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July 21, 2020
File No. 20.0155935.01

Mr. Steve Martin, NR Region Program Manager
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, Wisconsin 53711-5367

Re: Groundwater Remediation Scope of Work and
Temporary Exemption Request for Groundwater Remedial Action
Former Trent Tube Plant No. 1
2188 Church Street
East Troy, Wisconsin
BRRTS #02-65-245827

Dear Mr. Martin:

GZA GeoEnvironmental, Inc. (GZA), on behalf of EnPro Holdings, Inc. (EnPro), is submitting this letter report to the Wisconsin Department of Natural Resources (WDNR) for the enhanced reductive dechlorination (ERD) groundwater remediation scope of work and information necessary to meet the permitting requirements for the injection of electron donor at 2188 Church Street in East Troy, Wisconsin ("Site"). A Site Location Map is provided as Figure 1. This request is being submitted for remediation of groundwater outside of the limits of the pilot test area in the southwest corner of the Site. As the proposed ERD groundwater remediation involves injection of materials into the waters of the State (i.e., groundwater), this process requires a temporary exemption under Chapter NR 140.28(5) and a variance from Chapter NR 812.05 of the Wisconsin Administrative Code (Wis. Adm. Code).

A check in the amount of $700 (other technical assistance category) is included with the copy submitted to the Environmental Program Associate, Wendy Weihemuller, to cover the WDNR review fee. Limitations to this document are provided in Attachment 1.

INTRODUCTION

The Trent Tube Plant No. 1 site (Trent Tube) formerly operated as a manufacturer of stainless-steel tubes and utilized chlorinated hydrocarbons in the manufacturing process for degreasing parts. Figure 2 shows the Site layout and former features of the manufacturing operations. As soil and groundwater samples from the Site were determined to be affected by chlorinated hydrocarbons during investigation activities, an environmental case was opened by the WDNR and BRRTS No. 02-65-245827 was assigned to the Site. Subsequent Site investigation activities during multiple investigation events have delineated the extent of chlorinated hydrocarbons in groundwater at the Site. In 1999, a Groundwater Extraction Treatment System (GETS) was installed to provide hydraulic control of the groundwater plume from entering Honey Creek, which is adjacent to the south side of the Site.

The GETS includes 26 recovery wells that pump groundwater to two remediation buildings located near Honey Creek. The recovery wells are located along Honey Creek to provide hydraulic control in this area to prevent discharge to Honey Creek. The groundwater is treated by the remediation system using a six-stage air diffuser and three 1,000-pound granular-activated carbon canisters

prior to discharge of the treated water to Honey Creek in accordance with the general Wisconsin Pollution Discharge Elimination System (WPDES) permit. The GETS has operated since 1999, and its operation is proposed to be discontinued during implementation of the electron donor injection program described in the remediation scope of work. The results of the electron donor injection pilot test indicated significant chlorinated hydrocarbon concentration reduction within one to two months after injection. The electron donor treats the chlorinated hydrocarbons by degradation, thus eliminating the need for extraction and treatment. The recovery wells are intended to create a hydraulic gradient around the well to recover and control groundwater along Honey Creek. The increase in hydraulic gradient created by the GETS causes an increase in groundwater flow velocity that could mobilize the electron donor solution to the extraction wells and the electron donor could be removed from the subsurface limiting the effectiveness of the groundwater treatment. The electron donor solution works by being retained in the soil matrix after injection. Discontinuing the operation of the GETS will allow for in-situ treatment without extraction and discharge of the electron donor to Honey Creek.

Groundwater monitoring and analytical testing have been performed in the monitoring well network across the Site from at least 1999 to present. The results of the groundwater monitoring have identified the primary contaminants of concern to be trichloroethene (TCE) and its breakdown products (cis-1,2-dichloroethene [DCE] and vinyl chloride). The results of the groundwater sampling have shown detections of other chlorinated hydrocarbons in the groundwater, including 1,1,1-TCE; 1,1,2-TCE; 1,1-dichloroethane (1,1-DCA); 1,2-DCA; 1,1-DCE; and tetrachloroethene (PCE) at concentrations that exceed each constituent's respective preventive action limit (PALs) and/or enforcement standards (ESs). The areal extent of the other chlorinated hydrocarbon constituents is within limited areas that coincide with TCE-affected groundwater. In those areas, the TCE concentrations are generally higher. Therefore, the remediation of the Site will focus on TCE and its breakdown products, with the other chlorinated hydrocarbon concentrations being remediated and monitored as the remediation progresses.

Currently, the Site is a vacant parcel with limited improvements. There are two remediation buildings and a pole barn near the center of the Site along Honey Creek and another pole barn on the northeast corner of the Site. The aboveground portions of the former manufacturing buildings on the western portion of the Site have been demolished. However, the subsurface features of the buildings remain on-Site. The concrete floors in some, but not all, portions of the former building have been removed.

There is a former flume structure that crosses the Site from the mill pond on the west side of Highway 120 to approximately the east side of the former main manufacturing building. This flume was abandoned during demolition activities by exposing the flume structure at a location on-Site and plugging the pipe with concrete. The flume structure remains in place for at least the portion of the flume that is on the western half of the Site.

There is an Area of Consolidation (AOC) near the center of the property, east of the former main manufacturing building, that was approved by the WDNR. THE AOC was constructed over a former impoundment that was used during the early period of the operations at the Site. The AOC contains material from the Site and Honey Creek that was placed in a bermed area and covered with a geotextile fabric and clean cap soils. The AOC is approximately 6 to 8 feet above grade on the east side and meets the existing grade on the west side. Soil samples were collected from the AOC in June 2019, to evaluate the concentrations in and conditions of the soils. The results indicated the presence of chlorinated hydrocarbons (PCE, TCE, cis-1,2-DCE, and vinyl chloride) and naphthalene in the soils. The primary contaminant in the AOC soil samples is TCE; it was detected in the samples collected from the AOC. The TCE soil concentrations exceed the soil to groundwater residual contaminant level (RCL); however, the monitoring wells in the AOC do not contain concentrations of TCE that exceed the PAL and/or ES. The groundwater in the AOC does not require additional active remediation.

BASELINE GROUNDWATER SAMPLING

From June 15 to 19, 2020, groundwater samples were collected from the monitoring wells, recovery wells, and observation points at the Site using low-flow purging and sampling techniques. During the low-flow purging process, field measurements of pH, conductivity, temperature, oxidation-reduction potential (ORP), and dissolved oxygen (DO) were recorded at regular intervals to determine when purging was complete, and a representative sample could be collected. The location of the Site monitoring wells, recovery wells, and observation points are shown on Figure 2. A summary of the field parameters is shown on Table 1. The samples were submitted to Pace Analytical Services, LLC of Green Bay, Wisconsin for analysis of volatile organic compounds (VOCs), general inorganic parameters, and total organic carbon (TOC).

Based on the June 2020 and historic groundwater sampling results, there are two areas of TCE-affected groundwater that exceed the ES. One area is localized on the northern portion of the Site around MW-17R. The other area is located on the southern portion of the former main manufacturing building, extending to the east along Honey Creek. Table 2 presents a summary of the groundwater analytical results for the June 2020 sampling event. The laboratory analytical reports are provided in Attachment 2. Figures 3, 4, and 5 show the distribution of TCE, cis-1,2-DCE, and vinyl chloride in the groundwater, respectively.

The inorganic parameters provide geochemical evidence as to the possibility of enhancing the geochemical conditions to reduce the chlorinated hydrocarbon concentrations through a microbial process. An evaluation of the inorganic parameter analysis indicates that TOC concentrations outside of the pilot test area ranged from 1.4 to 9.2 milligrams per liter (mg/l), which is less than the optimal range of greater than 20 mg/l. This suggests that TOC is a limiting factor in the reductive dechlorination process and that the addition of a carbon-based food source for dechlorinating bacteria is necessary to encourage biological reduction of TCE. The groundwater was not analyzed to determine the presence of dehalococcoides spp. The results of the groundwater samples indicate that daughter products from the degradation of TCE are present in the groundwater at concentrations exceeding the ES in some portions of the Site. Therefore, it was concluded that in those areas there is a microbial population present that can be stimulated with the addition of a carbon source to enhance the reductive dechlorination of TCE.

Other important factors to evaluate include pH, alkalinity, and temperature. The pH measured during the low-flow purging was near neutral (6.7 to 8.07). This is important because the microbial population is active in neutral conditions. The average concentration of alkalinity was 295 mg/L. Alkalinity measures the natural capacity of the aquifer to buffer the effects on pH from the fermentation of the electron donor, which will produce hydrogen that can influence the pH. The groundwater temperature was approximately 11 to 12 degrees Celsius (^{o}C). This temperature is sufficient to maintain the microbial population. Finally, based on in-situ aquifer testing of monitoring wells, the soils at the Site were estimated to have a saturated hydraulic conductivity in the range of 1.96×10^{-3} to 4.21×10^{-2} centimeters per second (cm/sec). Hydraulic conductivity is used to calculate the groundwater velocity to determine if there is sufficient groundwater flow to allow migration of the electron donor through the subsurface. The groundwater velocity is not a measure of contaminant migration because it is retarded by other subsurface factors and is only an estimate of the groundwater flow.

SITE CONDITION SUMMARY

1. In general, the relevant subsurface conditions consist of interbedded, cohesive, clayey layers and granular layers. The granular layers consist of poorly-graded, fine sand to well-graded sand with varying amounts of silt. Bedrock was not encountered during drilling at the Site and is estimated to be at a depth of 100 to 150 feet below ground surface (bgs).
2. Groundwater was measured at a depth ranging from 6 to 8 feet bgs with shallower depths to groundwater encountered along Honey Creek. Groundwater flow at the Site is south/southeast toward Honey Creek, at an average

hydraulic gradient of 0.025 feet per foot (ft/ft). The groundwater flow direction measured during the June 2020 sampling event is shown on Figure 6.

3. The saturated soils have estimated hydraulic conductivity in the range of 1.96×10^{-3} to 4.21×10^{-2} cm/sec with a geometric mean of 1.08×10^{-2} cm/sec. The horizontal groundwater flow velocity is estimated at approximately 800 feet per year (ft/yr).
4. TCE is the primary chlorinated hydrocarbon detected in groundwater and most recently the highest concentrations were in MW-18 at 3,910 micrograms per liter (µg/l) and OP-7 at 3,570 µg/l. These monitoring wells are located within the southern portion of the former main manufacturing building on the west side of the Site and along Honey Creek on the east side of the Site, respectively. Concentrations of degradation products cis-1,2-DCE and vinyl chloride were also detected in the groundwater samples from these wells. Based on soil samples collected during the investigation across the Site, there are areas of the Site that exceed the soil to groundwater pathway, as shown on Figure 7. On Figure 7, the highest concentrations in the soil are in the areas designated as exceeding the direct contact RCL. In these areas, the concentrations also exceed the soil to groundwater RCL. Based on a review of the shallow soil sample results, it does not appear that TCE leaching from the shallow soils will affect the effectiveness of the ERD injection program.
5. Given that the GETS has operated for approximately 20 years and the groundwater concentrations have stabilized over that time period, the remedial goals are to create an environment that will facilitate biodegradation of the primary area of impacted groundwater and that will effectively reduce the residual chlorinated hydrocarbon mass in groundwater.

Based on the Site soil and groundwater conditions, applicable remedial technologies and the remediation goal, an ERD remedial action was selected for implementation at the Site. Conditions detrimental to an ERD remedial option (very low pH conditions, poor soil and groundwater buffering capacity, and low groundwater temperature) do not, and are not expected to exist at the Site based on analytical testing and related experience.

PROPOSED GROUNDWATER REMEDIATION SCOPE OF WORK

An ERD groundwater remedial action is proposed to be implemented to remediate the chlorinated hydrocarbons in groundwater in the southern portion of the former main manufacturing building and to the east, and in a limited area in the northern portion of the former main manufacturing building. The pilot test results, submitted to the WDNR under separate cover, demonstrated that ERD is a viable remedial alternative for remediation of the groundwater at the Site. The proposed ERD injection area is based on the historic groundwater analytical results and the distribution of electron donor and radius influence measured during the previous pilot test. The ERD injection will utilize commercially available electron donor products that can provide a longer-term solution to remediate the groundwater.

The ERD groundwater remedial action will cover an area along Honey Creek from Highway 120 on the west to the area of consolidation on the east. This area includes the recovery wells along Honey Creek. The GETS system was installed for hydraulic control of the chlorinated hydrocarbons in groundwater discharging to Honey Creek. The proposed ERD remedial action will treat the groundwater contamination to reduce the chlorinated hydrocarbon concentrations throughout the plume, thereby eliminating the need for hydraulic control. The ERD remedial action will involve injection of an electron donor into the groundwater to degrade the chlorinated hydrocarbons to non-toxic end products. The GETS system creates a hydraulic gradient that will increase the groundwater velocity on-Site near the creek. The electron donor is proposed to be injected upgradient of the recovery wells. Therefore, prior to performing the injection and during post-injection performance monitoring, the GETS will be shut down while the ERD remedial action is implemented. The initial injections are expected to last in the subsurface for a period of two to three years, during which time performance groundwater monitoring will be conducted to evaluate the effect of the ERD remedial action. The GETS and the recovery

well equipment will be maintained in an operational condition in the event that there is a need for the GETS to be operational after the ERD remedial action.

The remedial action will consist of the injection of electron donor through direct-push borings drilled along transects oriented perpendicular to groundwater flow. The layout of the proposed injection points is shown on Figure 8. The dimensions and configuration of the injection profiles are based on distributing the electron donor throughout the remediation area using a 30-foot radius of influence, as observed during the pilot test. This approach has resulted in a proposed injection array of various shapes with injection points spaced on 20-foot centers and the distances between profiles being 30 feet. The injection points are proposed in the area with the highest TCE concentration in groundwater.

The electron donor proposed for use at the Site is emulsified vegetable oil (EVO) supplied by RNAS Remediation Products (RNAS) under the product name Newman Zone® 55. This product is approximately 55% Soybean Oil by weight and approximately 4% Sodium-L-Lactate by weight. The sodium lactate stimulates the microbes until the soybean oil can be fermented to produce hydrogen. The sodium lactate is short-lived in the groundwater. The soybean oil provides a long-term source for treatment. The Newman Zone® 55 safety data sheets (SDSs) are provided in Attachment 3. The EVO product proposed will allow the establishment of longer-term suitable groundwater geochemical conditions that will facilitate ERD due to the ability of the emulsified oil to adsorb to the aquifer matrix and release electron donor over an extended time period compared to other soluble products such as sodium lactate.

The concentration of biota was not measured at this Site, but based on the limited evidence of dechlorination, bioaugmentation is also being proposed to facilitate a quicker ERD response and avoid the delay that typically occurs as the appropriate biota is established in response to the addition of the electron donor. Bioaugmentation will consist of adding commercially available active biological cultures to enhance already present, naturally occurring microbes provided by RNAS under the product name SDC-9 and is expected to reduce the time period under which substantial TCE degradation will be observed. Each 1,000 gallons of treated groundwater used for dilution water will be treated with Newman Zone OS™ to remove DO and render the dilution water anaerobic prior to addition of the culture to the injection solution. The SDSs for Newman Zone OS™, and SDC-9 are provided in Attachment 3.

The proposed design elements include the following:

- Injections are proposed to occur in borings drilled on a 20-foot spacing along transects oriented perpendicular to groundwater flow, with the borings in adjacent transects offset by 10 feet and separated by approximately 20 feet. The injections area is proposed to be covered by multiple transects with a varying number of injection locations in each. The spacing between injection areas is proposed to be a 30-foot spacing based on the measured radius of influence from the pilot test. The proposed injection transects are shown on Figure 8.
- The injections are proposed to occur over an approximately 10-foot vertical treatment interval from the water table at a depth of approximately 7 feet to a depth of 17 feet. The depth to groundwater will be measured in existing monitoring wells prior to the injection to determine the treatment area in each injection area. The injection is proposed to occur over a 10-foot treatment interval within three separate intervals spaced throughout the treatment interval.
- The proposed 10-foot treatment interval for electron donor injections is based on the ability to deliver electron donor in direct push borings (to the depth of treatment). The lithology at the Site, which consists of sandy materials overlying silt, creates a difference in hydraulic conductivity and creates a horizontal flow-dominated regime. There is an approximate 99% decrease in TCE concentrations between nearby monitoring wells MW-4 and MW-4A, which are screened at 10 to 20 feet bgs and 44 to 49 feet bgs, respectively. The combination of this decrease and the limited downward vertical hydraulic gradient measured at the Site indicates little, if any, downward migration of electron donor.

- The injections will occur at pressures of up to 30 pounds per square inch (psi) with the injection rates anticipated to be up to 5 gallons per minute (gpm) at a single injection location.
- Approximately 39,900 pounds (approximately 5,225 gallons) of EVO will be diluted with approximately 53,000 gallons of groundwater treated with approximately 460 pounds (55 gallons) of Newman Zone OS™, and 38 liters of SDC-9 culture. The total volume of injection fluid will be approximately 60,000 gallons. This injection fluid will be distributed through 100 injection points at three different intervals within each injection point. A total of approximately 600 gallons of electron donor solution will be injected at each of the 100 proposed injection locations.
- Since the injection volume in total is estimated at less than 5% of the groundwater volume within the estimated area of impact, the injections are not expected to result in measurable movement of impacted groundwater. Based on the pilot test injection procedure, the groundwater elevation increased by 3 to 4 inches in the area surrounding the injection point and receded to the original groundwater elevation within 24 hours. The volume of solution being injected (60,000 gallons) is only 2.5% of the volume of groundwater in the entire treatment area (2,400,000 gallons).

PROPOSED GROUNDWATER MONITORING PLAN

To monitoring the groundwater conditions and the chlorinated hydrocarbon concentrations, groundwater samples will be collected from existing monitoring wells proximal to and downgradient of the injection area for analysis of geochemical parameters and chlorinated VOCs (cVOCs). Two monitoring wells that were part of the pilot test monitoring well network, MW-4 and MW-18R, will be part of the full-scale injection monitoring well network. The other wells monitored during the pilot test (MW-1R, MW-2, MW-42, MW-41, and OP-14) will continue to be monitored with the frequency being every four months until the pilot test area monitoring is coordinated with the full-scale quarterly groundwater monitoring.

The full-scale monitoring program is presented on Table 3. This program includes the baseline sampling, the groundwater elevation monitoring during injections, and the post-injection groundwater monitoring. Samples from monitoring wells will be analyzed for cVOCs, dissolved gases (methane, ethane, and ethene), TOC, dissolved iron, and sulfate. During low-flow purging, field instruments will be used to measure other field parameters, including temperature, specific conductance, pH, DO, and ORP. The field parameters, including DO, ORP, and organic carbon concentration, will be used to evaluate whether suitable geochemical conditions are being created in the aquifer by the electron donor to support anaerobic biological degradation of TCE.

In addition to groundwater sample collection, water levels will be measured occasionally in the groundwater monitoring well network to assess the horizontal gradient, vertical gradient, and direction of groundwater flow.

DISCHARGE MANAGEMENT PLAN

A discharge management plan, as required under the Notice of Intent (NOI), provided in Attachment 4, includes the information specified in Section 3 of the July 1, 2018 Wisconsin Pollutant Discharge Elimination System (WPDES) Permit No. WI-0046566-07-0 for *Contaminated Groundwater From Remedial Action Operations,* is provided below. A summary of the WDNR-requested information is identified in *italics* and the response follows.

1. *A detailed site map.* A Site layout is provided as Figure 2. The Site is within a municipal water service area. There is record of one potable well located approximately 400 feet north (upgradient) of the northern Site property boundary. Based on the well record, the well was installed in 1983 for residential use and is 92 feet deep and completed in limestone bedrock. In addition, the Village of East Troy has a municipal water supply system. In accordance with Ordinance 475-3 (connection to public water supply; private wells), a property owner is required to connect to the municipal system within one year of the public water supply becoming accessible. The Village of East Troy does allow the use of private water wells in areas where no public water supply is available. Based on the distance of this well

from the northern property boundary of the Site, the depth of the well, and the requirements of the Village of East Troy ordinance, this well is not considered to be affected by the activities at the Site.

2. *A general description of the suspected sources of groundwater pollution at the site.* The source of TCE contamination on the Site is from the former vapor degreasing operations that were performed on-Site during the steel tube manufacturing process. This process is no longer being performed on-Site and is not an expected activity for future land use.

3. *Final plans and specifications for the proposed treatment system (if necessary)*. A treatment system is not part of the groundwater remediation plan.

4. *General description of planned operation and maintenance*. As the injections will be performed in small-diameter borings that will be abandoned upon completion of the injection, operation and maintenance of a system will not occur. Proposed sampling locations and routine monitoring and analysis are provided in the Proposed Groundwater Monitoring Plan presented above.

5. *A listing of all required local, state and federal permits, licenses and approvals to construct and implement the remedial or interim action. Please include the s. NR 140.28(5), Wis. Adm Code, temporary exemption request and approval for the injection or infiltration of a substance or remedial material (if necessary)*. A WPDES permit is required for the injections. The NOI is provided in Attachment 4. The NR 140.28(5) temporary exemption is also required for performing subsurface injections. This request is provided in the following section.

6. *Description of erosion and sediment control practices*. The discharge will occur below the ground surface through small-diameter borings without the installation of equipment or disturbance of the surface. The Site is currently covered by concrete, gravel, grass, and trees. The only surface disturbances planned are the drilling of the small-diameter injection borings. Erosion and sediment controls are not required.

7. *A summary of analytical results detected at the site for the substances listed in Table 2 of Section 5.3. The summary shall include results from any volatile organic compounds and polycyclic aromatic hydrocarbons compounds scans.* Summary tables for VOCs are provided in Table 2 for groundwater and Table 4 for soil.

8. *A summary of the substance or remedial material to be used for the purpose of restoring contaminated soil or groundwater (if necessary). Please include the material safety sheets for each substance or material and the sampling location of the discharge*. The substance being used to remediate the groundwater is emulsified vegetable oil as described in the Proposed Groundwater Remediation Scope of Work section above. The sampling plan is described in the Proposed Groundwater Monitoring Plan above. The SDSs of the proposed remedial materials to be injected are provided in Attachment 3.

9. *Monitoring exemption request for sampling for certain contaminants regulated by this permit. The applicant must demonstrate that the contaminants will not be present in the effluent discharge. The initial sample analysis results must not exceed 20% of any permit discharge limitations and certify that there is no abrupt chance that a permit limit will be exceeded through the treatment system*. The injection plan consists of collecting treated groundwater from the on-Site groundwater extraction treatment system or using municipal-supplied water, mixing it with the remedial materials, and injecting the mixture into the groundwater for in-situ treatment of contaminated groundwater. It is not expected that the injection program will result in the discharge of contaminants in the effluent discharge.

10. *Alternative sampling location request for monitoring groundwater discharges at a new or existing groundwater monitoring system downgradient of infiltration system to demonstrate compliance with this permit. Applicants must demonstrate that the groundwater monitoring system is downgradient of infiltration and that a representative sample*

of the discharge will be collected. The Proposed Groundwater Monitoring Plan presented above includes sampling of downgradient monitoring wells and analysis for constituents of concern.

11. *Applicants must demonstrate that there is no reasonable potential to exceed water quality standards listed in to chs. NR 102, NR 104, NR 105, NR 106, NR 207, and NR 217 Wis. Adm. Code, for pollutants not directly limited by this permit, or that there is no reasonable potential to exceed groundwater quality standards listed in Ch. NR 140, Wis. Adm. Code, for pollutants not directly limited by this permit*. Exceedance of groundwater quality standards are inherent in the ERD remedial method. The exceedances are generally considered acceptable temporary side effects of the method in order to remediate recalcitrant chlorinated hydrocarbons. An injection exemption request is provided below.

WPDES PERMIT APPLICATION

Issuance of an injection permit (WPDES) by the WDNR is required before the injection can proceed. A WPDES permit application is provided as Attachment 4. Additional details for the proposed electron donor injection and monitoring are provided in the WPDES permit application.

EXEMPTION REQUEST

Wis. Adm. Code Chapter NR 140.28(5) identifies prerequisites and criteria for granting a temporary exemption when infiltration or injection is utilized for a remedial action. The following sections provide information required by Paragraphs NR 140.28(5)(c) and (d).

NR 140.28(5)(c) – Exemption Prerequisites

This section addresses the exemption prerequisites listed in Paragraphs 1 through 6 of NR 140.28(5)(c):

1. Reasonable Period of Time: This prerequisite requires the remedial action to achieve the applicable response objectives required by NR 140.24(2) (compliance with PALs) or NR 140.26(2) (compliance with ESs) within a reasonable period of time. Based on the results of the pilot study and previous implementation of this remedy at other locations with similar geologic and hydrogeologic conditions, the remedial strategy being implemented at the Site should produce a significant reduction in cVOC mass, as will be determined by periodically monitoring dissolved constituent concentrations following the injection program and observing the contaminant mass and concentration trends.

2. Minimization of Injected Remedial Material: The electron donor consisting of EVO and bioaugmentation products is designed to spread through groundwater flow to locations downgradient of each specific injection location and adsorb to the aquifer matrix. Following injection, the remedial material begins to be used by the ERD process and at some distance downgradient of the injection points, the remedial material is completely adsorbed. The adsorbed organic carbon establishes suitable geochemical conditions over the extent of the organic carbon distribution in the aquifer. The volume of injected remedial material is calculated based on the Site-specific hydrogeologic conditions and groundwater concentrations identified during the Site investigation and the properties of the remedial materials. These calculations are intended to minimize the volume of remedial material necessary to complete the remedial process.

3. Impacts to Public Health or Welfare: The affected groundwater intended for treatment is within the boundaries of the Site, which is fenced to restrict access to the public. The remedial material, prepared with treated groundwater from the Site or municipal water, food-grade organic carbon, and biota for bioaugmentation, does not represent a threat to public health or welfare. The reductive dechlorination of TCE may form detectable cVOC daughter products; however, further degradation will occur as the daughter products in turn degrade to ethene, carbon dioxide, and water. A Site-specific health and safety plan will be prepared to address exposure during the implementation process.

4. Presence of Floating Non-Aqueous Phase Liquid: This prerequisite is not applicable. Light non-aqueous phase liquid (LNAPL) was not observed during the investigation in the area of the injections. LNAPL was previously detected in recovery well RW-3; however, that has been removed through enhanced fluid recovery in this well.

5. Expansion of Groundwater Contamination: Because the anticipated volume of injection solution is a small percentage of the volume of groundwater underlying the injection area (approximately 2.5%), measurable expansion of the impacted groundwater will not occur. The affected groundwater volume in the injection area is estimated to be approximately 2,400,000 gallons of groundwater and the total volume of remedial material mixture that is estimated for injection is 60,000 gallons.

   Monitoring well groundwater elevations will be measured during the injections and groundwater monitoring events to evaluate Site groundwater flow patterns and confirm that substantial changes do not occur during injection events.

6. Other Permits and Licenses: A variance from the WDNR under Section NR 812.05 is required and is addressed below. The application for a WPDES permit is provided in Attachment 4.

NR 140.28(5)(d) - Remedial Action Design, Operation and Monitoring Criteria

This section addresses the design, operation, and monitoring criteria listed in Paragraphs 1 through 5 of NR 140.28(5)(d):

1. Design, Operation, and Monitoring Procedures: The injection procedures described above were established to comply with NR 140.28(5)(c) and (d).

   The groundwater monitoring program described above will be implemented to evaluate the progress of remediation and groundwater system parameters. VOC results will provide an indication of the rate of biodegradation, changes in the dissolved plume and constituent concentration relative to Chapter NR 140 ESs. Water level data will be used to evaluate the remedial process' effect, if any, on groundwater flow. Field indicator parameters, as described above, will be used to confirm that geochemical conditions within the aquifer are suitable for anaerobic biological degradation of TCE.

   Reporting of the monitoring well results will be conducted in accordance with Chapter NR 724 of the Wis. Adm. Code. A completed WDNR Form 4400-194 (R 11/14) will be submitted to the WDNR on a semiannual basis, as long as groundwater remediation continues.

2. Pre-Treatment of Contaminated Groundwater: The injections will utilize a mixture of treated groundwater from the Site or municipal water and electron donor with bioaugmentation. Because the water will be derived following the on-Site treatment process or from a municipal source, pre-treatment of the dilution water with Newman Zone OS™ will be conducted to reduce oxygen levels. This treatment creates a suitable anaerobic environment for the injected culture and facilitates the ERD process.

3. Remedial Material Proposed for Injection: A solution of treated groundwater and electron donor with bioaugmentation will be used as the remedial material at the Site. The SDSs for the electron donor with bioaugmentation are provided in Attachments 3.

4. Volume and Rate of Injection: Approximately 60,000 gallons of the proposed dilute remedial material will be equally distributed among 100 direct push borings through direct injection at rates of up to 5 gpm and pressures of up to 30 psi.

5. Locations of Injection: Figure 8 illustrates the proposed injection point locations.

VARIANCE REQUEST

NR 812.05 – Disposal of Pollutants; Injection Prohibition

Based on NR 812.05, "…the use of any well, drillhole or water system for the placement of any waste, surface or subsurface water or any substance, as defined in s. 160.01 (8), Stats., underground is prohibited unless…the placement is a department-approved activity necessary for…the remediation of contaminated soil, groundwater or an aquifer."

Because the injection of electron donor solution at the Site is a department-approved activity necessary for the remediation of contaminated groundwater, a variance under NR 812.05 is requested for this process.

PROPOSED SCHEDULE

GZA has tentatively scheduled a Geoprobe® contractor and coordinated the delivery of electron donor products to perform the injection in early August 2020, pending WDNR's approval of this temporary exemption and variance. This injection program will likely require approximately three to four weeks to complete. Therefore, the timing for completion relies on the availability of the Geoprobe® contractor's schedule to accommodate three continuous weeks of time. EnPro is prepared to implement this groundwater remedial strategy in Summer 2020.

We appreciate your timely review of this information to allow for this project to proceed as scheduled. If you have any questions or comments, please feel free to contact the undersigned at (262) 754-2578.

Very truly yours,

GZA GeoEnvironmental, Inc.

Kevin M. Hedinger
Senior Hydrogeologist

James F. Drought, P.H.
Principal Hydrogeologist

J:\155900to155999\155935 Trent Tube\01 2019 Regulatory Support\NR 140 Variance- WPDES- Full-Scale\0-FINAL 20.0155935.01 NR140 Exemption Request_Trent Tube 7-21-20.docx

Attachments

c: Benne Hutson, EnPro Holdings, Inc.
Ned Witte, Godfrey & Kahn, LLP
Chris Dietrich, WDNR
Water Permits Central Intake, WDNR
Wendy Weihemuller (including technical review fee)

TABLES

TABLE 1
SUMMARY OF FIELD PARAMETERS - MONITORING WELLS
Former Trent Tube Plant No. 1
2188 Church Street
East Troy, Wisconsin

Well ID	Date	Depth to Water (ft btoc)	Depth to Bottom (ft btoc)	DO (mg/L)	ORP (mV)	Conductivity (µS/cm)	Temperature (°C)	pH (s.u.)
MW-1R	11/29/18	13.6	25.06	3.29	46.2	969	12.13	10.24
	2/13/19	13.42	25.06	2.41	127.6	726	10.56	7.41
	6/19/19	13.1	25.06	0.3	60.1	1408	11.81	7.42
	6/15/20	13.14	25.08	3.98	77.3	829	11.76	7.22
MW-2	11/28/18	10.95	18.90	2.02	26.5	560	11.13	12.2
	2/13/19	10.73	18.92	4.17	156.5	593	8.83	7.39
	6/19/19	10.7	13.96	2.89	69.1	817	10.74	7.47
	6/15/20	9.84	13.99	1.4	-63.8	950	11.22	6.78
MW-4	11/28/18	13.26	22.11	6.79	-193	388	11.78	8.28
	6/19/19	12.05	22.1	4.18	100.1	424	11.73	7.29
	6/15/20	12.7	22.24	0.27	-129	486	11.51	7.24
MW-4A	6/19/19	13.25	51.2	2.26	76.7	394	12.26	7.66
	6/15/20	13.1	52.33	0.1	-123.3	362	12.00	7.6
MW-6	2/13/19	11.64	19.87	2.48	190	687	8.24	7.03
	6/21/19	11.92	19.83	3.02	5.4	1110	11.88	7.17
	6/18/20	11.83	19.85	1.92	-24.2	785	11.3	6.84
MW-6A	6/21/19	13.89	35.24	0.22	-100	589	11.29	8.07
	6/18/20	12.54	35.15	0.07	-30.9	441	11.67	7.5
MW-7R	11/27/18	6.40	13.78	1.27	-225.4	784	8.98	8.37
	6/18/19	6.72	13.78	0.35	-103.4	1116	12.26	7.21
	6/16/20	6.53	13.76	0.37	-109.4	806	10.4	7.22
MW-8	6/18/19	3.46	6.72	1	-11.6	967	13.86	7.3
	6/16/20	4.25	6.7	0.6	-104.8	726	12.53	7.09
MW-11	11/28/18	11.64	18.66	4.79	19.7	500	11.09	11.18
	2/13/19	11.41	18.71	3.04	182.5	442	8.43	7.11
	6/19/19	10.85	18.6	1.28	115.6	518	10.82	7.28
	6/15/20	11.23	18.6	0.5	-122.7	580	10.74	7.31
MW-12	11/28/18	13.13	20.7	1.48	-47.4	780	10.63	10.94
	6/18/19	12.55	20.64	0.71	-97.9	1201	10.97	7.09
	6/16/20	13.21	20.07	1.36	-83.7	858	10.49	6.98
MW-13R	6/17/19	12.66	20.49	3.57	-25.9	1115	11.13	6.99
	6/16/20	13.05	20.5	0.82	-45.2	837	11.04	6.98
MW-15	11/27/18	13.77	19	1.33	-192.3	916	9.27	7.68
	6/18/19	11.47	18.95	0.8	37.5	1290	10.65	6.97
	6/16/20	13.92	18.98	2.36	20.3	990	9.86	6.76

TABLE 1
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Former Trent Tube Plant No. 1
2188 Church Street
East Troy, Wisconsin

Well ID	Date	Depth to Water (ft btoc)	Depth to Bottom (ft btoc)	DO (mg/L)	ORP (mV)	Conductivity (µS/cm)	Temperature (°C)	pH (s.u.)
MW-16	11/28/18	11.78	26.68	1.63	-290.1	518	11.64	8.59
	2/13/19	11.1	27	3.7	126	494	6.92	7.1
	6/18/19	11.08	26.5	1.88	127.1	642	13.08	6.82
	6/15/20	11.33	26.54	0.18	-127.6	542	11.51	7.13
MW-17R	11/28/18	7.26	19.2	1.2	-4.9	610	10.89	14.69
	6/18/19	6.42	19.2	0.05	-214.7	789	14.18	11
	6/15/20	6.95	19.19	0.1	-150.6	687	13.09	11.47
MW-18R	6/18/19	10.18	22.4	1.14	-189.4	588	12.69	7.2
	6/15/20	10.39	22.3	1.2	42.5	546	11.94	7.26
MW-19	11/29/18	5.63	10.41	0.5	-72.7	768	7.81	6.19
	6/19/19	4.73	10.38	0.71	-120.5	975	12.95	7.37
	6/16/20	4.91	10.31	1.54	-97.4	732	12.94	7.31
MW-20	11/27/18	5.41	11.56	1.63	-283	580	7.88	8.79
	6/18/19	5.46	11.56	0.31	23.7	876	12.92	7.08
	6/16/20	6.6	11.56	0.61	-108.7	640	11.48	7.04
MW-21	6/19/19	7.15	17.6	0.96	100.1	1016	16.03	7.12
	6/15/20	7.5	17.54	0.38	-129.6	861	16.86	7.05
MW-25	11/29/18	5.58	14.95	0.73	-171.5	1102	8.44	8.7
	6/19/19	5.95	14.92	0.64	-55.9	1145	11.63	7.26
	6/19/20	7.5	14.92	1.22	-37.5	937	11.23	7.11
MW-27	11/29/18	4.35	14.05	1.6	1.7	1440	9.8	10.05
	6/19/19	4.29	14.05	0.49	-49.5	2137	10.86	7.23
	6/19/20	4.74	14.05	0.02	-69.9	1320	11.21	7.36
MW-29	11/29/18	5.84	14.98	4.19	-169.1	753	7.4	8.56
	6/19/19	6.91	14.91	3.98	49.4	1247	11.73	7.3
	6/19/20	9.05	14.91	2.41	110.4	1123	11.35	7.02
MW37R	11/28/18	8.1	20.76	6.14	34.5	320	10.28	10.89
	2/13/19	6.71	20.78	5.42	165.8	240	7.46	7.77
	6/18/19	7.38	20.7	1.05	166.1	297	14.05	7.46
	6/15/20	7.99	20.75	1.82	-100.7	255	12.96	7.58
MW-38	6/19/19	10.25	19.3	4.77	81.2	590	13.21	7.64
	6/15/20	10.38	19.28	4.66	-103.9	617	13.15	7.4
MW-39	6/18/19	12.73	22.05	2.39	-184.4	526	14.09	7.36
	6/15/20	13.02	21.91	2.38	87.6	500	12.76	7.4
MW-40	6/18/19	12.48	20.4	1.87	202.1	677	12.45	6.74
	6/15/20	12.63	20.41	0	108.5	640	11.49	6.83
MW-41	6/19/19	12.75	22.1	6.49	29.7	410	12.04	7.45
	6/15/20	12.21	22.1	4.84	94.3	546	12.07	7.1

TABLE 1
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Former Trent Tube Plant No. 1
2188 Church Street
East Troy, Wisconsin

