800																						
Methyl Isobutyl Ketone	0001081	500	50																						
Methyl tert-butyl Ether	0016340	60	12																						
Methylene Chloride	0000750	5	0.5																						
Naphthalene	0000912	100	10																						
n-Butylbenzene	0001045	NSE	NSE																						
p-Isopropyltoluene	0000998	NSE	NSE																						
Styrene	0001004	100	10																						
Tetrachloroethene	0001271	5	0.5																						
Toluene	0001088	800	160																						
Total TriMthBenzenes	TOTALT	480	96																						
Total Xylenes	TOTAL X	2000	400																						
Trichloroethene	0000790	5	0.5																						
Vinyl Chloride	0000750	0.2	0.02																						
Xylene - M & P	1796012	2000	400																						
Xylene - O	0000954	2000	400																						

503	RW-2	RESULTS MONTH/YEAR																					
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40																				1220
1,1,2-Trichloroethane	0000790	5	0.5																				11.2
1,1-Dichloroethane	0000753	850	85																				99.8
1,1-Dichloroethene	0000753	7	0.7																				30.7
1,2,3-Trichlorobenzene	0000876	NSE	NSE																				< 21.3
1,2,4-Trichlorobenzene	0001208	70	14																				< 22.1
1,2-cis-Dichloroethene	0001565	70	7																				954
1,2-Dichlorobenzene	0000955	600	60																				< 5.0
1,2-Dichloroethane	0001070	5	0.5																				5.8
1,2-Dichloropropane	0000788	5	0.5																				8.9
1,2-trans-Dichloroethen	0001566	100	20																				< 2.6
1,4-Dichlorobenzene	0001064	75	15																				< 5.0
124TRIMTHLBENZEN	0000956	480	96																				< 5.0
135TRIMTHLBENZEN	0001086	480	96																				< 5.0
2-Chlorotoluene	0000954	NSE	NSE																				< 5.0
Acetone	0000676	9000	1800																				68.5
Benzene	0000714	5	0.5																				< 5.0
Chloroethane	0000750	400	80																				68.4
Chloroform	0000676	6	0.6																				< 25.0
Chloromethane	0000748	30	3																				< 5.0
Dichlorodifluoromethan	0000757	1000	200																				< 2.2
Ethylbenzene	0001004	700	140																				15.8
Fluorotrichloromethane	0000756	3490	698																				< 1.8
Hexachlorobutadiene	0000876	NSE	NSE																				< 21.1
Isopropyl Alcohol	0000676	NSE	NSE																				< 243
Isopropyl ether	0001082	NSE	NSE																				< 5.0
Isopropylbenzene	0000988	NSE	NSE																				< 1.4
Methyl Ethyl Ketone	0000789	4000	800																				< 29.8
Methyl Isobutyl Ketone	0001081	500	50																				260
Methyl tert-butyl Ether	0016340	60	12																				< 1.7
Methylene Chloride	0000750	5	0.5																				12.0
Naphthalene	0000912	100	10																				< 25.0
n-Butylbenzene	0001045	NSE	NSE																				< 5.0
p-Isopropyltoluene	0000998	NSE	NSE																				< 5.0
Styrene	0001004	100	10																				< 5.0
Tetrachloroethene	0001271	5	0.5																				41.9
Toluene	0001088	800	160																				188
Total TriMthBenzenes	TOTALT	480	96																				< 10
Total Xylenes	TOTAL X	2000	400																				< 15
Trichloroethene	0000790	5	0.5																				27.0
Vinyl Chloride	0000750	0.2	0.02																				13.1
Xylene - M & P	1796012	2000	400																				< 10.0
Xylene - O	0000954	2000	400																				12.7

506	RW-3	RESULTS MONTH/YEAR																					
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40										< 886										
1,1,2-Trichloroethane	0000790	5	0.5										< 780										
1,1-Dichloroethane	0000753	850	85										< 570										
1,1-Dichloroethene	0000753	7	0.7										< 854										
1,2,3-Trichlorobenzene	0000876	NSE	NSE										< 1540										
1,2,4-Trichlorobenzene	0001208	70	14										< 5000										
1,2-cis-Dichloroethene	0001565	70	7										< 838										
1,2-Dichlorobenzene	0000955	600	60										< 877										
1,2-Dichloroethane	0001070	5	0.5										< 953										
1,2-Dichloropropane	0000788	5	0.5										< 996										
1,2-trans-Dichloroethen	0001566	100	20										< 743										
1,4-Dichlorobenzene	0001064	75	15										< 869										
124TRIMTHLBENZEN	0000956	480	96										< 1000										
135TRIMTHLBENZEN	0001086	480	96										< 1000										
2-Chlorotoluene	0000954	NSE	NSE										< 953										
Acetone	0000676	9000	1800										248000										
Benzene	0000714	5	0.5										< 1000										
Chloroethane	0000750	400	80										< 887										
Chloroform	0000676	6	0.6										< 1380										
Chloromethane	0000748	30	3										< 775										
Dichlorodifluoromethan	0000757	1000	200										< 802										
Ethylbenzene	0001004	700	140										< 1000										
Fluorotrichloromethane	0000756	3490	698										< 953										
Hexachlorobutadiene	0000876	NSE	NSE										< 2510										
Isopropyl Alcohol	0000676	NSE	NSE										135000										
Isopropyl ether	0001082	NSE	NSE										< 1000										
Isopropylbenzene	0000988	NSE	NSE										< 682										
Methyl Ethyl Ketone	0000789	4000	800										253000										
Methyl Isobutyl Ketone	0001081	500	50										< 4680										
Methyl tert-butyl Ether	0016340	60	12										< 987										
Methylene Chloride	0000750	5	0.5										< 717										
Naphthalene	0000912	100	10										< 5000										
n-Butylbenzene	0001045	NSE	NSE										< 799										
p-Isopropyltoluene	0000998	NSE	NSE										< 794										
Styrene	0001004	100	10										< 700										
Tetrachloroethene	0001271	5	0.5										< 944										
Toluene	0001088	800	160										23200										
Total TriMthBenzenes	TOTALT	480	96										< 1000										
Total Xylenes	TOTAL X	2000	400										< 1000										
Trichloroethene	0000790	5	0.5										< 728										
Vinyl Chloride	0000750	0.2	0.02										< 370										
Xylene - M & P	1796012	2000	400										< 1630										
Xylene - O	0000954	2000	400										< 1000										

509	RW-4	RESULTS MONTH/YEAR																					
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40																				2.3
1,1,2-Trichloroethane	0000790	5	0.5																				< 0.79
1,1-Dichloroethane	0000753	850	85																				2.0
1,1-Dichloroethene	0000753	7	0.7																				< 1.6
1,2,3-Trichlorobenzene	0000876	NSE	NSE																				< 8.5
1,2,4-Trichlorobenzene	0001208	70	14																				< 8.8
1,2-cis-Dichloroethene	0001565	70	7																				1.7
1,2-Dichlorobenzene	0000955	600	60																				< 2.0
1,2-Dichloroethane	0001070	5	0.5																				< 0.67
1,2-Dichloropropane	0000788	5	0.5																				< 0.93
1,2-trans-Dichloroethen	0001566	100	20																				< 1.0
1,4-Dichlorobenzene	0001064	75	15																				< 2.0
124TRIMTHLBENZEN	0000956	480	96																				< 2.0
135TRIMTHLBENZEN	0001086	480	96																				< 2.0
2-Chlorotoluene	0000954	NSE	NSE																				< 2.0
Acetone	0000676	9000	1800																				161
Benzene	0000714	5	0.5																				< 2.0
Chloroethane	0000750	400	80																				2.5
Chloroform	0000676	6	0.6																				< 10.0
Chloromethane	0000748	30	3																				< 2.0
Dichlorodifluoromethan	0000757	1000	200																				< 0.90
Ethylbenzene	0001004	700	140																				< 2.0
Fluorotrichloromethane	0000756	3490	698																				< 0.74
Hexachlorobutadiene	0000876	NSE	NSE																				< 8.4
Isopropyl Alcohol	0000676	NSE	NSE																				< 97.4
Isopropyl ether	0001082	NSE	NSE																				< 2.0
Isopropylbenzene	0000988	NSE	NSE																				< 0.57
Methyl Ethyl Ketone	0000789	4000	800																				23.8
Methyl Isobutyl Ketone	0001081	500	50																				< 8.6
Methyl tert-butyl Ether	0016340	60	12																				< 0.70
Methylene Chloride	0000750	5	0.5																				1.4
Naphthalene	0000912	100	10																				< 10.0
n-Butylbenzene	0001045	NSE	NSE																				< 2.0
p-Isopropyltoluene	0000998	NSE	NSE																				< 2.0
Styrene	0001004	100	10																				< 2.0
Tetrachloroethene	0001271	5	0.5																				< 2.0
Toluene	0001088	800	160																				< 2.0
Total TriMthBenzenes	TOTALT	480	96																				< 4
Total Xylenes	TOTAL X	2000	400																				< 6
Trichloroethene	0000790	5	0.5																				< 1.3
Vinyl Chloride	0000750	0.2	0.02																				< 0.70
Xylene - M & P	1796012	2000	400																				< 4.0
Xylene - O	0000954	2000	400																				< 2.0

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	< 220				< .22		< .21	< .21	< 0.44							< 0.50	< 0.50	0.62	
1,1,2-Trichloroethane	0000790	5	0.5	< 230				< .23		< .25	< .25	< 0.39							< 0.20	< 0.20	< 0.20	
1,1-Dichloroethane	0000753	850	85	< 210				.66		< .19	.32	39.3							< 0.24	<u>120</u>	<u>240</u>	
1,1-Dichloroethene	0000753	7	0.7	< 210				< .21		< .2	< .2	< 0.43							< 0.41	< 0.41	< 0.41	
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< 270				< .27		< .26	< .26	< 0.77							< 2.1	< 2.1	< 2.1	
1,2,4-Trichlorobenzene	0001208	70	14	< 320				< .32		< .28	< .28	< 2.5							< 2.2	< 2.2	< 2.2	
1,2-cis-Dichloroethene	0001565	70	7	< 200				< .2		< .21	< .21	2.2							< 0.26	<u>10.0</u>	73.1	
1,2-Dichlorobenzene	0000955	600	60	< 160				< .16		< .19	< .19	1.4							< 0.50	< 0.50	< 0.50	
1,2-Dichloroethane	0001070	5	0.5	< 160				< .16		< .24	< .24	< 0.48							< 0.17	<u>0.66</u>	<u>0.93</u>	
1,2-Dichloropropane	0000788	5	0.5	< 220				< .22		< .2	< .2	< 0.50							< 0.23	0.30	0.39	
1,2-trans-Dichloroethen	0001566	100	20	< 260				< .26		< .19	< .19	< 0.37							< 0.26	0.86	1.4	
1,4-Dichlorobenzene	0001064	75	15	< 220				< .22		< .22	< .22	< 0.43							< 0.50	< 0.50	< 0.50	
124TRIMTHLBENZEN	0000956	480	96	620				< .18		< .24	< .24	< 0.57							< 0.50	< 0.50	< 0.50	
135TRIMTHLBENZEN	0001086	480	96	<u>240</u>				< .2		< .25	< .25	< 2.5							< 0.50	< 0.50	< 0.50	
2-Chlorotoluene	0000954	NSE	NSE	< 200				< .2		< .26	< .26	< 0.48							< 0.50	< 0.50	< 0.50	
Acetone	0000676	9000	1800	< 4200				< 4.2		5.2	35	3.2							7.5	3.6	< 3.0	
Benzene	0000714	5	0.5	< 200				< .2		< .26	< .26	< 0.50							< 0.50	< 0.50	<u>0.72</u>	
Chloroethane	0000750	400	80	< 1500				< 1.5		< 2.1	< 2.1	< 0.44							< 0.37	3.1	12.9	
Chloroform	0000676	6	0.6	< 200				< .2		< .23	< .23	< 0.69							< 2.5	< 2.5	< 2.5	
Chloromethane	0000748	30	3	< 230				< .23		< .24	< .24	< 0.39							< 0.50	< 0.50	< 0.50	
Dichlorodifluoromethan	0000757	1000	200	< 290				< .29		< .19	< .19	< 0.40							< 0.22	< 0.22	< 0.22	
Ethylbenzene	0001004	700	140	5000				< .21		< .22	1.1	0.60							< 0.50	< 0.50	< 0.50	
Fluorotrichloromethane	0000756	3490	698	< 320				< .32		< .25	< .25	< 0.48							< 0.18	< 0.18	< 0.18	
Hexachlorobutadiene	0000876	NSE	NSE	< 450				< .45		< .23	< .23	< 1.3							< 2.1	< 2.1	< 2.1	
Isopropyl Alcohol	0000676	NSE	NSE	< 8300				< 8.3		8.8	< 6.3	< 40.8							< 24.3	< 24.3	< 24.3	
Isopropyl ether	0001082	NSE	NSE	< 250				< .25		.26	< .19	< 0.50							< 0.50	< 0.50	< 0.50	
Isopropylbenzene	0000988	NSE	NSE	< 220				< .22		< .22	< .22	0.68							< 0.14	< 0.14	< 0.14	
Methyl Ethyl Ketone	0000789	4000	800	< 1000				< 1		2	1.5	< 2.7							< 3.0	< 3.0	< 3.0	
Methyl Isobutyl Ketone	0001081	500	50	< 530				< .53		< .31	< .31	< 2.3							< 2.1	< 2.1	< 2.1	
Methyl tert-butyl Ether	0016340	60	12	< 280				< .28		1.3	1.3	1.5							< 0.17	0.78	0.66	
Methylene Chloride	0000750	5	0.5	< 480				<u>1.9</u>		< .4	<u>.57</u>	< 0.36							<u>0.67</u>	<u>2.3</u>	<u>1.3</u>	
Naphthalene	0000912	100	10	< 410				< .41		< .32	< .32	< 2.5							< 2.5	< 2.5	< 2.5	
n-Butylbenzene	0001045	NSE	NSE	< 180				< .18		< .24	< .24	< 0.40							< 0.50	< 0.50	< 0.50	
p-Isopropyltoluene	0000998	NSE	NSE	< 190				< .19		< .2	< .2	< 0.40							< 0.50	< 0.50	< 0.50	
Styrene	0001004	100	10	< 170				< .17		< .19	< .19	< 0.35							< 0.50	< 0.50	< 0.50	
Tetrachloroethene	0001271	5	0.5	< 210				< .21		< .15	< .15	< 0.47							< 0.50	< 0.50	< 0.50	
Toluene	0001088	800	160	2700				< .17		< .23	< .23	0.57							< 0.50	< 0.50	< 0.50	
Total TriMthBenzenes	TOTALT	480	96	860				< .18		< .24	< .24	< .57							< 1	< 1	< 1	
Total Xylenes	TOTAL X	2000	400	21000				< .24		< .22	< .22	< .5							< 1.5	< 1.5	< 1.5	
Trichloroethene	0000790	5	0.5	< 170				< .17		< .25	.26	<u>1.0</u>							< 0.33	< 0.33	<u>0.74</u>	
Vinyl Chloride	0000750	0.2	0.02	< 180				< .18		< .15	< .15	4.2							< 0.18	6.2	29.3	
Xylene - M & P	1796012	2000	400	17000				< .33		< .46	< .46	< 0.82							< 1.0	< 1.0	< 1.0	
Xylene - O	0000954	2000	400	4000				< .24		< .22	< .22	0.80							< 0.50	< 0.50	< 0.50	