Well ID	Date	Depth to Water (ft btoc)	Depth to Bottom (ft btoc)	DO (mg/L)	ORP (mV)	Conductivity (µS/cm)	Temperature (°C)	pH (s.u.)
MW-42	6/19/19	11.78	22.3	2.26	26.1	555	12.08	7.38
	6/15/20	11.43	21.98	1.5	-93.2	766	12.63	6.89
OP-1	6/21/19	18.78	24.3	0.54	119.5	656	11.45	6.9
	6/17/20	18.75	24.3	0.76	-71.7	639	14.2	6.96
OP-2	11/28/18	17.2	22.78	2.02	-209.2	544	10.75	8.32
	2/13/19	14.29	22.69	6.08	167.1	646	8.95	7.1
	6/21/19	16.1	22.6	1.91	120.7	716	11.61	6.7
	6/16/20	13.14	22.8	2.7	100.6	672	13.77	7.01
OP-3	11/28/18	16.54	19.66	0.55	-216.5	515	9.2	8.21
	2/13/19	8.79	19.46	5.72	164.8	332	8.47	7.58
	6/21/19	14.19	19.45	8.85	123.7	510	12.16	7.16
	6/17/20	11.92	19.54	0.17	-28.4	597	12.19	7.25
OP-4	6/21/19	13.81	19.65	1.5	50.3	762	11.6	7.26
	6/17/20	14.14	19.66	2.52	15.9	593	11.6	7.03
OP-5	6/21/19	12.38	17.92	3.93	58.1	847	11.55	7.25
	6/18/20	11.91	18.37	0.69	82.3	862	11.07	7.03
OP-7	6/18/20	12.32	18.68	0.9	91.5	1077	11.3	6.75
OP-8	6/20/19	12.35	20.21	1.04	45.6	1349	10.14	7.14
	6/19/20	12.96	20.19	0.4	60.3	1059	9.89	6.77
OP-9	11/27/18	11.93	27.35	0.53	-196.3	1421	11.42	7.68
	6/17/19	11.2	23.3	0.42	-58.6	1562	10.83	6.83
	6/16/20	11.88	27.37	0.29	-49.8	1035	11.14	6.81
OP-10	6/20/19	7.4	19.6	0.72	-80.1	1117	11.87	7.28
	6/19/20	7.87	19.6	0.3	-21.8	892	12.74	6.85
OP-11	6/18/19	13.45	24.86	0.25	-174.7	1267	11.49	7.72
	6/16/20	13.88	24.89	1.74	-134.6	933	11.31	7.56
OP-14	2/13/19	10.88	22.02	5.32	144.2	639	7.45	7.02
	6/20/19	12.02	21.95	4.56	109.4	668	11.28	7
	6/16/20	11.89	21.9	3.3	106.7	679	11.3	6.98
OP-15	2/13/19	14.32	24.59	3.47	151.2	555	7.95	7.02
	6/20/19	15.22	24.5	0.36	133.4	678	12.21	6.9
	6/16/20	16.28	24.55	0.36	-96.1	612	12.01	7.15
OP-16	6/20/19	17.42	24.45	0.17	-37.6	684	12.41	6.97
	6/16/20	18.09	24.47	0.29	-92.7	649	13.57	7.08
CR-1	2/13/19	-	-	8.97	98.5	356	2.42	8.07
	2/20/19	-	-	17.88	-286.3	373	2.54	8.01

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East Troy, Wisconsin

Well ID	Date	Depth to Water (ft btoc)	Depth to Bottom (ft btoc)	DO (mg/L)	ORP (mV)	Conductivity (µS/cm)	Temperature (°C)	pH (s.u.)
CR-2	2/13/19	-	-	12.47	158.7	358	1.1	8.14
	2/20/19	-	-	18.65	-281.9	369	2.24	7.94
CR-3	2/20/19	-	-	18.52	-273.6	373	2.84	7.87
THA-1	2/15/19	4.24	6.28	10.26	54	470	10.2	7.7

Notes:

1. btoc = below top of casing.
2. DO = dissolved oxygen; mg/L = milligrams per liter.
3. ORP = oxygen-reduction potential; mV = millivolts.
4. µS/cm = microSiemens per centimeter.
5. ^{o}C = degrees Celsius.
6. s.u. = Standard Units

TABLE 2
GROUNDWATER ANALYTICAL RESULTS
Former Trent Tube Plant No. 1
2188 Church Street
East Troy, Wisconsin

Well Number	Date	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Benzene	Chloroethane	Methylene Chloride	Naphthalene	Tetrachloroethene	Toluene	Trichloroethene	Vinyl chloride	cis-1,2-Dichloroethene	o-Xylene	trans-1,2-Dichloroethene	Ethane	Ethene	Iron, dissolved	Manganese, dissolved	Nitrate as N (mg/L)	Sulfate (mg/L)	Alkalinity, total (as CaCO3)	Total Organic Carbon (mg/L)	Methane
Preventive Action Limit		40	0.5	85	0.7	0.5	0.5	80	0.5	10	0.5	160	0.5	0.02	7	400	20									
Enforcement Standard		200	5	850	7	5	5	400	5	100	5	800	5	0.2	70	2,000	100									
MW-01R	6/19/2019	0.76 J	< 0.55 U	3.3	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	1.3	< 0.17 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 1.1 U	< 0.58 U	< 0.52 U	< 35.4 U	32.6	0.093 J	514	269	NA	NA
MW-01R	6/15/2020	3.9	<0.55	9.8	<0.24	<0.28	<0.25	<1.3	<0.58	<1.2	<0.33	<0.27	0.55 J	<0.17	0.31 J	<0.26	<0.46	<1.2	<1.2	<29.6	NA	NA	307	263	3.9	<0.66
MW-02	6/19/2019	< 24.5 U	< 55.2 U	< 27.3 U	< 24.5 U	< 28.0 U	< 24.6 U	< 134 U	< 58.1 U	< 118 U	< 32.6 U	< 17.2 U	**15000**	< 17.5 U	< 27.1 U	< 26.2 U	< 109 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-02	6/19/2019	< 24.5 U	< 55.2 U	< 27.3 U	< 24.5 U	< 28.0 U	< 24.6 U	< 134 U	< 58.1 U	< 118 U	< 32.6 U	< 17.2 U	**16400**	< 17.5 U	< 27.1 U	< 26.2 U	< 109 U	< 0.58 U	< 0.52 U	< 35.4 U	< 1.1 U	0.14 J	90.1	304	3	
MW-02	6/15/2020	<6.1	<13.8	<6.8	**20.7 J**	<7	<6.2	<33.6	<14.5	<29.4	<8.2	<6.7	<6.4	**42**	**3400**	<6.5	<11.6	2.0 J	1.2 J	16200	NA	NA	3.8 J	684	158	1680
MW-04	6/19/2019	3.2	< 1.4 U	< 0.68 U	< 0.61 U	< 0.70 U	< 0.62 U	< 3.4 U	< 1.5 U	< 2.9 U	2.9	< 0.43 U	**112**	< 0.44 U	1.8 J	< 0.65 U	< 2.7 U	< 0.58 U	< 0.52 U	< 35.4 U	< 1.1 U	< 0.075 U	40.9	252	NA	NA
MW-04	6/15/2020	2.5	<0.55	0.56 J	0.42 J	<0.28	<0.25	<1.3	<0.58	<1.2	2.3	<0.27	**78.6**	<0.17	**99**	<0.26	0.54 J	<1.2	<1.2	371	NA	NA	32.9	365	9.6	7.4
MW-04A	6/19/2019	< 0.24 U	< 0.55 U	< 0.27 U	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	2.3	< 0.17 U	0.46 J	< 0.17 U	< 0.27 U	< 0.26 U	< 1.1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-04A	6/15/2020	<0.24	<0.55	<0.27	<0.24	<0.28	<0.25	<1.3	<0.58	<1.2	4	<0.27	1	<0.17	<0.27	<0.26	<0.46	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-06	6/21/2019	< 1.2 U	< 2.8 U	2.0 J	< 1.2 U	< 1.4 U	< 1.2 U	< 6.7 U	< 2.9 U	< 5.9 U	< 1.6 U	< 0.86 U	**42.5**	**46.2**	**458**	< 1.3 U	< 5.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-06	6/18/2020	<1.2	<2.8	2.2 J	<1.2	<1.4	<1.2	<6.7	<2.9	<5.9	<1.6	<1.3	**64.8**	**31.8**	**231**	<1.3	3.5 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-06A	6/21/2019	< 0.24 U	< 0.55 U	< 0.27 U	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	1.6	< 0.17 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 1.1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-06A	6/18/2020	<0.24	<0.55	<0.27	<0.24	<0.28	<0.25	<1.3	<0.58	<1.2	0.83 J	<0.27	<0.26	<0.17	<0.27	<0.26	<0.46	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-07R	6/18/2019	< 0.24 U	< 0.55 U	1.1	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	< 0.33 U	< 0.17 U	0.41 J	**0.69 J**	1.5	< 0.26 U	< 1.1 U	1.8 J	< 0.52 U	10300	689	< 0.38 U	52.2	570	6.7	
MW-07R	6/18/2019	< 0.24 U	< 0.55 U	1.4	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	0.40 J	< 0.17 U	0.41 J	**0.56 J**	1.5	< 0.26 U	< 1.1 U	NA	NA	NA	NA	NA	NA	NA	NA	
MW-07R	6/16/2020	<0.24	<0.55	2.8	0.49 J	<0.28	<0.25	<1.3	<0.58	<1.2	0.35 J	<0.27	0.80 J	**46.4**	**222**	<0.26	1.5 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-08	6/18/2019	< 0.24 U	< 0.55 U	< 0.27 U	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	0.55 J	< 0.17 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 1.1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-08	6/16/2020	<0.24	<0.55	0.37 J	<0.24	<0.28	<0.25	<1.3	<0.58	<1.2	0.36 J	<0.27	<0.26	**0.38 J**	0.67 J	<0.26	<0.46	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-11	6/19/2019	< 0.24 U	< 0.55 U	< 0.27 U	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	0.70 J	< 0.17 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 1.1 U	< 0.58 U	< 0.52 U	< 35.4 U	42	2.3	14.9 J	286	1.9	
MW-11	6/15/2020	<0.24	<0.55	<0.27	<0.24	<0.28	<0.25	<1.3	<0.58	<1.2	0.85 J	<0.27	<0.26	<0.17	<0.27	<0.26	<0.46	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-12	6/18/2019	< 0.24 U	< 0.55 U	< 0.27 U	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	0.63 J	< 0.17 U	< 0.26 U	**0.34 J**	< 0.27 U	< 0.26 U	< 1.1 U	15.4	1.4 J	18200	131	< 0.38 U	< 5.0 U	540	NA	NA
MW-12	6/16/2020	<0.24	<0.55	<0.27	<0.24	<0.28	<0.25	<1.3	<0.58	<1.2	<0.33	<0.27	<0.26	**0.42 J**	<0.27	<0.26	<0.46	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-13R	6/18/2019	< 0.24 U	< 0.55 U	1.8	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	1.4	< 0.17 U	0.37 J	**10.8**	4.2	< 0.26 U	1.3 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-13R	6/16/2020	<0.24	<0.55	2	<0.24	<0.28	<0.25	<1.3	<0.58	<1.2	<0.33	<0.27	<0.26	**10**	3.4	<0.26	1.2 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-15	6/18/2019	32.4	< 0.55 U	19.6	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	0.73 J	< 0.17 U	1.9	**0.33 J**	1.7	< 0.26 U	< 1.1 U	< 0.58 U	1.3 J	< 35.4 U	6.2	< 0.075 U	107	722	NA	NA
MW-15	6/16/2020	5.4	<0.55	26	<0.24	<0.28	<0.25	<1.3	<0.58	1.5 J	0.59 J	<0.27	1.9	**3.6**	3	<0.26	<0.46	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-16	6/18/2019	**953**	< 11.0 U	80.1	**9.0 J**	< 5.6 U	< 4.9 U	< 26.8 U	< 11.6 U	< 23.5 U	< 6.5 U	< 3.4 U	**38.6**	< 3.5 U	**177**	< 5.2 U	< 21.8 U	< 0.58 U	< 0.52 U	281	42.4	< 0.38 U	45.1	426	3	
MW-16	6/15/2020	**969**	<11.0	374	<4.9	<5.6	<4.9	<26.8	<11.6	<23.5	<6.5	<5.4	<5.1	**7.2 J**	**91.8**	<5.2	<9.3	<1.2	<1.2	1220	NA	<0.044	31.7	434	2.6	34.1
MW-17R	6/18/2019	< 0.49 U	< 1.1 U	1.5 J	1.0 J	< 0.56 U	< 0.49 U	< 2.7 U	< 1.2 U	< 2.4 U	1.9 J	< 0.34 U	**491**	**13.6**	**259**	< 0.52 U	11.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-17R	6/18/2019	< 2.4 U	< 5.5 U	< 2.7 U	< 2.4 U	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	< 11.8 U	< 3.3 U	< 1.7 U	**412**	**16.2**	**253**	< 2.6 U	13.4 J	< 0.58 U	0.97 J	< 35.4 U	< 1.1 U	< 0.075 U	169	156	NA	NA
MW-17R	6/15/2020	<1.2	<2.8	<1.4	<1.2	<1.4	<1.2	<6.7	<2.9	<5.9	2.2 J	<1.3	**376**	10.2	**150**	<1.3	9.3	<1.2	1.6 J	<29.6	NA	<0.044	94.1	196	9.2	88.7
MW-18R	6/18/2019	< 4.9 U	< 11.0 U	6.7 J	**10.2 J**	< 5.6 U	< 4.9 U	< 26.8 U	< 11.6 U	< 23.5 U	< 6.5 U	< 3.4 U	**5150**	**33.8**	**2390**	< 5.2 U	23.0 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-18R	6/15/2020	<4.9	<11.0	<5.5	**10.3 J**	<5.6	<4.9	<26.8	<11.6	<23.5	<6.5	<5.4	**3910**	**30.7**	**1950**	<5.2	22.9 J	2.1 J	1.7J	<29.6	NA	NA	73.5	317	2.1	1460
MW-19	6/19/2019	< 0.24 U	< 0.55 U	0.66 J	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	0.60 J	< 0.17 U	< 0.26 U	**10.3**	1.5	< 0.26 U	< 1.1 U	3.5 J	3.2 J	10500	950	< 0.38 U	< 5.0 U	560	NA	NA
MW-19	6/16/2020	<0.24	<0.55	1.4	<0.24	<0.28	<0.25	<1.3	<0.58	<1.2	<0.33	<0.27	<0.26	**40.7**	9	<0.26	<0.46	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-20	6/18/2019	< 0.24 U	< 0.55 U	< 0.27 U	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	0.43 J	< 0.17 U	< 0.26 U	< 0.17 U	0.32 J	< 0.26 U	< 1.1 U	< 0.58 U	< 0.52 U	409	914	< 0.075 U	35.1	482	NA	NA
MW-20	6/16/2020	<0.24	<0.55	<0.27	<0.24	<0.28	<0.25	<1.3	<0.58	<1.2	<0.33	<0.27	<0.26	<0.17	0.50 J	<0.26	<0.46	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-21	6/19/2019	0.85 J	< 0.55 U	< 0.27 U	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	0.65 J	< 0.17 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 1.1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-21	6/15/2020	0.69 J	<0.55	<0.27	<0.24	<0.28	<0.25	<1.3	<0.58	<1.2	<0.33	<0.27	<0.26	<0.17	<0.27	<0.26	<0.46	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-25	6/19/2019	< 0.24 U	< 0.55 U	< 0.27 U	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	0.47 J	< 0.17 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 1.1 U	< 0.58 U	< 0.52 U	1990	104	< 0.075 U	159	435	NA	NA
MW-25	6/19/2020	<0.24	<0.55	<0.27	<0.24	<0.28	<0.25	<1.3	<0.58	<1.2	<0.33	<0.27	<0.26	<0.17	<0.27	<0.26	<0.46	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-27	6/19/2019	< 0.24 U	< 0.55 U	< 0.27 U	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	0.63 J	< 0.17 U	< 0.26 U	**0.20 J**	0.42 J	< 0.26 U	< 1.1 U	< 0.58 U	< 0.52 U	2870	835	< 0.38 U	< 5.0 U	488	NA	NA
MW-27	6/19/2020	<0.24	<0.55	<0.27	<0.24	<0.28	<0.25	<1.3	<0.58	<1.2	<0.33	<0.27	<0.26	**0.33 J**	0.50 J	<0.26	<0.46	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-29	6/19/2019	< 0.24 U	< 0.55 U	< 0.27 U	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	0.58 J	< 0.17 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 1.1 U	< 0.58 U	< 0.52 U	< 35.4 U	14.1	5.1	448	280	NA	NA
MW-29	6/19/2020	<0.24	<0.55	<0.27	<0.24	<0.28	<0.25	<1.3	<0.58	<1.2	<0.33	<0.27	<0.26	<0.17	<0.27	<0.26	<0.46	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 2
GROUNDWATER ANALYTICAL RESULTS
Former Trent Tube Plant No. 1
2188 Church Street
East Troy, Wisconsin

Well Number	Date	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Benzene	Chloroethane	Methylene Chloride	Naphthalene	Tetrachloroethene	Toluene	Trichloroethene	Vinyl chloride	cis-1,2-Dichloroethene	o-Xylene	trans-1,2-Dichloroethene	Ethane	Ethene	Iron, dissolved	Manganese, dissolved	Nitrate as N (mg/L)	Sulfate (mg/L)	Alkalinity, total (as CaCO3)	Total Organic Carbon (mg/L)	Methane
Preventive Action Limit		40	0.5	85	0.7	0.5	0.5	80	0.5	10	0.5	160	0.5	0.02	7	400	20									
Enforcement Standard		200	5	850	7	5	5	400	5	100	5	800	5	0.2	70	2,000	100									
MW-37R	6/18/2019	< 0.24 U	< 0.55 U	< 0.27 U	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	0.65 J	< 0.17 U	1.8	< 0.17 U	< 0.27 U	< 0.26 U	< 1.1 U	< 0.58 U	< 0.52 U	< 35.4 U	< 1.1 U	< 0.075 U	13	178	NA	NA
MW-37R	6/16/2020	<0.24	<0.55	<0.27	<0.24	<0.28	<0.25	<1.3	<0.58	<1.2	<0.33	<0.27	1.6	<0.17	<0.27	<0.26	<0.46	<1.2	<1.2	<29.6	NA	<0.044	11.6	176	1.4	<0.66
MW-38	6/19/2019	0.25 J	< 0.55 U	< 0.27 U	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	0.43 J	< 0.17 U	< 0.26 U	< 0.17 U	< 0.27 U	< 0.26 U	< 1.1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/15/2020	<0.24	<0.55	<0.27	<0.24	<0.28	<0.25	<1.3	<0.58	<1.2	<0.33	<0.27	<0.26	<0.17	<0.27	<0.26	<0.46	<1.2	<1.2	<29.6	NA	NA	126	255	1.5	<0.66
MW-39	6/18/2019	120	< 5.5 U	45.2	**33.4**	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	< 11.8 U	< 3.3 U	< 1.7 U	**839**	**3.1 J**	**200**	< 2.6 U	31.3 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-39	6/15/2020	59	<5.5	49.3	**47.5**	<2.8	<2.5	<13.4	<5.8	<11.8	<3.3	<2.7	**1380**	**4.8 J**	**533**	<2.6	89.5	<1.2	<1.2	206	NA	0.20	49.5	279	1.9	17.4
MW-40	6/18/2019	**8410**	4.7 J	528	**170**	< 1.1 U	< 0.99 U	< 5.4 U	< 2.3 U	< 4.7 U	3.2 J	< 0.69 U	**248**	**0.90 J**	**508**	< 1.0 U	< 4.4 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-40	6/15/2020	**7890**	<55.2	262	**157**	<28.0	<24.6	<134	<58.1	<118	<32.6	<26.9	**172**	<17.5	**586**	<26.2	<46.4	<1.2	<1.2	<29.6	NA	<0.044	68.4	408	2.5	4
MW-41	6/19/2019	1.9	< 0.55 U	0.64 J	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	1.5	< 0.17 U	**27.7**	< 0.17 U	0.39 J	< 0.26 U	< 1.1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-41	6/15/2020	1.6	<0.55	0.41 J	<0.24	<0.28	<0.25	<1.3	<0.58	<1.2	1.2	<0.27	**60.5**	<0.17	7.8	<0.26	<0.46	<1.2	<1.2	<29.6	NA	NA	33.9	349	3.8	<0.66
MW-42	6/19/2019	< 24.5 U	< 55.2 U	< 27.3 U	< 24.5 U	< 28.0 U	< 24.6 U	< 134 U	< 58.1 U	< 118 U	< 32.6 U	< 17.2 U	**5180**	< 17.5 U	< 27.1 U	< 26.2 U	< 109 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-42	6/15/2020	5.2	<2.8	4.3 J	**15.3**	<1.4	<1.2	<6.7	<2.9	<5.9	<1.6	<1.3	**2150**	**1.2 J**	**1760**	<1.3	<2.3	<1.2	<1.2	27500	NA	NA	19.6	434	93.5	1700
OP-01	6/21/2019	166	< 5.5 U	18.9	4.1 J	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	< 11.8 U	< 3.3 U	< 1.7 U	**515**	< 1.7 U	**201**	< 2.6 U	< 10.9 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
OP-01	6/17/2020	136	<2.8	23.4	2.8 J	<1.4	<1.2	<6.7	<2.9	<5.9	<1.6	<1.3	**345**	**2.2 J**	**193**	<1.3	3.5 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
OP-02	6/21/2019	**485**	< 1.1 U	95.2	3.9	< 0.56 U	< 0.49 U	< 2.7 U	< 1.2 U	< 2.4 U	< 0.65 U	< 0.34 U	**127**	**3.7**	**151**	< 0.52 U	< 2.2 U	1.7 J	0.83 J	357	489	< 0.38 U	82.2	458	NA	NA
OP-2	6/16/2020	**326**	<1.1	42.2	**17**	<0.56	<0.49	<2.7	<1.2	<2.4	1.3 J	<0.54	**414**	<0.35	**762**	<0.52	3.8	<1.2	<1.2	<29.6	NA	0.11 J	61.8	395	2.6	<0.66
OP-03	6/21/2019	188	< 0.55 U	58.5	**30.5**	< 0.28 U	< 0.25 U	2.8 J	< 0.58 U	< 1.2 U	0.54 J	< 0.17 U	**77.8**	**4.9**	**130**	< 0.26 U	1.1 J	0.96 J	0.66 J	< 35.4 U	71.7	< 0.075 U	38.6	371	2	
OP-03	6/17/2020	**364**	<2.8	129	**60.6**	<1.4	<1.2	10.3 J	<2.9	<5.9	<1.6	<1.3	**593**	**47.9**	**439**	<1.3	4.5 J	8.6	5.7	652	NA	0.054 J	58.2	404	2.5	375
OP-04	6/21/2019	186	< 1.1 U	28.2	**14.3**	< 0.56 U	< 0.49 U	< 2.7 U	< 1.2 U	< 2.4 U	1.4 J	< 0.34 U	**175**	< 0.35 U	47.4	< 0.52 U	< 2.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
OP-04	6/17/2020	**275**	<1.1	45.6	**24.8**	<0.56	<0.49	<2.7	<1.2	<2.4	<0.65	<0.54	**81.3**	**2.8**	**119**	<0.52	1.3 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
OP-05	6/21/2019	< 2.4 U	< 5.5 U	6.6 J	3.7 J	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	< 11.8 U	< 3.3 U	< 1.7 U	**476**	**44.8**	**607**	< 2.6 U	< 10.9 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
OP-05	6/18/2020	<2.4	<5.5	8.3 J	3.8 J	<2.8	<2.5	<13.4	<5.8	<11.8	<3.3	<2.7	**51.9**	**118**	**977**	<2.6	<4.6	5.6	4.5 J	2470	NA	<0.44	175	478	4.9	199
OP-07	6/20/2019	3.1 J	< 5.5 U	2.9 J	5.9 J	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	< 11.8 U	3.8 J	< 1.7 U	**646**	**4.5 J**	**904**	< 2.6 U	< 10.9 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
OP-07	6/18/2020	<12.2	<27.6	<13.6	**35.8 J**	<14.0	<12.3	<67.1	<29.0	<58.8	<16.3	<13.5	**3570**	**150**	**13900**	<13.1	32.2 J	1.9 J	2.7 J	1760	NA	<0.044	245	555	7.2	12.7
OP-08	6/20/2019	< 0.24 U	< 0.55 U	1.1	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	0.95 J	< 0.17 U	2.7	**1.3**	2.9	< 0.26 U	< 1.1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
OP-08	6/19/2020	<0.24	<0.55	4.2	**13.5**	0.33 J	0.27 J	<1.3	<0.58	<1.2	<0.33	<0.27	**33.2**	**1350**	**5050**	<0.26	20.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
OP-09	6/18/2019	< 0.24 U	< 0.55 U	0.73 J	0.93 J	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	2	< 0.17 U	3	**36.4**	16.5	< 0.26 U	9.4	2.9 J	2.8 J	7020	**2260**	< 0.075 U	500	490	NA	NA
OP-9	6/16/2020	<0.24	<0.55	0.68 J	<0.24	<0.28	<0.25	<1.3	<0.58	<1.2	<0.33	<0.27	0.88 J	**41.7**	9	<0.26	3.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
OP-10	6/20/2019	0.79 J	< 0.55 U	4.5	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	0.75 J	< 0.17 U	**8.6**	**13.6**	9.6	< 0.26 U	< 1.1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
OP-10	6/19/2020	1.8	<0.55	5.2	<0.24	<0.28	<0.25	<1.3	<0.58	<1.2	<0.33	<0.27	**13.1**	**14.2**	16.2	<0.26	0.55 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
OP-11	6/18/2019	< 0.24 U	< 0.55 U	1.2	< 0.24 U	< 0.28 U	0.46 J	< 1.3 U	< 0.58 U	< 1.2 U	0.99 J	< 0.17 U	< 0.26 U	**52.8**	2	< 0.26 U	< 1.1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
OP-11	6/16/2020	<0.24	<0.55	1.3	<0.24	<0.28	0.40 J	<1.3	<0.58	<1.2	<0.33	<0.27	<0.26	**46**	0.84 J	<0.26	<0.46	NA	NA	NA	NA	NA	NA	NA	NA	NA
OP-14	6/20/2019	2.9 J	< 5.5 U	< 2.7 U	< 2.4 U	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	< 11.8 U	**13.3**	< 1.7 U	**473**	< 1.7 U	16.4	< 2.6 U	< 10.9 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
OP-14	6/16/2020	1.4 J	<2.2	<1.1	<0.98	<1.1	<0.99	<5.4	<2.3	<4.7	3.8 J	<1.1	**168**	<0.70	**209**	<1.0	<1.9	<1.2	<1.2	131	NA	NA	55.8	451	11.5	<0.66
OP-15	6/20/2019	62.1	< 1.4 U	6.6	1.9 J	< 0.70 U	< 0.62 U	< 3.4 U	< 1.5 U	< 2.9 U	**27.8**	< 0.43 U	**282**	**0.48 J**	**94**	< 0.65 U	< 2.7 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
OP-15	6/16/2020	14.6	1.4 J	8.6	1.7 J	<0.70	<0.62	<3.4	<1.5	<2.9	**21.6**	<0.67	**312**	**33**	**342**	<0.65	7.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
OP-16	6/20/2019	7	< 1.1 U	26.2	0.99 J	< 0.56 U	< 0.49 U	< 2.7 U	< 1.2 U	< 2.4 U	< 0.65 U	< 0.34 U	**43.8**	**106**	**145**	1.2 J	< 2.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
OP-16	6/16/2020	3.8	<1.1	22.5	0.94 J	<0.56	<0.49	<2.7	<1.2	<2.4	0.76 J	<0.54	**58.3**	**80.3**	**143**	0.87 J	1.4 J	8.8	2.6 J	2540	NA	<0.044	32.4	456	6.1	1420
RW-01	6/21/2019	142	< 0.55 U	9.8	2	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	< 0.33 U	< 0.17 U	**39.8**	**0.63 J**	52.8	< 0.26 U	< 1.1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-01	6/17/2020	66.4	<0.55	3	0.89 J	<0.28	<0.25	<1.3	<0.58	<1.2	0.75 J	<0.27	**19.2**	<0.17	4.9	<0.26	<0.46	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-02	6/21/2019	**258**	< 5.5 U	24	3.2 J	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	< 11.8 U	< 3.3 U	< 1.7 U	**404**	**2.0 J**	**149**	< 2.6 U	< 10.9 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-02	6/17/2020	**263**	<2.8	32.7	**13.6**	<1.4	<1.2	<6.7	<2.9	<5.9	<1.6	<1.3	**314**	**2.9 J**	**685**	<1.3	9.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-03	6/21/2019	**217**	< 55.2 U	42.9 J	< 24.5 U	< 28.0 U	< 24.6 U	< 134 U	< 58.1 U	< 118 U	< 32.6 U	< 17.2 U	**350**	**176**	**7800**	< 26.2 U	< 109 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-03	6/17/2020	**590**	<11.0	69	**34.2**	<5.6	<4.9	<26.8	<11.6	<23.5	<6.5	<5.4	**172**	**52.4**	**1490**	<5.2	<9.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-04	6/21/2019	139	< 1.1 U	27.7	6.2	< 0.56 U	< 0.49 U	< 2.7 U	< 1.2 U	< 2.4 U	0.98 J	< 0.34 U	**130**	**2.0 J**	**165**	< 0.52 U	< 2.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-04	6/21/2019	164	< 1.1 U	31.2	**7.5**	< 0.56 U	< 0.49 U	< 2.7 U	< 1.2 U	< 2.4 U	1.3 J	< 0.34 U	**143**	**2.5**	**174**	< 0.52 U	< 2.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 2
GROUNDWATER ANALYTICAL RESULTS
Former Trent Tube Plant No. 1
2188 Church Street
East Troy, Wisconsin

Well Number	Date	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Benzene	Chloroethane	Methylene Chloride	Naphthalene	Tetrachloroethene	Toluene	Trichloroethene	Vinyl chloride	cis-1,2-Dichloroethene	o-Xylene	trans-1,2-Dichloroethene	Ethane	Ethene	Iron, dissolved	Manganese, dissolved	Nitrate as N (mg/L)	Sulfate (mg/L)	Alkalinity, total (as CaCO3)	Total Organic Carbon (mg/L)	Methane
Preventive Action Limit		40	0.5	85	0.7	0.5	0.5	80	0.5	10	0.5	160	0.5	0.02	7	400	20									
Enforcement Standard		200	5	850	7	5	5	400	5	100	5	800	5	0.2	70	2,000	100									
RW-04	6/17/2020	161	<1.1	39.2	**11.9**	<0.56	<0.49	<2.7	<1.2	<2.4	0.72 J	<0.54	**99.5**	**0.80 J**	39.5	<0.52	<0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-05	6/21/2019	**290**	< 5.5 U	33.8	**12**	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	< 11.8 U	< 3.3 U	< 1.7 U	**520**	**24.3**	**1600**	< 2.6 U	16.6 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-05	6/18/2020	6.2 J	<11	9.7 J	5.9 J	<5.6	<4.9	<26.8	<11.6	<23.5	<6.5	<5.4	**2860**	**80.6**	**1490**	<5.2	48	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-06	6/21/2019	< 2.4 U	< 5.5 U	< 2.7 U	< 2.4 U	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	< 11.8 U	< 3.3 U	< 1.7 U	**118**	**16.7**	**407**	< 2.6 U	< 10.9 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-06	6/18/2020	<0.49	<1.1	2.1	0.70 J	<0.56	<0.49	<2.7	<1.2	<2.4	<0.65	<0.54	**22**	**10.1**	**211**	<0.52	2.2 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-07	6/20/2019	< 2.4 U	< 5.5 U	< 2.7 U	**45.7**	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	< 11.8 U	< 3.3 U	< 1.7 U	**928**	**567**	**10900**	< 2.6 U	53.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-07	6/18/2020	<4.9	<11	<5.5	6.8 J	<5.6	<4.9	<26.8	<11.6	<23.5	<6.5	<5.4	**2030**	**13**	**2500**	<5.2	17.6 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-08	6/21/2019	126	< 0.55 U	33.5	4.7	< 0.28 U	< 0.25 U	2.9 J	< 0.58 U	< 1.2 U	0.76 J	< 0.17 U	**16.6**	**21.5**	**202**	< 0.26 U	< 1.1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-08	6/15/2020	**228**	<1.4	17.6	**7.4**	<0.70	<0.62	<3.4	<1.5	<2.9	0.82 J	<0.67	**37**	**10**	**187**	<0.65	<1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-10	6/20/2019	< 0.24 U	< 0.55 U	0.89 J	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	1.2 J	0.59 J	< 0.17 U	4	**2.9**	12.2	< 0.26 U	< 1.1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-10	6/18/2020	<0.24	<0.55	1.3	<0.24	<0.28	<0.25	<1.3	<0.58	<1.2	<0.33	<0.27	0.99 J	**3.6**	7.3	<0.26	<0.46	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-11	6/20/2019	1.5	< 0.55 U	2.1	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	0.81 J	< 0.17 U	4.1	**8.4**	33.8	< 0.26 U	< 1.1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-11	6/18/2020	<0.24	<0.55	1.9	<0.24	<0.28	<0.25	<1.3	<0.58	<1.2	<0.33	<0.27	0.37 J	**4.7**	1	<0.26	<0.46	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-12	6/20/2019	5.8	< 0.55 U	25.1	< 0.24 U	< 0.28 U	0.37 J	2.0 J	< 0.58 U	< 1.2 U	0.53 J	< 0.17 U	4.4	**7.3**	21.4	< 0.26 U	< 1.1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-12	6/18/2020	0.31 J	<0.55	5.6	<0.24	<0.28	0.45 J	<1.3	<0.58	<1.2	<0.33	<0.27	1.8	**2.4**	1.6	<0.26	<0.46	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-13	6/20/2019	1.1 J	< 1.4 U	10.5	1.1 J	< 0.70 U	< 0.62 U	< 3.4 U	< 1.5 U	< 2.9 U	< 0.82 U	< 0.43 U	**71**	**24.6**	**351**	< 0.65 U	< 2.7 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-13	6/18/2020	<0.61	<1.4	5.4	2.2 J	<0.70	<0.62	<3.4	<1.5	<2.9	<0.82	<0.67	**119**	**43.5**	**562**	<0.65	4.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-14	6/19/2019	57.7	< 5.5 U	22.7	< 2.4 U	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	24.7 J	< 3.3 U	< 1.7 U	**31**	**112**	**669**	< 2.6 U	< 10.9 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-14	6/18/2020	15.8	<5.5	9.6 J	4.5 J	<2.8	<2.5	<13.4	<5.8	93.6	<3.3	<2.7	**90.2**	**982**	**1580**	<2.6	11.0 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-15	6/18/2019	< 0.24 U	< 0.55 U	0.41 J	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	0.55 J	< 0.17 U	0.36 J	**0.40 J**	1.2	< 0.26 U	< 1.1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-15	6/18/2020	<0.24	<0.55	<0.27	<0.24	<0.28	<0.25	<1.3	<0.58	<1.2	0.36 J	<0.27	**11.4**	**1**	6.3	<0.26	<0.46	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-16	6/20/2019	< 2.4 U	< 5.5 U	4.1 J	**13.2**	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	< 11.8 U	< 3.3 U	< 1.7 U	**9790**	**10.1**	**767**	< 2.6 U	**305**	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-16	6/17/2020	14.3	<2.8	3.1 J	<2.7	<1.4	<1.2	<6.7	<2.9	<5.9	<1.6	<1.3	**14.6**	<0.87	**229**	<1.3	<2.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-17	6/20/2019	54.5	< 5.5 U	6.6 J	< 2.4 U	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	< 11.8 U	**7.3 J**	< 1.7 U	**606**	< 1.7 U	39.3	< 2.6 U	< 10.9 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-17	6/17/2020	16.1	<5.5	4.3 J	<2.4	<2.8	<2.5	<13.4	<5.8	<11.8	**12.7**	<2.7	**1060**	<1.7	**527**	<2.6	<4.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-18	6/20/2019	74.4	< 2.8 U	5.2	3.1 J	< 1.4 U	< 1.2 U	< 6.7 U	< 2.9 U	< 5.9 U	2.7 J	< 0.86 U	**288**	< 0.87 U	45	< 1.3 U	5.7 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-18	6/17/2020	33.4	<2.8	10.2	3.9 J	<1.4	<1.2	<6.7	<2.9	<5.9	**9.6**	<1.3	**342**	<0.87	**265**	<1.3	4.7 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-19	6/20/2019	35.1	< 5.5 U	12.7	3.6 J	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	< 11.8 U	**7.9 J**	< 1.7 U	**960**	**7.5 J**	**270**	< 2.6 U	18.5 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-19	6/20/2019	36.3	< 5.5 U	11.5	3.3 J	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	< 11.8 U	**7.4 J**	< 1.7 U	**996**	**8.0 J**	**280**	< 2.6 U	19.8 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-19	6/17/2020	11.1	<5.5	13.8	**13.6**	<2.8	<2.5	<13.4	<5.8	<11.8	**5.4 J**	<2.7	**798**	**23.9**	**596**	<2.6	**112**	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-20	6/21/2019	34.1	< 5.5 U	2.7 J	2.8 J	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	< 11.8 U	< 3.3 U	< 1.7 U	**961**	**13.2**	**317**	< 2.6 U	< 10.9 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-20	6/17/2020	29.6	<5.5	<2.7	2.9 J	<2.8	<2.5	<13.4	<5.8	<11.8	<3.3	<2.7	**931**	**3.1 J**	**253**	<2.6	5.2 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-21	6/21/2019	102	< 2.8 U	11.8	3.0 J	< 1.4 U	< 1.2 U	< 6.7 U	< 2.9 U	< 5.9 U	< 1.6 U	< 0.86 U	**369**	**11.8**	**436**	< 1.3 U	< 5.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-21	6/17/2020	72.9	<2.8	10	1.9 J	<1.4	<1.2	<6.7	<2.9	<5.9	<1.6	<1.3	**269**	**5.6**	**163**	<1.3	<2.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-22	6/21/2019	74.8	< 5.5 U	19.5	4.7 J	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	< 11.8 U	< 3.3 U	< 1.7 U	**633**	< 1.7 U	**115**	< 2.6 U	< 10.9 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-22	6/17/2020	**353**	<5.5	37.8	**17.0**	<2.8	<2.5	<13.4	<5.8	<11.8	<3.3	<2.7	**380**	**6.0 J**	**847**	<2.6	<4.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-23	6/21/2019	**347**	< 5.5 U	23.1	**10.4**	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	< 11.8 U	< 3.3 U	< 1.7 U	**606**	< 1.7 U	**179**	< 2.6 U	< 10.9 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-23	6/17/2020	**504**	<5.5	28.8	**24.3**	<2.8	<2.5	<13.4	<5.8	<11.8	<3.3	<2.7	**146**	<1.7	**89.9**	<2.6	<4.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-24	6/21/2019	**426**	< 0.55 U	115	**50.8**	0.49 J	< 0.25 U	9.5	< 0.58 U	< 1.2 U	0.97 J	< 0.17 U	**215**	**27.6**	**396**	< 0.26 U	3.2 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-24	6/17/2020	**286**	<1.4	181	**57**	1.5 J	<0.62	17.2	<1.5	<2.9	0.96 J	<0.67	**127**	**98.6**	**250**	<0.65	4	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-25	6/21/2019	49.9	< 0.55 U	17.5	3.3	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	0.89 J	< 0.17 U	**30.8**	**0.68 J**	59.8	< 0.26 U	< 1.1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-25	6/18/2020	51.4	<0.55	24.4	3.4	<0.28	<0.25	<1.3	<0.58	<1.2	<0.33	<0.27	**13.7**	**5.6**	29.8	<0.26	<0.46	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-26	6/21/2019	< 2.4 U	< 5.5 U	< 2.7 U	< 2.4 U	< 2.8 U	< 2.5 U	< 13.4 U	< 5.8 U	< 11.8 U	< 3.3 U	< 1.7 U	**125**	**229**	**1400**	< 2.6 U	< 10.9 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-26	6/18/2020	<0.24	<0.55	<0.27	<0.24	<0.28	<0.25	<1.3	<0.58	<1.2	0.76 J	0.27	<0.26	<0.17	5.8	<0.26	<0.46	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-27	6/20/2019	< 0.24 U	< 0.55 U	< 0.27 U	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	< 0.33 U	< 0.17 U	0.52 J	**6.7**	53	< 0.26 U	< 1.1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 2
GROUNDWATER ANALYTICAL RESULTS
Former Trent Tube Plant No. 1
2188 Church Street
East Troy, Wisconsin

Well Number	Date	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Benzene	Chloroethane	Methylene Chloride	Naphthalene	Tetrachloroethene	Toluene	Trichloroethene	Vinyl chloride	cis-1,2-Dichloroethene	o-Xylene	trans-1,2-Dichloroethene	Ethane	Ethene	Iron, dissolved	Manganese, dissolved	Nitrate as N (mg/L)	Sulfate (mg/L)	Alkalinity, total (as CaCO3)	Total Organic Carbon (mg/L)	Methane
Preventive Action Limit		40	0.5	85	0.7	0.5	0.5	80	0.5	10	0.5	160	0.5	0.02	7	400	20									
Enforcement Standard		200	5	850	7	5	5	400	5	100	5	800	5	0.2	70	2,000	100									
RW-27	6/20/2019	< 0.24 U	< 0.55 U	< 0.27 U	< 0.24 U	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	< 0.33 U	< 0.17 U	0.56 J	**7**	53.7	< 0.26 U	< 1.1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-27	6/18/2020	<0.24	<0.55	<0.27	<0.24	<0.28	<0.25	<1.3	<0.58	<1.2	0.62 J	<0.27	<0.26	**20.5**	25.7	<0.26	<0.46	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-28	6/20/2019	< 0.24 U	< 0.55 U	1	0.83 J	< 0.28 U	< 0.25 U	< 1.3 U	< 0.58 U	< 1.2 U	0.81 J	< 0.17 U	3.6	**166**	**171**	< 0.26 U	1.2 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-28	6/18/2020	<0.24	0.62 J	1.2	6.1	<0.28	<0.25	<1.3	<0.58	<1.2	0.42 J	<0.27	4.2	**500**	**2330**	<0.26	8.8	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
1. Results are provided in micrograms per liter (µg/l) unless otherwise specified.
2. PAL exceedances = Shading.
3. ES exceedances = Shading and bold font.
4. NA = Not Analyzed.