515	RW-6	RESULTS MONTH/YEAR																				
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40										< 44.3		< 50.0			< 210		< 50.0		< 98
1,1,2-Trichloroethane	0000790	5	0.5										< 39.0		< 15.5			< 190		< 19.7		< 98
1,1-Dichloroethane	0000753	850	85										47.4		<u>88</u>	<u>139</u>		< 200		54.6		< 94
1,1-Dichloroethene	0000753	7	0.7										< 42.7		< 41.0			< 200		< 41.0		< 98
1,2,3-Trichlorobenzene	0000876	NSE	NSE										< 76.8		< 213			< 150		< 213		< 190
1,2,4-Trichlorobenzene	0001208	70	14										< 250		< 221			< 160		< 221		< 100
1,2-cis-Dichloroethene	0001565	70	7										301		110	83.7		< 240		<u>39.3</u>		< 120
1,2-Dichlorobenzene	0000955	600	60										< 43.9		< 50.0			< 140		< 50.0		< 100
1,2-Dichloroethane	0001070	5	0.5										< 47.6		< 16.8			< 260		< 16.8		< 110
1,2-Dichloropropane	0000788	5	0.5										< 49.8		< 23.3			< 170		< 23.3		< 140
1,2-trans-Dichloroethen	0001566	100	20										< 37.1		< 25.7			< 200		< 25.7		< 85
1,4-Dichlorobenzene	0001064	75	15										< 43.4		< 50.0			< 260		< 50.0		< 130
124TRIMTHLBENZEN	0000956	480	96										< 50.0		22	< 50.0		< 160		< 50.0		< 100
135TRIMTHLBENZEN	0001086	480	96										< 50.0		10	< 50.0		< 210		< 50.0		< 110
2-Chlorotoluene	0000954	NSE	NSE										< 47.7		< 50.0			< 220		< 50.0		< 130
Acetone	0000676	9000	1800										543		<u>2200</u>	<u>6660</u>		< 3300		<u>3740</u>		< 500
Benzene	0000714	5	0.5										< 50.0		33	< 50.0		< 240		< 50.0		< 120
Chloroethane	0000750	400	80										<u>296</u>		<u>190</u>	<u>264</u>		< 200		<u>273</u>		< 110
Chloroform	0000676	6	0.6										< 68.9		< 250			< 200		< 250		< 110
Chloromethane	0000748	30	3										< 38.8		< 50.0			< 170		< 50.0		< 110
Dichlorodifluoromethan	0000757	1000	200										< 40.1		< 20.3			< 220		< 22.4		< 83
Ethylbenzene	0001004	700	140										1080		<u>400</u>	<u>401</u>		850		978		920
Fluorotrichloromethane	0000756	3490	698										< 47.7		< 17.2			< 230		< 18.5		< 100
Hexachlorobutadiene	0000876	NSE	NSE										< 126		< 211			< 190		< 211		< 150
Isopropyl Alcohol	0000676	NSE	NSE										< 4080		2100	3240		< 4700		3910		< 2200
Isopropyl ether	0001082	NSE	NSE										< 50.0		13	< 50.0		< 190		< 50.0		< 110
Isopropylbenzene	0000988	NSE	NSE										< 34.1		< 14.3			< 190		< 14.3		< 93
Methyl Ethyl Ketone	0000789	4000	800										< 270		310	735		< 800		533		<u>950</u>
Methyl Isobutyl Ketone	0001081	500	50										1110		1100	1230		570		1030		<u>310</u>
Methyl tert-butyl Ether	0016340	60	12										< 49.4		< 17.4			< 230		< 17.4		< 100
Methylene Chloride	0000750	5	0.5										51.5		< 23.3			< 200		< 23.3		< 120
Naphthalene	0000912	100	10										< 250		< 250			< 270		< 250		< 220
n-Butylbenzene	0001045	NSE	NSE										< 40.0		< 50.0			< 160		< 50.0		< 100
p-Isopropyltoluene	0000998	NSE	NSE										< 39.7		< 50.0			< 170		< 50.0		< 88
Styrene	0001004	100	10										< 35.0		< 50.0			< 150		< 50.0		< 93
Tetrachloroethene	0001271	5	0.5										< 47.2		< 50.0			< 170		< 50.0		< 110
Toluene	0001088	800	160										11500		9200	11000		7500		11100		4700
Total TriMthBenzenes	TOTALT	480	96										< 50		32	< 100		< 560		< 100		< 120
Total Xylenes	TOTAL X	2000	400										< 50		2630	2311		<u>1950</u>		3097		2300
Trichloroethene	0000790	5	0.5										< 36.4		< 33.1			< 240		< 33.1		< 160
Vinyl Chloride	0000750	0.2	0.02										151		110	87.6		< 120		43.3		< 85
Xylene - M & P	1796012	2000	400										2310		2000	<u>1830</u>		<u>1600</u>		2450		<u>1800</u>
Xylene - O	0000954	2000	400										<u>607</u>		<u>630</u>	<u>481</u>		350		<u>647</u>		<u>500</u>

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40										< 2.2		< 2.5			< 2		< 2.5		< 2.4
1,1,2-Trichloroethane	0000790	5	0.5										< 1.9		< 0.78			< 2		< 0.99		< 7.1
1,1-Dichloroethane	0000753	850	85										<u>90.2</u>		<u>140</u>	<u>91.4</u>		50		39.9		< 2.4
1,1-Dichloroethene	0000753	7	0.7										<u>6.8</u>		34	11.9		< 1.5		< 2.1		42
1,2,3-Trichlorobenzene	0000876	NSE	NSE										< 3.8		< 10.7			< 2.3		< 10.7		< 4.7
1,2,4-Trichlorobenzene	0001208	70	14										< 12.5		< 11.0			< 2.4		< 11.0		< 3.7
1,2-cis-Dichloroethene	0001565	70	7										391		1100	471		93		<u>7.9</u>		<u>9.7</u>
1,2-Dichlorobenzene	0000955	600	60										< 2.2		< 2.5			< 1.6		< 2.5		< 2.6
1,2-Dichloroethane	0001070	5	0.5										<u>3.4</u>		<u>2.9</u>			< 2		< 0.84		< 2.7
1,2-Dichloropropane	0000788	5	0.5										<u>3.3</u>		<u>3.1</u>			< 2.9		< 1.2		< 3.5
1,2-trans-Dichloroethen	0001566	100	20										8.3		9.7			2.9		2.3		2.4
1,4-Dichlorobenzene	0001064	75	15										< 2.2		< 2.5			< 2		< 2.5		< 3.4
124TRIMTHLBENZEN	0000956	480	96										2.6		2.5			4.8		3.5		6.3
135TRIMTHLBENZEN	0001086	480	96										< 2.5		< 2.5			< 2.1		< 2.5		< 2.7
2-Chlorotoluene	0000954	NSE	NSE										< 2.4		< 2.5			< 2		< 2.5		< 3.2
Acetone	0000676	9000	1800										< 12.9		< 14.8			< 42		< 14.8		< 52
Benzene	0000714	5	0.5										10.2		12.5			8.1		10.8		11
Chloroethane	0000750	400	80										<u>164</u>		<u>180</u>	<u>223</u>		<u>110</u>		73.4		< 3.1
Chloroform	0000676	6	0.6										< 3.4		< 12.5			< 1.4		< 12.5		< 2.8
Chloromethane	0000748	30	3										< 1.9		< 2.5			< 1.4		< 2.5		< 2.8
Dichlorodifluoromethan	0000757	1000	200										< 2.0		< 1.0			4.6		< 1.1		< 2.1
Ethylbenzene	0001004	700	140										<u>149</u>		110			61		<u>262</u>		<u>200</u>
Fluorotrichloromethane	0000756	3490	698										< 2.4		< 0.86			< 1.9		< 0.92		< 2.5
Hexachlorobutadiene	0000876	NSE	NSE										< 6.3		< 10.5			< 1.9		< 10.5		< 3.8
Isopropyl Alcohol	0000676	NSE	NSE										< 204		< 122			< 84		< 122		< 55
Isopropyl ether	0001082	NSE	NSE										5.1		5.7			5.3		3.6		5.4
Isopropylbenzene	0000988	NSE	NSE										< 1.7		< 0.72			< 1.9		1.6		< 2.3
Methyl Ethyl Ketone	0000789	4000	800										< 13.5		< 14.9			< 10		< 14.9		
Methyl Isobutyl Ketone	0001081	500	50										< 11.7		< 10.7			< 4.2		< 10.7		< 6.7
Methyl tert-butyl Ether	0016340	60	12										< 2.5		< 0.87			< 1.8		< 0.87		< 2.6
Methylene Chloride	0000750	5	0.5										<u>4.0</u>		< 1.2			< 1.8		< 1.2		< 3.0
Naphthalene	0000912	100	10										< 12.5		< 12.5			< 2.7		< 12.5		< 5.4
n-Butylbenzene	0001045	NSE	NSE										< 2.0		< 2.5			< 2.8		< 2.5		< 2.6
p-Isopropyltoluene	0000998	NSE	NSE										< 2.0		< 2.5			< 1.9		< 2.5		< 2.2
Styrene	0001004	100	10										< 1.7		< 2.5			< 1.5		< 2.5		< 2.3
Tetrachloroethene	0001271	5	0.5										< 2.4		< 2.5			< 2.2		< 2.5		< 2.8
Toluene	0001088	800	160										<u>506</u>		<u>270</u>	<u>322</u>		< 2.2		65.7		44
Total TriMthBenzenes	TOTALT	480	96										< 2.5		< 5			4.8		< 5		6.3
Total Xylenes	TOTAL X	2000	400										< 2.5		<u>600</u>	<u>566</u>		322		<u>433.3</u>		349
Trichloroethene	0000790	5	0.5										<u>2.7</u>		<u>3.1</u>			<u>2.9</u>		<u>3.2</u>		< 4.0
Vinyl Chloride	0000750	0.2	0.02										49.6		110	66.8		26		8.3		17
Xylene - M & P	1796012	2000	400										<u>427</u>		<u>470</u>	<u>444</u>		240		348		270
Xylene - O	0000954	2000	400										130		130	122		82		85.3		79

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40																				< 12.5
1,1,2-Trichloroethane	0000790	5	0.5																				< 4.9
1,1-Dichloroethane	0000753	850	85																				< 6.0
1,1-Dichloroethene	0000753	7	0.7																				< 10.3
1,2,3-Trichlorobenzene	0000876	NSE	NSE																				< 53.3
1,2,4-Trichlorobenzene	0001208	70	14																				< 55.2
1,2-cis-Dichloroethene	0001565	70	7																				< 6.4
1,2-Dichlorobenzene	0000955	600	60																				< 12.5
1,2-Dichloroethane	0001070	5	0.5																				< 4.2
1,2-Dichloropropane	0000788	5	0.5																				< 5.8
1,2-trans-Dichloroethen	0001566	100	20																				< 6.4
1,4-Dichlorobenzene	0001064	75	15																				< 12.5
124TRIMTHLBENZEN	0000956	480	96																				< 12.5
135TRIMTHLBENZEN	0001086	480	96																				< 12.5
2-Chlorotoluene	0000954	NSE	NSE																				< 12.5
Acetone	0000676	9000	1800																				<u>3340</u>
Benzene	0000714	5	0.5																				< 12.5
Chloroethane	0000750	400	80																				< 9.4
Chloroform	0000676	6	0.6																				< 62.5
Chloromethane	0000748	30	3																				< 12.5
Dichlorodifluoromethan	0000757	1000	200																				< 5.6
Ethylbenzene	0001004	700	140																				< 12.5
Fluorotrichloromethane	0000756	3490	698																				< 4.6
Hexachlorobutadiene	0000876	NSE	NSE																				< 52.6
Isopropyl Alcohol	0000676	NSE	NSE																				< 609
Isopropyl ether	0001082	NSE	NSE																				< 12.5
Isopropylbenzene	0000988	NSE	NSE																				< 3.6
Methyl Ethyl Ketone	0000789	4000	800																				<u>1340</u>
Methyl Isobutyl Ketone	0001081	500	50																				< 53.5
Methyl tert-butyl Ether	0016340	60	12																				< 4.4
Methylene Chloride	0000750	5	0.5																				< 5.8
Naphthalene	0000912	100	10																				< 62.5
n-Butylbenzene	0001045	NSE	NSE																				< 12.5
p-Isopropyltoluene	0000998	NSE	NSE																				< 12.5
Styrene	0001004	100	10																				< 12.5
Tetrachloroethene	0001271	5	0.5																				< 12.5
Toluene	0001088	800	160																				< 12.5
Total TriMthBenzenes	TOTALT	480	96																				< 25
Total Xylenes	TOTAL X	2000	400																				< 37.5
Trichloroethene	0000790	5	0.5																				< 8.3
Vinyl Chloride	0000750	0.2	0.02																				< 4.4
Xylene - M & P	1796012	2000	400																				< 25.0
Xylene - O	0000954	2000	400																				< 12.5

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40										7							2.0		
1,1,2-Trichloroethane	0000790	5	0.5										< 0.39							< 0.20		
1,1-Dichloroethane	0000753	850	85										3.5							0.36		
1,1-Dichloroethene	0000753	7	0.7										< 0.43							< 0.41		
1,2,3-Trichlorobenzene	0000876	NSE	NSE										< 0.77							< 2.1		
1,2,4-Trichlorobenzene	0001208	70	14										< 2.5							< 2.2		
1,2-cis-Dichloroethene	0001565	70	7										<u>12.5</u>							0.36		
1,2-Dichlorobenzene	0000955	600	60										< 0.44							< 0.50		
1,2-Dichloroethane	0001070	5	0.5										< 0.48							< 0.17		
1,2-Dichloropropane	0000788	5	0.5										< 0.50							< 0.23		
1,2-trans-Dichloroethen	0001566	100	20										< 0.37							< 0.26		
1,4-Dichlorobenzene	0001064	75	15										< 0.43							< 0.50		
124TRIMTHLBENZEN	0000956	480	96										0.58							< 0.50		
135TRIMTHLBENZEN	0001086	480	96										< 0.50							< 0.50		
2-Chlorotoluene	0000954	NSE	NSE										< 0.48							< 0.50		
Acetone	0000676	9000	1800										< 2.6							< 3.0		
Benzene	0000714	5	0.5										< 0.50							< 0.50		
Chloroethane	0000750	400	80										2							< 0.37		
Chloroform	0000676	6	0.6										< 0.69							< 2.5		
Chloromethane	0000748	30	3										< 0.39							< 0.50		
Dichlorodifluoromethan	0000757	1000	200										< 0.40							< 0.22		
Ethylbenzene	0001004	700	140										5.1							< 0.50		
Fluorotrichloromethane	0000756	3490	698										< 0.48							< 0.18		
Hexachlorobutadiene	0000876	NSE	NSE										< 1.3							< 2.1		
Isopropyl Alcohol	0000676	NSE	NSE										< 40.8							< 24.3		
Isopropyl ether	0001082	NSE	NSE										< 0.50							< 0.50		
Isopropylbenzene	0000988	NSE	NSE										< 0.34							< 0.14		
Methyl Ethyl Ketone	0000789	4000	800										< 2.7							< 3.0		
Methyl Isobutyl Ketone	0001081	500	50										< 2.3							< 2.1		
Methyl tert-butyl Ether	0016340	60	12										0.58							< 0.17		
Methylene Chloride	0000750	5	0.5										<u>0.51</u>							<u>1.1</u>		
Naphthalene	0000912	100	10										< 2.5							< 2.5		
n-Butylbenzene	0001045	NSE	NSE										< 0.40							< 0.50		
p-Isopropyltoluene	0000998	NSE	NSE										< 0.40							< 0.50		
Styrene	0001004	100	10										< 0.35							< 0.50		
Tetrachloroethene	0001271	5	0.5										<u>0.77</u>							< 0.50		
Toluene	0001088	800	160										8.4							< 0.50		
Total TriMthBenzenes	TOTALT	480	96										< .5							< 1		
Total Xylenes	TOTAL X	2000	400										< .5							< 1.5		
Trichloroethene	0000790	5	0.5										< 0.36							<u>1.3</u>		
Vinyl Chloride	0000750	0.2	0.02										<u>1.1</u>							< 0.18		
Xylene - M & P	1796012	2000	400										12.6							< 1.0		
Xylene - O	0000954	2000	400										6.1							< 0.50		