TABLE 3
PROPOSED GROUNDWATER REMEDIATION MONITORING
Former Trent Tube Plant No. 1
2188 Church Street
East Troy, Wisconsin

Monitoring Locations	Matrix	Frequency	Type of Analytical or Field Measurement	Comments
MW-4, MW-16, MW-17R, MW-18R, MW-37R, MW-39, MW-40, OP-2, OP-3, OP-5, OP-7, MW-41, MW-42, MW-2, OP-14	Water	Once Prior to Injections	Chlorinated Volatile Organic Compounds, Dissolved Gases (methane, ethane and ethene), Nitrate, Sulfate, Dissolved Iron, and Total Organic Carbon[2]	To monitor baseline groundwater conditions for comparison to post-injection groundwater conditions.
MW-4, MW-16, MW-17R, MW-18R, MW-37R, MW-39, MW-40, OP-2, OP-3, OP-5, OP-7	Water	Three Times Daily During Injections[3]	Groundwater Level	To monitor changes in groundwater elevations during injections.
MW-4, MW-16, MW-17R, MW-18R, MW-37R, MW-39, MW-40, OP-2, OP-3, OP-5, OP-7, MW-41, MW-42, MW-2, OP-14	Water	Monthly For Three Months	Chlorinated Volatile Organic Compounds, Dissolved Gases (methane, ethane and ethene), Sulfate, Dissolved Iron, and Total Organic Carbon[2]	To monitor changes in cVOC concentrations, electron acceptors, and biodegradation product concentrations.
MW-4, MW-16, MW-17R, MW-18R, MW-37R, MW-39, MW-40, OP-2, OP-3, OP-5, OP-7, MW-41, MW-42, MW-2, OP-14	Water	Quarterly	Chlorinated Volatile Organic Compounds, Dissolved Gases (methane, ethane and ethene), Sulfate, Dissolved Iron, and Total Organic Carbon[2]	To monitor changes in cVOC concentrations, electron acceptors, and biodegradation product concentrations.

Notes:

1. Field measurements of temperature, specific conductance, pH, dissolved oxygen, and oxidation-reduction potential will be made during purging.
2. Analyses for each of the parameters will be conducted by a state-certified laboratory in accordance with standard USEPA methodology.
3. The three-times daily measurements will be conducted prior to beginning injections each day, middle of the day, and at the end of the injection period each day.
4. Modifications to the schedule may be proposed prior to completion of the three quarterly groundwater sampling rounds as warranted by the ERD results.

TABLE 4
SOIL ANALYTICAL RESULTS - INORGANICS
Former Trent Tube Plant No. 1
2188 Church Street
East Troy, Wisconsin

Sample Name	Sample Depth (ft)	Arsenic	Barium	Beryllium	Cadmium	Chromium	Chromium, hexavalent	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thalium	Vanadium	Zinc
Background Threshold (ug/kg)		**8000**																		
RCL Non-Industrial DC (ug/kg)		**677**	**1.53E+07**	**1.56E+05**	**7.11E+04**	**1.00E+08**	**3.01E+02**	**2.34E+04**	**3.13E+06**	**5.48E+07**	**4.00E+05**	**1.83E+06**	**3.13E+03**	**3.91E+05**	**1.55E+06**	**3.91E+05**	**3.91E+05**	**NA**	**3.93E+05**	**2.35E+07**
RCL Industrial DC (ug/kg)		**3000**	**1.00E+08**	**2.30E+06**	**9.85E+05**	**1.00E+08**	**6.36E+03**	**3.47E+05**	**4.67E+07**	**1.00E+08**	**8.00E+05**	**2.59E+07**	**3.13E+03**	**5.84E+06**	**2.25E+07**	**5.84E+06**	**5.84E+06**	**NA**	**5.84E+06**	**1.00E+08**
Groundwater Pathway		**584**	**1.65E+05**	**6.32E+03**	**752.00**	**3.60E+08**		**3.61E+03**	**9.16E+04**	**NA**	**2.70E+04**	**3.91E+04**	**2.08E+02**	**1.62E+03**	**1.31E+04**	**5.20E+02**	**8.49E+02**	**NA**	**6.00E+04**	**NA**
B-1	2-3	NA	NA	NA	NA	3000	NA	NA	<1000	NA	5000	NA	NA	NA	<1000	NA	NA	NA	NA	NA
B-1	12-14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-2	6-8	NA	NA	NA	NA	4000	NA	NA	3000	NA	7000	NA	NA	NA	<1000	NA	NA	NA	NA	NA
B-3	5-7	NA	NA	NA	NA	3000	NA	NA	2000	NA	6000	NA	NA	NA	<1000	NA	NA	NA	NA	NA
B-4	1-3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-4	5-7	NA	NA	NA	NA	47000	NA	NA	8000	NA	17000	NA	NA	NA	23000	NA	NA	NA	NA	NA
B-4	11-13	NA	NA	NA	NA	3980000	NA	NA	86000	NA	15000	NA	NA	NA	664000	NA	NA	NA	NA	NA
B-4	17-19	NA	NA	NA	NA	10000	NA	NA	6000	NA	8000	NA	NA	NA	<1000	NA	NA	NA	NA	NA
B-5	3-5	NA	NA	NA	NA	3000	NA	NA	2000	NA	5000	NA	NA	NA	<1000	NA	NA	NA	NA	NA
B-6	5-7	NA	NA	NA	NA	15000	NA	NA	6000	NA	13000	NA	NA	NA	<1000	NA	NA	NA	NA	NA
B-7	2-4	NA	NA	NA	NA	7000	NA	NA	2000	NA	5000	NA	NA	NA	76000	NA	NA	NA	NA	NA
B-8	3-3.5	NA	NA	NA	NA	3000	NA	NA	<1000	NA	6000	NA	NA	NA	<1000	NA	NA	NA	NA	NA
BSS1	0-0.5	2050	23200	NA	<1000	70700	NA	NA	NA	NA	22800	230000	<100	4100	30000	<1000	<1000	NA	NA	NA
BSS2	0-0.5	2230	23300	NA	<1000	88300	NA	NA	NA	NA	20700	225000	<100	4880	43600	<1000	<1000	NA	NA	NA
HA-1	0-1	3140	20400	NA	<1120	180000	<1180	NA	NA	NA	11900	NA	<120	NA	59200	<1120	<1120	NA	NA	NA
HA-2	0-1	41200	154000	NA	<2120	17800000	6250	NA	NA	NA	41700	NA	<210	NA	2960000	<2120	<2120	NA	NA	NA
HA-3	0-1	9730	43000	NA	<1430	1700000	2860	NA	NA	NA	14600	NA	<140	NA	479000	<1430	<1430	NA	NA	NA
HA-4	0-1	24500	138000	NA	<2060	14900000	4260	NA	NA	NA	58700	NA	<210	NA	1680000	<2060	<2060	NA	NA	NA
HA-5	0-1	29500	132000	NA	<2460	6590000	<2560	NA	NA	NA	138000	NA	<260	NA	1630000	<2460	6900	NA	NA	NA
HA-6	0-1	6040	41200	NA	<1380	920000	<1350	NA	NA	NA	22000	NA	<140	NA	224000	<1380	<1380	NA	NA	NA
HA-7	0-1	58500	134000	NA	<2070	15200000	<2170	NA	NA	NA	22400	NA	<220	NA	3590000	<2070	<2070	NA	NA	NA
HA-8	0-1	105000	171000	NA	<2200	12800000	<2220	NA	NA	NA	46900	NA	<220	NA	2640000	<2200	<2200	NA	NA	NA
HA-9	0-1	45600	160000	NA	<2280	13100000	<2330	NA	NA	NA	93300	NA	<230	NA	2030000	<2280	<2280	NA	NA	NA
HA-11	0-1	40800	202000	NA	<2510	7620000	<2560	NA	NA	NA	121000	NA	<260	NA	1600000	<2510	<2510	NA	NA	NA
HA-12	0-1	65300	149000	NA	<2550	19700000	<2630	NA	NA	NA	38700	NA	<260	NA	3840000	<2550	<2550	NA	NA	NA
HA-13	0-1	35000	192000	NA	<2280	18100000	<2270	NA	NA	NA	78000	NA	<230	NA	2750000	<2270	<2270	NA	NA	NA
HA-13*FD*	0-1	18800	172000	NA	<2350	8720000	<2330	NA	NA	NA	157000	NA	<230	NA	1250000	<2350	7050	NA	NA	NA
HA-14	0-1	41200	148000	NA	<1960	13800000	12000	NA	NA	NA	50200	NA	<200	NA	2620000	<1960	<1960	NA	NA	NA
HA-15	0-1	36700	183000	NA	<2300	8910000	<2330	NA	NA	NA	135000	NA	<230	NA	1880000	<2300	<2300	NA	NA	NA
HA-16	0-1	12200	103000	NA	<2040	4180000	<2000	NA	NA	NA	134000	NA	<200	NA	1690000	<2040	2840	NA	NA	NA
HA-17	0-1	9040	61100	NA	<1740	3180000	<1790	NA	NA	NA	114000	NA	<180	NA	1380000	<1730	<1730	NA	NA	NA
HA-18	0-1	17000	123000	NA	<1920	7440000	<2000	NA	NA	NA	80600	NA	<200	NA	1530000	<1920	<1920	NA	NA	NA
HA-19	0-1	17600	79800	NA	<1650	4530000	<1720	NA	NA	NA	110000	NA	<170	NA	2290000	<1660	1660	NA	NA	NA
HA-38	0-1	3410	19300	NA	<1140	99700	<1150	NA	NA	NA	75700	NA	<110	NA	75300	<1140	<1140	NA	NA	NA
HA-39	0-1	4650	27700	NA	<1170	48400	<1200	NA	NA	NA	8140	NA	<120	NA	27500	<1170	<1170	NA	NA	NA
HA-40	0-1	9630	37300	NA	1880	1590000	NA	NA	NA	NA	59200	NA	<120	NA	361000	<1170	<1170	NA	NA	NA
HA-41	0-1	3080	14700	NA	<1100	11000	<1080	NA	NA	NA	8120	NA	<110	NA	10500	<1100	<1100	NA	NA	NA
HA-42	0-1	1920	14700	NA	<1060	24500	NA	NA	NA	NA	14100	NA	<100	NA	18000	<1060	<1060	NA	NA	NA
HA-43	0-1	<1220	18900	NA	<1220	16200	NA	NA	NA	NA	3400	NA	<120	NA	27900	<1220	<1220	NA	NA	NA
HA-44	0-1	2990	42000	NA	<1150	19100	<1140	NA	NA	NA	12400	NA	<110	NA	23200	<1150	<1150	NA	NA	NA
HA-45	0-1	4920	23900	NA	1870	65200	NA	NA	NA	NA	96600	NA	<120	NA	55100	<1180	<1180	NA	NA	NA
HA-46	0-1	1860	58900	NA	<1160	33100	NA	NA	NA	NA	69400	NA	<120	NA	32600	<1160	<1160	NA	NA	NA
HA-47	0-1	10300	39400	NA	<1220	40600	NA	NA	NA	NA	25600	NA	<120	NA	77700	<1220	<1220	NA	NA	NA

TABLE 4
SOIL ANALYTICAL RESULTS - INORGANICS
Former Trent Tube Plant No. 1
2188 Church Street
East Troy, Wisconsin

Sample Name	Sample Depth (ft)	Arsenic	Barium	Beryllium	Cadmium	Chromium	Chromium, hexavalent	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thalium	Vanadium	Zinc
Background Threshold (ug/kg)		**8000**																		
RCL Non-Industrial DC (ug/kg)		**677**	**1.53E+07**	**1.56E+05**	**7.11E+04**	**1.00E+08**	**3.01E+02**	**2.34E+04**	**3.13E+06**	**5.48E+07**	**4.00E+05**	**1.83E+06**	**3.13E+03**	**3.91E+05**	**1.55E+06**	**3.91E+05**	**3.91E+05**	**NA**	**3.93E+05**	**2.35E+07**
RCL Industrial DC (ug/kg)		**3000**	**1.00E+08**	**2.30E+06**	**9.85E+05**	**1.00E+08**	**6.36E+03**	**3.47E+05**	**4.67E+07**	**1.00E+08**	**8.00E+05**	**2.59E+07**	**3.13E+03**	**5.84E+06**	**2.25E+07**	**5.84E+06**	**5.84E+06**	**NA**	**5.84E+06**	**1.00E+08**
Groundwater Pathway		**584**	**1.65E+05**	**6.32E+03**	**752.00**	**3.60E+08**		**3.61E+03**	**9.16E+04**	**NA**	**2.70E+04**	**3.91E+04**	**2.08E+02**	**1.62E+03**	**1.31E+04**	**5.20E+02**	**8.49E+02**	**NA**	**6.00E+04**	**NA**
HA-48	0-1	29900	51600	NA	2070	6090000	NA	NA	NA	NA	22100	NA	150	NA	1350000	<1150	<1150	NA	NA	NA
HA-49	0-1	2460	17700	NA	<1020	117000	NA	NA	NA	NA	45500	NA	<110	NA	43400	<1020	<1020	NA	NA	NA
HA-51	0-1	41900	267000	NA	<3680	5780000	<3700	NA	NA	NA	238000	NA	<400	NA	1600000	<3700	11800	NA	NA	NA
HA-51FD	0-1	15600	138000	NA	<2160	3410000	<2270	NA	NA	NA	137000	NA	<230	NA	961000	<2160	6070	NA	NA	NA
HA-2 LOC2-2	0.5-1.0	2800	33000	NA	<400	892000	NA	NA	NA	NA	58000	NA	<100	NA	272000	<500	<500	NA	NA	NA
HA-3 LOC3-1	0-0.5	14000	52000	NA	<400	1580000	NA	NA	NA	NA	20000	NA	<100	NA	72000	<500	760	NA	NA	NA
HA-4 LOC4-2	0.5-1.0	3400	32000	NA	<400	274000	NA	NA	NA	NA	3100	NA	<100	NA	139000	<500	<500	NA	NA	NA
HA-5 LOC5-2	0.5-1.0	3600	56000	NA	<400	229000	NA	NA	NA	NA	10000	NA	<100	NA	174000	<500	<500	NA	NA	NA
HP-1	4-6	3950	59100	NA	<1050	12100	NA	NA	NA	NA	7410	317000	<110	<10600	11600	<1050	<1050	NA	NA	NA
HP-1	10-12	<1080	4320	NA	<1080	3550	NA	NA	NA	NA	1900	64700	<110	<10800	2040	<1080	<1080	NA	NA	NA
HP-2	2-4	2580	43800	NA	<1030	7360	NA	NA	NA	NA	4230	427000	<110	<10400	7670	<1030	<1030	NA	NA	NA
HP-2	14-18	<1130	12000	NA	<1130	8980	NA	NA	NA	NA	3280	94900	<110	<11200	4670	<1130	<1130	NA	NA	NA
HP-3	4-6	2310	24000	NA	<1050	8190	NA	NA	NA	NA	3910	218000	<100	<10500	7130	<1050	<1050	NA	NA	NA
HP-3	14-16	<1290	14200	NA	<1290	8260	NA	NA	NA	NA	2840	79500	<130	<12900	2900	<1290	<1290	NA	NA	NA
HP-4	6-8	3720	50700	NA	<1170	13600	NA	NA	NA	NA	8890	353000	<120	<11700	10900	<1170	<1170	NA	NA	NA
HP-5	4-6	2280	25000	NA	<1100	52900	NA	NA	NA	NA	22800	222000	<110	31000	170000	<1100	1760	NA	NA	NA
HP-5	16-18	1300	12900	NA	<1180	185000	NA	NA	NA	NA	5010	116000	<120	<11800	1030000	<1180	1460	NA	NA	NA
HP-6	2-4	5460	75900	NA	<1140	46700	NA	NA	NA	NA	9760	399000	<120	<1140	29200	<1140	<1140	NA	NA	NA
HP-7	2-4	2490	42700	NA	<1160	173000	NA	NA	NA	NA	58700	737000	<120	<11600	78700	<1160	1790	NA	NA	NA
HP-7	8-10	2680	50400	NA	<1350	1490000	NA	NA	NA	NA	9250	373000	160	86800	745000	<1350	2120	NA	NA	NA
HP-8	2-4	3640	28700	NA	<1100	878000	NA	NA	NA	NA	21800	285000	510	70400	313000	<1100	1750	NA	NA	NA
HP-8	8-10	18200	82700	NA	11400	2600000	NA	NA	NA	NA	1960000	2000000	<120	386000	2250000	<1190	8360	NA	NA	NA
HP-9	2-4	3860	88200	NA	<1220	409000	NA	NA	NA	NA	18900	480000	<130	26300	89400	<1220	1590	NA	NA	NA
HP-9	8-10	1710	13400	NA	<1270	11300	NA	NA	NA	NA	3530	310000	<130	<12600	8320	<1270	1940	NA	NA	NA
HP-10	2-4	2850	43200	NA	<1060	8950	NA	NA	NA	NA	17200	265000	<110	<10600	6600	<1060	<1060	NA	NA	NA
HP-11	4-6	1240	6390	NA	<1030	4490	NA	NA	NA	NA	1860	146000	<100	<10300	3980	<1030	<1030	NA	NA	NA
HP-11	16-18	2500	10000	NA	<1090	5440	NA	NA	NA	NA	2260	148000	<110	<10900	5230	<1090	<1090	NA	NA	NA
HP-12	2-4	7480	44000	NA	<1200	56500	NA	NA	NA	NA	13700	165000	<120	27200	339000	<1200	<1200	NA	NA	NA
HP-12	10-12	<1220	34400	NA	<1220	14700	NA	NA	NA	NA	6350	68600	<120	<12200	10900	<1220	<1220	NA	NA	NA
HP-13	2-4	2130	10000	NA	<1250	11900	NA	NA	NA	NA	6060	102000	<130	<12500	42400	<1250	<1250	NA	NA	NA
HP-14	2-4	2040	24600	NA	<1040	9060	NA	NA	NA	NA	16000	219000	<100	<10400	10800	<1040	<1040	NA	NA	NA
HP-15	2-4	2130	24500	NA	<1260	433000	NA	NA	NA	NA	12800	109000	<130	21600	187000	<1260	<1260	NA	NA	NA
HP-16	2-4	1990	16300	NA	<1110	12200	NA	NA	NA	NA	3990	132000	<110	<1110	7970	<1110	<1110	NA	NA	NA
HP-17	2-4	28100	101000	NA	4530	13700000	NA	NA	NA	NA	26600	637000	<150	1120000	3010000	<1430	2410	NA	NA	NA
HP-18	1-3	2030	26000	NA	<1010	7910	NA	NA	NA	NA	3440	NA	<100	NA	5660	<1010	<1010	NA	NA	NA
HP-19	1-3	<1010	6880	NA	<1010	2830	NA	NA	NA	NA	2020	NA	<110	NA	2230	<1010	<1010	NA	NA	NA
HP-20	3-5	1790	15800	NA	<1110	6690	NA	NA	NA	NA	3560	NA	<110	NA	5800	<1110	<1110	NA	NA	NA
HP-21	2-4	3150	48600	NA	<1130	10800	NA	NA	NA	NA	5620	NA	<110	NA	7640	<1130	<1130	NA	NA	NA
HP-22	1-3	<1100	28100	NA	<1100	5040	NA	NA	NA	NA	3950	NA	<110	NA	4170	<1100	<1100	NA	NA	NA
HP-23	2-4	3070	16800	NA	<1100	15500	NA	NA	NA	NA	5470	NA	<110	NA	10100	<1100	<1100	NA	NA	NA
HP-24	3-5	<1040	6050	NA	<1040	2510	NA	NA	NA	NA	1460	NA	<110	NA	2510	<1040	<1040	NA	NA	NA
HP-25	1-3	<1100	7980	NA	<1100	3100	NA	NA	NA	NA	1550	NA	<120	NA	3100	<1100	<1100	NA	NA	NA
HP-26	3-5	8940	40100	NA	<1200	21200	NA	NA	NA	NA	14800	NA	<120	NA	17600	<1200	<1200	NA	NA	NA

TABLE 4
SOIL ANALYTICAL RESULTS - INORGANICS
Former Trent Tube Plant No. 1
2188 Church Street
East Troy, Wisconsin

Sample Name	Sample Depth (ft)	Arsenic	Barium	Beryllium	Cadmium	Chromium	Chromium, hexavalent	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thalium	Vanadium	Zinc
Background Threshold (ug/kg)		**8000**																		
RCL Non-Industrial DC (ug/kg)		**677**	**1.53E+07**	**1.56E+05**	**7.11E+04**	**1.00E+08**	**3.01E+02**	**2.34E+04**	**3.13E+06**	**5.48E+07**	**4.00E+05**	**1.83E+06**	**3.13E+03**	**3.91E+05**	**1.55E+06**	**3.91E+05**	**3.91E+05**	**NA**	**3.93E+05**	**2.35E+07**
RCL Industrial DC (ug/kg)		**3000**	**1.00E+08**	**2.30E+06**	**9.85E+05**	**1.00E+08**	**6.36E+03**	**3.47E+05**	**4.67E+07**	**1.00E+08**	**8.00E+05**	**2.59E+07**	**3.13E+03**	**5.84E+06**	**2.25E+07**	**5.84E+06**	**5.84E+06**	**NA**	**5.84E+06**	**1.00E+08**
Groundwater Pathway		**584**	**1.65E+05**	**6.32E+03**	**752.00**	**3.60E+08**		**3.61E+03**	**9.16E+04**	**NA**	**2.70E+04**	**3.91E+04**	**2.08E+02**	**1.62E+03**	**1.31E+04**	**5.20E+02**	**8.49E+02**	**NA**	**6.00E+04**	**NA**
HP-27	5-7	2610	31800	NA	<1090	10200	NA	NA	NA	NA	5670	NA	<110	NA	12900	<1090	<1090	NA	NA	NA
HP-28	1-3	1700	8480	NA	<1050	6360	NA	NA	NA	NA	2750	NA	<110	NA	4870	<1050	<1050	NA	NA	NA
HP-29	3-5	2120	5930	NA	<1050	15200	NA	NA	NA	NA	2540	NA	<110	NA	9330	<1050	<1050	NA	NA	NA
HP-33	0-2	5090	21000	NA	<1110	12800	NA	NA	NA	NA	5320	NA	<110	NA	11100	<1110	<1110	NA	NA	NA
HP-34	1-3	2880	16200	NA	<1110	9530	NA	NA	NA	NA	3990	NA	<110	NA	8640	<1110	<1110	NA	NA	NA
HP-37	5-7	2870	5500	NA	<1190	8130	NA	NA	NA	NA	4550	NA	<120	NA	7170	<1190	<1190	NA	NA	NA
HP-38	1-3	2960	20200	NA	<1230	15100	NA	NA	NA	NA	7900	NA	<120	NA	10900	<1230	<1230	NA	NA	NA
HP-38	5-7	<1060	5740	NA	<1060	2550	<1040	NA	NA	NA	2550	NA	<100	NA	1490	<1060	<1060	NA	NA	NA
HP-39	3-5	<1100	3750	NA	<1100	5520		NA	NA	NA	1320	NA	<110	NA	3310	<1100	<1100	NA	NA	NA
HP-40	0-1	<1160	33800	NA	<1160	318000	<1140	NA	NA	NA	11800	NA	<110	NA	234000	<1160	<1160	NA	NA	NA
HP-41	0-1	2850	45100	NA	<1190	997000	<1160	NA	NA	NA	20500	NA	<120	NA	465000	<1190	<1190	NA	NA	NA
HP-42	0-1	3020	48200	NA	<1080	1270000	<1110	NA	NA	NA	70000	NA	<110	NA	610000	<1080	<1080	NA	NA	NA
HP-43	0-1	5830	70500	NA	<1220	335000	<1200	NA	NA	NA	35400	NA	<120	NA	227000	<1220	<1220	NA	NA	NA
HP-44	0-1	4220	84100	NA	<1170	1570000	<1220	NA	NA	NA	35000	NA	<120	NA	439000	<1170	<1170	NA	NA	NA
HP-45	0-1	4070	44300	NA	<1130	935000	<1160	NA	NA	NA	18300	NA	<120	NA	280000	<1130	<1130	NA	NA	NA
HP-46	0-1	4770	47700	NA	<1320	1750000	<1300	NA	NA	NA	67800	NA	<130	NA	668000	<1320	<1320	NA	NA	NA
HP-47	0-1	3550	52300	NA	<1100	1450000	<1160	NA	NA	NA	14000	NA	<120	NA	373000	<1100	<1100	NA	NA	NA
HP-48	0-1	2880	52400	NA	<1110	158000	<1100	NA	NA	NA	14000	NA	<110	NA	203000	<1110	<1110	NA	NA	NA
HP-49	0-1	3750	41500	NA	<1100	392000	<1100	NA	NA	NA	20100	NA	<110	NA	145000	<1100	<1100	NA	NA	NA
HP-50	0-1	4860	54900	NA	<1160	1860000	13000	NA	NA	NA	19400	NA	<110	NA	433000	<1160	<1160	NA	NA	NA
HP-51	0-1	2110	30900	NA	<1180	131000	<1180	NA	NA	NA	14100	NA	<120	NA	45400	<1180	<1180	NA	NA	NA
HP-52	0-2	8020	80800	NA	<1210	19800	NA	NA	NA	NA	11900	NA	<120	NA	13900	<1210	<1210	NA	NA	NA
HP-53	3-5	4230	16000	NA	<1170	12000	NA	NA	NA	NA	4230	NA	<120	NA	9640	<1170	<1170	NA	NA	NA
HP-54	0-2	3360	26900	NA	<1200	13200	NA	NA	NA	NA	5280	NA	<120	NA	9360	<1200	<1200	NA	NA	NA
HP-55	3-5	3690	36300	NA	<1420	16800	NA	NA	NA	NA	8230	NA	<140	NA	12200	<1420	<1420	NA	NA	NA
HP-56	0-2	4160	57200	NA	<1220	10800	NA	NA	NA	NA	10000	NA	<120	NA	7590	<1220	<1220	NA	NA	NA
HP-57	3-5	5220	64500	NA	<1180	14500	NA	NA	NA	NA	11900	NA	<120	NA	9480	<1180	<1180	NA	NA	NA
HP-58	0-2	9290	76700	NA	<1100	19000	NA	NA	NA	NA	10800	NA	<110	NA	17000	<1100	<1100	NA	NA	NA
HP-59	3-5	2530	20000	NA	<1150	5990	NA	NA	NA	NA	2770	NA	<120	NA	4840	<1150	<1150	NA	NA	NA
HP-60	0-2	5960	106000	NA	<1070	17700	NA	NA	NA	NA	11300	NA	<110	NA	17200	<1070	<1070	NA	NA	NA
HP-61	3-5	5310	74500	NA	<1160	18900	NA	NA	NA	NA	8550	NA	<120	NA	25400	<1160	<1160	NA	NA	NA
HP-62	0-2	3820	66100	NA	<1120	10100	NA	NA	NA	NA	7420	NA	<110	NA	12800	<1120	<1120	NA	NA	NA
HP-63	3-5	3680	69400	NA	<1220	12000	NA	NA	NA	NA	6120	NA	<120	NA	10300	<1220	<1220	NA	NA	NA
HP-64	0-2	8080	86600	NA	<1310	22400	NA	NA	NA	NA	10700	NA	<140	NA	17400	<1310	<1310	NA	NA	NA
HP-65	1-3	5750	58500	NA	<1250	61000	NA	NA	NA	NA	11500	NA	<120	NA	62500	<1250	<1250	NA	NA	NA
HP-67	0-2	5130	18500	NA	<1170	36500	NA	NA	NA	NA	11600	NA	<120	NA	32400	<1170	<1170	NA	NA	NA
HP-68	1-3	<1030	3720	NA	<1030	1450	14000	NA	NA	NA	1660	NA	<100	NA	1240	<1030	<1030	NA	NA	NA
HP-68	5-7	3920	55100	NA	<1150	12000	NA	NA	NA	NA	13600	NA	<120	NA	9000	<1150	<1150	NA	NA	NA
HP-69	1-3	<1130	10900	NA	<1130	9520	NA	NA	NA	NA	3850	NA	<110	NA	7470	<1130	<1130	NA	NA	NA
HP-70	5-7	5720	50000	NA	<1190	15500	<1180	NA	NA	NA	11200	NA	<120	NA	11400	<1190	<1190	NA	NA	NA
HP-71	2-4	1630	46200	NA	<1160	12400	<1150	NA	NA	NA	6060	NA	<110	NA	16600	<1160	<1160	NA	NA	NA
HP-72	1-3	<1080	6450	NA	<1080	6880	NA	NA	NA	NA	1290	NA	<110	NA	7530	<1080	<1080	NA	NA	NA
HP-73	1-3	4670	10400	NA	<1070	9550	NA	NA	NA	NA	6360	NA	<110	NA	7000	<1070	<1070	NA	NA	NA

TABLE 4
SOIL ANALYTICAL RESULTS - INORGANICS
Former Trent Tube Plant No. 1
2188 Church Street
East Troy, Wisconsin

Sample Name	Sample Depth (ft)	Arsenic	Barium	Beryllium	Cadmium	Chromium	Chromium, hexavalent	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thalium	Vanadium	Zinc
Background Threshold (ug/kg)		**8000**																		
RCL Non-Industrial DC (ug/kg)		**677**	**1.53E+07**	**1.56E+05**	**7.11E+04**	**1.00E+08**	**3.01E+02**	**2.34E+04**	**3.13E+06**	**5.48E+07**	**4.00E+05**	**1.83E+06**	**3.13E+03**	**3.91E+05**	**1.55E+06**	**3.91E+05**	**3.91E+05**	**NA**	**3.93E+05**	**2.35E+07**
RCL Industrial DC (ug/kg)		**3000**	**1.00E+08**	**2.30E+06**	**9.85E+05**	**1.00E+08**	**6.36E+03**	**3.47E+05**	**4.67E+07**	**1.00E+08**	**8.00E+05**	**2.59E+07**	**3.13E+03**	**5.84E+06**	**2.25E+07**	**5.84E+06**	**5.84E+06**	**NA**	**5.84E+06**	**1.00E+08**
Groundwater Pathway		**584**	**1.65E+05**	**6.32E+03**	**752.00**	**3.60E+08**		**3.61E+03**	**9.16E+04**	**NA**	**2.70E+04**	**3.91E+04**	**2.08E+02**	**1.62E+03**	**1.31E+04**	**5.20E+02**	**8.49E+02**	**NA**	**6.00E+04**	**NA**
HP-74	0-2	5950	34200	NA	<1230	257000	NA	NA	NA	NA	16900	NA	<130	NA	103000	<1230	<1230	NA	NA	NA
HP-75	5-7	4020	30300	NA	<1110	13000	NA	NA	NA	NA	7820	NA	<110	NA	10900	<1110	<1110	NA	NA	NA
HP-75	9-11	4890	48700	NA	<1170	12800	NA	NA	NA	NA	12400	NA	<120	NA	15200	<1170	<1170	NA	NA	NA
HP-78	2-4	<1150	7840	NA	<1150	5070	NA	NA	NA	NA	2080	NA	<110	NA	4150	<1150	<1150	NA	NA	NA
HP-79	2-4	2590	29300	NA	<1300	9880	NA	NA	NA	NA	7540	NA	<140	NA	8840	<1300	46800	NA	NA	NA
HP-79	4-6	<1080	8660	NA	<1080	3470	NA	NA	NA	NA	1730	NA	<110	NA	1940	<1080	<1080	NA	NA	NA
HP-79	6-8	1580	19300	NA	<1130	6570	NA	NA	NA	NA	2950	NA	<120	NA	7940	<1130	<1130	NA	NA	NA
HSA-1	8-10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HSA-1 A	8-10	<1040	8550	NA	<1040	8550	<2110	NA	NA	NA	2080	NA	<110	NA	4790	<1040	<1040	NA	NA	NA
HSA-1 B	8-10	<1060	7430	NA	<1060	5730	<2110	NA	NA	NA	2340	NA	<110	NA	3180	<1060	<1060	NA	NA	NA
HSA-1FD	8-10	<1090	8880	NA	<1090	12100	<2130	NA	NA	NA	1730	NA	<110	NA	3240	<1090	<1090	NA	NA	NA
HSA-2	6-8	1190	6350	NA	<990	3770	<1040	NA	NA	NA	5350	NA	<100	NA	3570	<990	<990	NA	NA	NA
HSA-3	8-10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HSA-4	7.5-8.5	<1010	9100	NA	<1010	3030	<2080	NA	NA	NA	2020	NA	<100	NA	2620	<1010	<1010	NA	NA	NA
HSA-5	12-14	<1100	23400	NA	<1100	6510000	11400	NA	NA	NA	4590	NA	<110	NA	556000	<1100	<1100	NA	NA	NA
HSA-6	2-4	1270	5910	NA	<1050	2110	2170	NA	NA	NA	1270	NA	<110	NA	3590	<1050	5910	NA	NA	NA
HSA-7	6-8	<1050	9080	NA	<1050	892000	2610	NA	NA	NA	2960	NA	<110	NA	1350000	<1050	<1050	NA	NA	NA
HSA-8	8-10	<1110	12200	NA	<1110	4900	<1110	NA	NA	NA	3790	NA	<110	NA	21800	<1110	<1110	NA	NA	NA
HSA-8	12-14	<1130	22200	NA	<1130	629000	<1120	NA	NA	NA	2960	NA	<110	NA	204000	<1130	<1130	NA	NA	NA
HSA-9	6-8	<1050	4620	NA	<1050	85600	<1040	NA	NA	NA	3570	NA	<100	NA	140000	<1050	<1050	NA	NA	NA
HSA-9	8-10	NA	NA	NA	NA	1170000	NA	NA	NA	NA	NA	NA	NA	NA	269000	NA	NA	NA	NA	NA
HSA-10	6-8	1710	7480	NA	<1070	5340	<1090	NA	NA	NA	4050	NA	<110	NA	2570	<1070	<1070	NA	NA	NA
MET127/ET559 (S1)	0-0.5	7100	15600 BR	330 BR	2200	591000 *J	NA	16100	90800 N*J	18300000	42600 S*J	474000	140	NA	449000 *J	<890 UJ	<780 R	<890	13600	921000 *J
MET128/ET560 (S2)	0-0.5	25800	116000 BR	1900 BR	<2500	4920000 *J	NA	49500	102000 N*J	49300000	117000 *J	778000	<310	NA	1570000 *J	<2600 UJ	<2200	NA	NA	NA
MET130/ET562 (S4)	0-0.5	18800 CJ	80900	1200 BR	<1600	2360000 *J	NA	31000	83600 N*J	35100000	124000 *J	851000	<200	NA	933000 *J	<1600 UJ	<1400	NA	NA	NA
MET131/ET583 (S5)	0-0.5	2500 BR	70100	780	<1000	35400 *J	NA	5400 BR	19300 N*J	11100000	66300 *J	446000	<200	NA	43900 *J	<1000 UJ	13700 N	<1000	17700	112000 *J
MET132/ET564 (S6)	0-0.5	1100 BR	356000	660 BR	<860	1350000*J	NA	21000	83700 N*J	15100000	352000 S*J	302000	<110	NA	784000 *J	<860	<750	<860	20700	175000 *J
MET134/ ET568 (S8)	0-0.5	4800	120000	820 BR	<1100	16700 *J	NA	10700 BR	7700 N*J	16300000	14500 *J	1050000	<130	NA	13500 *J	<1100 UJ	<920 R	<1100	33100	58500 *J
MW4-02	2-4	4300	20000	NA	<400	121000	NA	NA	NA	NA	5800	NA	<100	NA	NA	<500	<500	NA	NA	NA
MW4-06	10-12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW4A-12	10-12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW4A-14	26-28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW4A-25	48-50	2900	22000	NA	<400	6500	NA	NA	NA	NA	16000	NA	<100	NA	NA	<500	<500	NA	NA	NA
MW5-01	0-2	4800	228000	NA	470	199000	NA	NA	NA	NA	10000	NA	<100	NA	NA	<500	<500	NA	NA	NA
MW5-04	6-8	18000	43000	NA	2500	24000	NA	NA	NA	NA	21000	NA	<100	NA	NA	<500	<500	NA	NA	NA
MW5-05	8-10	2100	32000	NA	<400	23000	NA	NA	NA	NA	10000	NA	<100	NA	NA	<500	<500	NA	NA	NA
MW6-05	6-10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW6A-03	4-6	860	5000	NA	<400	20000	NA	NA	NA	NA	4300	NA	<100	NA	NA	<500	<500	NA	NA	NA
MW6A-04	6-8	670	210000	NA	<400	424000	NA	NA	NA	NA	14000	NA	<100	NA	NA	<500	<500	NA	NA	NA
MW6A-18	34-36	5000	12000	NA	<400	5700	NA	NA	NA	NA	3600	NA	<100	NA	NA	<500	<500	NA	NA	NA
MW7	1-3	146000	98000	NA	<0.5	20100000	NA	NA	NA	NA	27000	NA	<0.1	NA	NA	<0.5	<1	NA	NA	NA
MW7	3-5	15000	99000	NA	<0.5	900000	NA	NA	NA	NA	10000	NA	<0.1	NA	NA	<0.5	<1	NA	NA	NA
MW8	2-4	12000	138000	NA	<400	39000	NA	NA	NA	NA	9800	NA	<100	NA	NA	<500	<500	NA	NA	NA