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40														1420		1190	831		1500
1,1,2-Trichloroethane	0000790	5	0.5														17.6		< 123	< 98.7		<240
1,1-Dichloroethane	0000753	850	85														26.9		< 151	< 121		<240
1,1-Dichloroethene	0000753	7	0.7														< 20.5		< 256	< 205		<240
1,2,3-Trichlorobenzene	0000876	NSE	NSE														< 107		< 1330	< 1070		<470
1,2,4-Trichlorobenzene	0001208	70	14														< 110		< 1380	< 1100		<370
1,2-cis-Dichloroethene	0001565	70	7														272		< 160	276		350
1,2-Dichlorobenzene	0000955	600	60														< 25.0		< 312	< 250		<260
1,2-Dichloroethane	0001070	5	0.5														< 8.4		< 105	< 84.0		<270
1,2-Dichloropropane	0000788	5	0.5														< 11.7		< 146	< 117		<350
1,2-trans-Dichloroethen	0001566	100	20														< 12.8		< 160	< 128		<210
1,4-Dichlorobenzene	0001064	75	15														< 25.0		< 312	< 250		<340
124TRIMTHLBENZEN	0000956	480	96														< 25.0		< 312	< 250		<260
135TRIMTHLBENZEN	0001086	480	96														< 25.0		< 312	< 250		<270
2-Chlorotoluene	0000954	NSE	NSE														< 25.0		< 312	< 250		<320
Acetone	0000676	9000	1800														6860		71200	64900		49000
Benzene	0000714	5	0.5														< 25.0		< 312	< 250		<300
Chloroethane	0000750	400	80														< 18.7		< 234	< 187		<1200
Chloroform	0000676	6	0.6														< 125		< 1560	< 1250		<280
Chloromethane	0000748	30	3														< 25.0		< 312	< 250		<280
Dichlorodifluoromethan	0000757	1000	200														< 10.1		< 140	< 112		<210
Ethylbenzene	0001004	700	140														658		625	571		1500
Fluorotrichloromethane	0000756	3490	698														< 8.6		< 116	< 92.5		<250
Hexachlorobutadiene	0000876	NSE	NSE														< 105		< 1320	< 1050		<380
Isopropyl Alcohol	0000676	NSE	NSE														5680		19500	24500		12000
Isopropyl ether	0001082	NSE	NSE														< 25.0		< 312	< 250		<280
Isopropylbenzene	0000988	NSE	NSE														< 7.2		< 89.6	< 71.7		<230
Methyl Ethyl Ketone	0000789	4000	800														8600		46800	78400		38000
Methyl Isobutyl Ketone	0001081	500	50														< 107		1490	1550		2300
Methyl tert-butyl Ether	0016340	60	12														< 8.7		< 109	< 87.1		<260
Methylene Chloride	0000750	5	0.5														< 11.6		398	463		410
Naphthalene	0000912	100	10														< 125		< 1560	< 1250		<540
n-Butylbenzene	0001045	NSE	NSE														< 25.0		< 312	< 250		<260
p-Isopropyltoluene	0000998	NSE	NSE														< 25.0		< 312	< 250		<220
Styrene	0001004	100	10														49.6		< 312	< 250		<230
Tetrachloroethene	0001271	5	0.5														179		< 312	< 250		<280
Toluene	0001088	800	160														11900		16500	14000		17000
Total TriMthBenzenes	TOTALT	480	96														< 50		< 624	< 500		<270
Total Xylenes	TOTAL X	2000	400														2735		2372	2563		5800
Trichloroethene	0000790	5	0.5														847		809	589		760
Vinyl Chloride	0000750	0.2	0.02														< 8.8		< 110	< 87.8		<210
Xylene - M & P	1796012	2000	400														2160		1910	2050		4600
Xylene - O	0000954	2000	400														575		462	513		1200

530	RW-11	RESULTS MONTH/YEAR																				
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40														362	420		612		1000
1,1,2-Trichloroethane	0000790	5	0.5														< 15.5	< 19.7		< 9.9		<160
1,1-Dichloroethane	0000753	850	85														<u>189</u>	<u>158</u>		<u>266</u>		<u>270</u>
1,1-Dichloroethene	0000753	7	0.7														< 41.0	< 41.0		< 20.5		<160
1,2,3-Trichlorobenzene	0000876	NSE	NSE														< 213	< 213		< 107		<300
1,2,4-Trichlorobenzene	0001208	70	14														< 221	< 221		< 110		<240
1,2-cis-Dichloroethene	0001565	70	7														1830	1930		2060		1800
1,2-Dichlorobenzene	0000955	600	60														<u>74.0</u>	< 50.0		< 25.0		<160
1,2-Dichloroethane	0001070	5	0.5														< 16.8	< 16.8		< 8.4		<180
1,2-Dichloropropane	0000788	5	0.5														< 23.3	< 23.3		13.3		<220
1,2-trans-Dichloroethen	0001566	100	20														< 25.7	< 25.7		< 12.8		<140
1,4-Dichlorobenzene	0001064	75	15														< 50.0	< 50.0		< 25.0		<220
124TRIMTHLBENZEN	0000956	480	96														551	<u>269</u>		<u>229</u>		<u>230</u>
135TRIMTHLBENZEN	0001086	480	96														<u>150</u>	<u>110</u>		90.8		<170
2-Chlorotoluene	0000954	NSE	NSE														< 50.0	< 50.0		< 25.0		<200
Acetone	0000676	9000	1800														< 295	< 295		<u>2030</u>		<3300
Benzene	0000714	5	0.5														< 50.0	< 50.0		< 25.0		<190
Chloroethane	0000750	400	80														< 37.5	< 37.5		< 18.7		<740
Chloroform	0000676	6	0.6														< 250	< 250		< 125		<180
Chloromethane	0000748	30	3														< 50.0	< 50.0		< 25.0		<180
Dichlorodifluoromethan	0000757	1000	200														< 20.3	< 22.4		< 11.2		<130
Ethylbenzene	0001004	700	140														4240	1670		<u>368</u>		1200
Fluorotrichloromethane	0000756	3490	698														< 17.2	< 18.5		< 9.2		<160
Hexachlorobutadiene	0000876	NSE	NSE														< 211	< 211		< 105		<240
Isopropyl Alcohol	0000676	NSE	NSE														< 2430	< 2430		1390		<3500
Isopropyl ether	0001082	NSE	NSE														< 50.0	< 50.0		< 25.0		<180
Isopropylbenzene	0000988	NSE	NSE														47.6	22.1		< 7.2		<150
Methyl Ethyl Ketone	0000789	4000	800														< 298	< 298		<u>1880</u>		<u>1700</u>
Methyl Isobutyl Ketone	0001081	500	50														< 214	< 214		< 107		<430
Methyl tert-butyl Ether	0016340	60	12														< 17.4	< 17.4		< 8.7		<160
Methylene Chloride	0000750	5	0.5														< 23.3	< 23.3		< 11.6		<190
Naphthalene	0000912	100	10														< 250	< 250		< 125		<340
n-Butylbenzene	0001045	NSE	NSE														< 50.0	< 50.0		< 25.0		<160
p-Isopropyltoluene	0000998	NSE	NSE														< 50.0	< 50.0		< 25.0		<140
Styrene	0001004	100	10														< 50.0	< 50.0		< 25.0		<150
Tetrachloroethene	0001271	5	0.5														62.9	77.8		< 25.0		<180
Toluene	0001088	800	160														16300	8250		6820		11000
Total TriMthBenzenes	TOTALT	480	96														701	<u>379</u>		<u>319.8</u>		<u>230</u>
Total Xylenes	TOTAL X	2000	400														18870	8100		7050		6300
Trichloroethene	0000790	5	0.5														< 33.1	85.3		< 16.5		<260
Vinyl Chloride	0000750	0.2	0.02														< 17.6	67.1		64.0		<140
Xylene - M & P	1796012	2000	400														14100	5830		5210		4700
Xylene - O	0000954	2000	400														4770	2270		<u>1840</u>		<u>1600</u>