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East Troy, Wisconsin

Sample Name	Sample Depth (ft)	Arsenic	Barium	Beryllium	Cadmium	Chromium	Chromium, hexavalent	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thalium	Vanadium	Zinc
Background Threshold (ug/kg)		**8000**																		
RCL Non-Industrial DC (ug/kg)		**677**	**1.53E+07**	**1.56E+05**	**7.11E+04**	**1.00E+08**	**3.01E+02**	**2.34E+04**	**3.13E+06**	**5.48E+07**	**4.00E+05**	**1.83E+06**	**3.13E+03**	**3.91E+05**	**1.55E+06**	**3.91E+05**	**3.91E+05**	**NA**	**3.93E+05**	**2.35E+07**
RCL Industrial DC (ug/kg)		**3000**	**1.00E+08**	**2.30E+06**	**9.85E+05**	**1.00E+08**	**6.36E+03**	**3.47E+05**	**4.67E+07**	**1.00E+08**	**8.00E+05**	**2.59E+07**	**3.13E+03**	**5.84E+06**	**2.25E+07**	**5.84E+06**	**5.84E+06**	**NA**	**5.84E+06**	**1.00E+08**
Groundwater Pathway		**584**	**1.65E+05**	**6.32E+03**	**752.00**	**3.60E+08**		**3.61E+03**	**9.16E+04**	**NA**	**2.70E+04**	**3.91E+04**	**2.08E+02**	**1.62E+03**	**1.31E+04**	**5.20E+02**	**8.49E+02**	**NA**	**6.00E+04**	**NA**
MW8-03	4-6	5600	66000	NA	<400	29000	NA	NA	NA	NA	1100	NA	<100	NA	NA	<500	1900	NA	NA	NA
MW9-01	0-2	2600	83000	NA	<400	14000	NA	NA	NA	NA	8000	NA	<100	NA	NA	<500	<500	NA	NA	NA
MW9-03	4-6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW10-02	2-4	3800	50000	NA	<400	12000	NA	NA	NA	NA	7800	NA	<100	NA	NA	<500	<500	NA	NA	NA
MW10A-14	26-28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW10A-15	28-30	5300	7700	NA	<400	3200	NA	NA	NA	NA	21000	NA	<100	NA	NA	<500	<500	NA	NA	NA
MW10A-19	36-38	1900	7000	NA	<400	2800	NA	NA	NA	NA	22000	NA	<100	NA	NA	<500	<500	NA	NA	NA
MW11-02	2-4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW11-03	4-6	1000	4500	NA	<400	2900	NA	NA	NA	NA	570	NA	<100	NA	NA	<500	<500	NA	NA	NA
MW12-01	0-2	2200	44000	NA	1200	372000	NA	NA	NA	NA	27000	NA	<0.1	NA	NA	<0.5	840	NA	NA	NA
MW12-03	4-8	1600	23000	NA	<400	15000	NA	NA	NA	NA	3800	NA	<100	NA	NA	<500	<500	NA	NA	NA
MW12-06	10-12	2800	48000	NA	<400	17000	NA	NA	NA	NA	6700	NA	<100	NA	NA	<500	<500	NA	NA	NA
MW12-07	12-14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW13-01	0-2	5600	62000	NA	<400	9700	NA	NA	NA	NA	11000	NA	<100	NA	NA	<500	<500	NA	NA	NA
MW13-08	14-18	300	8700	NA	<400	5000	NA	NA	NA	NA	<500	NA	<100	NA	NA	<500	<500	NA	NA	NA
MW13-10	18-20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW14-01	0-2	2000	12000	NA	<400	2700	NA	NA	NA	NA	<500	NA	<100	NA	NA	<5000	<5000	NA	NA	NA
MW14-02	2-4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW15-02	2-4	3400	22000	NA	<0.5	1100000	NA	NA	NA	NA	22000	NA	<0.1	NA	NA	<0.5	<1	NA	NA	NA
MW15-04	6-8	2500	84000	NA	<400	21000	NA	NA	NA	NA	13000	NA	<100	NA	NA	<5000	<5000	NA	NA	NA
MW-16	5-7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-17	3-5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-18	3-5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-19	0-1	24700	136000	NA	<1940	18600	<1960	NA	NA	NA	34500	NA	240	NA	34900	<1940	<1940	NA	NA	NA
MW-20	0-1	5450	124000	NA	<2260	6980000	<4760	NA	NA	NA	118000	NA	<240	NA	1590000	<2260	<2260	NA	NA	NA
MW-21	4-5	2580	6240	NA	<1080	281000	5710	NA	NA	NA	1510	NA	<110	NA	39100	<1080	<1080	NA	NA	NA
MW-22	6-8	2680	12800	NA	<1110	8720	<2300	NA	NA	NA	2240	NA	<110	NA	4700	<1110	<1110	NA	NA	NA
OP-5	0-2	2580	16500	NA	<1080	16100	NA	NA	NA	NA	31200	NA	<110	NA	18700	<1080	<1080	NA	NA	NA
RW-8A	6-8	8990	74900	NA	<1250	32100	<2500	NA	NA	NA	13500	NA	<120	NA	28200	<1250	<1250	NA	NA	NA
SB10	2-4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-1	3-5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-1	5-7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-1	7-9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-2	3-5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-3	5-7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-4	1-3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-4	3-5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-5	3-5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-5	5-7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-5	7-9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-6	1-3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-6	3-5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-6	7-9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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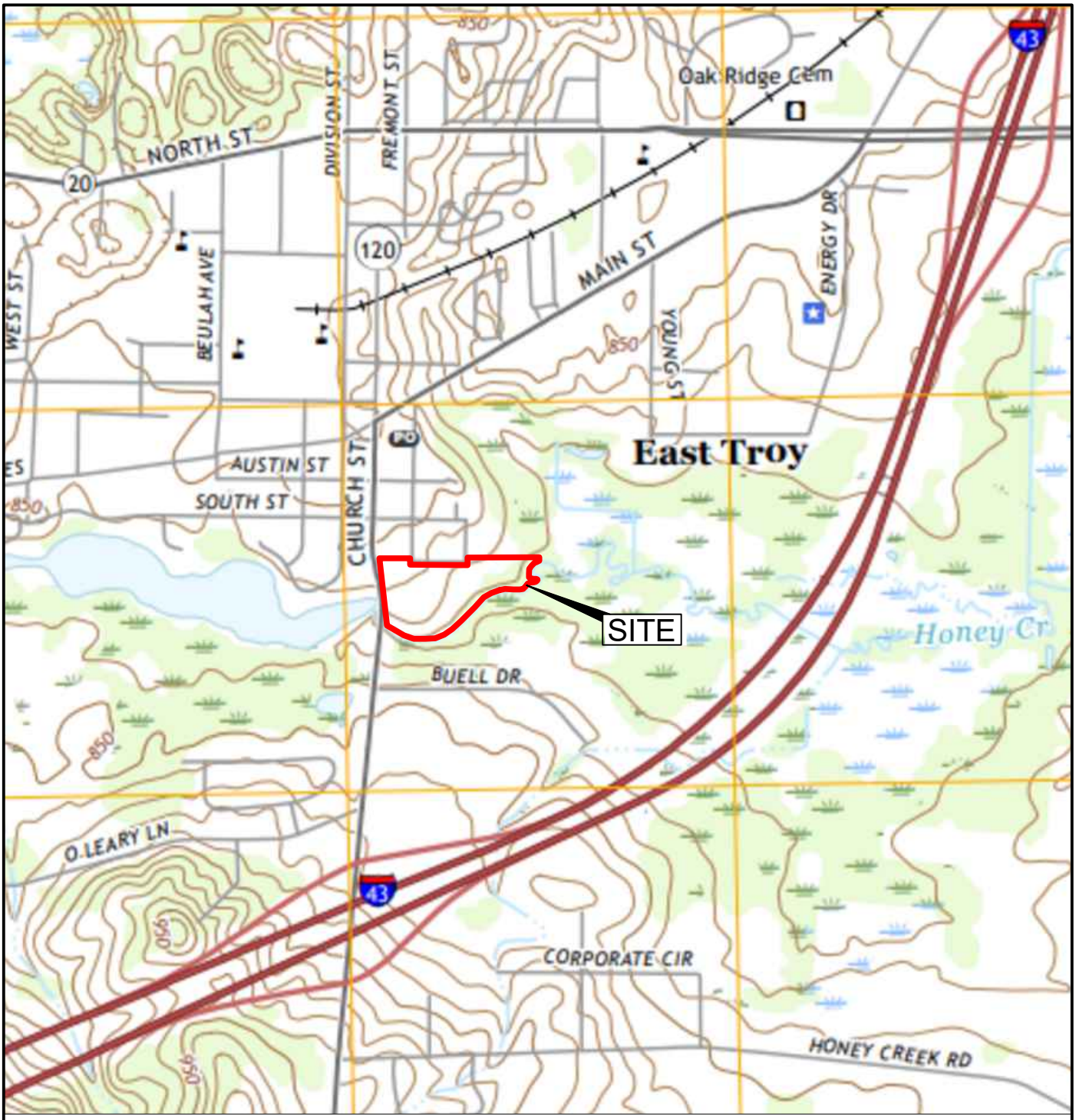
Background Threshold (ug/kg)		**8000**																		
RCL Non-Industrial DC (ug/kg)		**677**	**1.53E+07**	**1.56E+05**	**7.11E+04**	**1.00E+08**	**3.01E+02**	**2.34E+04**	**3.13E+06**	**5.48E+07**	**4.00E+05**	**1.83E+06**	**3.13E+03**	**3.91E+05**	**1.55E+06**	**3.91E+05**	**3.91E+05**	**NA**	**3.93E+05**	**2.35E+07**
RCL Industrial DC (ug/kg)		**3000**	**1.00E+08**	**2.30E+06**	**9.85E+05**	**1.00E+08**	**6.36E+03**	**3.47E+05**	**4.67E+07**	**1.00E+08**	**8.00E+05**	**2.59E+07**	**3.13E+03**	**5.84E+06**	**2.25E+07**	**5.84E+06**	**5.84E+06**	**NA**	**5.84E+06**	**1.00E+08**
Groundwater Pathway		**584**	**1.65E+05**	**6.32E+03**	**752.00**	**3.60E+08**		**3.61E+03**	**9.16E+04**	**NA**	**2.70E+04**	**3.91E+04**	**2.08E+02**	**1.62E+03**	**1.31E+04**	**5.20E+02**	**8.49E+02**	**NA**	**6.00E+04**	**NA**
GP-7	3-5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-8	1-3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-8	9-10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-9	1-3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-9	1-3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-10	1-3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-11	1-3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-12	1-3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-13	1-3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-14	1-3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-15	1-3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-17	1-3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP18	3-5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-18	1-3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP19	1-3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP20	3-5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP21	0-2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP22	2-4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP23	2-4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP24	0-2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP25	0-2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP26	2-4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP27	0-2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB9-01	0-2	33000	79000	NA	<400	3340000	NA	NA	NA	NA	50000	NA	<0.1	NA	NA	<0.5	<1	NA	NA	NA
SB9-02	2-4	680	12000	NA	<400	5600	NA	NA	NA	NA	<500	NA	<100	NA	NA	<500	<500	NA	NA	NA
SB9-03	4-6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB/HA10-03	1-1.5	110000	230000	NA	<500	42900000	NA	NA	NA	NA	56000	NA	<0.1	NA	NA	<0.5	<1	NA	NA	NA
SB/HA10-05	2-2.5	3400	109000	NA	650	305000	NA	NA	NA	NA	3600	NA	<0.1	NA	NA	<0.5	<1	NA	NA	NA
SB10 BOTTOM	2-4	17000	89000	NA	430	3000000	NA	NA	NA	NA	16000	NA	<100	NA	NA	<500	<500	NA	NA	NA
SB10 TOP	2-4	95000	150000	NA	<400	20200000	NA	NA	NA	NA	37000	NA	<100	NA	NA	<500	<500	NA	NA	NA
SB11	0-2	69000	175000	NA	<400	11700000	NA	NA	NA	NA	54000	NA	<100	NA	NA	<500	<500	NA	NA	NA
SB11	2-4	3100	221000	NA	960	41000	NA	NA	NA	NA	6100	NA	<100	NA	NA	970	<500	NA	NA	NA
SB12	0-2	40000	100000	NA	<400	6350000	NA	NA	NA	NA	32000	NA	<100	NA	NA	<500	<500	NA	NA	NA
SB12	2-4	8000	116000	NA	<400	98000	NA	NA	NA	NA	4300	NA	<100	NA	NA	<500	<500	NA	NA	NA
SB13	0-2	55000	130000	NA	<400	12300000	NA	NA	NA	NA	29000	NA	<100	NA	NA	<500	<500	NA	NA	NA
SB13	2-4	4400	59000	NA	<400	107000	NA	NA	NA	NA	5300	NA	<100	NA	NA	<500	<500	NA	NA	NA
SB14	0-2	29000	68000	NA	<400	5890000	NA	NA	NA	NA	75000	NA	<100	NA	NA	<500	1900	NA	NA	NA
SB14	2-4	52000	64000	NA	<400	7820000	NA	NA	NA	NA	27000	NA	<100	NA	NA	<500	<500	NA	NA	NA
SB15-02	2-4	1600	18000	NA	<400	88000	NA	NA	NA	NA	26000	NA	<100	NA	NA	<500	<500	NA	NA	NA
SB16-02	2-4	8500	7100	NA	<400	6900	NA	NA	NA	NA	22000	NA	<100	NA	NA	<500	<500	NA	NA	NA
SB17-02	2-4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB17-03	4-6	4900	113000	NA	<400	15000	NA	NA	NA	NA	14000	NA	<100	NA	NA	<500	<500	NA	NA	NA
SB17-07	12-14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 4
SOIL ANALYTICAL RESULTS - INORGANICS
Former Trent Tube Plant No. 1
2188 Church Street
East Troy, Wisconsin

Sample Name	Sample Depth (ft)	Arsenic	Barium	Beryllium	Cadmium	Chromium	Chromium, hexavalent	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thalium	Vanadium	Zinc
Background Threshold (ug/kg)		**8000**																		
RCL Non-Industrial DC (ug/kg)		**677**	**1.53E+07**	**1.56E+05**	**7.11E+04**	**1.00E+08**	**3.01E+02**	**2.34E+04**	**3.13E+06**	**5.48E+07**	**4.00E+05**	**1.83E+06**	**3.13E+03**	**3.91E+05**	**1.55E+06**	**3.91E+05**	**3.91E+05**	**NA**	**3.93E+05**	**2.35E+07**
RCL Industrial DC (ug/kg)		**3000**	**1.00E+08**	**2.30E+06**	**9.85E+05**	**1.00E+08**	**6.36E+03**	**3.47E+05**	**4.67E+07**	**1.00E+08**	**8.00E+05**	**2.59E+07**	**3.13E+03**	**5.84E+06**	**2.25E+07**	**5.84E+06**	**5.84E+06**	**NA**	**5.84E+06**	**1.00E+08**
Groundwater Pathway		**584**	**1.65E+05**	**6.32E+03**	**752.00**	**3.60E+08**		**3.61E+03**	**9.16E+04**	**NA**	**2.70E+04**	**3.91E+04**	**2.08E+02**	**1.62E+03**	**1.31E+04**	**5.20E+02**	**8.49E+02**	**NA**	**6.00E+04**	**NA**
SB18-01	0-2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB18-02	2-4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB18-03	4-6	5800	26000	NA	<0.5	210000	NA	NA	NA	NA	37000	NA	<0.1	NA	NA	<0.5	<1	NA	NA	NA
SB18-10	18-20	630	12000	NA	<400	34000	NA	NA	NA	NA	19000	NA	<100	NA	NA	<500	<600	NA	NA	NA
SB18-12	22-24	4900	19000	NA	<400	5800	NA	NA	NA	NA	20000	NA	<100	NA	NA	<500	<500	NA	NA	NA
SB18-8	6-8	3000	54000	NA	<400	2680000	NA	NA	NA	NA	72000	NA	330	NA	NA	<500	720	NA	NA	NA
SB18-8	14-18	7100	8900	NA	<400	17000	NA	NA	NA	NA	11000	NA	<100	NA	NA	<500	<500	NA	NA	NA
SB19	0-2	64000	196000	NA	<0.5	11300000	NA	NA	NA	NA	47000	NA	<0.1	NA	NA	<0.5	<1	NA	NA	NA
SB19	2-4	3100	9100	NA	<400	94000	NA	NA	NA	NA	<500	NA	<100	NA	NA	<500	<500	NA	NA	NA
SB20-02	2-4	3800	41000	NA	<400	19000	NA	NA	NA	NA	23000	NA	1500	NA	NA	<500	<500	NA	NA	NA
SB20-05	8-10	2300	11000	NA	<400	3700	NA	NA	NA	NA	670	NA	<100	NA	NA	<500	<500	NA	NA	NA

FIGURES



N
W E
S

0 1,000' 2,000' 4,000'

SCALE IN FEET 1" = 2,000'

USGS 7.5 Quadrangle Map, East Troy, WI, 2018

NO.	ISSUE/DESCRIPTION	BY	DATE

FORMER KURTH MALT PROPERTY
318-338 SOUTH WATER STREET
MILWAUKEE, WISCONSIN

PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PREPARED FOR:
FIFTH WARD HOLDINGS LLC
MILWAUKEE, WI

SITE LOCATION MAP

PROJ MGR: KMH	REVIEWED BY: KMH	CHECKED BY: KMH	FIGURE 1
DESIGNED BY: KMH	DRAWN BY: KMH	SCALE: 1" = 2,000'	
DATE: 9/10/2019	PROJECT NO. 20.0155935.01	REVISION NO.	SHEET NO. 1 OF 1

MILL STREET

CHURCH STREET

HIGHWAY 120

MW-11

MW-21

MAIN OFFICE AREA

NORTH BOILER ROOM

POSSIBLE TRANSFORMERS

MW-17R

MW-22 (ABANDONED)

MW-37R

MACHINE SHOP

GAS POWERED GENERATOR

GASOLINE GENERATOR AND SWAGGER AREA

FILTER PLANT

FLUME

MW-38

MW-18 (ABANDONED)

OIL STORAGE

MW-18R

MW-1R

RW-08

MW-39

MW-42

SOUTH DEGREASING AREA

MW-16

MW-2

MW-3 (ABANDONED)

TRANSFORMER

MW-41

OP-12

OP-13

EPOXY SPRAY BOOTH

MAINTENANCE SHOP

MW-40

MW-4

MW-4A

RW-16

OP-14

RW-17

RW-18

OP-15

RW-19

OP-16

RW-20

OP-1

RW-21

OP-2

RW-22

RW-01

RW-02

RW-23

RW-24

OP-3

RW-03

RW-09

RW-04

RW-05

RW-25

OP-4

OP-5

RW-06

MW-6A

MW-6

RW-26

OP-6

RW-27

OP-7

RW-07

RW-28

OP-8

RW-10

OP-9

MW-13R

MW-13 (ABANDONED)

SEPTIC FIELD

RW-11

OP-10

FORMER IMPOUNDMENT

RW-12

MW-12

OP-11

RW-13

RW-14

RW-15

MW-15

MW-14 (ABANDONED)

MW-9 (ABANDONED)

FORMER LAGOON

MW-20

MW-8

FORMER CHANNEL

MW-7R

MW-19

MW-26 (ABANDONED)

HONEY CREEK

MW-32D (ABANDONED)

MW-32S (ABANDONED)

MW-25

MW-30 (ABANDONED)

MW-31 (ABANDONED)

MW-5 (ABANDONED)

MW-27

MW-28 (ABANDONED)

MW-29

MW-35 (ABANDONED)

HONEY CREEK

LEGEND

- MONITORING WELL
- GROUNDWATER EXTRACTION WELL
- FORMER RAILROAD TRACKS
- FORMER LAGOON/ IMPOUNDMENT

N W E S

0 50' 100' 200'

SCALE IN FEET 1" = 100'

NO.	ISSUE/DESCRIPTION	BY	DATE

FORMER TRENT TUBE SITE
2188 CHURCH STREET
EAST TROY, WISCONSIN

SITE PLAN

PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PREPARED FOR:
ENPRO HOLDINGS, INC.

PROJ MGR: KMH	REVIEWED BY: JFD	CHECKED BY: KMH	FIG 2
DESIGNED BY: KMH	DRAWN BY: KMH	SCALE: see above	
DATE: SEPTEMBER, 2019	PROJECT NO. 20.0155935.00	REVISION NO.	SHEET NO. OF

MILL STREET

TRENT STREET

HIGHWAY 120

MW-11 (<0.26)

MW-21 (<0.26)

MAIN OFFICE AREA

NORTH BOILER ROOM

POSSIBLE TRANSFORMERS

MW-17R (376)

MW-22 (ABANDONED)

MW-37R (1.6)

MACHINE SHOP

GAS POWERED GENERATOR

GASOLINE GENERATOR AND SWAGGER AREA

FILTER PLANT

MW-38 (<0.26)

MW-18 (ABANDONED)

OIL STORAGE

MW-18R (3,910)

MW-1R (0.55)

RW-08

MW-39 (1,380)

MW-42 (2,150)

SOUTH DEGREASING AREA

MW-16 (<5.1)

MW-2 (<6.4)

MW-3 (ABANDONED)

TRANSFORMER AREA

MW-41 (60.5)

OP-12

OP-13

EPOXY SPRAY BOOTH

RW-16

OP-14 (168)

RW-17

MW-4A (1.0)

MW-4 (78.6)

MAINTENANCE SHOP

MW-40 (172)

RW-18

OP-15 (312)

RW-19

OP-16 (58.3)

RW-20

OP-1 (345)

RW-21

OP-2 (414)

RW-22

RW-01

RW-02

RW-23

RW-03

OP-3 (593)

RW-24

RW-04

RW-05

RW-25

OP-4 (81.3)

OP-5 (51.9)

RW-06

RW-26

OP-6

MW-6A (<0.26)

MW-6 (64.8)

RW-27

OP-7 (3,570)

RW-07

RW-28

OP-8 (33.2)

OP-9 (0.88)

RW-10

OP-10 (13.1)

RW-11

RW-12

RW-13

OP-11 (<0.26)

MW-12 (<0.26)

RW-14

RW-15

MW-15 (1.9)

MW-13R (<0.26)

MW-13 (ABANDONED)

SEPTIC FIELD

FORMER IMPOUNDMENT

FORMER CHANNEL

FORMER LAGOON

MW-7R (0.80)

MW-19 (<0.26)

MW-20 (<0.26)

MW-8 (<0.26)

MW-9 (ABANDONED)

MW-14 (ABANDONED)

HONEY CREEK

MW-26 (ABANDONED)

MW-25 (<0.26)

MW-32D (ABANDONED)

MW-32S (ABANDONED)

MW-30 (ABANDONED)

MW-31 (ABANDONED)

MW-5 (ABANDONED)

MW-27 (<0.26)

MW-28 (ABANDONED)

MW-29 (<0.26)

MW-35 (ABANDONED)

5

50

500

GROUNDWATER EXTRACTION WELL

LEGEND

- MONITORING WELL
- FORMER RAILROAD TRACKS
- FORMER LAGOON/ IMPOUNDMENT AREA
- (698) TCE CONCENTRATION, µg/L
- ISOCONCENTRATION CONTOUR, µg/L

N

W E

S

0 50' 100' 200'

SCALE IN FEET 1" = 100'

NOTES

1. THE GROUNDWATER ENFORCEMENT STANDARD (ES) FOR TRICHLOROETHENE (TCE) IS 5 MICROGRAMS PER LITER (µg/L).
2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF BORINGS, MONITORING WELLS, AND OTHER EXPLORATIONS IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.

NO.	ISSUE/DESCRIPTION	BY	DATE

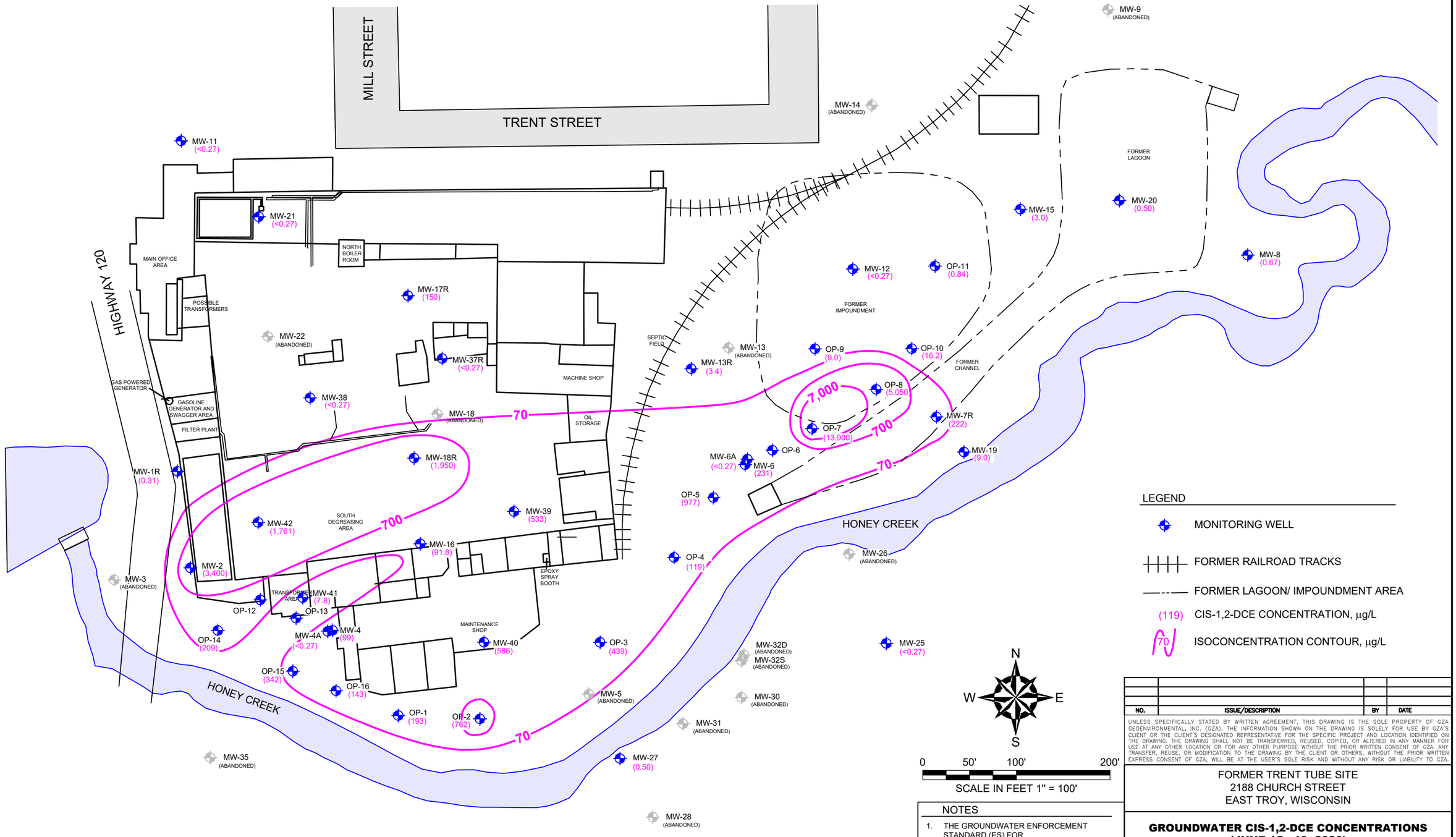
FORMER TRENT TUBE SITE
2188 CHURCH STREET
EAST TROY, WISCONSIN

GROUNDWATER TCE CONCENTRATIONS (JUNE 15 - 19, 2020)

PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PREPARED FOR:
ENPRO HOLDINGS, INC.

PROJ MGR: KMH	REVIEWED BY: AHA	CHECKED BY: JJLP	FIG 3
DESIGNED BY: ANM	DRAWN BY: ANM	SCALE: see above	SHEET NO. OF
DATE: JULY, 2020	PROJECT NO. 20.0155935.00	REVISION NO.	



LEGEND

- MONITORING WELL
- FORMER RAILROAD TRACKS
- FORMER LAGOON/ IMPOUNDMENT AREA
- (119) CIS-1,2-DCE CONCENTRATION, µg/L
- 70 ISOCONCENTRATION CONTOUR, µg/L

NOTES

1. THE GROUNDWATER ENFORCEMENT STANDARD (ES) FOR CIS-1,2-DICHLOROETHENE IS 70 MICROGRAMS PER LITER (µg/L).
2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF BORINGS, MONITORING WELLS, AND OTHER EXPLORATIONS IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.

NO.	ISSUE/DESCRIPTION	BY	DATE

FORMER TRENT TUBE SITE
2188 CHURCH STREET
EAST TROY, WISCONSIN

GROUNDWATER CIS-1,2-DCE CONCENTRATIONS (JUNE 15 - 19, 2020)

PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PREPARED FOR:
ENPRO HOLDINGS, INC.

PROJ MGR: KMH	REVIEWED BY: AHA	CHECKED BY: JJLP	FIG 4
DESIGNED BY: ANM	DRAWN BY: ANM	SCALE: see above	SHEET NO. OF
DATE: JULY, 2020	PROJECT NO. 20.0155935.00	REVISION NO.	

MILL STREET

TRENT STREET

HIGHWAY 120

MW-11 (<0.17)

MW-21 (<0.17)

MAIN OFFICE AREA

NORTH BOILER ROOM

POSSIBLE TRANSFORMERS

MW-17R (10.2)

MW-22 (ABANDONED)

MW-37R (<0.17)

MACHINE SHOP

GAS POWERED GENERATOR

GASOLINE GENERATOR AND SWAGGER AREA

FILTER PLANT

MW-38 (<0.17)

MW-18 (ABANDONED)

OIL STORAGE

MW-18R (30.7)

MW-1R (<0.17)

MW-42 (1.2)

SOUTH DEGREASING AREA

MW-39 (4.8)

MW-16 (7.2)

EPOXY SPRAY BOOTH

MW-2 (42)

MW-3 (ABANDONED)

TRANSFORMER AREA

MW-41 (<0.17)

OP-12

OP-13

MW-4 (<0.17)

MW-4A (<0.17)

OP-14 (<0.70)

MAINTENANCE SHOP

MW-40 (<17.5)

OP-15 (33)

OP-16 (80.3)

OP-1 (2.2)

OP-2 (<0.35)

MW-35 (ABANDONED)

HONEY CREEK

MW-14 (ABANDONED)

MW-9 (ABANDONED)

FORMER LAGOON

MW-20 (<0.17)

MW-15 (3.6)

MW-8 (0.38)

MW-12 (0.42)

OP-11 (46)

FORMER IMPOUNDMENT

SEPTIC FIELD

MW-13 (ABANDONED)

MW-13R (10)

OP-9 (41.7)

OP-10 (14.2)

FORMER CHANNEL

OP-8 (1,350)

MW-7R (46.4)

OP-7 (150)

MW-19 (40.7)

MW-6A (<0.17)

OP-6

MW-6 (31.8)

OP-5 (118)

OP-4 (2.8)

HONEY CREEK

MW-26 (ABANDONED)

MW-32D (ABANDONED)

MW-32S (ABANDONED)

MW-25 (<0.17)

OP-3 (47.9)

MW-5 (ABANDONED)

MW-30 (ABANDONED)

MW-31 (ABANDONED)

MW-27 (<0.33)

MW-28 (ABANDONED)

MW-29 (<0.17)

0.2

2

20

200

LEGEND

- MONITORING WELL
- FORMER RAILROAD TRACKS
- FORMER LAGOON/ IMPOUNDMENT AREA
- (698) VINYL CHLORIDE CONCENTRATION, µg/L
- 0.2 ISOCONCENTRATION CONTOUR, µg/L

N

W E

S

0 50' 100' 200'

SCALE IN FEET 1" = 100'

NOTES

1. THE GROUNDWATER ENFORCEMENT (ES) STANDARD FOR VINYL CHLORIDE IS 0.2 MICROGRAMS PER LITER (µg/L).
2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF BORINGS, MONITORING WELLS, AND OTHER EXPLORATIONS IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.

NO.	ISSUE/DESCRIPTION	BY	DATE

FORMER TRENT TUBE SITE
2188 CHURCH STREET
EAST TROY, WISCONSIN

GROUNDWATER VINYL CHLORIDE CONCENTRATIONS (JUNE 15 - 19, 2020)

PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PREPARED FOR:
ENPRO HOLDINGS, INC.

PROJ MGR: KMH	REVIEWED BY: AHA	CHECKED BY: JJLP	FIG 5
DESIGNED BY: ANM	DRAWN BY: ANM	SCALE: see above	SHEET NO. OF
DATE: JULY, 2020	PROJECT NO. 20.0155935.00	REVISION NO.	

MILL STREET

TRENT STREET

HIGHWAY 120

HONEY CREEK

HONEY CREEK

MW-11 (833.10)
MW-21 (832.68)
MW-17R (832.29)
MW-22 (ABANDONED)
MW-37R (831.42)
MW-38 (828.77)
MW-18 (ABANDONED)
MW-18R (829.37)
MW-1R (826.81)
MW-42 (828.27)
MW-2 (826.96)
MW-3 (ABANDONED)
MW-16 (828.06)
MW-39 (827.43)
MW-41 (827.27)
OP-12 (NM)
OP-13 (NM)
MW-4 (826.27)
MW-4A (825.66)
OP-14 (825.97)
OP-15 (822.22)
OP-16 (819.90)
OP-1 (820.60)
OP-2 (823.55)
MW-40 (827.72)
MW-5 (ABANDONED)
MW-35 (ABANDONED)
MW-14 (ABANDONED)
MW-9 (ABANDONED)
MW-15 (818.71)
MW-20 (817.12)
MW-8 (817.36)
MW-12 (826.06)
OP-11 (825.29)
MW-13 (ABANDONED)
MW-13R (825.29)
OP-9 (826.66)
OP-10 (NM)
OP-8 (817.34)
MW-7R (817.91)
OP-7 (819.39)
MW-19 (817.68)
MW-6A (820.75)
MW-6 (821.38)
OP-6 (DRY)
OP-5 (821.21)
OP-4 (821.93)
OP-3 (819.37)
MW-26 (ABANDONED)
MW-32D (ABANDONED)
MW-32S (ABANDONED)
MW-30 (ABANDONED)
MW-31 (ABANDONED)
MW-27 (822.78)
MW-28 (ABANDONED)
MW-25 (816.13)
MW-29 (819.68)

MAIN OFFICE AREA
POSSIBLE TRANSFORMERS
NORTH BOILER ROOM
GAS POWERED GENERATOR
GASOLINE GENERATOR AND SWAGGER AREA
FILTER PLANT
SOUTH DEGREASING AREA
TRANSFORMER AREA
MACHINE SHOP
OIL STORAGE
SEPTIC FIELD
MAINTENANCE SHOP
EPOXY SPRAY BOOTH
FORMER IMPOUNDMENT
FORMER LAGOON
FORMER CHANNEL

833 832 831 830 829 828 827 826 825 824 823 822 821 820 817 818 819 821

N
W E
S

0 50' 100' 200'
SCALE IN FEET 1" = 100'

LEGEND

- MONITORING WELL
- FORMER RAILROAD TRACKS
- FORMER LAGOON/ IMPOUNDMENT AREA
- (817.68) GROUNDWATER ELEVATION, FEET
- 831 ISOCONTOUR ELEVATION, FEET
- APPROXIMATE GROUNDWATER FLOW DIRECTION

NOTES

1. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF BORINGS, MONITORING WELLS, AND OTHER EXPLORATIONS IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.

NO.	ISSUE/DESCRIPTION	BY	DATE

FORMER TRENT TUBE SITE
2188 CHURCH STREET
EAST TROY, WISCONSIN

GROUNDWATER FLOW MAP
(JUNE 15 - 19, 2020)

PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PREPARED FOR:
EN-PRO HOLDINGS, INC.

PROJ MGR: KMH	REVIEWED BY: AHA	CHECKED BY: KMH	FIG 6
DESIGNED BY: KMH	DRAWN BY: KMH	SCALE: see above	SHEET NO. OF
DATE: MARCH 2020	PROJECT NO. 20.0155935.00	REVISION NO.	

MILL STREET

CHURCH STREET

HIGHWAY 120

MW-11 (<5)

MW-21

MAIN OFFICE AREA

NORTH BOILER ROOM

POSSIBLE TRANSFORMERS

GAS POWERED GENERATOR

GASOLINE GENERATOR AND DAGGER AREA

MW-22 (ABANDONED)

MW-37R

MW-38 (6)

MACHINE SHOP

OIL STORAGE

MW-18 (ABANDONED) (<30)

MW-18R

SOUTH DEGREASING AREA

MW-42

MW-1R

MW-2

MW-3 (ABANDONED)

MW-41

MW-4A

MW-4 (<5)

MW-16 (829)

MAINTENANCE SHOP

EPOXY SPRAY BOOTH

MW-40

MW-39

MW-35 (ABANDONED)

MW-14 (ABANDONED) (<5)

MW-13 (ABANDONED) (40)

MW-13R

MW-12 (2,700)

OP-11

MW-15 (16)

MW-20

MW-9 (ABANDONED) (<5)

FORMER LAGOON

FORMER IMPOUNDMENT

MW-8 (38)

MW-7R

MW-19

MW-6A

MW-6

MW-26 (ABANDONED)

MW-32D (ABANDONED)

MW-32S (ABANDONED)

MW-30 (ABANDONED)

MW-31 (ABANDONED)

MW-27

MW-28 (ABANDONED)

MW-29

MW-25

MW-5 (ABANDONED) (11,000)

HONEY CREEK

HONEY CREEK

HP-37 (<59.5)

HP-36

HP-76

HP-19 (<52.6)

HP-18 (<50.5)

HP-21 (<57.5)

HP-72 (<53.8)

HP-20 (<58.2)

GP-19 (<25)

HP-25 (<58.1)

HP-22 (<53.8)

HP-73 (<54.9)

HP-24 (<52.6)

HP-23 (<54.3)

HP-38 (<81.7)

GP-16

GP-11 (<5)

GP-15 (<5)

HP-39 (<54.9)

(42)

HSA-10

GP-4 (260)

HSA-8

GP-2

GP-3

(<54.3)

HSA-5

HSA-4

GP-5 (<5)

GP-10 (54)

HSA-2

HP-1

(4,941)

HP-70

HP-71 (103,400)

HP-10 (36,020)

OP-14

OP-15

HP-2 (2,663)

OP-16

HP-11

OP-1

OP-2

HP-3

HP-26 (<59.5)

GP-13 (1,100)

GP-20 (<25)

GP-8 (8)

PRW-08 (<54.3)

HP-35

HP-27 (166.7)

HP-75

GP-12 (23)

HP-69 (<56.2)

GP-1

GP-6 (34)

GP-7 (<5)

GP-17 (<5)

HP-66 (<51.5)

HP-33 (<54.3)

HP-34 (<58.2)

HP-67 (1,190)

SEPTIC FIELD

HA-45

HA-46 (2,824)

HA-49 (4,468,000)

SB-18 (18)

OP-9

OP-10

OP-8

OP-7

OP-6

OP-5

OP-4

OP-3

HP-13 (11,390)

HP-4

GP-26 (<25)

GP-25 (6,400)

GP-27 (<25)

GP-22 (1,100,000)

GP-24 (21,000)

HP-12 (18,800)

GP-21 (47,000)

GP-23 (360,000)

HP-78 (<56.8)

HP-52 (<62.5)

HA-1

HA-2

HP-74

HA-51

SB-9 (<5)

HA-3

HA-4

HA-5

HP-51 (<58.6)

HA-6

HA-8

HP-58 (<61.7)

SB-19 (<5)

SB-10 (370)

HA-7

SB-10A

HP-50 (<56.8)

HA-9

HA-11

HA-12

HA-13

HA-14

HA-15

SB-11 (9.9)

HP-9 (<63.3)

HP-17 (588.2)

HP-49 (<54.9)

HP-48 (<54.9)

SB-12 (35)

HP-54 (<58.8)

HP-55 (<70.4)

HP-56 (<62.5)

HP-57 (<60.2)

HP-47 (<58.1)

HA-16

HP-58 (<57.5)

SB-17 (1000*)

HA-47 (1,037)

HA-48 (882.4)

HP-16 (222.2)

HP-46 (<64.9)

HP-45 (<58.1)

SB-13 (22)

HP-59 (<58.1)

HP-7 (<56.1)

HP-44 (<61)

HA-17

HP-60 (<55.8)

HP-43 (<60.2)

HP-15 (448.7)

HP-42 (<55.6)

HA-18

HP-61 (<60.2)

(150)

HP-6 (21,000)

HP-41 (<58.1)

(1,562)

HP-14

HP-40 (<56.8)

SB-14 (99)

HP-62 (<56.2)

HA-19

HP-63 (<62.5)

HP-64 (<67.6)

HP-65 (<81.7)

HP-41 (<61)

HA-39 (241)

HA-40 (120.5)

HA-43 (792.7)

SB-16 (140)

SB-15 (53)

SB-20 (90)

HA-44 (2,614)

HA-41

HA-42

HP-8 (1,429)

LEGEND

MONITORING WELL

(11,000) TCE CONCENTRATION, µG/KG

FORMER RAILROAD TRACKS

FORMER LAGOON/ IMPOUNDMENT

SOIL TO GROUNDWATER RCL EXCEEDANCE

RESIDENTIAL DIRECT CONTACT AND SOIL TO GROUNDWATER RCL EXCEEDANCE

N

W E

S

0 50' 100' 200'

SCALE IN FEET 1" = 100'

NO.	ISSUE/DESCRIPTION	BY	DATE

FORMER TRENT TUBE SITE
2188 CHURCH STREET
EAST TROY, WISCONSIN

SOIL TCE CONCENTRATIONS AND EXCEEDANCES

PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PREPARED FOR:
ENPRO HOLDINGS, INC.

PROJ MGR: KMH	REVIEWED BY: JFD	CHECKED BY: KMH	FIG 7
DESIGNED BY: KMH	DRAWN BY: KMH	SCALE: see above	
DATE: SEPTEMBER, 2019	PROJECT NO. 20.0155935.00	REVISION NO.	SHEET NO. OF

MILL STREET

TRENT STREET

HIGHWAY 120

MW-11

MW-21

MAIN OFFICE AREA

NORTH BOILER ROOM

POSSIBLE TRANSFORMERS

MW-17R

MW-22 (ABANDONED)

MW-37R

MACHINE SHOP

GAS POWERED GENERATOR

GASOLINE GENERATOR AND SWAGGER AREA

FILTER PLANT

MW-38

MW-18 (ABANDONED)

OIL STORAGE

MW-1R

MW-18R

RW-08

MW-39

SOUTH DEGREASING AREA

MW-42

MW-16

RW-05

RW-25

OP-4

MW-2

MW-3 (ABANDONED)

TRANSFORMER AREA

MW-41

OP-12

OP-13

EPOXY SPRAY BOOTH

RW-04

RW-16

OP-14

RW-17

MW-4A

MW-4

MAINTENANCE SHOP

MW-40

RW-24

OP-3

RW-03

RW-09

RW-18

OP-15

RW-19

OP-16

RW-23

MW-5 (ABANDONED)

RW-20

OP-1

RW-21

OP-2

RW-22

RW-02

RW-01

HONEY CREEK

MW-35 (ABANDONED)

MW-27

MW-28 (ABANDONED)

MW-29

MW-32D (ABANDONED)

MW-32S (ABANDONED)

MW-30 (ABANDONED)

MW-31 (ABANDONED)

MW-25

MW-14 (ABANDONED)

MW-9 (ABANDONED)

FORMER LAGOON

RW-15

MW-15

RW-14

MW-20

MW-8

MW-12

OP-11

RW-13

FORMER IMPOUNDMENT

RW-12

RW-11

SEPTIC FIELD

MW-13 (ABANDONED)

MW-13R

OP-9

OP-10

RW-10

FORMER CHANNEL

RW-28

OP-8

RW-07

MW-7R

OP-7

RW-26

RW-27

OP-6

MW-6A

MW-6

RW-06

MW-19

OP-5

HONEY CREEK

MW-26 (ABANDONED)

GROUNDWATER EXTRACTION WELL

LEGEND

- MONITORING WELL
- FORMER RAILROAD TRACKS
- FORMER LAGOON/ IMPOUNDMENT AREA
- PROPOSED INJECTION POINTS

N

W E

S

0 50' 100' 200'

SCALE IN FEET 1" = 100'

NOTES

1. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF BORINGS, MONITORING WELLS, AND OTHER EXPLORATIONS IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.

NO.	ISSUE/DESCRIPTION	BY	DATE

FORMER TRENT TUBE SITE
2188 CHURCH STREET
EAST TROY, WISCONSIN

PROPOSED INJECTION POINTS

PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PREPARED FOR:
ENPRO HOLDINGS, INC.

PROJ MGR: KMH	REVIEWED BY: AHA	CHECKED BY: JJLP	FIG 8
DESIGNED BY: ANM	DRAWN BY: ANM	SCALE: see above	
DATE: JULY, 2020	PROJECT NO. 20.0155935.00	REVISION NO.	SHEET NO. OF

ATTACHMENT 1

Limitations

GEOHYDROLOGICAL LIMITATIONS

Standard of Care

1. GZA's findings and conclusions are based on the work conducted as part of the Scope of Services set forth in the proposal and/or report and reflect our professional judgment. These findings and conclusions must be considered not as scientific or engineering certainties, but rather as our professional opinions concerning the limited data gathered during the course of our work. Conditions other than described in this report may be found at the subject location(s).
2. GZA's services were performed using the degree of skill and care ordinarily exercised by qualified professionals performing the same type of services, at the same time, under similar conditions, at the same or a similar property. No warranty, expressed or implied, is made. Specifically, GZA does not and cannot represent that the site contains no hazardous material, oil, or other latent condition beyond that observed by GZA during its study. Additionally, GZA makes no warranty that any response action or recommended action will achieve all its objectives or that the findings of this study will be upheld by a local, state, or federal agency.
3. In conducting our work, GZA relied upon certain information made available by public agencies, Client and/or others. GZA did not attempt to independently verify the accuracy or completeness of that information. Inconsistencies in this information which we have noted, if any, are discussed in the report.

Subsurface Conditions

4. The generalized soil profile(s) provided in our report are based on widely-spaced subsurface explorations and are intended only to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized, and were based on our assessment of subsurface conditions. The composition of strata and the transitions between strata may be more variable and more complex than indicated. For more specific information on soil conditions at a specific location, refer to the exploration logs.
5. Water level readings have been made in test holes (as described in the report) and monitoring wells at the specified times and under the stated conditions. These data have been reviewed and interpretations have been made in this report. Fluctuations in the level of the groundwater, however, occur due to temporal or spatial variations in areal recharge rates, soil heterogeneities, the presence of subsurface utilities and/or natural or artificially induced perturbations. The observed water table may be other than indicated in the report.

Compliance with Codes and Regulations

6. GZA used reasonable care in identifying and interpreting applicable codes and regulations necessary to execute our scope of work. These codes and regulations are subject to various and possibly contradictory interpretations. Interpretations and compliance with codes and regulations by other parties are beyond our control.

Screening and Analytical Testing

7. GZA collected environmental samples at the locations identified in the report. These samples were analyzed for the specific parameters identified in the report. Additional constituents, for which analyses were not conducted, may be present in soil, groundwater, surface water, sediment and/or air. Future site activities and uses may result in a requirement for additional testing.
8. Our interpretation of field screening and laboratory data is presented in the report. Unless otherwise noted, GZA relied on the laboratory's quality assurance (QA)/quality control (QC) program to validate these data.
9. Variations in the types and concentrations of contaminants observed at a given location or time may occur due to release mechanisms, disposal practices, changes in flow paths, and/or the influence of various physical, chemical, biological or radiological processes. Subsequently observed concentrations may be other than indicated in the report.

Interpretation of Data

10. Our opinions are based on available information, as described in the report, and on our professional judgment. Additional observations made over time and/or space may not support the opinions provided in the report.

Additional Information

11. If Client or others authorized to use this report obtain information on environmental or hazardous waste issues at the site not contained in this report, such information shall be brought to GZA's attention forthwith. GZA will evaluate such information and, based on this evaluation, may modify the conclusions stated in this report.

Additional Services

12. GZA recommends that we be retained to provide services during any future investigations, design, implementation activities, construction and/or property development/redevelopment at the site. This will allow us the opportunity to: i) observe conditions and compliance with our design concepts and opinions; ii) allow for changes if conditions are other than anticipated; iii) provide modifications to our design; and iv) assess the consequences of changes in technologies and/or regulations.

ATTACHMENT 2

Groundwater Laboratory Analytical Reports

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

June 24, 2020

Kevin Hedinger
GZA
17975 West Sarah Lane
Suite 100
Brookfield, WI 53045

RE: Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Dear Kevin Hedinger:

Enclosed are the analytical results for sample(s) received by the laboratory on June 16, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

Christopher Hyska

Christopher Hyska
christopher.hyska@pacelabs.com
(920)469-2436
Project Manager

Enclosures

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

CERTIFICATIONS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

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

SAMPLE SUMMARY

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40209608001	**MW-11**	Water	06/15/20 10:00	06/16/20 09:10
40209608002	**MW-21**	Water	06/15/20 10:47	06/16/20 09:10
40209608003	**MW-38**	Water	06/15/20 11:27	06/16/20 09:10
40209608004	**MW-17R**	Water	06/15/20 12:05	06/16/20 09:10
40209608005	**MW-37R**	Water	06/15/20 12:49	06/16/20 09:10
40209608006	**MW-4A**	Water	06/15/20 14:17	06/16/20 09:10
40209608007	**MW-4**	Water	06/15/20 14:44	06/16/20 09:10
40209608008	**MW-16**	Water	06/15/20 15:27	06/16/20 09:10
40209608009	**MW-2**	Water	06/15/20 10:05	06/16/20 09:10
40209608010	**MW-1R**	Water	06/15/20 10:42	06/16/20 09:10
40209608011	**MW-39**	Water	06/15/20 11:23	06/16/20 09:10
40209608012	**MW-42**	Water	06/15/20 12:01	06/16/20 09:10
40209608013	**MW-18R**	Water	06/15/20 12:41	06/16/20 09:10
40209608014	**MW-41**	Water	06/15/20 14:35	06/16/20 09:10
40209608015	**MW-40**	Water	06/15/20 15:12	06/16/20 09:10
40209608016	**RW-8**	Water	06/15/20 13:49	06/16/20 09:10
40209608017	**DUP-1**	Water	06/15/20 00:00	06/16/20 09:10
40209608018	**TRIP**	Water	06/15/20 00:00	06/16/20 09:10

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

SAMPLE ANALYTE COUNT

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40209608001	**MW-11**	EPA 8260	HNW	64	PASI-G
40209608002	**MW-21**	EPA 8260	HNW	64	PASI-G
40209608003	**MW-38**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40209608004	**MW-17R**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40209608005	**MW-37R**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40209608006	**MW-4A**	EPA 8260	HNW	64	PASI-G
40209608007	**MW-4**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40209608008	**MW-16**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40209608009	**MW-2**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	HMB	1	PASI-G

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

SAMPLE ANALYTE COUNT

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 310.2	DAW	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40209608010	**MW-1R**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40209608011	**MW-39**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40209608012	**MW-42**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40209608013	**MW-18R**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40209608014	**MW-41**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40209608015	**MW-40**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G

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

SAMPLE ANALYTE COUNT

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 5310C	TJJ	1	PASI-G
40209608016	**RW-8**	EPA 8260	HNW	64	PASI-G
40209608017	**DUP-1**	EPA 8260	HNW	64	PASI-G
40209608018	**TRIP**	EPA 8260	HNW	64	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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

SUMMARY OF DETECTION

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40209608001	**MW-11**					
EPA 8260	Tetrachloroethene	0.85J	ug/L	1.1	06/18/20 19:50	
40209608002	**MW-21**					
EPA 8260	1,1,1-Trichloroethane	0.69J	ug/L	1.0	06/18/20 20:12	
40209608003	**MW-38**					
EPA 300.0	Sulfate	126	mg/L	10.0	06/18/20 18:50	
EPA 310.2	Alkalinity, Total as CaCO3	255	mg/L	24.8	06/24/20 11:33	
SM 5310C	Total Organic Carbon	1.5	mg/L	0.50	06/18/20 18:21	
40209608004	**MW-17R**					
EPA 8015B Modified	Ethene	1.6J	ug/L	5.0	06/18/20 12:41	
EPA 8015B Modified	Methane	88.7	ug/L	2.8	06/18/20 12:41	
EPA 8260	Tetrachloroethene	2.2J	ug/L	5.4	06/19/20 08:53	
EPA 8260	Trichloroethene	376	ug/L	5.0	06/19/20 08:53	
EPA 8260	Vinyl chloride	10.2	ug/L	5.0	06/19/20 08:53	
EPA 8260	cis-1,2-Dichloroethene	150	ug/L	5.0	06/19/20 08:53	
EPA 8260	trans-1,2-Dichloroethene	9.3	ug/L	7.7	06/19/20 08:53	
EPA 300.0	Sulfate	94.1	mg/L	10.0	06/17/20 02:03	
EPA 310.2	Alkalinity, Total as CaCO3	196	mg/L	24.8	06/24/20 11:34	
SM 5310C	Total Organic Carbon	9.2	mg/L	3.0	06/18/20 19:27	
40209608005	**MW-37R**					
EPA 8260	Trichloroethene	1.6	ug/L	1.0	06/18/20 20:56	
EPA 300.0	Sulfate	11.6	mg/L	2.0	06/17/20 02:43	
EPA 310.2	Alkalinity, Total as CaCO3	176	mg/L	24.8	06/24/20 11:35	
SM 5310C	Total Organic Carbon	1.4	mg/L	0.50	06/18/20 20:12	
40209608006	**MW-4A**					
EPA 8260	Tetrachloroethene	4.0	ug/L	1.1	06/18/20 21:18	
EPA 8260	Trichloroethene	1.0	ug/L	1.0	06/18/20 21:18	
40209608007	**MW-4**					
EPA 8015B Modified	Methane	7.4	ug/L	2.8	06/18/20 12:54	
EPA 6010	Iron, Dissolved	371	ug/L	100	06/18/20 22:32	
EPA 8260	1,1,1-Trichloroethane	2.5	ug/L	1.0	06/19/20 08:31	
EPA 8260	1,1-Dichloroethane	0.56J	ug/L	1.0	06/19/20 08:31	
EPA 8260	1,1-Dichloroethene	0.42J	ug/L	1.0	06/19/20 08:31	
EPA 8260	Tetrachloroethene	2.3	ug/L	1.1	06/19/20 08:31	
EPA 8260	Trichloroethene	78.6	ug/L	1.0	06/19/20 08:31	
EPA 8260	cis-1,2-Dichloroethene	99.0	ug/L	1.0	06/19/20 08:31	
EPA 8260	trans-1,2-Dichloroethene	0.54J	ug/L	1.5	06/19/20 08:31	
EPA 300.0	Sulfate	32.9	mg/L	10.0	06/18/20 19:05	
EPA 310.2	Alkalinity, Total as CaCO3	365	mg/L	24.8	06/24/20 11:36	
SM 5310C	Total Organic Carbon	9.6	mg/L	1.5	06/18/20 20:26	
40209608008	**MW-16**					
EPA 8015B Modified	Methane	34.1	ug/L	2.8	06/18/20 13:01	
EPA 6010	Iron, Dissolved	1220	ug/L	100	06/18/20 22:34	
EPA 8260	1,1,1-Trichloroethane	969	ug/L	20.0	06/19/20 11:50	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40209608008	**MW-16**					
EPA 8260	1,1-Dichloroethane	374	ug/L	20.0	06/19/20 11:50	
EPA 8260	Vinyl chloride	7.2J	ug/L	20.0	06/19/20 11:50	
EPA 8260	cis-1,2-Dichloroethene	91.8	ug/L	20.0	06/19/20 11:50	
EPA 300.0	Sulfate	31.7	mg/L	2.0	06/17/20 02:56	
EPA 310.2	Alkalinity, Total as CaCO3	434	mg/L	49.6	06/24/20 11:40	
SM 5310C	Total Organic Carbon	2.6	mg/L	0.50	06/18/20 20:41	
40209608009	**MW-2**					
EPA 8015B Modified	Ethane	2.0J	ug/L	5.6	06/18/20 13:08	
EPA 8015B Modified	Ethene	1.2J	ug/L	5.0	06/18/20 13:08	
EPA 8015B Modified	Methane	1680	ug/L	70.0	06/18/20 14:16	
EPA 6010	Iron, Dissolved	16200	ug/L	100	06/18/20 22:41	
EPA 8260	1,1-Dichloroethene	20.7J	ug/L	25.0	06/19/20 12:12	
EPA 8260	Vinyl chloride	42.0	ug/L	25.0	06/19/20 12:12	
EPA 8260	cis-1,2-Dichloroethene	3400	ug/L	25.0	06/19/20 12:12	
EPA 300.0	Sulfate	3.8J	mg/L	10.0	06/18/20 19:19	D3
EPA 310.2	Alkalinity, Total as CaCO3	684	mg/L	124	06/24/20 11:41	
SM 5310C	Total Organic Carbon	158	mg/L	15.0	06/18/20 20:55	
40209608010	**MW-1R**					
EPA 8260	1,1,1-Trichloroethane	3.9	ug/L	1.0	06/19/20 14:20	
EPA 8260	1,1-Dichloroethane	9.8	ug/L	1.0	06/19/20 14:20	
EPA 8260	Trichloroethene	0.55J	ug/L	1.0	06/19/20 14:20	
EPA 8260	cis-1,2-Dichloroethene	0.31J	ug/L	1.0	06/19/20 14:20	
EPA 300.0	Sulfate	307	mg/L	40.0	06/18/20 19:33	
EPA 310.2	Alkalinity, Total as CaCO3	263	mg/L	24.8	06/24/20 11:45	
SM 5310C	Total Organic Carbon	3.9	mg/L	0.50	06/18/20 21:09	
40209608011	**MW-39**					
EPA 8015B Modified	Methane	17.4	ug/L	2.8	06/19/20 10:04	
EPA 6010	Iron, Dissolved	206	ug/L	100	06/18/20 22:46	
EPA 8260	1,1,1-Trichloroethane	59.0	ug/L	10.0	06/19/20 12:33	
EPA 8260	1,1-Dichloroethane	49.3	ug/L	10.0	06/19/20 12:33	
EPA 8260	1,1-Dichloroethene	47.5	ug/L	10.0	06/19/20 12:33	
EPA 8260	Trichloroethene	1380	ug/L	10.0	06/19/20 12:33	
EPA 8260	Vinyl chloride	4.8J	ug/L	10.0	06/19/20 12:33	
EPA 8260	cis-1,2-Dichloroethene	533	ug/L	10.0	06/19/20 12:33	
EPA 8260	trans-1,2-Dichloroethene	89.5	ug/L	15.5	06/19/20 12:33	
EPA 300.0	Nitrate as N	0.20	mg/L	0.15	06/17/20 03:09	
EPA 300.0	Sulfate	49.6	mg/L	2.0	06/17/20 03:09	
EPA 310.2	Alkalinity, Total as CaCO3	279	mg/L	24.8	06/24/20 11:46	
SM 5310C	Total Organic Carbon	1.9	mg/L	0.50	06/18/20 21:24	
40209608012	**MW-42**					
EPA 8015B Modified	Methane	1700	ug/L	28.0	06/19/20 13:24	
EPA 6010	Iron, Dissolved	27500	ug/L	100	06/18/20 22:48	
EPA 8260	1,1,1-Trichloroethane	5.2	ug/L	5.0	06/19/20 12:54	
EPA 8260	1,1-Dichloroethane	4.3J	ug/L	5.0	06/19/20 12:54	
EPA 8260	1,1-Dichloroethene	15.3	ug/L	5.0	06/19/20 12:54	

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SUMMARY OF DETECTION

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40209608012	**MW-42**					
EPA 8260	Trichloroethene	2150	ug/L	50.0	06/22/20 10:47	
EPA 8260	Vinyl chloride	1.2J	ug/L	5.0	06/19/20 12:54	
EPA 8260	cis-1,2-Dichloroethene	1760	ug/L	50.0	06/22/20 10:47	
EPA 300.0	Sulfate	19.6	mg/L	10.0	06/18/20 19:48	
EPA 310.2	Alkalinity, Total as CaCO3	434	mg/L	49.6	06/24/20 11:47	
SM 5310C	Total Organic Carbon	93.5	mg/L	15.0	06/18/20 21:38	
40209608013	**MW-18R**					
EPA 8015B Modified	Ethane	2.1J	ug/L	5.6	06/19/20 10:18	
EPA 8015B Modified	Ethene	1.7J	ug/L	5.0	06/19/20 10:18	
EPA 8015B Modified	Methane	1460	ug/L	28.0	06/19/20 13:31	
EPA 8260	1,1-Dichloroethene	10.3J	ug/L	20.0	06/19/20 13:16	
EPA 8260	Trichloroethene	3910	ug/L	20.0	06/19/20 13:16	
EPA 8260	Vinyl chloride	30.7	ug/L	20.0	06/19/20 13:16	
EPA 8260	cis-1,2-Dichloroethene	1950	ug/L	20.0	06/19/20 13:16	
EPA 8260	trans-1,2-Dichloroethene	22.9J	ug/L	30.9	06/19/20 13:16	
EPA 300.0	Sulfate	73.5	mg/L	10.0	06/18/20 20:45	
EPA 310.2	Alkalinity, Total as CaCO3	317	mg/L	24.8	06/24/20 11:48	
SM 5310C	Total Organic Carbon	2.1	mg/L	0.50	06/18/20 22:12	
40209608014	**MW-41**					
EPA 8260	1,1,1-Trichloroethane	1.6	ug/L	1.0	06/19/20 17:27	
EPA 8260	1,1-Dichloroethane	0.41J	ug/L	1.0	06/19/20 17:27	
EPA 8260	Tetrachloroethene	1.2	ug/L	1.1	06/19/20 17:27	
EPA 8260	Trichloroethene	60.5	ug/L	1.0	06/19/20 17:27	
EPA 8260	cis-1,2-Dichloroethene	7.8	ug/L	1.0	06/19/20 17:27	
EPA 300.0	Sulfate	33.9	mg/L	10.0	06/18/20 21:00	
EPA 310.2	Alkalinity, Total as CaCO3	349	mg/L	24.8	06/24/20 11:49	
SM 5310C	Total Organic Carbon	3.8	mg/L	1.5	06/18/20 22:26	
40209608015	**MW-40**					
EPA 8015B Modified	Methane	4.0	ug/L	2.8	06/19/20 10:31	
EPA 8260	1,1,1-Trichloroethane	7890	ug/L	100	06/19/20 13:37	
EPA 8260	1,1-Dichloroethane	262	ug/L	100	06/19/20 13:37	
EPA 8260	1,1-Dichloroethene	157	ug/L	100	06/19/20 13:37	
EPA 8260	Trichloroethene	172	ug/L	100	06/19/20 13:37	
EPA 8260	cis-1,2-Dichloroethene	586	ug/L	100	06/19/20 13:37	
EPA 300.0	Sulfate	68.4	mg/L	10.0	06/17/20 03:36	
EPA 310.2	Alkalinity, Total as CaCO3	408	mg/L	24.8	06/24/20 11:50	
SM 5310C	Total Organic Carbon	2.5	mg/L	0.50	06/18/20 22:40	
40209608016	**RW-8**					
EPA 8260	1,1,1-Trichloroethane	228	ug/L	2.5	06/22/20 14:00	
EPA 8260	1,1-Dichloroethane	17.6	ug/L	2.5	06/22/20 14:00	
EPA 8260	1,1-Dichloroethene	7.4	ug/L	2.5	06/22/20 14:00	
EPA 8260	Tetrachloroethene	0.82J	ug/L	2.7	06/22/20 14:00	
EPA 8260	Trichloroethene	37.0	ug/L	2.5	06/22/20 14:00	
EPA 8260	Vinyl chloride	10.0	ug/L	2.5	06/22/20 14:00	
EPA 8260	cis-1,2-Dichloroethene	187	ug/L	2.5	06/22/20 14:00	

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SUMMARY OF DETECTION

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40209608017	**DUP-1**					
EPA 8260	Tetrachloroethene	0.79J	ug/L	1.1	06/19/20 16:44	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-11 **Lab ID: 40209608001** Collected: 06/15/20 10:00 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/18/20 19:50	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/18/20 19:50	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/18/20 19:50	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/18/20 19:50	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		06/18/20 19:50	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/18/20 19:50	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/18/20 19:50	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/18/20 19:50	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/18/20 19:50	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/18/20 19:50	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/18/20 19:50	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/18/20 19:50	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/18/20 19:50	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/18/20 19:50	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/18/20 19:50	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/18/20 19:50	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/18/20 19:50	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/18/20 19:50	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/18/20 19:50	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/18/20 19:50	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/18/20 19:50	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/18/20 19:50	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/18/20 19:50	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/18/20 19:50	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/18/20 19:50	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/18/20 19:50	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/18/20 19:50	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/18/20 19:50	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/18/20 19:50	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/18/20 19:50	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/18/20 19:50	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/18/20 19:50	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/18/20 19:50	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/18/20 19:50	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/18/20 19:50	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/18/20 19:50	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/18/20 19:50	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/18/20 19:50	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/18/20 19:50	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/18/20 19:50	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/18/20 19:50	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/18/20 19:50	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/18/20 19:50	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/18/20 19:50	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/18/20 19:50	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-11 **Lab ID: 40209608001** Collected: 06/15/20 10:00 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Tetrachloroethene	**0.85J**	ug/L	1.1	0.33	1		06/18/20 19:50	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/18/20 19:50	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/18/20 19:50	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/18/20 19:50	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/18/20 19:50	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		06/18/20 19:50	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/18/20 19:50	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/18/20 19:50	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/18/20 19:50	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/18/20 19:50	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/18/20 19:50	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/18/20 19:50	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/18/20 19:50	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/18/20 19:50	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/18/20 19:50	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/18/20 19:50	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	83	%	70-130		1		06/18/20 19:50	460-00-4	
Dibromofluoromethane (S)	83	%	70-130		1		06/18/20 19:50	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		06/18/20 19:50	2037-26-5	

Sample: MW-21 **Lab ID: 40209608002** Collected: 06/15/20 10:47 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/18/20 20:12	630-20-6	
1,1,1-Trichloroethane	**0.69J**	ug/L	1.0	0.24	1		06/18/20 20:12	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/18/20 20:12	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/18/20 20:12	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		06/18/20 20:12	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/18/20 20:12	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/18/20 20:12	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/18/20 20:12	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/18/20 20:12	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/18/20 20:12	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/18/20 20:12	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/18/20 20:12	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/18/20 20:12	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/18/20 20:12	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/18/20 20:12	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/18/20 20:12	78-87-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-21 **Lab ID: 40209608002** Collected: 06/15/20 10:47 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/18/20 20:12	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/18/20 20:12	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/18/20 20:12	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/18/20 20:12	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/18/20 20:12	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/18/20 20:12	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/18/20 20:12	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/18/20 20:12	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/18/20 20:12	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/18/20 20:12	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/18/20 20:12	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/18/20 20:12	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/18/20 20:12	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/18/20 20:12	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/18/20 20:12	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/18/20 20:12	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/18/20 20:12	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/18/20 20:12	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/18/20 20:12	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/18/20 20:12	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/18/20 20:12	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/18/20 20:12	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/18/20 20:12	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/18/20 20:12	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/18/20 20:12	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/18/20 20:12	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/18/20 20:12	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/18/20 20:12	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/18/20 20:12	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/18/20 20:12	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/18/20 20:12	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/18/20 20:12	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/18/20 20:12	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/18/20 20:12	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		06/18/20 20:12	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/18/20 20:12	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/18/20 20:12	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/18/20 20:12	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/18/20 20:12	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/18/20 20:12	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/18/20 20:12	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/18/20 20:12	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/18/20 20:12	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/18/20 20:12	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/18/20 20:12	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-21 **Lab ID: 40209608002** Collected: 06/15/20 10:47 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
4-Bromofluorobenzene (S)	83	%	70-130		1		06/18/20 20:12	460-00-4	
Dibromofluoromethane (S)	84	%	70-130		1		06/18/20 20:12	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		06/18/20 20:12	2037-26-5	

Sample: MW-38 **Lab ID: 40209608003** Collected: 06/15/20 11:27 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<1.2**	ug/L	5.6	1.2	1		06/18/20 12:34	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		06/18/20 12:34	74-85-1	
Methane	**<0.66**	ug/L	2.8	0.66	1		06/18/20 12:34	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Pace Analytical Services - Green Bay								
Iron, Dissolved	**<29.6**	ug/L	100	29.6	1		06/18/20 22:20	7439-89-6	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/18/20 20:34	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/18/20 20:34	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/18/20 20:34	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/18/20 20:34	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		06/18/20 20:34	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/18/20 20:34	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/18/20 20:34	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/18/20 20:34	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/18/20 20:34	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/18/20 20:34	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/18/20 20:34	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/18/20 20:34	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/18/20 20:34	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/18/20 20:34	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/18/20 20:34	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/18/20 20:34	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/18/20 20:34	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/18/20 20:34	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/18/20 20:34	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/18/20 20:34	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/18/20 20:34	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/18/20 20:34	95-49-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-38 **Lab ID: 40209608003** Collected: 06/15/20 11:27 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/18/20 20:34	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/18/20 20:34	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/18/20 20:34	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/18/20 20:34	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/18/20 20:34	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/18/20 20:34	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/18/20 20:34	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/18/20 20:34	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/18/20 20:34	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/18/20 20:34	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/18/20 20:34	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/18/20 20:34	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/18/20 20:34	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/18/20 20:34	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/18/20 20:34	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/18/20 20:34	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/18/20 20:34	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/18/20 20:34	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/18/20 20:34	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/18/20 20:34	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/18/20 20:34	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/18/20 20:34	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/18/20 20:34	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/18/20 20:34	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/18/20 20:34	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/18/20 20:34	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/18/20 20:34	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/18/20 20:34	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		06/18/20 20:34	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/18/20 20:34	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/18/20 20:34	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/18/20 20:34	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/18/20 20:34	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/18/20 20:34	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/18/20 20:34	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/18/20 20:34	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/18/20 20:34	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/18/20 20:34	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/18/20 20:34	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	80	%	70-130		1		06/18/20 20:34	460-00-4	
Dibromofluoromethane (S)	77	%	70-130		1		06/18/20 20:34	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		06/18/20 20:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-38 **Lab ID: 40209608003** Collected: 06/15/20 11:27 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**126**	mg/L	10.0	2.2	5		06/18/20 18:50	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**255**	mg/L	24.8	7.4	1		06/24/20 11:33		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**1.5**	mg/L	0.50	0.14	1		06/18/20 18:21	7440-44-0	

Sample: MW-17R **Lab ID: 40209608004** Collected: 06/15/20 12:05 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<1.2**	ug/L	5.6	1.2	1		06/18/20 12:41	74-84-0	
Ethene	**1.6J**	ug/L	5.0	1.2	1		06/18/20 12:41	74-85-1	
Methane	**88.7**	ug/L	2.8	0.66	1		06/18/20 12:41	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Pace Analytical Services - Green Bay								
Iron, Dissolved	**<29.6**	ug/L	100	29.6	1		06/18/20 22:27	7439-89-6	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<1.3**	ug/L	5.0	1.3	5		06/19/20 08:53	630-20-6	
1,1,1-Trichloroethane	**<1.2**	ug/L	5.0	1.2	5		06/19/20 08:53	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.4**	ug/L	5.0	1.4	5		06/19/20 08:53	79-34-5	
1,1,2-Trichloroethane	**<2.8**	ug/L	25.0	2.8	5		06/19/20 08:53	79-00-5	
1,1-Dichloroethane	**<1.4**	ug/L	5.0	1.4	5		06/19/20 08:53	75-34-3	
1,1-Dichloroethene	**<1.2**	ug/L	5.0	1.2	5		06/19/20 08:53	75-35-4	
1,1-Dichloropropene	**<2.7**	ug/L	9.0	2.7	5		06/19/20 08:53	563-58-6	
1,2,3-Trichlorobenzene	**<11.1**	ug/L	36.8	11.1	5		06/19/20 08:53	87-61-6	
1,2,3-Trichloropropane	**<3.0**	ug/L	25.0	3.0	5		06/19/20 08:53	96-18-4	
1,2,4-Trichlorobenzene	**<4.8**	ug/L	25.0	4.8	5		06/19/20 08:53	120-82-1	
1,2,4-Trimethylbenzene	**<4.2**	ug/L	14.0	4.2	5		06/19/20 08:53	95-63-6	
1,2-Dibromo-3-chloropropane	**<8.8**	ug/L	29.4	8.8	5		06/19/20 08:53	96-12-8	
1,2-Dibromoethane (EDB)	**<4.1**	ug/L	13.8	4.1	5		06/19/20 08:53	106-93-4	
1,2-Dichlorobenzene	**<3.5**	ug/L	11.8	3.5	5		06/19/20 08:53	95-50-1	
1,2-Dichloroethane	**<1.4**	ug/L	5.0	1.4	5		06/19/20 08:53	107-06-2	
1,2-Dichloropropane	**<1.4**	ug/L	5.0	1.4	5		06/19/20 08:53	78-87-5	
1,3,5-Trimethylbenzene	**<4.4**	ug/L	14.6	4.4	5		06/19/20 08:53	108-67-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-17R **Lab ID: 40209608004** Collected: 06/15/20 12:05 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,3-Dichlorobenzene	**<3.1**	ug/L	10.5	3.1	5		06/19/20 08:53	541-73-1	
1,3-Dichloropropane	**<4.1**	ug/L	13.8	4.1	5		06/19/20 08:53	142-28-9	
1,4-Dichlorobenzene	**<4.7**	ug/L	15.7	4.7	5		06/19/20 08:53	106-46-7	
2,2-Dichloropropane	**<11.3**	ug/L	37.8	11.3	5		06/19/20 08:53	594-20-7	
2-Chlorotoluene	**<4.6**	ug/L	25.0	4.6	5		06/19/20 08:53	95-49-8	
4-Chlorotoluene	**<3.8**	ug/L	12.6	3.8	5		06/19/20 08:53	106-43-4	
Benzene	**<1.2**	ug/L	5.0	1.2	5		06/19/20 08:53	71-43-2	
Bromobenzene	**<1.2**	ug/L	5.0	1.2	5		06/19/20 08:53	108-86-1	
Bromochloromethane	**<1.8**	ug/L	25.0	1.8	5		06/19/20 08:53	74-97-5	
Bromodichloromethane	**<1.8**	ug/L	6.1	1.8	5		06/19/20 08:53	75-27-4	
Bromoform	**<19.9**	ug/L	66.2	19.9	5		06/19/20 08:53	75-25-2	
Bromomethane	**<4.9**	ug/L	25.0	4.9	5		06/19/20 08:53	74-83-9	
Carbon tetrachloride	**<5.4**	ug/L	17.9	5.4	5		06/19/20 08:53	56-23-5	
Chlorobenzene	**<3.6**	ug/L	11.8	3.6	5		06/19/20 08:53	108-90-7	
Chloroethane	**<6.7**	ug/L	25.0	6.7	5		06/19/20 08:53	75-00-3	
Chloroform	**<6.4**	ug/L	25.0	6.4	5		06/19/20 08:53	67-66-3	
Chloromethane	**<10.9**	ug/L	36.5	10.9	5		06/19/20 08:53	74-87-3	
Dibromochloromethane	**<13.0**	ug/L	43.4	13.0	5		06/19/20 08:53	124-48-1	
Dibromomethane	**<4.7**	ug/L	15.6	4.7	5		06/19/20 08:53	74-95-3	
Dichlorodifluoromethane	**<2.5**	ug/L	25.0	2.5	5		06/19/20 08:53	75-71-8	
Diisopropyl ether	**<9.4**	ug/L	31.5	9.4	5		06/19/20 08:53	108-20-3	
Ethylbenzene	**<1.6**	ug/L	5.3	1.6	5		06/19/20 08:53	100-41-4	
Hexachloro-1,3-butadiene	**<7.3**	ug/L	24.4	7.3	5		06/19/20 08:53	87-68-3	
Isopropylbenzene (Cumene)	**<8.4**	ug/L	28.1	8.4	5		06/19/20 08:53	98-82-8	
Methyl-tert-butyl ether	**<6.2**	ug/L	20.8	6.2	5		06/19/20 08:53	1634-04-4	
Methylene Chloride	**<2.9**	ug/L	25.0	2.9	5		06/19/20 08:53	75-09-2	
Naphthalene	**<5.9**	ug/L	25.0	5.9	5		06/19/20 08:53	91-20-3	
Styrene	**<15.0**	ug/L	50.2	15.0	5		06/19/20 08:53	100-42-5	
Tetrachloroethene	**2.2J**	ug/L	5.4	1.6	5		06/19/20 08:53	127-18-4	
Toluene	**<1.3**	ug/L	4.5	1.3	5		06/19/20 08:53	108-88-3	
Trichloroethene	**376**	ug/L	5.0	1.3	5		06/19/20 08:53	79-01-6	
Trichlorofluoromethane	**<1.1**	ug/L	5.0	1.1	5		06/19/20 08:53	75-69-4	
Vinyl chloride	**10.2**	ug/L	5.0	0.87	5		06/19/20 08:53	75-01-4	
cis-1,2-Dichloroethene	**150**	ug/L	5.0	1.4	5		06/19/20 08:53	156-59-2	
cis-1,3-Dichloropropene	**<18.1**	ug/L	60.5	18.1	5		06/19/20 08:53	10061-01-5	
m&p-Xylene	**<2.3**	ug/L	10.0	2.3	5		06/19/20 08:53	179601-23-1	
n-Butylbenzene	**<3.5**	ug/L	11.8	3.5	5		06/19/20 08:53	104-51-8	
n-Propylbenzene	**<4.1**	ug/L	25.0	4.1	5		06/19/20 08:53	103-65-1	
o-Xylene	**<1.3**	ug/L	5.0	1.3	5		06/19/20 08:53	95-47-6	
p-Isopropyltoluene	**<4.0**	ug/L	13.3	4.0	5		06/19/20 08:53	99-87-6	
sec-Butylbenzene	**<4.2**	ug/L	25.0	4.2	5		06/19/20 08:53	135-98-8	
tert-Butylbenzene	**<1.5**	ug/L	5.1	1.5	5		06/19/20 08:53	98-06-6	
trans-1,2-Dichloroethene	**9.3**	ug/L	7.7	2.3	5		06/19/20 08:53	156-60-5	
trans-1,3-Dichloropropene	**<21.9**	ug/L	72.8	21.9	5		06/19/20 08:53	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-17R **Lab ID: 40209608004** Collected: 06/15/20 12:05 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
4-Bromofluorobenzene (S)	85	%	70-130		5		06/19/20 08:53	460-00-4	
Dibromofluoromethane (S)	80	%	70-130		5		06/19/20 08:53	1868-53-7	
Toluene-d8 (S)	95	%	70-130		5		06/19/20 08:53	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Nitrate as N	**<0.044**	mg/L	0.15	0.044	1		06/17/20 00:44	14797-55-8	M0
Sulfate	**94.1**	mg/L	10.0	2.2	5		06/17/20 02:03	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**196**	mg/L	24.8	7.4	1		06/24/20 11:34		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**9.2**	mg/L	3.0	0.83	6		06/18/20 19:27	7440-44-0	