610	S2N	RESULTS MONTH/YEAR																						
		DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
		1,1,1-Trichloroethane	0000715	200	40	< .13		< .22		< .22		< .21		< 0.44						< 0.50		< 0.50		< 0.50
		1,1,2-Trichloroethane	0000790	5	0.5	< .21		< .23		< .23		< .25		< 0.39						< 0.20		< 0.20		< 0.20
		1,1-Dichloroethane	0000753	850	85	11		11		.84		1.6		< 0.28						6.3		6.5		9.9
		1,1-Dichloroethene	0000753	7	0.7	< .22		< .21		.26		.42		< 0.43						< 0.41		< 0.41		< 0.41
		1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .3		< .27		< .27		< .26		< 0.77						< 2.1		< 2.1		< 2.1
		1,2,4-Trichlorobenzene	0001208	70	14	< .22		< .32		< .32		< .28		< 2.5						< 2.2		< 2.2		< 2.2
		1,2-cis-Dichloroethene	0001565	70	7	1.2		1.2		.23		1.9		< 0.42						1.0		0.86		2.9
		1,2-Dichlorobenzene	0000955	600	60	< .16		< .16		< .16		< .19		< 0.44						< 0.50		< 0.50		< 0.50
		1,2-Dichloroethane	0001070	5	0.5	<u>.62</u>		<u>.76</u>		< .16		< .24		< 0.48						<u>1.4</u>		<u>2.0</u>		<u>2.9</u>
		1,2-Dichloropropane	0000788	5	0.5	.36		.34		< .22		< .2		< 0.50						< 0.23		0.26		< 0.23
		1,2-trans-Dichloroethen	0001566	100	20	< .21		< .26		< .26		< .19		< 0.37						< 0.26		< 0.26		< 0.26
		1,4-Dichlorobenzene	0001064	75	15	< .3		< .22		< .22		< .22		< 0.43						< 0.50		< 0.50		< 0.50
		124TRIMTHLBENZEN	0000956	480	96	< .19		< .18		< .18		< .24		< 0.57						< 0.50		< 0.50		< 0.50
		135TRIMTHLBENZEN	0001086	480	96	< .19		< .2		< .2		< .25		< 2.5						< 0.50		< 0.50		< 0.50
		2-Chlorotoluene	0000954	NSE	NSE	< .19		< .2		< .2		< .26		< 0.48						< 0.50		< 0.50		< 0.50
		Acetone	0000676	9000	1800	4.3		< 4.2		< 4.2		5.8		< 2.6						3.6		3.3		< 3.0
		Benzene	0000714	5	0.5	< .24		< .2		< .2		< .26		< 0.50						0.50		<u>0.54</u>		<u>0.76</u>
		Chloroethane	0000750	400	80	2.2		< 1.5		< 1.5		< 2.1		< 0.44						10.6		11.7		20.7
		Chloroform	0000676	6	0.6	< .13		< .2		< .2		< .23		< 0.69						< 2.5		< 2.5		< 2.5
		Chloromethane	0000748	30	3	< .23		< .23		< .23		< .24		< 0.39						< 0.50		< 0.50		< 0.50
		Dichlorodifluoromethan	0000757	1000	200	< .25		< .29		< .29		< .19		< 0.40						< 0.22		< 0.22		< 0.22
		Ethylbenzene	0001004	700	140	< .15		< .21		< .21		< .22		< 0.50						< 0.50		< 0.50		< 0.50
		Fluorotrichloromethane	0000756	3490	698	< .21		< .32		< .32		< .25		< 0.48						< 0.18		< 0.18		< 0.18
		Hexachlorobutadiene	0000876	NSE	NSE	< .25		< .45		< .45		< .23		< 1.3						< 2.1		< 2.1		< 2.1
		Isopropyl Alcohol	0000676	NSE	NSE	< 10		< 8.3		< 8.3		< 6.3		< 40.8						< 24.3		< 24.3		< 24.3
		Isopropyl ether	0001082	NSE	NSE	< .16		< .25		< .25		< .19		< 0.50						< 0.50		0.57		< 0.50
		Isopropylbenzene	0000988	NSE	NSE	< .18		< .22		< .22		< .22		< 0.34						< 0.14		< 0.14		< 0.14
		Methyl Ethyl Ketone	0000789	4000	800	< .5		1.1		< 1		< 1		< 2.7						< 3.0		< 3.0		< 3.0
		Methyl Isobutyl Ketone	0001081	500	50	5.6		2.4		< .53		< .31		< 2.3						< 2.1		< 2.1		< 2.1
		Methyl tert-butyl Ether	0016340	60	12	< .19		< .28		< .28		< .19		< 0.49						< 0.17		< 0.17		< 0.17
		Methylene Chloride	0000750	5	0.5	.24		< .48		< .48		< .4		< 0.36						0.28		0.25		< 0.23
		Naphthalene	0000912	100	10	< .32		< .41		< .41		< .32		< 2.5						< 2.5		< 2.5		< 2.5
		n-Butylbenzene	0001045	NSE	NSE	< .23		< .18		< .18		< .24		< 0.40						< 0.50		< 0.50		< 0.50
		p-Isopropyltoluene	0000998	NSE	NSE	< .16		< .19		< .19		< .2		< 0.40						< 0.50		< 0.50		< 0.50
		Styrene	0001004	100	10	< .2		< .17		< .17		< .19		< 0.35						< 0.50		< 0.50		< 0.50
		Tetrachloroethene	0001271	5	0.5	< .12		< .21		< .21		< .15		< 0.47						< 0.50		< 0.50		< 0.50
		Toluene	0001088	800	160	.43		.24		< .17		< .23		< 0.44						1.4		1.2		2.4
		Total TriMthBenzenes	TOTALT	480	96	< .19		< .18		< .18		< .24		< .57						< 1		< 1		< 1
		Total Xylenes	TOTAL X	2000	400	< .17		< .24		< .24		< .22		< .5						< 1.5		< 1.5		< 1.5
		Trichloroethene	0000790	5	0.5	.42		<u>.67</u>		< .17		< .25		< 0.43						< 0.33		< 0.33		0.46
		Vinyl Chloride	0000750	0.2	0.02	.7		.83		< .18		.2		< 0.18						0.41		0.49		0.87
		Xylene - M & P	1796012	2000	400	< .28		< .33		< .33		< .46		< 0.82						< 1.0		< 1.0		< 1.0
		Xylene - O	0000954	2000	400	< .17		< .24		< .24		< .22		< 0.50						< 0.50		< 0.50		< 0.50

DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	< .13		< .22		< .22		< .21		< 0.44						< 0.50				< 0.50
1,1,2-Trichloroethane	0000790	5	0.5	< .21		< .23		< .23		< .25		< 0.39						< 0.20				< 0.20
1,1-Dichloroethane	0000753	850	85	< .17		< .21		< .21		< .19		< 0.28						< 0.24				< 0.24
1,1-Dichloroethene	0000753	7	0.7	< .22		< .21		< .21		< .2		< 0.43						< 0.41				< 0.41
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .3		< .27		< .27		< .26		< 0.77						< 2.1				< 2.1
1,2,4-Trichlorobenzene	0001208	70	14	< .22		< .32		< .32		< .28		< 2.5						< 2.2				< 2.2
1,2-cis-Dichloroethene	0001565	70	7	< .16		< .2		< .2		< .21		< 0.42						< 0.26				< 0.26
1,2-Dichlorobenzene	0000955	600	60	< .16		< .16		< .16		< .19		< 0.44						< 0.50				< 0.50
1,2-Dichloroethane	0001070	5	0.5	< .15		< .16		< .16		< .24		< 0.48						< 0.17				< 0.17
1,2-Dichloropropane	0000788	5	0.5	< .33		< .22		< .22		< .2		< 0.50						< 0.23				< 0.23
1,2-trans-Dichloroethen	0001566	100	20	< .21		< .26		< .26		< .19		< 0.37						< 0.26				< 0.26
1,4-Dichlorobenzene	0001064	75	15	< .3		< .22		< .22		< .22		< 0.43						< 0.50				< 0.50
124TRIMTHLBENZEN	0000956	480	96	< .19		< .18		< .18		< .24		< 0.57						< 0.50				< 0.50
135TRIMTHLBENZEN	0001086	480	96	< .19		< .2		< .2		< .25		< 2.5						< 0.50				< 0.50
2-Chlorotoluene	0000954	NSE	NSE	< .19		< .2		< .2		< .26		< 0.48						< 0.50				< 0.50
Acetone	0000676	9000	1800	< 4		< 4.2		4.3		7.1		2.8						< 3.0				< 3.0
Benzene	0000714	5	0.5	< .24		< .2		< .2		< .26		< 0.50						< 0.50				< 0.50
Chloroethane	0000750	400	80	< 1.1		< 1.5		< 1.5		< 2.1		< 0.44						< 0.37				< 0.37
Chloroform	0000676	6	0.6	< .13		< .2		< .2		< .23		< 0.69						< 2.5				< 2.5
Chloromethane	0000748	30	3	< .23		< .23		< .23		< .24		< 0.39						< 0.50				< 0.50
Dichlorodifluoromethan	0000757	1000	200	< .25		< .29		< .29		< .19		< 0.40						< 0.22				< 0.22
Ethylbenzene	0001004	700	140	< .15		< .21		< .21		< .22		< 0.50						< 0.50				< 0.50
Fluorotrichloromethane	0000756	3490	698	< .21		< .32		< .32		< .25		< 0.48						< 0.18				< 0.18
Hexachlorobutadiene	0000876	NSE	NSE	< .25		< .45		< .45		< .23		< 1.3						< 2.1				< 2.1
Isopropyl Alcohol	0000676	NSE	NSE	< 10		< 8.3		< 8.3		15		< 40.8						< 24.3				< 24.3
Isopropyl ether	0001082	NSE	NSE	< .16		< .25		< .25		< .19		< 0.50						< 0.50				< 0.50
Isopropylbenzene	0000988	NSE	NSE	< .18		< .22		< .22		< .22		< 0.34						< 0.14				< 0.14
Methyl Ethyl Ketone	0000789	4000	800	.93		< 1		< 1		< 1		< 2.7						< 3.0				< 3.0
Methyl Isobutyl Ketone	0001081	500	50	< .37		< .53		< .53		< .31		< 2.3						< 2.1				< 2.1
Methyl tert-butyl Ether	0016340	60	12	< .19		< .28		< .28		< .19		< 0.49						< 0.17				< 0.17
Methylene Chloride	0000750	5	0.5	< .22		< .48		< .48		< .4		< 0.36						< 0.23				< 0.23
Naphthalene	0000912	100	10	< .32		< .41		< .41		< .32		< 2.5						< 2.5				< 2.5
n-Butylbenzene	0001045	NSE	NSE	< .23		< .18		< .18		< .24		< 0.40						< 0.50				< 0.50
p-Isopropyltoluene	0000998	NSE	NSE	< .16		< .19		< .19		< .2		< 0.40						< 0.50				< 0.50
Styrene	0001004	100	10	< .2		< .17		< .17		< .19		< 0.35						< 0.50				< 0.50
Tetrachloroethene	0001271	5	0.5	< .12		< .21		< .21		< .15		< 0.47						< 0.50				< 0.50
Toluene	0001088	800	160	< .18		< .17		< .17		< .23		< 0.44						< 0.50				< 0.50
Total TriMthBenzenes	TOTALT	480	96	< .19		< .18		< .18		< .24		< .57						< 1				< 1
Total Xylenes	TOTAL X	2000	400	< .17		< .24		< .24		< .22		< .5						< 1.5				< 1.5
Trichloroethene	0000790	5	0.5	< .37		< .17		< .17		< .25		< 0.43						< 0.33				< 0.33
Vinyl Chloride	0000750	0.2	0.02	< .17		< .18		< .18		< .15		< 0.18						< 0.18				< 0.18
Xylene - M & P	1796012	2000	400	< .28		< .33		< .33		< .46		< 0.82						< 1.0				< 1.0
Xylene - O	0000954	2000	400	< .17		< .24		< .24		< .22		< 0.50						< 0.50				< 0.50

614	S8N	RESULTS MONTH/YEAR																					
DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40	< .13		< .2		< .22		< .21								< 0.50		< 0.50		< 0.50	
1,1,2-Trichloroethane	0000790	5	0.5	< .21		< .17		< .23		< .25								< 0.20		< 0.20		< 0.20	
1,1-Dichloroethane	0000753	850	85	< .17		< .16		< .21		< .19								< 0.24		< 0.24		< 0.24	
1,1-Dichloroethene	0000753	7	0.7	< .22		< .15		< .21		< .2								< 0.41		< 0.41		< 0.41	
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .3		< .23		< .27		< .26								< 2.1		< 2.1		< 2.1	
1,2,4-Trichlorobenzene	0001208	70	14	< .22		< .3		< .32		< .28								< 2.2		< 2.2		< 2.2	
1,2-cis-Dichloroethene	0001565	70	7	< .16		< .12		< .2		< .21								< 0.26		< 0.26		< 0.26	
1,2-Dichlorobenzene	0000955	600	60	< .16		< .13		< .16		< .19								< 0.50		< 0.50		< 0.50	
1,2-Dichloroethane	0001070	5	0.5	< .15		< .22		< .16		< .24								< 0.17		< 0.17		< 0.17	
1,2-Dichloropropane	0000788	5	0.5	< .33		< .21		< .22		< .2								< 0.23		< 0.23		< 0.23	
1,2-trans-Dichloroethen	0001566	100	20	< .21		< .13		< .26		< .19								< 0.26		< 0.26		< 0.26	
1,4-Dichlorobenzene	0001064	75	15	< .3		< .13		< .22		< .22								< 0.50		< 0.50		< 0.50	
124TRIMTHLBENZEN	0000956	480	96	< .19		< .12		< .18		< .24								< 0.50		< 0.50		< 0.50	
135TRIMTHLBENZEN	0001086	480	96	< .19		< .12		< .2		< .25								< 0.50		< 0.50		< 0.50	
2-Chlorotoluene	0000954	NSE	NSE	< .19		< .15		< .2		< .26								< 0.50		< 0.50		< 0.50	
Acetone	0000676	9000	1800	< 4		9.9		6.4		8								3.9		< 3.0		< 3.0	
Benzene	0000714	5	0.5	< .24		< .13		< .2		< .26								< 0.50		< 0.50		< 0.50	
Chloroethane	0000750	400	80	< 1.1		< .67		< 1.5		< 2.1								< 0.37		< 0.37		< 0.37	
Chloroform	0000676	6	0.6	< .13		< .13		< .2		< .23								< 2.5		< 2.5		< 2.5	
Chloromethane	0000748	30	3	< .23		< .28		< .23		< .24								< 0.50		< 0.50		< 0.50	
Dichlorodifluoromethan	0000757	1000	200	< .25		< .13		< .29		< .19								< 0.22		< 0.22		< 0.22	
Ethylbenzene	0001004	700	140	< .15		< .12		< .21		< .22								< 0.50		< 0.50		< 0.50	
Fluorotrichloromethane	0000756	3490	698	< .21		< .11		< .32		< .25								< 0.18		< 0.18		< 0.18	
Hexachlorobutadiene	0000876	NSE	NSE	< .25		< .36		< .45		< .23								< 2.1		< 2.1		< 2.1	
Isopropyl Alcohol	0000676	NSE	NSE	14		< 14		< 8.3		16								< 24.3		< 24.3		< 24.3	
Isopropyl ether	0001082	NSE	NSE	< .16		< .2		< .25		< .19								< 0.50		< 0.50		< 0.50	
Isopropylbenzene	0000988	NSE	NSE	< .18		< .1		< .22		< .22								< 0.14		< 0.14		< 0.14	
Methyl Ethyl Ketone	0000789	4000	800	1.1		1		< 1		< 1								< 3.0		< 3.0		< 3.0	
Methyl Isobutyl Ketone	0001081	500	50	< .37		< .64		< .53		< .31								< 2.1		< 2.1		< 2.1	
Methyl tert-butyl Ether	0016340	60	12	< .19		< .13		< .28		< .19								< 0.17		< 0.17		< 0.17	
Methylene Chloride	0000750	5	0.5	< .22		< .27		< .48		< .4								< 0.23		< 0.23		< 0.23	
Naphthalene	0000912	100	10	< .32		< .31		< .41		< .32								< 2.5		< 2.5		< 2.5	
n-Butylbenzene	0001045	NSE	NSE	< .23		< .14		< .18		< .24								< 0.50		< 0.50		< 0.50	
p-Isopropyltoluene	0000998	NSE	NSE	< .16		4.5		7.2		1								0.68		< 0.50		< 0.50	
Styrene	0001004	100	10	< .2		< .11		< .17		< .19								< 0.50		< 0.50		< 0.50	
Tetrachloroethene	0001271	5	0.5	< .12		< .18		< .21		< .15								< 0.50		< 0.50		< 0.50	
Toluene	0001088	800	160	< .18		.26		1.5		.55								< 0.50		< 0.50		< 0.50	
Total TriMthBenzenes	TOTALT	480	96	< .19		< .12		< .18		< .24								< 1		< 1		< 1	
Total Xylenes	TOTAL X	2000	400	< .17		< .16		< .24		< .22								< 1.5		< 1.5		< 1.5	
Trichloroethene	0000790	5	0.5	< .37		< .16		< .17		< .25								< 0.33		< 0.33		< 0.33	
Vinyl Chloride	0000750	0.2	0.02	< .17		< .17		< .18		< .15								< 0.18		< 0.18		< 0.18	
Xylene - M & P	1796012	2000	400	< .28		< .22		< .33		< .46								< 1.0		< 1.0		< 1.0	
Xylene - O	0000954	2000	400	< .17		< .16		< .24		< .22								< 0.50		< 0.50		< 0.50	

616	S9N	RESULTS MONTH/YEAR																						
		DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17
1,1,1-Trichloroethane	0000715	200	40	< .13		< .2		< .22		< .21		< 0.44												
1,1,2-Trichloroethane	0000790	5	0.5	< .21		< .17		< .23		< .25		< 0.39												
1,1-Dichloroethane	0000753	850	85	< .17		< .16		< .21		< .19		< 0.28												
1,1-Dichloroethene	0000753	7	0.7	< .22		< .15		< .21		< .2		< 0.43												
1,2,3-Trichlorobenzene	0000876	NSE	NSE	< .3		< .23		< .27		< .26		< 0.77												
1,2,4-Trichlorobenzene	0001208	70	14	< .22		< .3		< .32		< .28		< 2.5												
1,2-cis-Dichloroethene	0001565	70	7	< .16		< .12		< .2		< .21		< 0.42												
1,2-Dichlorobenzene	0000955	600	60	< .16		< .13		< .16		< .19		< 0.44												
1,2-Dichloroethane	0001070	5	0.5	< .15		< .22		< .16		< .24		< 0.48												
1,2-Dichloropropane	0000788	5	0.5	< .33		< .21		< .22		< .2		< 0.50												
1,2-trans-Dichloroethen	0001566	100	20	< .21		< .13		< .26		< .19		< 0.37												
1,4-Dichlorobenzene	0001064	75	15	< .3		< .13		< .22		< .22		< 0.43												
124TRIMTHLBENZEN	0000956	480	96	< .19		< .12		< .18		< .24		< 0.57												
135TRIMTHLBENZEN	0001086	480	96	< .19		< .12		< .2		< .25		< 2.5												
2-Chlorotoluene	0000954	NSE	NSE	< .19		< .15		< .2		< .26		< 0.48												
Acetone	0000676	9000	1800	< 4		12		< 4.2		6.3		7.9												
Benzene	0000714	5	0.5	< .24		< .13		< .2		< .26		< 0.50												
Chloroethane	0000750	400	80	< 1.1		< .67		< 1.5		< 2.1		< 0.44												
Chloroform	0000676	6	0.6	< .13		< .13		< .2		< .23		< 0.69												
Chloromethane	0000748	30	3	< .23		< .28		< .23		< .24		0.41												
Dichlorodifluoromethan	0000757	1000	200	< .25		< .13		< .29		< .19		< 0.40												
Ethylbenzene	0001004	700	140	< .15		< .12		< .21		< .22		< 0.50												
Fluorotrichloromethane	0000756	3490	698	< .21		< .11		< .32		< .25		< 0.48												
Hexachlorobutadiene	0000876	NSE	NSE	< .25		< .36		< .45		< .23		< 1.3												
Isopropyl Alcohol	0000676	NSE	NSE	< 10		< 14		< 8.3		< 6.3		< 40.8												
Isopropyl ether	0001082	NSE	NSE	< .16		< .2		< .25		< .19		< 0.50												
Isopropylbenzene	0000988	NSE	NSE	< .18		< .1		< .22		< .22		< 0.34												
Methyl Ethyl Ketone	0000789	4000	800	< .5		1.1		< 1		< 1		< 2.7												
Methyl Isobutyl Ketone	0001081	500	50	< .37		< .64		< .53		< .31		< 2.3												
Methyl tert-butyl Ether	0016340	60	12	< .19		< .13		< .28		< .19		< 0.49												
Methylene Chloride	0000750	5	0.5	< .22		< .27		< .48		< .4		< 0.36												
Naphthalene	0000912	100	10	< .32		< .31		< .41		< .32		< 2.5												
n-Butylbenzene	0001045	NSE	NSE	< .23		< .14		< .18		< .24		< 0.40												
p-Isopropyltoluene	0000998	NSE	NSE	< .16		< .11		< .19		< .2		< 0.40												
Styrene	0001004	100	10	< .2		< .11		< .17		< .19		< 0.35												
Tetrachloroethene	0001271	5	0.5	< .12		< .18		< .21		< .15		< 0.47												
Toluene	0001088	800	160	< .18		.32		< .17		< .23		< 0.44												
Total TriMthBenzenes	TOTALT	480	96	< .19		< .12		< .18		< .24		< .57												
Total Xylenes	TOTAL X	2000	400	< .17		< .16		< .24		< .22		< .5												
Trichloroethene	0000790	5	0.5	< .37		< .16		< .17		< .25		< 0.43												
Vinyl Chloride	0000750	0.2	0.02	< .17		< .17		< .18		< .15		< 0.18												
Xylene - M & P	1796012	2000	400	< .28		< .22		< .33		< .46		< 0.82												
Xylene - O	0000954	2000	400	< .17		< .16		< .24		< .22		< 0.50												

618	S10N	RESULTS MONTH/YEAR																							
		DESCRIPTION	CASNU	ES	PAL	05/09	10/09	05/10	10/10	05/11	10/11	05/12	10/12	06/13	10/13	10/13 Dup	05/14	10/14	12/14	06/15	11/15	05/16	10/16	5/17	
1,1,1-Trichloroethane	0000715	200	40																						
1,1,2-Trichloroethane	0000790	5	0.5																						
1,1-Dichloroethane	0000753	850	85																						
1,1-Dichloroethene	0000753	7	0.7																						
1,2,3-Trichlorobenzene	0000876	NSE	NSE																						
1,2,4-Trichlorobenzene	0001208	70	14																						
1,2-cis-Dichloroethene	0001565	70	7																						
1,2-Dichlorobenzene	0000955	600	60																						
1,2-Dichloroethane	0001070	5	0.5																						
1,2-Dichloropropane	0000788	5	0.5																						
1,2-trans-Dichloroethen	0001566	100	20																						
1,4-Dichlorobenzene	0001064	75	15																						
124TRIMTHLBENZEN	0000956	480	96																						
135TRIMTHLBENZEN	0001086	480	96																						
2-Chlorotoluene	0000954	NSE	NSE																						
Acetone	0000676	9000	1800																						
Benzene	0000714	5	0.5																						
Chloroethane	0000750	400	80																						
Chloroform	0000676	6	0.6																						
Chloromethane	0000748	30	3																						
Dichlorodifluoromethan	0000757	1000	200																						
Ethylbenzene	0001004	700	140																						
Fluorotrichloromethane	0000756	3490	698																						
Hexachlorobutadiene	0000876	NSE	NSE																						
Isopropyl Alcohol	0000676	NSE	NSE																						
Isopropyl ether	0001082	NSE	NSE																						
Isopropylbenzene	0000988	NSE	NSE																						
Methyl Ethyl Ketone	0000789	4000	800																						
Methyl Isobutyl Ketone	0001081	500	50																						
Methyl tert-butyl Ether	0016340	60	12																						
Methylene Chloride	0000750	5	0.5																						
Naphthalene	0000912	100	10																						
n-Butylbenzene	0001045	NSE	NSE																						
p-Isopropyltoluene	0000998	NSE	NSE																						
Styrene	0001004	100	10																						
Tetrachloroethene	0001271	5	0.5																						
Toluene	0001088	800	160																						
Total TriMthBenzenes	TOTALT	480	96																						
Total Xylenes	TOTAL X	2000	400																						
Trichloroethene	0000790	5	0.5																						
Vinyl Chloride	0000750	0.2	0.02																						
Xylene - M & P	1796012	2000	400																						
Xylene - O	0000954	2000	400																						