Sample: MW-37R **Lab ID: 40209608005** Collected: 06/15/20 12:49 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<1.2**	ug/L	5.6	1.2	1		06/18/20 12:48	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		06/18/20 12:48	74-85-1	
Methane	**<0.66**	ug/L	2.8	0.66	1		06/18/20 12:48	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Pace Analytical Services - Green Bay								
Iron, Dissolved	**<29.6**	ug/L	100	29.6	1		06/18/20 22:29	7439-89-6	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/18/20 20:56	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/18/20 20:56	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/18/20 20:56	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/18/20 20:56	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		06/18/20 20:56	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/18/20 20:56	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/18/20 20:56	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/18/20 20:56	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/18/20 20:56	96-18-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-37R **Lab ID: 40209608005** Collected: 06/15/20 12:49 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/18/20 20:56	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/18/20 20:56	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/18/20 20:56	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/18/20 20:56	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/18/20 20:56	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/18/20 20:56	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/18/20 20:56	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/18/20 20:56	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/18/20 20:56	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/18/20 20:56	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/18/20 20:56	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/18/20 20:56	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/18/20 20:56	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/18/20 20:56	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/18/20 20:56	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/18/20 20:56	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/18/20 20:56	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/18/20 20:56	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/18/20 20:56	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/18/20 20:56	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/18/20 20:56	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/18/20 20:56	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/18/20 20:56	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/18/20 20:56	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/18/20 20:56	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/18/20 20:56	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/18/20 20:56	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/18/20 20:56	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/18/20 20:56	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/18/20 20:56	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/18/20 20:56	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/18/20 20:56	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/18/20 20:56	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/18/20 20:56	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/18/20 20:56	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/18/20 20:56	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/18/20 20:56	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/18/20 20:56	108-88-3	
Trichloroethene	**1.6**	ug/L	1.0	0.26	1		06/18/20 20:56	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/18/20 20:56	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/18/20 20:56	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		06/18/20 20:56	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/18/20 20:56	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/18/20 20:56	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/18/20 20:56	104-51-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-37R **Lab ID: 40209608005** Collected: 06/15/20 12:49 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/18/20 20:56	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/18/20 20:56	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/18/20 20:56	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/18/20 20:56	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/18/20 20:56	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/18/20 20:56	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/18/20 20:56	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	81	%	70-130		1		06/18/20 20:56	460-00-4	
Dibromofluoromethane (S)	73	%	70-130		1		06/18/20 20:56	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		06/18/20 20:56	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Nitrate as N	**<0.044**	mg/L	0.15	0.044	1		06/17/20 02:43	14797-55-8	
Sulfate	**11.6**	mg/L	2.0	0.44	1		06/17/20 02:43	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2								
	Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**176**	mg/L	24.8	7.4	1		06/24/20 11:35		
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**1.4**	mg/L	0.50	0.14	1		06/18/20 20:12	7440-44-0	

Sample: MW-4A **Lab ID: 40209608006** Collected: 06/15/20 14:17 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/18/20 21:18	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/18/20 21:18	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/18/20 21:18	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/18/20 21:18	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		06/18/20 21:18	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/18/20 21:18	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/18/20 21:18	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/18/20 21:18	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/18/20 21:18	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/18/20 21:18	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/18/20 21:18	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/18/20 21:18	96-12-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-4A **Lab ID: 40209608006** Collected: 06/15/20 14:17 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/18/20 21:18	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/18/20 21:18	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/18/20 21:18	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/18/20 21:18	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/18/20 21:18	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/18/20 21:18	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/18/20 21:18	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/18/20 21:18	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/18/20 21:18	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/18/20 21:18	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/18/20 21:18	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/18/20 21:18	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/18/20 21:18	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/18/20 21:18	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/18/20 21:18	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/18/20 21:18	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/18/20 21:18	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/18/20 21:18	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/18/20 21:18	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/18/20 21:18	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/18/20 21:18	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/18/20 21:18	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/18/20 21:18	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/18/20 21:18	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/18/20 21:18	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/18/20 21:18	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/18/20 21:18	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/18/20 21:18	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/18/20 21:18	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/18/20 21:18	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/18/20 21:18	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/18/20 21:18	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/18/20 21:18	100-42-5	
Tetrachloroethene	**4.0**	ug/L	1.1	0.33	1		06/18/20 21:18	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/18/20 21:18	108-88-3	
Trichloroethene	**1.0**	ug/L	1.0	0.26	1		06/18/20 21:18	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/18/20 21:18	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/18/20 21:18	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		06/18/20 21:18	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/18/20 21:18	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/18/20 21:18	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/18/20 21:18	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/18/20 21:18	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/18/20 21:18	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/18/20 21:18	99-87-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-4A **Lab ID: 40209608006** Collected: 06/15/20 14:17 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/18/20 21:18	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/18/20 21:18	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/18/20 21:18	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/18/20 21:18	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	82	%	70-130		1		06/18/20 21:18	460-00-4	
Dibromofluoromethane (S)	85	%	70-130		1		06/18/20 21:18	1868-53-7	
Toluene-d8 (S)	90	%	70-130		1		06/18/20 21:18	2037-26-5	

Sample: MW-4 **Lab ID: 40209608007** Collected: 06/15/20 14:44 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
	Pace Analytical Services - Green Bay								
Ethane	**<1.2**	ug/L	5.6	1.2	1		06/18/20 12:54	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		06/18/20 12:54	74-85-1	
Methane	**7.4**	ug/L	2.8	0.66	1		06/18/20 12:54	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
	Pace Analytical Services - Green Bay								
Iron, Dissolved	**371**	ug/L	100	29.6	1		06/18/20 22:32	7439-89-6	
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/19/20 08:31	630-20-6	
1,1,1-Trichloroethane	**2.5**	ug/L	1.0	0.24	1		06/19/20 08:31	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 08:31	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/19/20 08:31	79-00-5	
1,1-Dichloroethane	**0.56J**	ug/L	1.0	0.27	1		06/19/20 08:31	75-34-3	
1,1-Dichloroethene	**0.42J**	ug/L	1.0	0.24	1		06/19/20 08:31	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/19/20 08:31	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/19/20 08:31	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/19/20 08:31	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/19/20 08:31	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/19/20 08:31	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/19/20 08:31	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/19/20 08:31	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 08:31	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 08:31	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 08:31	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/19/20 08:31	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/19/20 08:31	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-4 **Lab ID: 40209608007** Collected: 06/15/20 14:44 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/19/20 08:31	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/19/20 08:31	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/19/20 08:31	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/19/20 08:31	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/19/20 08:31	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/19/20 08:31	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 08:31	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/19/20 08:31	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/19/20 08:31	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/19/20 08:31	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/19/20 08:31	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/19/20 08:31	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 08:31	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/19/20 08:31	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/19/20 08:31	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/19/20 08:31	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/19/20 08:31	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/19/20 08:31	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/19/20 08:31	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/19/20 08:31	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/19/20 08:31	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/19/20 08:31	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/19/20 08:31	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/19/20 08:31	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/19/20 08:31	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/19/20 08:31	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/19/20 08:31	100-42-5	
Tetrachloroethene	**2.3**	ug/L	1.1	0.33	1		06/19/20 08:31	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/19/20 08:31	108-88-3	
Trichloroethene	**78.6**	ug/L	1.0	0.26	1		06/19/20 08:31	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/19/20 08:31	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/19/20 08:31	75-01-4	
cis-1,2-Dichloroethene	**99.0**	ug/L	1.0	0.27	1		06/19/20 08:31	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/19/20 08:31	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/19/20 08:31	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 08:31	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/19/20 08:31	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 08:31	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/19/20 08:31	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/19/20 08:31	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/19/20 08:31	98-06-6	
trans-1,2-Dichloroethene	**0.54J**	ug/L	1.5	0.46	1		06/19/20 08:31	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/19/20 08:31	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	83	%	70-130		1		06/19/20 08:31	460-00-4	

REPORT OF LABORATORY ANALYSIS

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

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-4 **Lab ID: 40209608007** Collected: 06/15/20 14:44 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
Dibromofluoromethane (S)	73	%	70-130		1		06/19/20 08:31	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		06/19/20 08:31	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**32.9**	mg/L	10.0	2.2	5		06/18/20 19:05	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**365**	mg/L	24.8	7.4	1		06/24/20 11:36		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**9.6**	mg/L	1.5	0.42	3		06/18/20 20:26	7440-44-0	

Sample: MW-16 **Lab ID: 40209608008** Collected: 06/15/20 15:27 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<1.2**	ug/L	5.6	1.2	1		06/18/20 13:01	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		06/18/20 13:01	74-85-1	
Methane	**34.1**	ug/L	2.8	0.66	1		06/18/20 13:01	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Pace Analytical Services - Green Bay								
Iron, Dissolved	**1220**	ug/L	100	29.6	1		06/18/20 22:34	7439-89-6	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<5.4**	ug/L	20.0	5.4	20		06/19/20 11:50	630-20-6	
1,1,1-Trichloroethane	**969**	ug/L	20.0	4.9	20		06/19/20 11:50	71-55-6	
1,1,2,2-Tetrachloroethane	**<5.5**	ug/L	20.0	5.5	20		06/19/20 11:50	79-34-5	
1,1,2-Trichloroethane	**<11.0**	ug/L	100	11.0	20		06/19/20 11:50	79-00-5	
1,1-Dichloroethane	**374**	ug/L	20.0	5.5	20		06/19/20 11:50	75-34-3	
1,1-Dichloroethene	**<4.9**	ug/L	20.0	4.9	20		06/19/20 11:50	75-35-4	
1,1-Dichloropropene	**<10.8**	ug/L	36.0	10.8	20		06/19/20 11:50	563-58-6	
1,2,3-Trichlorobenzene	**<44.2**	ug/L	147	44.2	20		06/19/20 11:50	87-61-6	
1,2,3-Trichloropropane	**<11.8**	ug/L	100	11.8	20		06/19/20 11:50	96-18-4	
1,2,4-Trichlorobenzene	**<19.0**	ug/L	100	19.0	20		06/19/20 11:50	120-82-1	
1,2,4-Trimethylbenzene	**<16.8**	ug/L	56.0	16.8	20		06/19/20 11:50	95-63-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-16 **Lab ID: 40209608008** Collected: 06/15/20 15:27 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dibromo-3-chloropropane	**<35.3**	ug/L	118	35.3	20		06/19/20 11:50	96-12-8	
1,2-Dibromoethane (EDB)	**<16.6**	ug/L	55.3	16.6	20		06/19/20 11:50	106-93-4	
1,2-Dichlorobenzene	**<14.1**	ug/L	47.0	14.1	20		06/19/20 11:50	95-50-1	
1,2-Dichloroethane	**<5.6**	ug/L	20.0	5.6	20		06/19/20 11:50	107-06-2	
1,2-Dichloropropane	**<5.7**	ug/L	20.0	5.7	20		06/19/20 11:50	78-87-5	
1,3,5-Trimethylbenzene	**<17.5**	ug/L	58.2	17.5	20		06/19/20 11:50	108-67-8	
1,3-Dichlorobenzene	**<12.6**	ug/L	41.9	12.6	20		06/19/20 11:50	541-73-1	
1,3-Dichloropropane	**<16.5**	ug/L	55.1	16.5	20		06/19/20 11:50	142-28-9	
1,4-Dichlorobenzene	**<18.9**	ug/L	62.9	18.9	20		06/19/20 11:50	106-46-7	
2,2-Dichloropropane	**<45.3**	ug/L	151	45.3	20		06/19/20 11:50	594-20-7	
2-Chlorotoluene	**<18.5**	ug/L	100	18.5	20		06/19/20 11:50	95-49-8	
4-Chlorotoluene	**<15.1**	ug/L	50.4	15.1	20		06/19/20 11:50	106-43-4	
Benzene	**<4.9**	ug/L	20.0	4.9	20		06/19/20 11:50	71-43-2	
Bromobenzene	**<4.8**	ug/L	20.0	4.8	20		06/19/20 11:50	108-86-1	
Bromochloromethane	**<7.2**	ug/L	100	7.2	20		06/19/20 11:50	74-97-5	
Bromodichloromethane	**<7.3**	ug/L	24.2	7.3	20		06/19/20 11:50	75-27-4	
Bromoform	**<79.4**	ug/L	265	79.4	20		06/19/20 11:50	75-25-2	
Bromomethane	**<19.4**	ug/L	100	19.4	20		06/19/20 11:50	74-83-9	
Carbon tetrachloride	**<21.5**	ug/L	71.8	21.5	20		06/19/20 11:50	56-23-5	
Chlorobenzene	**<14.2**	ug/L	47.4	14.2	20		06/19/20 11:50	108-90-7	
Chloroethane	**<26.8**	ug/L	100	26.8	20		06/19/20 11:50	75-00-3	
Chloroform	**<25.5**	ug/L	100	25.5	20		06/19/20 11:50	67-66-3	
Chloromethane	**<43.8**	ug/L	146	43.8	20		06/19/20 11:50	74-87-3	
Dibromochloromethane	**<52.0**	ug/L	173	52.0	20		06/19/20 11:50	124-48-1	
Dibromomethane	**<18.7**	ug/L	62.5	18.7	20		06/19/20 11:50	74-95-3	
Dichlorodifluoromethane	**<10**	ug/L	100	10	20		06/19/20 11:50	75-71-8	
Diisopropyl ether	**<37.8**	ug/L	126	37.8	20		06/19/20 11:50	108-20-3	
Ethylbenzene	**<6.4**	ug/L	21.2	6.4	20		06/19/20 11:50	100-41-4	
Hexachloro-1,3-butadiene	**<29.3**	ug/L	97.6	29.3	20		06/19/20 11:50	87-68-3	
Isopropylbenzene (Cumene)	**<33.7**	ug/L	112	33.7	20		06/19/20 11:50	98-82-8	
Methyl-tert-butyl ether	**<24.9**	ug/L	83.1	24.9	20		06/19/20 11:50	1634-04-4	
Methylene Chloride	**<11.6**	ug/L	100	11.6	20		06/19/20 11:50	75-09-2	
Naphthalene	**<23.5**	ug/L	100	23.5	20		06/19/20 11:50	91-20-3	
Styrene	**<60.2**	ug/L	201	60.2	20		06/19/20 11:50	100-42-5	
Tetrachloroethene	**<6.5**	ug/L	21.8	6.5	20		06/19/20 11:50	127-18-4	
Toluene	**<5.4**	ug/L	18.0	5.4	20		06/19/20 11:50	108-88-3	
Trichloroethene	**<5.1**	ug/L	20.0	5.1	20		06/19/20 11:50	79-01-6	
Trichlorofluoromethane	**<4.3**	ug/L	20.0	4.3	20		06/19/20 11:50	75-69-4	
Vinyl chloride	**7.2J**	ug/L	20.0	3.5	20		06/19/20 11:50	75-01-4	
cis-1,2-Dichloroethene	**91.8**	ug/L	20.0	5.4	20		06/19/20 11:50	156-59-2	
cis-1,3-Dichloropropene	**<72.6**	ug/L	242	72.6	20		06/19/20 11:50	10061-01-5	
m&p-Xylene	**<9.3**	ug/L	40.0	9.3	20		06/19/20 11:50	179601-23-1	
n-Butylbenzene	**<14.2**	ug/L	47.2	14.2	20		06/19/20 11:50	104-51-8	
n-Propylbenzene	**<16.2**	ug/L	100	16.2	20		06/19/20 11:50	103-65-1	
o-Xylene	**<5.2**	ug/L	20.0	5.2	20		06/19/20 11:50	95-47-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-16 **Lab ID: 40209608008** Collected: 06/15/20 15:27 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
p-Isopropyltoluene	**<16.0**	ug/L	53.3	16.0	20		06/19/20 11:50	99-87-6	
sec-Butylbenzene	**<17.0**	ug/L	100	17.0	20		06/19/20 11:50	135-98-8	
tert-Butylbenzene	**<6.1**	ug/L	20.3	6.1	20		06/19/20 11:50	98-06-6	
trans-1,2-Dichloroethene	**<9.3**	ug/L	30.9	9.3	20		06/19/20 11:50	156-60-5	
trans-1,3-Dichloropropene	**<87.4**	ug/L	291	87.4	20		06/19/20 11:50	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		20		06/19/20 11:50	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		20		06/19/20 11:50	1868-53-7	
Toluene-d8 (S)	96	%	70-130		20		06/19/20 11:50	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Nitrate as N	**<0.044**	mg/L	0.15	0.044	1		06/17/20 02:56	14797-55-8	
Sulfate	**31.7**	mg/L	2.0	0.44	1		06/17/20 02:56	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2								
	Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**434**	mg/L	49.6	14.9	2		06/24/20 11:40		
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**2.6**	mg/L	0.50	0.14	1		06/18/20 20:41	7440-44-0	

Sample: MW-2 **Lab ID: 40209608009** Collected: 06/15/20 10:05 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
	Pace Analytical Services - Green Bay								
Ethane	**2.0J**	ug/L	5.6	1.2	1		06/18/20 13:08	74-84-0	
Ethene	**1.2J**	ug/L	5.0	1.2	1		06/18/20 13:08	74-85-1	
Methane	**1680**	ug/L	70.0	16.6	25		06/18/20 14:16	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
	Pace Analytical Services - Green Bay								
Iron, Dissolved	**16200**	ug/L	100	29.6	1		06/18/20 22:41	7439-89-6	
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<6.7**	ug/L	25.0	6.7	25		06/19/20 12:12	630-20-6	
1,1,1-Trichloroethane	**<6.1**	ug/L	25.0	6.1	25		06/19/20 12:12	71-55-6	
1,1,2,2-Tetrachloroethane	**<6.9**	ug/L	25.0	6.9	25		06/19/20 12:12	79-34-5	
1,1,2-Trichloroethane	**<13.8**	ug/L	125	13.8	25		06/19/20 12:12	79-00-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-2 **Lab ID: 40209608009** Collected: 06/15/20 10:05 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1-Dichloroethane	**<6.8**	ug/L	25.0	6.8	25		06/19/20 12:12	75-34-3	
1,1-Dichloroethene	**20.7J**	ug/L	25.0	6.1	25		06/19/20 12:12	75-35-4	
1,1-Dichloropropene	**<13.5**	ug/L	45.0	13.5	25		06/19/20 12:12	563-58-6	
1,2,3-Trichlorobenzene	**<55.3**	ug/L	184	55.3	25		06/19/20 12:12	87-61-6	
1,2,3-Trichloropropane	**<14.8**	ug/L	125	14.8	25		06/19/20 12:12	96-18-4	
1,2,4-Trichlorobenzene	**<23.8**	ug/L	125	23.8	25		06/19/20 12:12	120-82-1	
1,2,4-Trimethylbenzene	**<21.0**	ug/L	70.0	21.0	25		06/19/20 12:12	95-63-6	
1,2-Dibromo-3-chloropropane	**<44.1**	ug/L	147	44.1	25		06/19/20 12:12	96-12-8	
1,2-Dibromoethane (EDB)	**<20.7**	ug/L	69.1	20.7	25		06/19/20 12:12	106-93-4	
1,2-Dichlorobenzene	**<17.6**	ug/L	58.8	17.6	25		06/19/20 12:12	95-50-1	
1,2-Dichloroethane	**<7.0**	ug/L	25.0	7.0	25		06/19/20 12:12	107-06-2	
1,2-Dichloropropane	**<7.1**	ug/L	25.0	7.1	25		06/19/20 12:12	78-87-5	
1,3,5-Trimethylbenzene	**<21.8**	ug/L	72.8	21.8	25		06/19/20 12:12	108-67-8	
1,3-Dichlorobenzene	**<15.7**	ug/L	52.3	15.7	25		06/19/20 12:12	541-73-1	
1,3-Dichloropropane	**<20.6**	ug/L	68.8	20.6	25		06/19/20 12:12	142-28-9	
1,4-Dichlorobenzene	**<23.6**	ug/L	78.6	23.6	25		06/19/20 12:12	106-46-7	
2,2-Dichloropropane	**<56.6**	ug/L	189	56.6	25		06/19/20 12:12	594-20-7	
2-Chlorotoluene	**<23.2**	ug/L	125	23.2	25		06/19/20 12:12	95-49-8	
4-Chlorotoluene	**<18.9**	ug/L	63.0	18.9	25		06/19/20 12:12	106-43-4	
Benzene	**<6.2**	ug/L	25.0	6.2	25		06/19/20 12:12	71-43-2	
Bromobenzene	**<6.0**	ug/L	25.0	6.0	25		06/19/20 12:12	108-86-1	
Bromochloromethane	**<9.1**	ug/L	125	9.1	25		06/19/20 12:12	74-97-5	
Bromodichloromethane	**<9.1**	ug/L	30.3	9.1	25		06/19/20 12:12	75-27-4	
Bromoform	**<99.3**	ug/L	331	99.3	25		06/19/20 12:12	75-25-2	
Bromomethane	**<24.3**	ug/L	125	24.3	25		06/19/20 12:12	74-83-9	
Carbon tetrachloride	**<26.9**	ug/L	89.7	26.9	25		06/19/20 12:12	56-23-5	
Chlorobenzene	**<17.8**	ug/L	59.2	17.8	25		06/19/20 12:12	108-90-7	
Chloroethane	**<33.6**	ug/L	125	33.6	25		06/19/20 12:12	75-00-3	
Chloroform	**<31.8**	ug/L	125	31.8	25		06/19/20 12:12	67-66-3	
Chloromethane	**<54.7**	ug/L	182	54.7	25		06/19/20 12:12	74-87-3	
Dibromochloromethane	**<65.0**	ug/L	217	65.0	25		06/19/20 12:12	124-48-1	
Dibromomethane	**<23.4**	ug/L	78.1	23.4	25		06/19/20 12:12	74-95-3	
Dichlorodifluoromethane	**<12.5**	ug/L	125	12.5	25		06/19/20 12:12	75-71-8	
Diisopropyl ether	**<47.2**	ug/L	157	47.2	25		06/19/20 12:12	108-20-3	
Ethylbenzene	**<8.0**	ug/L	26.6	8.0	25		06/19/20 12:12	100-41-4	
Hexachloro-1,3-butadiene	**<36.6**	ug/L	122	36.6	25		06/19/20 12:12	87-68-3	
Isopropylbenzene (Cumene)	**<42.2**	ug/L	140	42.2	25		06/19/20 12:12	98-82-8	
Methyl-tert-butyl ether	**<31.1**	ug/L	104	31.1	25		06/19/20 12:12	1634-04-4	
Methylene Chloride	**<14.5**	ug/L	125	14.5	25		06/19/20 12:12	75-09-2	
Naphthalene	**<29.4**	ug/L	125	29.4	25		06/19/20 12:12	91-20-3	
Styrene	**<75.2**	ug/L	251	75.2	25		06/19/20 12:12	100-42-5	
Tetrachloroethene	**<8.2**	ug/L	27.2	8.2	25		06/19/20 12:12	127-18-4	
Toluene	**<6.7**	ug/L	22.4	6.7	25		06/19/20 12:12	108-88-3	
Trichloroethene	**<6.4**	ug/L	25.0	6.4	25		06/19/20 12:12	79-01-6	
Trichlorofluoromethane	**<5.4**	ug/L	25.0	5.4	25		06/19/20 12:12	75-69-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-2 **Lab ID: 40209608009** Collected: 06/15/20 10:05 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Vinyl chloride	**42.0**	ug/L	25.0	4.4	25		06/19/20 12:12	75-01-4	
cis-1,2-Dichloroethene	**3400**	ug/L	25.0	6.8	25		06/19/20 12:12	156-59-2	
cis-1,3-Dichloropropene	**<90.7**	ug/L	302	90.7	25		06/19/20 12:12	10061-01-5	
m&p-Xylene	**<11.6**	ug/L	50.0	11.6	25		06/19/20 12:12	179601-23-1	
n-Butylbenzene	**<17.7**	ug/L	59.0	17.7	25		06/19/20 12:12	104-51-8	
n-Propylbenzene	**<20.3**	ug/L	125	20.3	25		06/19/20 12:12	103-65-1	
o-Xylene	**<6.5**	ug/L	25.0	6.5	25		06/19/20 12:12	95-47-6	
p-Isopropyltoluene	**<20.0**	ug/L	66.7	20.0	25		06/19/20 12:12	99-87-6	
sec-Butylbenzene	**<21.2**	ug/L	125	21.2	25		06/19/20 12:12	135-98-8	
tert-Butylbenzene	**<7.6**	ug/L	25.3	7.6	25		06/19/20 12:12	98-06-6	
trans-1,2-Dichloroethene	**<11.6**	ug/L	38.7	11.6	25		06/19/20 12:12	156-60-5	
trans-1,3-Dichloropropene	**<109**	ug/L	364	109	25		06/19/20 12:12	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		25		06/19/20 12:12	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		25		06/19/20 12:12	1868-53-7	
Toluene-d8 (S)	97	%	70-130		25		06/19/20 12:12	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**3.8J**	mg/L	10.0	2.2	5		06/18/20 19:19	14808-79-8	D3
310.2 Alkalinity	Analytical Method: EPA 310.2								
	Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**684**	mg/L	124	37.2	5		06/24/20 11:41		
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**158**	mg/L	15.0	4.2	30		06/18/20 20:55	7440-44-0	

Sample: MW-1R **Lab ID: 40209608010** Collected: 06/15/20 10:42 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
	Pace Analytical Services - Green Bay								
Ethane	**<1.2**	ug/L	5.6	1.2	1		06/19/20 12:50	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		06/19/20 12:50	74-85-1	
Methane	**<0.66**	ug/L	2.8	0.66	1		06/19/20 12:50	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
	Pace Analytical Services - Green Bay								
Iron, Dissolved	**<29.6**	ug/L	100	29.6	1		06/18/20 22:43	7439-89-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-1R **Lab ID: 40209608010** Collected: 06/15/20 10:42 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/19/20 14:20	630-20-6	
1,1,1-Trichloroethane	**3.9**	ug/L	1.0	0.24	1		06/19/20 14:20	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 14:20	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/19/20 14:20	79-00-5	
1,1-Dichloroethane	**9.8**	ug/L	1.0	0.27	1		06/19/20 14:20	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 14:20	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/19/20 14:20	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/19/20 14:20	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/19/20 14:20	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/19/20 14:20	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/19/20 14:20	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/19/20 14:20	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/19/20 14:20	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 14:20	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 14:20	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 14:20	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/19/20 14:20	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/19/20 14:20	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/19/20 14:20	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/19/20 14:20	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/19/20 14:20	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/19/20 14:20	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/19/20 14:20	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/19/20 14:20	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 14:20	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/19/20 14:20	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/19/20 14:20	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/19/20 14:20	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/19/20 14:20	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/19/20 14:20	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 14:20	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/19/20 14:20	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/19/20 14:20	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/19/20 14:20	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/19/20 14:20	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/19/20 14:20	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/19/20 14:20	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/19/20 14:20	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/19/20 14:20	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/19/20 14:20	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/19/20 14:20	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/19/20 14:20	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/19/20 14:20	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/19/20 14:20	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/19/20 14:20	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-1R **Lab ID: 40209608010** Collected: 06/15/20 10:42 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/19/20 14:20	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/19/20 14:20	108-88-3	
Trichloroethene	**0.55J**	ug/L	1.0	0.26	1		06/19/20 14:20	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/19/20 14:20	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/19/20 14:20	75-01-4	
cis-1,2-Dichloroethene	**0.31J**	ug/L	1.0	0.27	1		06/19/20 14:20	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/19/20 14:20	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/19/20 14:20	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 14:20	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/19/20 14:20	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 14:20	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/19/20 14:20	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/19/20 14:20	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/19/20 14:20	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/19/20 14:20	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/19/20 14:20	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/19/20 14:20	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		06/19/20 14:20	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		06/19/20 14:20	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**307**	mg/L	40.0	8.9	20		06/18/20 19:33	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2								
	Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**263**	mg/L	24.8	7.4	1		06/24/20 11:45		
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**3.9**	mg/L	0.50	0.14	1		06/18/20 21:09	7440-44-0	

Sample: MW-39 **Lab ID: 40209608011** Collected: 06/15/20 11:23 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
	Pace Analytical Services - Green Bay								
Ethane	**<1.2**	ug/L	5.6	1.2	1		06/19/20 10:04	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		06/19/20 10:04	74-85-1	
Methane	**17.4**	ug/L	2.8	0.66	1		06/19/20 10:04	74-82-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-39 **Lab ID: 40209608011** Collected: 06/15/20 11:23 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Pace Analytical Services - Green Bay								
Iron, Dissolved	**206**	ug/L	100	29.6	1		06/18/20 22:46	7439-89-6	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<2.7**	ug/L	10.0	2.7	10		06/19/20 12:33	630-20-6	
1,1,1-Trichloroethane	**59.0**	ug/L	10.0	2.4	10		06/19/20 12:33	71-55-6	
1,1,2,2-Tetrachloroethane	**<2.8**	ug/L	10.0	2.8	10		06/19/20 12:33	79-34-5	
1,1,2-Trichloroethane	**<5.5**	ug/L	50.0	5.5	10		06/19/20 12:33	79-00-5	
1,1-Dichloroethane	**49.3**	ug/L	10.0	2.7	10		06/19/20 12:33	75-34-3	
1,1-Dichloroethene	**47.5**	ug/L	10.0	2.4	10		06/19/20 12:33	75-35-4	
1,1-Dichloropropene	**<5.4**	ug/L	18.0	5.4	10		06/19/20 12:33	563-58-6	
1,2,3-Trichlorobenzene	**<22.1**	ug/L	73.7	22.1	10		06/19/20 12:33	87-61-6	
1,2,3-Trichloropropane	**<5.9**	ug/L	50.0	5.9	10		06/19/20 12:33	96-18-4	
1,2,4-Trichlorobenzene	**<9.5**	ug/L	50.0	9.5	10		06/19/20 12:33	120-82-1	
1,2,4-Trimethylbenzene	**<8.4**	ug/L	28.0	8.4	10		06/19/20 12:33	95-63-6	
1,2-Dibromo-3-chloropropane	**<17.6**	ug/L	58.8	17.6	10		06/19/20 12:33	96-12-8	
1,2-Dibromoethane (EDB)	**<8.3**	ug/L	27.6	8.3	10		06/19/20 12:33	106-93-4	
1,2-Dichlorobenzene	**<7.1**	ug/L	23.5	7.1	10		06/19/20 12:33	95-50-1	
1,2-Dichloroethane	**<2.8**	ug/L	10.0	2.8	10		06/19/20 12:33	107-06-2	
1,2-Dichloropropane	**<2.8**	ug/L	10.0	2.8	10		06/19/20 12:33	78-87-5	
1,3,5-Trimethylbenzene	**<8.7**	ug/L	29.1	8.7	10		06/19/20 12:33	108-67-8	
1,3-Dichlorobenzene	**<6.3**	ug/L	20.9	6.3	10		06/19/20 12:33	541-73-1	
1,3-Dichloropropane	**<8.3**	ug/L	27.5	8.3	10		06/19/20 12:33	142-28-9	
1,4-Dichlorobenzene	**<9.4**	ug/L	31.5	9.4	10		06/19/20 12:33	106-46-7	
2,2-Dichloropropane	**<22.7**	ug/L	75.5	22.7	10		06/19/20 12:33	594-20-7	
2-Chlorotoluene	**<9.3**	ug/L	50.0	9.3	10		06/19/20 12:33	95-49-8	
4-Chlorotoluene	**<7.6**	ug/L	25.2	7.6	10		06/19/20 12:33	106-43-4	
Benzene	**<2.5**	ug/L	10.0	2.5	10		06/19/20 12:33	71-43-2	
Bromobenzene	**<2.4**	ug/L	10.0	2.4	10		06/19/20 12:33	108-86-1	
Bromochloromethane	**<3.6**	ug/L	50.0	3.6	10		06/19/20 12:33	74-97-5	
Bromodichloromethane	**<3.6**	ug/L	12.1	3.6	10		06/19/20 12:33	75-27-4	
Bromoform	**<39.7**	ug/L	132	39.7	10		06/19/20 12:33	75-25-2	
Bromomethane	**<9.7**	ug/L	50.0	9.7	10		06/19/20 12:33	74-83-9	
Carbon tetrachloride	**<10.8**	ug/L	35.9	10.8	10		06/19/20 12:33	56-23-5	
Chlorobenzene	**<7.1**	ug/L	23.7	7.1	10		06/19/20 12:33	108-90-7	
Chloroethane	**<13.4**	ug/L	50.0	13.4	10		06/19/20 12:33	75-00-3	
Chloroform	**<12.7**	ug/L	50.0	12.7	10		06/19/20 12:33	67-66-3	
Chloromethane	**<21.9**	ug/L	73.0	21.9	10		06/19/20 12:33	74-87-3	
Dibromochloromethane	**<26.0**	ug/L	86.7	26.0	10		06/19/20 12:33	124-48-1	
Dibromomethane	**<9.4**	ug/L	31.2	9.4	10		06/19/20 12:33	74-95-3	
Dichlorodifluoromethane	**<5.0**	ug/L	50.0	5.0	10		06/19/20 12:33	75-71-8	
Diisopropyl ether	**<18.9**	ug/L	62.9	18.9	10		06/19/20 12:33	108-20-3	
Ethylbenzene	**<3.2**	ug/L	10.6	3.2	10		06/19/20 12:33	100-41-4	
Hexachloro-1,3-butadiene	**<14.6**	ug/L	48.8	14.6	10		06/19/20 12:33	87-68-3	
Isopropylbenzene (Cumene)	**<16.9**	ug/L	56.2	16.9	10		06/19/20 12:33	98-82-8	

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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-39 **Lab ID: 40209608011** Collected: 06/15/20 11:23 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<12.5**	ug/L	41.5	12.5	10		06/19/20 12:33	1634-04-4	
Methylene Chloride	**<5.8**	ug/L	50.0	5.8	10		06/19/20 12:33	75-09-2	
Naphthalene	**<11.8**	ug/L	50.0	11.8	10		06/19/20 12:33	91-20-3	
Styrene	**<30.1**	ug/L	100	30.1	10		06/19/20 12:33	100-42-5	
Tetrachloroethene	**<3.3**	ug/L	10.9	3.3	10		06/19/20 12:33	127-18-4	
Toluene	**<2.7**	ug/L	9.0	2.7	10		06/19/20 12:33	108-88-3	
Trichloroethene	**1380**	ug/L	10.0	2.6	10		06/19/20 12:33	79-01-6	
Trichlorofluoromethane	**<2.1**	ug/L	10.0	2.1	10		06/19/20 12:33	75-69-4	
Vinyl chloride	**4.8J**	ug/L	10.0	1.7	10		06/19/20 12:33	75-01-4	
cis-1,2-Dichloroethene	**533**	ug/L	10.0	2.7	10		06/19/20 12:33	156-59-2	
cis-1,3-Dichloropropene	**<36.3**	ug/L	121	36.3	10		06/19/20 12:33	10061-01-5	
m&p-Xylene	**<4.7**	ug/L	20.0	4.7	10		06/19/20 12:33	179601-23-1	
n-Butylbenzene	**<7.1**	ug/L	23.6	7.1	10		06/19/20 12:33	104-51-8	
n-Propylbenzene	**<8.1**	ug/L	50.0	8.1	10		06/19/20 12:33	103-65-1	
o-Xylene	**<2.6**	ug/L	10.0	2.6	10		06/19/20 12:33	95-47-6	
p-Isopropyltoluene	**<8.0**	ug/L	26.7	8.0	10		06/19/20 12:33	99-87-6	
sec-Butylbenzene	**<8.5**	ug/L	50.0	8.5	10		06/19/20 12:33	135-98-8	
tert-Butylbenzene	**<3.0**	ug/L	10.1	3.0	10		06/19/20 12:33	98-06-6	
trans-1,2-Dichloroethene	**89.5**	ug/L	15.5	4.6	10		06/19/20 12:33	156-60-5	
trans-1,3-Dichloropropene	**<43.7**	ug/L	146	43.7	10		06/19/20 12:33	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		10		06/19/20 12:33	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		10		06/19/20 12:33	1868-53-7	
Toluene-d8 (S)	96	%	70-130		10		06/19/20 12:33	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Nitrate as N	**0.20**	mg/L	0.15	0.044	1		06/17/20 03:09	14797-55-8	
Sulfate	**49.6**	mg/L	2.0	0.44	1		06/17/20 03:09	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2								
	Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**279**	mg/L	24.8	7.4	1		06/24/20 11:46		
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**1.9**	mg/L	0.50	0.14	1		06/18/20 21:24	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-42 **Lab ID: 40209608012** Collected: 06/15/20 12:01 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<1.2**	ug/L	5.6	1.2	1		06/19/20 10:10	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		06/19/20 10:10	74-85-1	
Methane	**1700**	ug/L	28.0	6.6	10		06/19/20 13:24	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Pace Analytical Services - Green Bay								
Iron, Dissolved	**27500**	ug/L	100	29.6	1		06/18/20 22:48	7439-89-6	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<1.3**	ug/L	5.0	1.3	5		06/19/20 12:54	630-20-6	
1,1,1-Trichloroethane	**5.2**	ug/L	5.0	1.2	5		06/19/20 12:54	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.4**	ug/L	5.0	1.4	5		06/19/20 12:54	79-34-5	
1,1,2-Trichloroethane	**<2.8**	ug/L	25.0	2.8	5		06/19/20 12:54	79-00-5	
1,1-Dichloroethane	**4.3J**	ug/L	5.0	1.4	5		06/19/20 12:54	75-34-3	
1,1-Dichloroethene	**15.3**	ug/L	5.0	1.2	5		06/19/20 12:54	75-35-4	
1,1-Dichloropropene	**<2.7**	ug/L	9.0	2.7	5		06/19/20 12:54	563-58-6	
1,2,3-Trichlorobenzene	**<11.1**	ug/L	36.8	11.1	5		06/19/20 12:54	87-61-6	
1,2,3-Trichloropropane	**<3.0**	ug/L	25.0	3.0	5		06/19/20 12:54	96-18-4	
1,2,4-Trichlorobenzene	**<4.8**	ug/L	25.0	4.8	5		06/19/20 12:54	120-82-1	
1,2,4-Trimethylbenzene	**<4.2**	ug/L	14.0	4.2	5		06/19/20 12:54	95-63-6	
1,2-Dibromo-3-chloropropane	**<8.8**	ug/L	29.4	8.8	5		06/19/20 12:54	96-12-8	
1,2-Dibromoethane (EDB)	**<4.1**	ug/L	13.8	4.1	5		06/19/20 12:54	106-93-4	
1,2-Dichlorobenzene	**<3.5**	ug/L	11.8	3.5	5		06/19/20 12:54	95-50-1	
1,2-Dichloroethane	**<1.4**	ug/L	5.0	1.4	5		06/19/20 12:54	107-06-2	
1,2-Dichloropropane	**<1.4**	ug/L	5.0	1.4	5		06/19/20 12:54	78-87-5	
1,3,5-Trimethylbenzene	**<4.4**	ug/L	14.6	4.4	5		06/19/20 12:54	108-67-8	
1,3-Dichlorobenzene	**<3.1**	ug/L	10.5	3.1	5		06/19/20 12:54	541-73-1	
1,3-Dichloropropane	**<4.1**	ug/L	13.8	4.1	5		06/19/20 12:54	142-28-9	
1,4-Dichlorobenzene	**<4.7**	ug/L	15.7	4.7	5		06/19/20 12:54	106-46-7	
2,2-Dichloropropane	**<11.3**	ug/L	37.8	11.3	5		06/19/20 12:54	594-20-7	
2-Chlorotoluene	**<4.6**	ug/L	25.0	4.6	5		06/19/20 12:54	95-49-8	
4-Chlorotoluene	**<3.8**	ug/L	12.6	3.8	5		06/19/20 12:54	106-43-4	
Benzene	**<1.2**	ug/L	5.0	1.2	5		06/19/20 12:54	71-43-2	
Bromobenzene	**<1.2**	ug/L	5.0	1.2	5		06/19/20 12:54	108-86-1	
Bromochloromethane	**<1.8**	ug/L	25.0	1.8	5		06/19/20 12:54	74-97-5	
Bromodichloromethane	**<1.8**	ug/L	6.1	1.8	5		06/19/20 12:54	75-27-4	
Bromoform	**<19.9**	ug/L	66.2	19.9	5		06/19/20 12:54	75-25-2	
Bromomethane	**<4.9**	ug/L	25.0	4.9	5		06/19/20 12:54	74-83-9	
Carbon tetrachloride	**<5.4**	ug/L	17.9	5.4	5		06/19/20 12:54	56-23-5	
Chlorobenzene	**<3.6**	ug/L	11.8	3.6	5		06/19/20 12:54	108-90-7	
Chloroethane	**<6.7**	ug/L	25.0	6.7	5		06/19/20 12:54	75-00-3	
Chloroform	**<6.4**	ug/L	25.0	6.4	5		06/19/20 12:54	67-66-3	
Chloromethane	**<10.9**	ug/L	36.5	10.9	5		06/19/20 12:54	74-87-3	
Dibromochloromethane	**<13.0**	ug/L	43.4	13.0	5		06/19/20 12:54	124-48-1	

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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-42 **Lab ID: 40209608012** Collected: 06/15/20 12:01 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Dibromomethane	**<4.7**	ug/L	15.6	4.7	5		06/19/20 12:54	74-95-3	
Dichlorodifluoromethane	**<2.5**	ug/L	25.0	2.5	5		06/19/20 12:54	75-71-8	
Diisopropyl ether	**<9.4**	ug/L	31.5	9.4	5		06/19/20 12:54	108-20-3	
Ethylbenzene	**<1.6**	ug/L	5.3	1.6	5		06/19/20 12:54	100-41-4	
Hexachloro-1,3-butadiene	**<7.3**	ug/L	24.4	7.3	5		06/19/20 12:54	87-68-3	
Isopropylbenzene (Cumene)	**<8.4**	ug/L	28.1	8.4	5		06/19/20 12:54	98-82-8	
Methyl-tert-butyl ether	**<6.2**	ug/L	20.8	6.2	5		06/19/20 12:54	1634-04-4	
Methylene Chloride	**<2.9**	ug/L	25.0	2.9	5		06/19/20 12:54	75-09-2	
Naphthalene	**<5.9**	ug/L	25.0	5.9	5		06/19/20 12:54	91-20-3	
Styrene	**<15.0**	ug/L	50.2	15.0	5		06/19/20 12:54	100-42-5	
Tetrachloroethene	**<1.6**	ug/L	5.4	1.6	5		06/19/20 12:54	127-18-4	
Toluene	**<1.3**	ug/L	4.5	1.3	5		06/19/20 12:54	108-88-3	
Trichloroethene	**2150**	ug/L	50.0	12.8	50		06/22/20 10:47	79-01-6	
Trichlorofluoromethane	**<1.1**	ug/L	5.0	1.1	5		06/19/20 12:54	75-69-4	
Vinyl chloride	**1.2J**	ug/L	5.0	0.87	5		06/19/20 12:54	75-01-4	
cis-1,2-Dichloroethene	**1760**	ug/L	50.0	13.6	50		06/22/20 10:47	156-59-2	
cis-1,3-Dichloropropene	**<18.1**	ug/L	60.5	18.1	5		06/19/20 12:54	10061-01-5	
m&p-Xylene	**<2.3**	ug/L	10.0	2.3	5		06/19/20 12:54	179601-23-1	
n-Butylbenzene	**<3.5**	ug/L	11.8	3.5	5		06/19/20 12:54	104-51-8	
n-Propylbenzene	**<4.1**	ug/L	25.0	4.1	5		06/19/20 12:54	103-65-1	
o-Xylene	**<1.3**	ug/L	5.0	1.3	5		06/19/20 12:54	95-47-6	
p-Isopropyltoluene	**<4.0**	ug/L	13.3	4.0	5		06/19/20 12:54	99-87-6	
sec-Butylbenzene	**<4.2**	ug/L	25.0	4.2	5		06/19/20 12:54	135-98-8	
tert-Butylbenzene	**<1.5**	ug/L	5.1	1.5	5		06/19/20 12:54	98-06-6	
trans-1,2-Dichloroethene	**<2.3**	ug/L	7.7	2.3	5		06/19/20 12:54	156-60-5	
trans-1,3-Dichloropropene	**<21.9**	ug/L	72.8	21.9	5		06/19/20 12:54	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		5		06/19/20 12:54	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		5		06/19/20 12:54	1868-53-7	
Toluene-d8 (S)	99	%	70-130		5		06/19/20 12:54	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**19.6**	mg/L	10.0	2.2	5		06/18/20 19:48	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2								
	Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**434**	mg/L	49.6	14.9	2		06/24/20 11:47		
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**93.5**	mg/L	15.0	4.2	30		06/18/20 21:38	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-18R **Lab ID: 40209608013** Collected: 06/15/20 12:41 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**2.1J**	ug/L	5.6	1.2	1		06/19/20 10:18	74-84-0	
Ethene	**1.7J**	ug/L	5.0	1.2	1		06/19/20 10:18	74-85-1	
Methane	**1460**	ug/L	28.0	6.6	10		06/19/20 13:31	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Pace Analytical Services - Green Bay								
Iron, Dissolved	**<29.6**	ug/L	100	29.6	1		06/18/20 22:51	7439-89-6	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<5.4**	ug/L	20.0	5.4	20		06/19/20 13:16	630-20-6	
1,1,1-Trichloroethane	**<4.9**	ug/L	20.0	4.9	20		06/19/20 13:16	71-55-6	
1,1,2,2-Tetrachloroethane	**<5.5**	ug/L	20.0	5.5	20		06/19/20 13:16	79-34-5	
1,1,2-Trichloroethane	**<11.0**	ug/L	100	11.0	20		06/19/20 13:16	79-00-5	
1,1-Dichloroethane	**<5.5**	ug/L	20.0	5.5	20		06/19/20 13:16	75-34-3	
1,1-Dichloroethene	**10.3J**	ug/L	20.0	4.9	20		06/19/20 13:16	75-35-4	
1,1-Dichloropropene	**<10.8**	ug/L	36.0	10.8	20		06/19/20 13:16	563-58-6	
1,2,3-Trichlorobenzene	**<44.2**	ug/L	147	44.2	20		06/19/20 13:16	87-61-6	
1,2,3-Trichloropropane	**<11.8**	ug/L	100	11.8	20		06/19/20 13:16	96-18-4	
1,2,4-Trichlorobenzene	**<19.0**	ug/L	100	19.0	20		06/19/20 13:16	120-82-1	
1,2,4-Trimethylbenzene	**<16.8**	ug/L	56.0	16.8	20		06/19/20 13:16	95-63-6	
1,2-Dibromo-3-chloropropane	**<35.3**	ug/L	118	35.3	20		06/19/20 13:16	96-12-8	
1,2-Dibromoethane (EDB)	**<16.6**	ug/L	55.3	16.6	20		06/19/20 13:16	106-93-4	
1,2-Dichlorobenzene	**<14.1**	ug/L	47.0	14.1	20		06/19/20 13:16	95-50-1	
1,2-Dichloroethane	**<5.6**	ug/L	20.0	5.6	20		06/19/20 13:16	107-06-2	
1,2-Dichloropropane	**<5.7**	ug/L	20.0	5.7	20		06/19/20 13:16	78-87-5	
1,3,5-Trimethylbenzene	**<17.5**	ug/L	58.2	17.5	20		06/19/20 13:16	108-67-8	
1,3-Dichlorobenzene	**<12.6**	ug/L	41.9	12.6	20		06/19/20 13:16	541-73-1	
1,3-Dichloropropane	**<16.5**	ug/L	55.1	16.5	20		06/19/20 13:16	142-28-9	
1,4-Dichlorobenzene	**<18.9**	ug/L	62.9	18.9	20		06/19/20 13:16	106-46-7	
2,2-Dichloropropane	**<45.3**	ug/L	151	45.3	20		06/19/20 13:16	594-20-7	
2-Chlorotoluene	**<18.5**	ug/L	100	18.5	20		06/19/20 13:16	95-49-8	
4-Chlorotoluene	**<15.1**	ug/L	50.4	15.1	20		06/19/20 13:16	106-43-4	
Benzene	**<4.9**	ug/L	20.0	4.9	20		06/19/20 13:16	71-43-2	
Bromobenzene	**<4.8**	ug/L	20.0	4.8	20		06/19/20 13:16	108-86-1	
Bromochloromethane	**<7.2**	ug/L	100	7.2	20		06/19/20 13:16	74-97-5	
Bromodichloromethane	**<7.3**	ug/L	24.2	7.3	20		06/19/20 13:16	75-27-4	
Bromoform	**<79.4**	ug/L	265	79.4	20		06/19/20 13:16	75-25-2	
Bromomethane	**<19.4**	ug/L	100	19.4	20		06/19/20 13:16	74-83-9	
Carbon tetrachloride	**<21.5**	ug/L	71.8	21.5	20		06/19/20 13:16	56-23-5	
Chlorobenzene	**<14.2**	ug/L	47.4	14.2	20		06/19/20 13:16	108-90-7	
Chloroethane	**<26.8**	ug/L	100	26.8	20		06/19/20 13:16	75-00-3	
Chloroform	**<25.5**	ug/L	100	25.5	20		06/19/20 13:16	67-66-3	
Chloromethane	**<43.8**	ug/L	146	43.8	20		06/19/20 13:16	74-87-3	
Dibromochloromethane	**<52.0**	ug/L	173	52.0	20		06/19/20 13:16	124-48-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-18R **Lab ID: 40209608013** Collected: 06/15/20 12:41 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Dibromomethane	**<18.7**	ug/L	62.5	18.7	20		06/19/20 13:16	74-95-3	
Dichlorodifluoromethane	**<10**	ug/L	100	10	20		06/19/20 13:16	75-71-8	
Diisopropyl ether	**<37.8**	ug/L	126	37.8	20		06/19/20 13:16	108-20-3	
Ethylbenzene	**<6.4**	ug/L	21.2	6.4	20		06/19/20 13:16	100-41-4	
Hexachloro-1,3-butadiene	**<29.3**	ug/L	97.6	29.3	20		06/19/20 13:16	87-68-3	
Isopropylbenzene (Cumene)	**<33.7**	ug/L	112	33.7	20		06/19/20 13:16	98-82-8	
Methyl-tert-butyl ether	**<24.9**	ug/L	83.1	24.9	20		06/19/20 13:16	1634-04-4	
Methylene Chloride	**<11.6**	ug/L	100	11.6	20		06/19/20 13:16	75-09-2	
Naphthalene	**<23.5**	ug/L	100	23.5	20		06/19/20 13:16	91-20-3	
Styrene	**<60.2**	ug/L	201	60.2	20		06/19/20 13:16	100-42-5	
Tetrachloroethene	**<6.5**	ug/L	21.8	6.5	20		06/19/20 13:16	127-18-4	
Toluene	**<5.4**	ug/L	18.0	5.4	20		06/19/20 13:16	108-88-3	
Trichloroethene	**3910**	ug/L	20.0	5.1	20		06/19/20 13:16	79-01-6	
Trichlorofluoromethane	**<4.3**	ug/L	20.0	4.3	20		06/19/20 13:16	75-69-4	
Vinyl chloride	**30.7**	ug/L	20.0	3.5	20		06/19/20 13:16	75-01-4	
cis-1,2-Dichloroethene	**1950**	ug/L	20.0	5.4	20		06/19/20 13:16	156-59-2	
cis-1,3-Dichloropropene	**<72.6**	ug/L	242	72.6	20		06/19/20 13:16	10061-01-5	
m&p-Xylene	**<9.3**	ug/L	40.0	9.3	20		06/19/20 13:16	179601-23-1	
n-Butylbenzene	**<14.2**	ug/L	47.2	14.2	20		06/19/20 13:16	104-51-8	
n-Propylbenzene	**<16.2**	ug/L	100	16.2	20		06/19/20 13:16	103-65-1	
o-Xylene	**<5.2**	ug/L	20.0	5.2	20		06/19/20 13:16	95-47-6	
p-Isopropyltoluene	**<16.0**	ug/L	53.3	16.0	20		06/19/20 13:16	99-87-6	
sec-Butylbenzene	**<17.0**	ug/L	100	17.0	20		06/19/20 13:16	135-98-8	
tert-Butylbenzene	**<6.1**	ug/L	20.3	6.1	20		06/19/20 13:16	98-06-6	
trans-1,2-Dichloroethene	**22.9J**	ug/L	30.9	9.3	20		06/19/20 13:16	156-60-5	
trans-1,3-Dichloropropene	**<87.4**	ug/L	291	87.4	20		06/19/20 13:16	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		20		06/19/20 13:16	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		20		06/19/20 13:16	1868-53-7	
Toluene-d8 (S)	99	%	70-130		20		06/19/20 13:16	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**73.5**	mg/L	10.0	2.2	5		06/18/20 20:45	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2								
	Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**317**	mg/L	24.8	7.4	1		06/24/20 11:48		
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**2.1**	mg/L	0.50	0.14	1		06/18/20 22:12	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-41 **Lab ID: 40209608014** Collected: 06/15/20 14:35 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<1.2**	ug/L	5.6	1.2	1		06/19/20 10:24	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		06/19/20 10:24	74-85-1	
Methane	**<0.66**	ug/L	2.8	0.66	1		06/19/20 10:24	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Pace Analytical Services - Green Bay								
Iron, Dissolved	**<29.6**	ug/L	100	29.6	1		06/18/20 22:53	7439-89-6	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/19/20 17:27	630-20-6	
1,1,1-Trichloroethane	**1.6**	ug/L	1.0	0.24	1		06/19/20 17:27	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 17:27	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/19/20 17:27	79-00-5	
1,1-Dichloroethane	**0.41J**	ug/L	1.0	0.27	1		06/19/20 17:27	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 17:27	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/19/20 17:27	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/19/20 17:27	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/19/20 17:27	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/19/20 17:27	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/19/20 17:27	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/19/20 17:27	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/19/20 17:27	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 17:27	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 17:27	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 17:27	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/19/20 17:27	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/19/20 17:27	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/19/20 17:27	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/19/20 17:27	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/19/20 17:27	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/19/20 17:27	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/19/20 17:27	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/19/20 17:27	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 17:27	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/19/20 17:27	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/19/20 17:27	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/19/20 17:27	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/19/20 17:27	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/19/20 17:27	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 17:27	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/19/20 17:27	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/19/20 17:27	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/19/20 17:27	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/19/20 17:27	124-48-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-41 **Lab ID: 40209608014** Collected: 06/15/20 14:35 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/19/20 17:27	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/19/20 17:27	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/19/20 17:27	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/19/20 17:27	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/19/20 17:27	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/19/20 17:27	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/19/20 17:27	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/19/20 17:27	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/19/20 17:27	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/19/20 17:27	100-42-5	
Tetrachloroethene	**1.2**	ug/L	1.1	0.33	1		06/19/20 17:27	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/19/20 17:27	108-88-3	
Trichloroethene	**60.5**	ug/L	1.0	0.26	1		06/19/20 17:27	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/19/20 17:27	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/19/20 17:27	75-01-4	
cis-1,2-Dichloroethene	**7.8**	ug/L	1.0	0.27	1		06/19/20 17:27	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/19/20 17:27	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/19/20 17:27	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 17:27	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/19/20 17:27	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 17:27	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/19/20 17:27	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/19/20 17:27	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/19/20 17:27	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/19/20 17:27	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/19/20 17:27	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		06/19/20 17:27	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		06/19/20 17:27	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		06/19/20 17:27	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**33.9**	mg/L	10.0	2.2	5		06/18/20 21:00	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2								
	Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**349**	mg/L	24.8	7.4	1		06/24/20 11:49		
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**3.8**	mg/L	1.5	0.42	3		06/18/20 22:26	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-40 **Lab ID: 40209608015** Collected: 06/15/20 15:12 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<1.2**	ug/L	5.6	1.2	1		06/19/20 10:31	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		06/19/20 10:31	74-85-1	
Methane	**4.0**	ug/L	2.8	0.66	1		06/19/20 10:31	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Pace Analytical Services - Green Bay								
Iron, Dissolved	**<29.6**	ug/L	100	29.6	1		06/18/20 22:55	7439-89-6	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<26.9**	ug/L	100	26.9	100		06/19/20 13:37	630-20-6	
1,1,1-Trichloroethane	**7890**	ug/L	100	24.5	100		06/19/20 13:37	71-55-6	
1,1,2,2-Tetrachloroethane	**<27.5**	ug/L	100	27.5	100		06/19/20 13:37	79-34-5	
1,1,2-Trichloroethane	**<55.2**	ug/L	500	55.2	100		06/19/20 13:37	79-00-5	
1,1-Dichloroethane	**262**	ug/L	100	27.3	100		06/19/20 13:37	75-34-3	
1,1-Dichloroethene	**157**	ug/L	100	24.5	100		06/19/20 13:37	75-35-4	
1,1-Dichloropropene	**<54.0**	ug/L	180	54.0	100		06/19/20 13:37	563-58-6	
1,2,3-Trichlorobenzene	**<221**	ug/L	737	221	100		06/19/20 13:37	87-61-6	
1,2,3-Trichloropropane	**<59.1**	ug/L	500	59.1	100		06/19/20 13:37	96-18-4	
1,2,4-Trichlorobenzene	**<95.1**	ug/L	500	95.1	100		06/19/20 13:37	120-82-1	
1,2,4-Trimethylbenzene	**<84.1**	ug/L	280	84.1	100		06/19/20 13:37	95-63-6	
1,2-Dibromo-3-chloropropane	**<176**	ug/L	588	176	100		06/19/20 13:37	96-12-8	
1,2-Dibromoethane (EDB)	**<82.9**	ug/L	276	82.9	100		06/19/20 13:37	106-93-4	
1,2-Dichlorobenzene	**<70.5**	ug/L	235	70.5	100		06/19/20 13:37	95-50-1	
1,2-Dichloroethane	**<28.0**	ug/L	100	28.0	100		06/19/20 13:37	107-06-2	
1,2-Dichloropropane	**<28.3**	ug/L	100	28.3	100		06/19/20 13:37	78-87-5	
1,3,5-Trimethylbenzene	**<87.3**	ug/L	291	87.3	100		06/19/20 13:37	108-67-8	
1,3-Dichlorobenzene	**<62.8**	ug/L	209	62.8	100		06/19/20 13:37	541-73-1	
1,3-Dichloropropane	**<82.6**	ug/L	275	82.6	100		06/19/20 13:37	142-28-9	
1,4-Dichlorobenzene	**<94.4**	ug/L	315	94.4	100		06/19/20 13:37	106-46-7	
2,2-Dichloropropane	**<227**	ug/L	755	227	100		06/19/20 13:37	594-20-7	
2-Chlorotoluene	**<92.6**	ug/L	500	92.6	100		06/19/20 13:37	95-49-8	
4-Chlorotoluene	**<75.6**	ug/L	252	75.6	100		06/19/20 13:37	106-43-4	
Benzene	**<24.6**	ug/L	100	24.6	100		06/19/20 13:37	71-43-2	
Bromobenzene	**<24.1**	ug/L	100	24.1	100		06/19/20 13:37	108-86-1	
Bromochloromethane	**<36.2**	ug/L	500	36.2	100		06/19/20 13:37	74-97-5	
Bromodichloromethane	**<36.4**	ug/L	121	36.4	100		06/19/20 13:37	75-27-4	
Bromoform	**<397**	ug/L	1320	397	100		06/19/20 13:37	75-25-2	
Bromomethane	**<97.1**	ug/L	500	97.1	100		06/19/20 13:37	74-83-9	
Carbon tetrachloride	**<108**	ug/L	359	108	100		06/19/20 13:37	56-23-5	
Chlorobenzene	**<71.1**	ug/L	237	71.1	100		06/19/20 13:37	108-90-7	
Chloroethane	**<134**	ug/L	500	134	100		06/19/20 13:37	75-00-3	
Chloroform	**<127**	ug/L	500	127	100		06/19/20 13:37	67-66-3	
Chloromethane	**<219**	ug/L	730	219	100		06/19/20 13:37	74-87-3	
Dibromochloromethane	**<260**	ug/L	867	260	100		06/19/20 13:37	124-48-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: MW-40 **Lab ID: 40209608015** Collected: 06/15/20 15:12 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Dibromomethane	**<93.7**	ug/L	312	93.7	100		06/19/20 13:37	74-95-3	
Dichlorodifluoromethane	**<50.0**	ug/L	500	50.0	100		06/19/20 13:37	75-71-8	
Diisopropyl ether	**<189**	ug/L	629	189	100		06/19/20 13:37	108-20-3	
Ethylbenzene	**<31.9**	ug/L	106	31.9	100		06/19/20 13:37	100-41-4	
Hexachloro-1,3-butadiene	**<146**	ug/L	488	146	100		06/19/20 13:37	87-68-3	
Isopropylbenzene (Cumene)	**<169**	ug/L	562	169	100		06/19/20 13:37	98-82-8	
Methyl-tert-butyl ether	**<125**	ug/L	415	125	100		06/19/20 13:37	1634-04-4	
Methylene Chloride	**<58.1**	ug/L	500	58.1	100		06/19/20 13:37	75-09-2	
Naphthalene	**<118**	ug/L	500	118	100		06/19/20 13:37	91-20-3	
Styrene	**<301**	ug/L	1000	301	100		06/19/20 13:37	100-42-5	
Tetrachloroethene	**<32.6**	ug/L	109	32.6	100		06/19/20 13:37	127-18-4	
Toluene	**<26.9**	ug/L	89.8	26.9	100		06/19/20 13:37	108-88-3	
Trichloroethene	**172**	ug/L	100	25.5	100		06/19/20 13:37	79-01-6	
Trichlorofluoromethane	**<21.5**	ug/L	100	21.5	100		06/19/20 13:37	75-69-4	
Vinyl chloride	**<17.5**	ug/L	100	17.5	100		06/19/20 13:37	75-01-4	
cis-1,2-Dichloroethene	**586**	ug/L	100	27.1	100		06/19/20 13:37	156-59-2	
cis-1,3-Dichloropropene	**<363**	ug/L	1210	363	100		06/19/20 13:37	10061-01-5	
m&p-Xylene	**<46.5**	ug/L	200	46.5	100		06/19/20 13:37	179601-23-1	
n-Butylbenzene	**<70.8**	ug/L	236	70.8	100		06/19/20 13:37	104-51-8	
n-Propylbenzene	**<81.1**	ug/L	500	81.1	100		06/19/20 13:37	103-65-1	
o-Xylene	**<26.2**	ug/L	100	26.2	100		06/19/20 13:37	95-47-6	
p-Isopropyltoluene	**<80.0**	ug/L	267	80.0	100		06/19/20 13:37	99-87-6	
sec-Butylbenzene	**<84.9**	ug/L	500	84.9	100		06/19/20 13:37	135-98-8	
tert-Butylbenzene	**<30.4**	ug/L	101	30.4	100		06/19/20 13:37	98-06-6	
trans-1,2-Dichloroethene	**<46.4**	ug/L	155	46.4	100		06/19/20 13:37	156-60-5	
trans-1,3-Dichloropropene	**<437**	ug/L	1460	437	100		06/19/20 13:37	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		100		06/19/20 13:37	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		100		06/19/20 13:37	1868-53-7	
Toluene-d8 (S)	99	%	70-130		100		06/19/20 13:37	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Nitrate as N	**<0.044**	mg/L	0.15	0.044	1		06/17/20 03:23	14797-55-8	
Sulfate	**68.4**	mg/L	10.0	2.2	5		06/17/20 03:36	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2								
	Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**408**	mg/L	24.8	7.4	1		06/24/20 11:50		
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**2.5**	mg/L	0.50	0.14	1		06/18/20 22:40	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: RW-8 **Lab ID: 40209608016** Collected: 06/15/20 13:49 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.67**	ug/L	2.5	0.67	2.5		06/22/20 14:00	630-20-6	
1,1,1-Trichloroethane	**228**	ug/L	2.5	0.61	2.5		06/22/20 14:00	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.69**	ug/L	2.5	0.69	2.5		06/22/20 14:00	79-34-5	
1,1,2-Trichloroethane	**<1.4**	ug/L	12.5	1.4	2.5		06/22/20 14:00	79-00-5	
1,1-Dichloroethane	**17.6**	ug/L	2.5	0.68	2.5		06/22/20 14:00	75-34-3	
1,1-Dichloroethene	**7.4**	ug/L	2.5	0.61	2.5		06/22/20 14:00	75-35-4	
1,1-Dichloropropene	**<1.4**	ug/L	4.5	1.4	2.5		06/22/20 14:00	563-58-6	
1,2,3-Trichlorobenzene	**<5.5**	ug/L	18.4	5.5	2.5		06/22/20 14:00	87-61-6	
1,2,3-Trichloropropane	**<1.5**	ug/L	12.5	1.5	2.5		06/22/20 14:00	96-18-4	
1,2,4-Trichlorobenzene	**<2.4**	ug/L	12.5	2.4	2.5		06/22/20 14:00	120-82-1	
1,2,4-Trimethylbenzene	**<2.1**	ug/L	7.0	2.1	2.5		06/22/20 14:00	95-63-6	
1,2-Dibromo-3-chloropropane	**<4.4**	ug/L	14.7	4.4	2.5		06/22/20 14:00	96-12-8	
1,2-Dibromoethane (EDB)	**<2.1**	ug/L	6.9	2.1	2.5		06/22/20 14:00	106-93-4	
1,2-Dichlorobenzene	**<1.8**	ug/L	5.9	1.8	2.5		06/22/20 14:00	95-50-1	
1,2-Dichloroethane	**<0.70**	ug/L	2.5	0.70	2.5		06/22/20 14:00	107-06-2	
1,2-Dichloropropane	**<0.71**	ug/L	2.5	0.71	2.5		06/22/20 14:00	78-87-5	
1,3,5-Trimethylbenzene	**<2.2**	ug/L	7.3	2.2	2.5		06/22/20 14:00	108-67-8	
1,3-Dichlorobenzene	**<1.6**	ug/L	5.2	1.6	2.5		06/22/20 14:00	541-73-1	
1,3-Dichloropropane	**<2.1**	ug/L	6.9	2.1	2.5		06/22/20 14:00	142-28-9	
1,4-Dichlorobenzene	**<2.4**	ug/L	7.9	2.4	2.5		06/22/20 14:00	106-46-7	
2,2-Dichloropropane	**<5.7**	ug/L	18.9	5.7	2.5		06/22/20 14:00	594-20-7	
2-Chlorotoluene	**<2.3**	ug/L	12.5	2.3	2.5		06/22/20 14:00	95-49-8	
4-Chlorotoluene	**<1.9**	ug/L	6.3	1.9	2.5		06/22/20 14:00	106-43-4	
Benzene	**<0.62**	ug/L	2.5	0.62	2.5		06/22/20 14:00	71-43-2	
Bromobenzene	**<0.60**	ug/L	2.5	0.60	2.5		06/22/20 14:00	108-86-1	
Bromochloromethane	**<0.91**	ug/L	12.5	0.91	2.5		06/22/20 14:00	74-97-5	
Bromodichloromethane	**<0.91**	ug/L	3.0	0.91	2.5		06/22/20 14:00	75-27-4	
Bromoform	**<9.9**	ug/L	33.1	9.9	2.5		06/22/20 14:00	75-25-2	
Bromomethane	**<2.4**	ug/L	12.5	2.4	2.5		06/22/20 14:00	74-83-9	
Carbon tetrachloride	**<2.7**	ug/L	9.0	2.7	2.5		06/22/20 14:00	56-23-5	
Chlorobenzene	**<1.8**	ug/L	5.9	1.8	2.5		06/22/20 14:00	108-90-7	
Chloroethane	**<3.4**	ug/L	12.5	3.4	2.5		06/22/20 14:00	75-00-3	
Chloroform	**<3.2**	ug/L	12.5	3.2	2.5		06/22/20 14:00	67-66-3	
Chloromethane	**<5.5**	ug/L	18.2	5.5	2.5		06/22/20 14:00	74-87-3	
Dibromochloromethane	**<6.5**	ug/L	21.7	6.5	2.5		06/22/20 14:00	124-48-1	
Dibromomethane	**<2.3**	ug/L	7.8	2.3	2.5		06/22/20 14:00	74-95-3	
Dichlorodifluoromethane	**<1.2**	ug/L	12.5	1.2	2.5		06/22/20 14:00	75-71-8	
Diisopropyl ether	**<4.7**	ug/L	15.7	4.7	2.5		06/22/20 14:00	108-20-3	
Ethylbenzene	**<0.80**	ug/L	2.7	0.80	2.5		06/22/20 14:00	100-41-4	
Hexachloro-1,3-butadiene	**<3.7**	ug/L	12.2	3.7	2.5		06/22/20 14:00	87-68-3	
Isopropylbenzene (Cumene)	**<4.2**	ug/L	14.0	4.2	2.5		06/22/20 14:00	98-82-8	
Methyl-tert-butyl ether	**<3.1**	ug/L	10.4	3.1	2.5		06/22/20 14:00	1634-04-4	
Methylene Chloride	**<1.5**	ug/L	12.5	1.5	2.5		06/22/20 14:00	75-09-2	
Naphthalene	**<2.9**	ug/L	12.5	2.9	2.5		06/22/20 14:00	91-20-3	
Styrene	**<7.5**	ug/L	25.1	7.5	2.5		06/22/20 14:00	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: RW-8 **Lab ID: 40209608016** Collected: 06/15/20 13:49 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Tetrachloroethene	**0.82J**	ug/L	2.7	0.82	2.5		06/22/20 14:00	127-18-4	
Toluene	**<0.67**	ug/L	2.2	0.67	2.5		06/22/20 14:00	108-88-3	
Trichloroethene	**37.0**	ug/L	2.5	0.64	2.5		06/22/20 14:00	79-01-6	
Trichlorofluoromethane	**<0.54**	ug/L	2.5	0.54	2.5		06/22/20 14:00	75-69-4	
Vinyl chloride	**10.0**	ug/L	2.5	0.44	2.5		06/22/20 14:00	75-01-4	
cis-1,2-Dichloroethene	**187**	ug/L	2.5	0.68	2.5		06/22/20 14:00	156-59-2	
cis-1,3-Dichloropropene	**<9.1**	ug/L	30.2	9.1	2.5		06/22/20 14:00	10061-01-5	
m&p-Xylene	**<1.2**	ug/L	5.0	1.2	2.5		06/22/20 14:00	179601-23-1	
n-Butylbenzene	**<1.8**	ug/L	5.9	1.8	2.5		06/22/20 14:00	104-51-8	
n-Propylbenzene	**<2.0**	ug/L	12.5	2.0	2.5		06/22/20 14:00	103-65-1	
o-Xylene	**<0.65**	ug/L	2.5	0.65	2.5		06/22/20 14:00	95-47-6	
p-Isopropyltoluene	**<2.0**	ug/L	6.7	2.0	2.5		06/22/20 14:00	99-87-6	
sec-Butylbenzene	**<2.1**	ug/L	12.5	2.1	2.5		06/22/20 14:00	135-98-8	
tert-Butylbenzene	**<0.76**	ug/L	2.5	0.76	2.5		06/22/20 14:00	98-06-6	
trans-1,2-Dichloroethene	**<1.2**	ug/L	3.9	1.2	2.5		06/22/20 14:00	156-60-5	
trans-1,3-Dichloropropene	**<10.9**	ug/L	36.4	10.9	2.5		06/22/20 14:00	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		2.5		06/22/20 14:00	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		2.5		06/22/20 14:00	1868-53-7	
Toluene-d8 (S)	96	%	70-130		2.5		06/22/20 14:00	2037-26-5	

Sample: DUP-1 **Lab ID: 40209608017** Collected: 06/15/20 00:00 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/19/20 16:44	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/19/20 16:44	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 16:44	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/19/20 16:44	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		06/19/20 16:44	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 16:44	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/19/20 16:44	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/19/20 16:44	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/19/20 16:44	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/19/20 16:44	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/19/20 16:44	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/19/20 16:44	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/19/20 16:44	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 16:44	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 16:44	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 16:44	78-87-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: DUP-1 **Lab ID: 40209608017** Collected: 06/15/20 00:00 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/19/20 16:44	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/19/20 16:44	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/19/20 16:44	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/19/20 16:44	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/19/20 16:44	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/19/20 16:44	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/19/20 16:44	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/19/20 16:44	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 16:44	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/19/20 16:44	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/19/20 16:44	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/19/20 16:44	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/19/20 16:44	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/19/20 16:44	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 16:44	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/19/20 16:44	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/19/20 16:44	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/19/20 16:44	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/19/20 16:44	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/19/20 16:44	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/19/20 16:44	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/19/20 16:44	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/19/20 16:44	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/19/20 16:44	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/19/20 16:44	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/19/20 16:44	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/19/20 16:44	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/19/20 16:44	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/19/20 16:44	100-42-5	
Tetrachloroethene	**0.79J**	ug/L	1.1	0.33	1		06/19/20 16:44	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/19/20 16:44	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 16:44	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/19/20 16:44	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/19/20 16:44	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		06/19/20 16:44	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/19/20 16:44	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/19/20 16:44	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 16:44	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/19/20 16:44	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 16:44	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/19/20 16:44	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/19/20 16:44	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/19/20 16:44	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/19/20 16:44	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/19/20 16:44	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: DUP-1 **Lab ID: 40209608017** Collected: 06/15/20 00:00 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		06/19/20 16:44	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		06/19/20 16:44	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		06/19/20 16:44	2037-26-5	

Sample: TRIP **Lab ID: 40209608018** Collected: 06/15/20 00:00 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/19/20 16:23	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/19/20 16:23	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 16:23	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/19/20 16:23	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		06/19/20 16:23	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 16:23	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/19/20 16:23	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/19/20 16:23	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/19/20 16:23	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/19/20 16:23	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/19/20 16:23	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/19/20 16:23	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/19/20 16:23	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 16:23	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 16:23	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 16:23	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/19/20 16:23	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/19/20 16:23	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/19/20 16:23	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/19/20 16:23	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/19/20 16:23	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/19/20 16:23	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/19/20 16:23	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/19/20 16:23	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 16:23	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/19/20 16:23	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/19/20 16:23	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/19/20 16:23	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/19/20 16:23	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/19/20 16:23	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 16:23	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/19/20 16:23	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Sample: TRIP **Lab ID: 40209608018** Collected: 06/15/20 00:00 Received: 06/16/20 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/19/20 16:23	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/19/20 16:23	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/19/20 16:23	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/19/20 16:23	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/19/20 16:23	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/19/20 16:23	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/19/20 16:23	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/19/20 16:23	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/19/20 16:23	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/19/20 16:23	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/19/20 16:23	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/19/20 16:23	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/19/20 16:23	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/19/20 16:23	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/19/20 16:23	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 16:23	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/19/20 16:23	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/19/20 16:23	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		06/19/20 16:23	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/19/20 16:23	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/19/20 16:23	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 16:23	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/19/20 16:23	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 16:23	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/19/20 16:23	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/19/20 16:23	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/19/20 16:23	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/19/20 16:23	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/19/20 16:23	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/19/20 16:23	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		06/19/20 16:23	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/19/20 16:23	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

QC Batch: 357991
QC Batch Method: EPA 8015B Modified
Analysis Method: EPA 8015B Modified
Analysis Description: Methane, Ethane, Ethene GCV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209608003, 40209608004, 40209608005, 40209608007, 40209608008, 40209608009

METHOD BLANK: 2070776 Matrix: Water
Associated Lab Samples: 40209608003, 40209608004, 40209608005, 40209608007, 40209608008, 40209608009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<1.2	5.6	06/18/20 09:03	
Ethene	ug/L	<1.2	5.0	06/18/20 09:03	
Methane	ug/L	<0.66	2.8	06/18/20 09:03	

LABORATORY CONTROL SAMPLE & LCSD: 2070777 2070778

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	53.1	53.3	99	99	80-120	0	20	
Ethene	ug/L	50	49.1	49.0	98	98	80-120	0	20	
Methane	ug/L	28.6	27.5	27.6	96	97	79-120	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2070779 2070780

Parameter	Units	40209189004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Ethane	ug/L	<1.2	53.6	53.6	50.6	50.2	95	94	79-120	1	20	
Ethene	ug/L	<1.2	50	50	47.3	46.6	95	93	79-120	1	20	
Methane	ug/L	<0.66	28.6	28.6	26.0	25.8	91	90	10-200	1	20	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

QC Batch: 358107
QC Batch Method: EPA 8015B Modified
Analysis Method: EPA 8015B Modified
Analysis Description: Methane, Ethane, Ethene GCV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209608010, 40209608011, 40209608012, 40209608013, 40209608014, 40209608015

METHOD BLANK: 2071529 Matrix: Water
Associated Lab Samples: 40209608010, 40209608011, 40209608012, 40209608013, 40209608014, 40209608015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<1.2	5.6	06/19/20 08:39	
Ethene	ug/L	<1.2	5.0	06/19/20 08:39	
Methane	ug/L	<0.66	2.8	06/19/20 08:39	

LABORATORY CONTROL SAMPLE & LCSD: 2071530 2071531

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	53.6	53.7	100	100	80-120	0	20	
Ethene	ug/L	50	49.5	49.4	99	99	80-120	0	20	
Methane	ug/L	28.6	27.8	28.1	97	98	79-120	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2071698 2071699

Parameter	Units	40209608014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Ethane	ug/L	<1.2	53.6	53.6	50.5	52.4	94	98	79-120	4	20	
Ethene	ug/L	<1.2	50	50	46.2	47.7	92	95	79-120	3	20	
Methane	ug/L	<0.66	28.6	28.6	25.7	26.6	90	93	10-200	3	20	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

QC Batch: 358060 — Analysis Method: EPA 6010
QC Batch Method: EPA 6010 — Analysis Description: ICP Metals, Trace, Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209608003, 40209608004, 40209608005, 40209608007, 40209608008, 40209608009, 40209608010, 40209608011, 40209608012, 40209608013, 40209608014, 40209608015

METHOD BLANK: 2071204 — Matrix: Water
Associated Lab Samples: 40209608003, 40209608004, 40209608005, 40209608007, 40209608008, 40209608009, 40209608010, 40209608011, 40209608012, 40209608013, 40209608014, 40209608015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Dissolved	ug/L	<29.6	100	06/18/20 22:15	

LABORATORY CONTROL SAMPLE: 2071205

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	5000	4880	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2071206 2071207

Parameter	Units	40209608003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron, Dissolved	ug/L	<29.6	5000	5000	4950	4930	99	99	75-125	0	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

QC Batch: 357842
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209608001, 40209608002, 40209608003, 40209608004, 40209608005, 40209608006, 40209608007

METHOD BLANK: 2070024
Matrix: Water
Associated Lab Samples: 40209608001, 40209608002, 40209608003, 40209608004, 40209608005, 40209608006, 40209608007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	06/18/20 13:16	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	06/18/20 13:16	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	06/18/20 13:16	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	06/18/20 13:16	
1,1-Dichloroethane	ug/L	<0.27	1.0	06/18/20 13:16	
1,1-Dichloroethene	ug/L	<0.24	1.0	06/18/20 13:16	
1,1-Dichloropropene	ug/L	<0.54	1.8	06/18/20 13:16	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	06/18/20 13:16	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	06/18/20 13:16	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	06/18/20 13:16	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	06/18/20 13:16	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	06/18/20 13:16	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	06/18/20 13:16	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	06/18/20 13:16	
1,2-Dichloroethane	ug/L	<0.28	1.0	06/18/20 13:16	
1,2-Dichloropropane	ug/L	<0.28	1.0	06/18/20 13:16	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	06/18/20 13:16	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	06/18/20 13:16	
1,3-Dichloropropane	ug/L	<0.83	2.8	06/18/20 13:16	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	06/18/20 13:16	
2,2-Dichloropropane	ug/L	<2.3	7.6	06/18/20 13:16	
2-Chlorotoluene	ug/L	<0.93	5.0	06/18/20 13:16	
4-Chlorotoluene	ug/L	<0.76	2.5	06/18/20 13:16	
Benzene	ug/L	<0.25	1.0	06/18/20 13:16	
Bromobenzene	ug/L	<0.24	1.0	06/18/20 13:16	
Bromochloromethane	ug/L	<0.36	5.0	06/18/20 13:16	
Bromodichloromethane	ug/L	<0.36	1.2	06/18/20 13:16	
Bromoform	ug/L	<4.0	13.2	06/18/20 13:16	
Bromomethane	ug/L	<0.97	5.0	06/18/20 13:16	
Carbon tetrachloride	ug/L	<1.1	3.6	06/18/20 13:16	
Chlorobenzene	ug/L	<0.71	2.4	06/18/20 13:16	
Chloroethane	ug/L	<1.3	5.0	06/18/20 13:16	
Chloroform	ug/L	<1.3	5.0	06/18/20 13:16	
Chloromethane	ug/L	<2.2	7.3	06/18/20 13:16	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	06/18/20 13:16	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	06/18/20 13:16	
Dibromochloromethane	ug/L	<2.6	8.7	06/18/20 13:16	
Dibromomethane	ug/L	<0.94	3.1	06/18/20 13:16	
Dichlorodifluoromethane	ug/L	<0.50	5.0	06/18/20 13:16	
Diisopropyl ether	ug/L	<1.9	6.3	06/18/20 13:16	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

METHOD BLANK: 2070024 Matrix: Water
Associated Lab Samples: 40209608001, 40209608002, 40209608003, 40209608004, 40209608005, 40209608006, 40209608007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.32	1.1	06/18/20 13:16	
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	06/18/20 13:16	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	06/18/20 13:16	
m&p-Xylene	ug/L	<0.47	2.0	06/18/20 13:16	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	06/18/20 13:16	
Methylene Chloride	ug/L	<0.58	5.0	06/18/20 13:16	
n-Butylbenzene	ug/L	<0.71	2.4	06/18/20 13:16	
n-Propylbenzene	ug/L	<0.81	5.0	06/18/20 13:16	
Naphthalene	ug/L	<1.2	5.0	06/18/20 13:16	
o-Xylene	ug/L	<0.26	1.0	06/18/20 13:16	
p-Isopropyltoluene	ug/L	<0.80	2.7	06/18/20 13:16	
sec-Butylbenzene	ug/L	<0.85	5.0	06/18/20 13:16	
Styrene	ug/L	<3.0	10.0	06/18/20 13:16	
tert-Butylbenzene	ug/L	<0.30	1.0	06/18/20 13:16	
Tetrachloroethene	ug/L	<0.33	1.1	06/18/20 13:16	
Toluene	ug/L	<0.27	0.90	06/18/20 13:16	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	06/18/20 13:16	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	06/18/20 13:16	
Trichloroethene	ug/L	<0.26	1.0	06/18/20 13:16	
Trichlorofluoromethane	ug/L	<0.21	1.0	06/18/20 13:16	
Vinyl chloride	ug/L	<0.17	1.0	06/18/20 13:16	
4-Bromofluorobenzene (S)	%	83	70-130	06/18/20 13:16	
Dibromofluoromethane (S)	%	85	70-130	06/18/20 13:16	
Toluene-d8 (S)	%	96	70-130	06/18/20 13:16	

LABORATORY CONTROL SAMPLE: 2070025

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	41.5	83	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	42.3	85	64-131	
1,1,2-Trichloroethane	ug/L	50	49.1	98	70-130	
1,1-Dichloroethane	ug/L	50	38.1	76	69-163	
1,1-Dichloroethene	ug/L	50	42.8	86	77-123	
1,2,4-Trichlorobenzene	ug/L	50	46.7	93	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	42.3	85	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	49.0	98	70-130	
1,2-Dichlorobenzene	ug/L	50	52.3	105	70-130	
1,2-Dichloroethane	ug/L	50	42.5	85	78-142	
1,2-Dichloropropane	ug/L	50	45.7	91	86-134	
1,3-Dichlorobenzene	ug/L	50	51.4	103	70-130	
1,4-Dichlorobenzene	ug/L	50	52.3	105	70-130	
Benzene	ug/L	50	45.0	90	70-130	
Bromodichloromethane	ug/L	50	47.9	96	70-130	
Bromoform	ug/L	50	50.3	101	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

LABORATORY CONTROL SAMPLE: 2070025

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	50	35.9	72	39-129	
Carbon tetrachloride	ug/L	50	47.1	94	70-132	
Chlorobenzene	ug/L	50	52.4	105	70-130	
Chloroethane	ug/L	50	37.9	76	66-140	
Chloroform	ug/L	50	40.8	82	75-132	
Chloromethane	ug/L	50	43.7	87	32-143	
cis-1,2-Dichloroethene	ug/L	50	39.4	79	70-130	
cis-1,3-Dichloropropene	ug/L	50	44.9	90	70-130	
Dibromochloromethane	ug/L	50	49.2	98	70-130	
Dichlorodifluoromethane	ug/L	50	43.6	87	10-141	
Ethylbenzene	ug/L	50	51.4	103	80-120	
Isopropylbenzene (Cumene)	ug/L	50	52.9	106	70-130	
m&p-Xylene	ug/L	100	106	106	70-130	
Methyl-tert-butyl ether	ug/L	50	36.6	73	61-129	
Methylene Chloride	ug/L	50	39.2	78	70-130	
o-Xylene	ug/L	50	51.3	103	70-130	
Styrene	ug/L	50	50.8	102	70-130	
Tetrachloroethene	ug/L	50	52.9	106	70-130	
Toluene	ug/L	50	50.0	100	80-120	
trans-1,2-Dichloroethene	ug/L	50	40.9	82	70-130	
trans-1,3-Dichloropropene	ug/L	50	42.2	84	69-130	
Trichloroethene	ug/L	50	53.0	106	70-130	
Trichlorofluoromethane	ug/L	50	46.5	93	75-145	
Vinyl chloride	ug/L	50	45.2	90	51-140	
4-Bromofluorobenzene (S)	%			95	70-130	
Dibromofluoromethane (S)	%			83	70-130	
Toluene-d8 (S)	%			93	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2071132 2071133

Parameter	Units	40209557008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	33.2	2500	2500	2540	2310	100	91	70-130	9	20	
1,1,2,2-Tetrachloroethane	ug/L	<2.8	2500	2500	2060	2190	82	88	64-137	6	20	
1,1,2-Trichloroethane	ug/L	<5.5	2500	2500	2530	2650	101	106	70-137	4	20	
1,1-Dichloroethane	ug/L	12.6	2500	2500	2360	2100	94	84	69-163	12	20	
1,1-Dichloroethene	ug/L	8.0J	2500	2500	2650	2360	106	94	77-129	12	20	
1,2,4-Trichlorobenzene	ug/L	<9.5	2500	2500	2320	2460	93	98	68-130	5	20	
1,2-Dibromo-3-chloropropane	ug/L	<17.6	2500	2500	2060	2170	82	87	60-130	5	20	
1,2-Dibromoethane (EDB)	ug/L	<8.3	2500	2500	2450	2550	98	102	70-130	4	20	
1,2-Dichlorobenzene	ug/L	<7.1	2500	2500	2590	2710	104	108	70-130	4	20	
1,2-Dichloroethane	ug/L	<2.8	2500	2500	2540	2300	101	92	78-145	10	20	
1,2-Dichloropropane	ug/L	<2.8	2500	2500	2370	2490	95	99	86-135	5	20	
1,3-Dichlorobenzene	ug/L	<6.3	2500	2500	2590	2690	104	108	70-130	4	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2071132 2071133

Parameter	Units	40209557008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,4-Dichlorobenzene	ug/L	<9.4	2500	2500	2630	2750	105	110	70-130	5	20	
Benzene	ug/L	<2.5	2500	2500	2690	2420	108	97	70-136	11	20	
Bromodichloromethane	ug/L	<3.6	2500	2500	2420	2550	97	102	70-130	5	20	
Bromoform	ug/L	<39.7	2500	2500	2590	2720	104	109	69-130	5	20	
Bromomethane	ug/L	<9.7	2500	2500	2400	2100	96	84	39-138	13	20	
Carbon tetrachloride	ug/L	<10.8	2500	2500	2740	2590	110	103	70-142	6	20	
Chlorobenzene	ug/L	<7.1	2500	2500	2700	2820	108	113	70-130	4	20	
Chloroethane	ug/L	<13.4	2500	2500	2320	2080	93	83	61-149	11	20	
Chloroform	ug/L	<12.7	2500	2500	2490	2230	99	89	75-133	11	20	
Chloromethane	ug/L	<21.9	2500	2500	2520	2250	101	90	32-143	11	20	
cis-1,2-Dichloroethene	ug/L	28.1	2500	2500	2410	2190	95	86	70-130	10	20	
cis-1,3-Dichloropropene	ug/L	<36.3	2500	2500	2300	2370	92	95	70-130	3	20	
Dibromochloromethane	ug/L	<26.0	2500	2500	2550	2670	102	107	70-130	5	20	
Dichlorodifluoromethane	ug/L	<5.0	2500	2500	2340	2080	93	83	10-141	11	20	
Ethylbenzene	ug/L	<3.2	2500	2500	2660	2770	106	111	80-120	4	20	
Isopropylbenzene (Cumene)	ug/L	<16.9	2500	2500	2720	2860	109	114	70-130	5	20	
m&p-Xylene	ug/L	<4.7	5000	5000	5490	5780	110	116	70-130	5	20	
Methyl-tert-butyl ether	ug/L	<12.5	2500	2500	2110	1910	85	76	61-136	10	20	
Methylene Chloride	ug/L	<5.8	2500	2500	2390	2120	96	85	68-137	12	20	
o-Xylene	ug/L	<2.6	2500	2500	2690	2740	107	110	70-130	2	20	
Styrene	ug/L	<30.1	2500	2500	2660	2720	106	109	70-130	2	20	
Tetrachloroethene	ug/L	<3.3	2500	2500	2830	2930	113	117	70-130	3	20	
Toluene	ug/L	<2.7	2500	2500	2600	2690	104	107	80-120	3	20	
trans-1,2-Dichloroethene	ug/L	<4.6	2500	2500	2500	2240	100	90	70-130	11	20	
trans-1,3-Dichloropropene	ug/L	<43.7	2500	2500	2180	2270	87	91	69-130	4	20	
Trichloroethene	ug/L	677	2500	2500	3310	3460	105	111	70-130	4	20	
Trichlorofluoromethane	ug/L	<2.1	2500	2500	2780	2520	111	101	74-157	10	20	
Vinyl chloride	ug/L	<1.7	2500	2500	2630	2380	105	95	51-140	10	20	
4-Bromofluorobenzene (S)	%						96	97	70-130			
Dibromofluoromethane (S)	%						86	81	70-130			
Toluene-d8 (S)	%						93	94	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

QC Batch: 357843
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209608008, 40209608009, 40209608010, 40209608011, 40209608012, 40209608013, 40209608014, 40209608015, 40209608016, 40209608017, 40209608018

METHOD BLANK: 2070026
Matrix: Water
Associated Lab Samples: 40209608008, 40209608009, 40209608010, 40209608011, 40209608012, 40209608013, 40209608014, 40209608015, 40209608016, 40209608017, 40209608018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	06/19/20 06:28	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	06/19/20 06:28	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	06/19/20 06:28	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	06/19/20 06:28	
1,1-Dichloroethane	ug/L	<0.27	1.0	06/19/20 06:28	
1,1-Dichloroethene	ug/L	<0.24	1.0	06/19/20 06:28	
1,1-Dichloropropene	ug/L	<0.54	1.8	06/19/20 06:28	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	06/19/20 06:28	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	06/19/20 06:28	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	06/19/20 06:28	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	06/19/20 06:28	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	06/19/20 06:28	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	06/19/20 06:28	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	06/19/20 06:28	
1,2-Dichloroethane	ug/L	<0.28	1.0	06/19/20 06:28	
1,2-Dichloropropane	ug/L	<0.28	1.0	06/19/20 06:28	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	06/19/20 06:28	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	06/19/20 06:28	
1,3-Dichloropropane	ug/L	<0.83	2.8	06/19/20 06:28	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	06/19/20 06:28	
2,2-Dichloropropane	ug/L	<2.3	7.6	06/19/20 06:28	
2-Chlorotoluene	ug/L	<0.93	5.0	06/19/20 06:28	
4-Chlorotoluene	ug/L	<0.76	2.5	06/19/20 06:28	
Benzene	ug/L	<0.25	1.0	06/19/20 06:28	
Bromobenzene	ug/L	<0.24	1.0	06/19/20 06:28	
Bromochloromethane	ug/L	<0.36	5.0	06/19/20 06:28	
Bromodichloromethane	ug/L	<0.36	1.2	06/19/20 06:28	
Bromoform	ug/L	<4.0	13.2	06/19/20 06:28	
Bromomethane	ug/L	<0.97	5.0	06/19/20 06:28	
Carbon tetrachloride	ug/L	<1.1	3.6	06/19/20 06:28	
Chlorobenzene	ug/L	<0.71	2.4	06/19/20 06:28	
Chloroethane	ug/L	<1.3	5.0	06/19/20 06:28	
Chloroform	ug/L	<1.3	5.0	06/19/20 06:28	
Chloromethane	ug/L	<2.2	7.3	06/19/20 06:28	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	06/19/20 06:28	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	06/19/20 06:28	
Dibromochloromethane	ug/L	<2.6	8.7	06/19/20 06:28	
Dibromomethane	ug/L	<0.94	3.1	06/19/20 06:28	
Dichlorodifluoromethane	ug/L	<0.50	5.0	06/19/20 06:28	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

METHOD BLANK: 2070026 Matrix: Water
Associated Lab Samples: 40209608008, 40209608009, 40209608010, 40209608011, 40209608012, 40209608013, 40209608014, 40209608015, 40209608016, 40209608017, 40209608018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.9	6.3	06/19/20 06:28	
Ethylbenzene	ug/L	<0.32	1.1	06/19/20 06:28	
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	06/19/20 06:28	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	06/19/20 06:28	
m&p-Xylene	ug/L	<0.47	2.0	06/19/20 06:28	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	06/19/20 06:28	
Methylene Chloride	ug/L	<0.58	5.0	06/19/20 06:28	
n-Butylbenzene	ug/L	<0.71	2.4	06/19/20 06:28	
n-Propylbenzene	ug/L	<0.81	5.0	06/19/20 06:28	
Naphthalene	ug/L	<1.2	5.0	06/19/20 06:28	
o-Xylene	ug/L	<0.26	1.0	06/19/20 06:28	
p-Isopropyltoluene	ug/L	<0.80	2.7	06/19/20 06:28	
sec-Butylbenzene	ug/L	<0.85	5.0	06/19/20 06:28	
Styrene	ug/L	<3.0	10.0	06/19/20 06:28	
tert-Butylbenzene	ug/L	<0.30	1.0	06/19/20 06:28	
Tetrachloroethene	ug/L	<0.33	1.1	06/19/20 06:28	
Toluene	ug/L	<0.27	0.90	06/19/20 06:28	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	06/19/20 06:28	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	06/19/20 06:28	
Trichloroethene	ug/L	<0.26	1.0	06/19/20 06:28	
Trichlorofluoromethane	ug/L	<0.21	1.0	06/19/20 06:28	
Vinyl chloride	ug/L	<0.17	1.0	06/19/20 06:28	
4-Bromofluorobenzene (S)	%	91	70-130	06/19/20 06:28	
Dibromofluoromethane (S)	%	107	70-130	06/19/20 06:28	
Toluene-d8 (S)	%	97	70-130	06/19/20 06:28	

LABORATORY CONTROL SAMPLE: 2070027

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.1	110	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	51.5	103	64-131	
1,1,2-Trichloroethane	ug/L	50	49.4	99	70-130	
1,1-Dichloroethane	ug/L	50	52.6	105	69-163	
1,1-Dichloroethene	ug/L	50	56.1	112	77-123	
1,2,4-Trichlorobenzene	ug/L	50	48.6	97	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	49.0	98	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	50.8	102	70-130	
1,2-Dichlorobenzene	ug/L	50	52.9	106	70-130	
1,2-Dichloroethane	ug/L	50	50.6	101	78-142	
1,2-Dichloropropane	ug/L	50	47.8	96	86-134	
1,3-Dichlorobenzene	ug/L	50	53.9	108	70-130	
1,4-Dichlorobenzene	ug/L	50	51.1	102	70-130	
Benzene	ug/L	50	53.1	106	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

LABORATORY CONTROL SAMPLE: 2070027

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	50	52.8	106	70-130	
Bromoform	ug/L	50	44.4	89	70-130	
Bromomethane	ug/L	50	41.1	82	39-129	
Carbon tetrachloride	ug/L	50	52.1	104	70-132	
Chlorobenzene	ug/L	50	51.9	104	70-130	
Chloroethane	ug/L	50	54.6	109	66-140	
Chloroform	ug/L	50	52.3	105	75-132	
Chloromethane	ug/L	50	44.5	89	32-143	
cis-1,2-Dichloroethene	ug/L	50	52.9	106	70-130	
cis-1,3-Dichloropropene	ug/L	50	53.1	106	70-130	
Dibromochloromethane	ug/L	50	54.2	108	70-130	
Dichlorodifluoromethane	ug/L	50	44.4	89	10-141	
Ethylbenzene	ug/L	50	51.9	104	80-120	
Isopropylbenzene (Cumene)	ug/L	50	54.4	109	70-130	
m&p-Xylene	ug/L	100	106	106	70-130	
Methyl-tert-butyl ether	ug/L	50	50.3	101	61-129	
Methylene Chloride	ug/L	50	53.5	107	70-130	
o-Xylene	ug/L	50	52.9	106	70-130	
Styrene	ug/L	50	52.1	104	70-130	
Tetrachloroethene	ug/L	50	46.1	92	70-130	
Toluene	ug/L	50	50.2	100	80-120	
trans-1,2-Dichloroethene	ug/L	50	55.4	111	70-130	
trans-1,3-Dichloropropene	ug/L	50	45.0	90	69-130	
Trichloroethene	ug/L	50	52.4	105	70-130	
Trichlorofluoromethane	ug/L	50	58.7	117	75-145	
Vinyl chloride	ug/L	50	54.9	110	51-140	
4-Bromofluorobenzene (S)	%			104	70-130	
Dibromofluoromethane (S)	%			106	70-130	
Toluene-d8 (S)	%			95	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2070764 2070765

Parameter	Units	40209608017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.24	50	50	54.9	55.9	110	112	70-130	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	52.5	52.5	105	105	64-137	0	20	
1,1,2-Trichloroethane	ug/L	<0.55	50	50	48.4	48.7	97	97	70-137	1	20	
1,1-Dichloroethane	ug/L	<0.27	50	50	51.9	51.6	104	103	69-163	1	20	
1,1-Dichloroethene	ug/L	<0.24	50	50	53.9	55.4	108	111	77-129	3	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	48.9	50.1	98	100	68-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	51.1	50.4	102	101	60-130	1	20	
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	51.7	52.5	103	105	70-130	2	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	53.7	53.8	107	108	70-130	0	20	
1,2-Dichloroethane	ug/L	<0.28	50	50	49.7	49.1	99	98	78-145	1	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2070764 2070765

Parameter	Units	40209608017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloropropane	ug/L	<0.28	50	50	47.4	47.9	95	96	86-135	1	20	
1,3-Dichlorobenzene	ug/L	<0.63	50	50	54.0	54.9	108	110	70-130	2	20	
1,4-Dichlorobenzene	ug/L	<0.94	50	50	50.1	51.0	100	102	70-130	2	20	
Benzene	ug/L	<0.25	50	50	53.4	53.5	107	107	70-136	0	20	
Bromodichloromethane	ug/L	<0.36	50	50	53.2	53.1	106	106	70-130	0	20	
Bromoform	ug/L	<4.0	50	50	43.7	44.1	87	88	69-130	1	20	
Bromomethane	ug/L	<0.97	50	50	40.0	42.3	80	85	39-138	6	20	
Carbon tetrachloride	ug/L	<1.1	50	50	52.2	53.0	104	106	70-142	1	20	
Chlorobenzene	ug/L	<0.71	50	50	51.5	52.2	103	104	70-130	1	20	
Chloroethane	ug/L	<1.3	50	50	49.6	52.8	99	106	61-149	6	20	
Chloroform	ug/L	<1.3	50	50	52.4	52.8	105	106	75-133	1	20	
Chloromethane	ug/L	<2.2	50	50	43.4	43.0	87	86	32-143	1	20	
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	53.5	53.9	107	108	70-130	1	20	
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	53.0	52.4	106	105	70-130	1	20	
Dibromochloromethane	ug/L	<2.6	50	50	54.4	55.0	109	110	70-130	1	20	
Dichlorodifluoromethane	ug/L	<0.50	50	50	42.1	42.1	84	84	10-141	0	20	
Ethylbenzene	ug/L	<0.32	50	50	52.0	52.6	104	105	80-120	1	20	
Isopropylbenzene (Cumene)	ug/L	<1.7	50	50	53.6	53.7	107	107	70-130	0	20	
m&p-Xylene	ug/L	<0.47	100	100	103	106	103	106	70-130	3	20	
Methyl-tert-butyl ether	ug/L	<1.2	50	50	50.0	48.9	100	98	61-136	2	20	
Methylene Chloride	ug/L	<0.58	50	50	52.0	52.3	104	104	68-137	1	20	
o-Xylene	ug/L	<0.26	50	50	51.5	52.0	103	104	70-130	1	20	
Styrene	ug/L	<3.0	50	50	51.3	53.0	103	106	70-130	3	20	
Tetrachloroethene	ug/L	0.79J	50	50	47.3	48.4	93	95	70-130	2	20	
Toluene	ug/L	<0.27	50	50	49.5	50.6	99	101	80-120	2	20	
trans-1,2-Dichloroethene	ug/L	<0.46	50	50	54.5	55.0	109	110	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	43.5	45.0	87	90	69-130	3	20	
Trichloroethene	ug/L	<0.26	50	50	53.5	52.7	107	105	70-130	1	20	
Trichlorofluoromethane	ug/L	<0.21	50	50	56.4	57.9	113	116	74-157	3	20	
Vinyl chloride	ug/L	<0.17	50	50	53.1	52.9	106	106	51-140	0	20	
4-Bromofluorobenzene (S)	%						101	99	70-130			
Dibromofluoromethane (S)	%						107	108	70-130			
Toluene-d8 (S)	%						94	96	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

QC Batch: 357825
QC Batch Method: EPA 300.0
Analysis Method: EPA 300.0
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209608004, 40209608005, 40209608008, 40209608011, 40209608015

METHOD BLANK: 2069957 Matrix: Water
Associated Lab Samples: 40209608004, 40209608005, 40209608008, 40209608011, 40209608015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	<0.044	0.15	06/17/20 00:18	
Sulfate	mg/L	<0.44	2.0	06/17/20 00:18	

LABORATORY CONTROL SAMPLE: 2069958

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	1.5	1.5	97	90-110	
Sulfate	mg/L	20	19.6	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2069959 2069960

Parameter	Units	40209608004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	<0.044	1.5	1.5	1.8	1.7	120	115	90-110	4	15	M0
Sulfate	mg/L	94.1	100	100	202	194	108	100	90-110	4	15	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

QC Batch: 357960 | Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 | Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209608003, 40209608007, 40209608009, 40209608010, 40209608012, 40209608013, 40209608014

METHOD BLANK: 2070612 Matrix: Water
Associated Lab Samples: 40209608003, 40209608007, 40209608009, 40209608010, 40209608012, 40209608013, 40209608014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	06/18/20 14:30	

LABORATORY CONTROL SAMPLE: 2070613

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	20.2	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2070614 2070615

Parameter	Units	40209152003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	111	200	200	314	312	102	100	90-110	1	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2070616 2070617

Parameter	Units	40209189002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	89.1	200	200	284	291	98	101	90-110	2	15	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

QC Batch: 358486 Analysis Method: EPA 310.2
QC Batch Method: EPA 310.2 Analysis Description: 310.2 Alkalinity
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209608003, 40209608004, 40209608005, 40209608007, 40209608008, 40209608009, 40209608010, 40209608011, 40209608012, 40209608013, 40209608014, 40209608015

METHOD BLANK: 2073320 Matrix: Water
Associated Lab Samples: 40209608003, 40209608004, 40209608005, 40209608007, 40209608008, 40209608009, 40209608010, 40209608011, 40209608012, 40209608013, 40209608014, 40209608015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	24.8	06/24/20 11:26	

LABORATORY CONTROL SAMPLE: 2073321

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	98.6	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2073322 2073323

Parameter	Units	40209608009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	684	500	500	1170	1180	97	98	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2073324 2073325

Parameter	Units	40209714007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	404	200	200	595	594	95	95	90-110	0	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

QC Batch: 357829 — Analysis Method: SM 5310C
QC Batch Method: SM 5310C — Analysis Description: 5310C Total Organic Carbon
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209608003, 40209608004, 40209608005, 40209608007, 40209608008, 40209608009, 40209608010, 40209608011, 40209608012, 40209608013, 40209608014, 40209608015

METHOD BLANK: 2069972 — Matrix: Water
Associated Lab Samples: 40209608003, 40209608004, 40209608005, 40209608007, 40209608008, 40209608009, 40209608010, 40209608011, 40209608012, 40209608013, 40209608014, 40209608015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.14	0.50	06/18/20 16:35	

LABORATORY CONTROL SAMPLE: 2069973

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	12.6	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2069974 2069975

Parameter	Units	40209608003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	1.5	6	6	7.7	7.7	103	104	80-120	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2069976 2069977

Parameter	Units	40209608004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	9.2	36	36	46.7	46.6	104	104	80-120	0	10	

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REPORT OF LABORATORY ANALYSIS

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(920)469-2436

QUALIFIERS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40209608003	MW-38	EPA 8015B Modified	357991		
40209608004	MW-17R	EPA 8015B Modified	357991		
40209608005	MW-37R	EPA 8015B Modified	357991		
40209608007	MW-4	EPA 8015B Modified	357991		
40209608008	MW-16	EPA 8015B Modified	357991		
40209608009	MW-2	EPA 8015B Modified	357991		
40209608010	MW-1R	EPA 8015B Modified	358107		
40209608011	MW-39	EPA 8015B Modified	358107		
40209608012	MW-42	EPA 8015B Modified	358107		
40209608013	MW-18R	EPA 8015B Modified	358107		
40209608014	MW-41	EPA 8015B Modified	358107		
40209608015	MW-40	EPA 8015B Modified	358107		
40209608003	MW-38	EPA 6010	358060		
40209608004	MW-17R	EPA 6010	358060		
40209608005	MW-37R	EPA 6010	358060		
40209608007	MW-4	EPA 6010	358060		
40209608008	MW-16	EPA 6010	358060		
40209608009	MW-2	EPA 6010	358060		
40209608010	MW-1R	EPA 6010	358060		
40209608011	MW-39	EPA 6010	358060		
40209608012	MW-42	EPA 6010	358060		
40209608013	MW-18R	EPA 6010	358060		
40209608014	MW-41	EPA 6010	358060		
40209608015	MW-40	EPA 6010	358060		
40209608001	MW-11	EPA 8260	357842		
40209608002	MW-21	EPA 8260	357842		
40209608003	MW-38	EPA 8260	357842		
40209608004	MW-17R	EPA 8260	357842		
40209608005	MW-37R	EPA 8260	357842		
40209608006	MW-4A	EPA 8260	357842		
40209608007	MW-4	EPA 8260	357842		
40209608008	MW-16	EPA 8260	357843		
40209608009	MW-2	EPA 8260	357843		
40209608010	MW-1R	EPA 8260	357843		
40209608011	MW-39	EPA 8260	357843		
40209608012	MW-42	EPA 8260	357843		
40209608013	MW-18R	EPA 8260	357843		
40209608014	MW-41	EPA 8260	357843		
40209608015	MW-40	EPA 8260	357843		
40209608016	RW-8	EPA 8260	357843		
40209608017	DUP-1	EPA 8260	357843		
40209608018	TRIP	EPA 8260	357843		
40209608003	MW-38	EPA 300.0	357960		
40209608004	MW-17R	EPA 300.0	357825		
40209608005	MW-37R	EPA 300.0	357825		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209608

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40209608007	**MW-4**	EPA 300.0	357960		
40209608008	**MW-16**	EPA 300.0	357825		
40209608009	**MW-2**	EPA 300.0	357960		
40209608010	**MW-1R**	EPA 300.0	357960		
40209608011	**MW-39**	EPA 300.0	357825		
40209608012	**MW-42**	EPA 300.0	357960		
40209608013	**MW-18R**	EPA 300.0	357960		
40209608014	**MW-41**	EPA 300.0	357960		
40209608015	**MW-40**	EPA 300.0	357825		
40209608003	**MW-38**	EPA 310.2	358486		
40209608004	**MW-17R**	EPA 310.2	358486		
40209608005	**MW-37R**	EPA 310.2	358486		
40209608007	**MW-4**	EPA 310.2	358486		
40209608008	**MW-16**	EPA 310.2	358486		
40209608009	**MW-2**	EPA 310.2	358486		
40209608010	**MW-1R**	EPA 310.2	358486		
40209608011	**MW-39**	EPA 310.2	358486		
40209608012	**MW-42**	EPA 310.2	358486		
40209608013	**MW-18R**	EPA 310.2	358486		
40209608014	**MW-41**	EPA 310.2	358486		
40209608015	**MW-40**	EPA 310.2	358486		
40209608003	**MW-38**	SM 5310C	357829		
40209608004	**MW-17R**	SM 5310C	357829		
40209608005	**MW-37R**	SM 5310C	357829		
40209608007	**MW-4**	SM 5310C	357829		
40209608008	**MW-16**	SM 5310C	357829		
40209608009	**MW-2**	SM 5310C	357829		
40209608010	**MW-1R**	SM 5310C	357829		
40209608011	**MW-39**	SM 5310C	357829		
40209608012	**MW-42**	SM 5310C	357829		
40209608013	**MW-18R**	SM 5310C	357829		
40209608014	**MW-41**	SM 5310C	357829		
40209608015	**MW-40**	SM 5310C	357829		

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

Page 1 of

40209608

CHAIN OF CUSTODY

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

(Please Print Clearly)	
Company Name:	GZA GeoEnvironmental
Branch/Location:	Brookfield
Project Contact:	Kevin Hedinger
Phone:	262-424-7761
Project Number:	20.0155935.01
Project Name:	Trent Tube GW June 2020
Project State:	Wisconsin
Sampled By (Print):	Sheryl Stephenson
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	SAME
Mail To Contact:	
Mail To Company:	
Mail To Address:	
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, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Y/N	Pick Letter	VOCs	Ethene/Methane/Ethane	TOC	Sulfate/alk	Nitrate	Diss Iron
001	MW-11	6/15/20	1000	GW	N	B	X					
002	MW-21		1047		N	B	X					
003	MW-38		1127		N	C	X	X	X	X		X
004	MW-17R		1205		N	A	X	X	X	X	X	X
005	MW-37R		1249		N	A	X	X	X	X	X	X
006	MW-4A		1417		N	D	X	[illegible]	[illegible]	[illegible]		[illegible]
007	MW-4		1444				X	X	X	X		X
008	MW-16		1527				X	X	X	X	X	X
009	MW-2		1005				X	X	X	X		X
010	MW-1R		1042				X	X	X	X		X
011	MW-39		1123				X	X	X	X	X	X
012	MW-42		1201				X	X	X	X		X
013	MW-18R	↓	1241	↓			X	X	X	X		X

CLIENT COMMENTS

LAB COMMENTS (Lab Use Only)

Profile #

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

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

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
	6/15/2020 1630		
CS Logistics	6/16/20 0910	Ent Cell/Pace	6/16/20 0910

PACE Project No.: 40209608
Receipt Temp = 8.0 °C
Sample Receipt pH: (OK) / Adjusted
Cooler Custody Seal: (Present) / Not Present; (Intact) / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

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

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CHAIN OF CUSTODY

40209608

(Please Print Clearly)	
Company Name:	GZA GeoEnvironmental
Branch/Location:	Brookfield
Project Contact:	262-424-1761
Phone:	~~27~~. Kevin Hedinger
Project Number:	20.0155935.01
Project Name:	Trent Tube Groundwater June 2020
Project State:	Wisconsin
Sampled By (Print):	Sheryl Stephenson
Sampled By (Sign):	
PO #:	Regulatory Program:

*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

Quote #:	SAME
Mail To Contact:	
Mail To Company:	
Mail To Address:	
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, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	VOCs	Methane Ethane/Ethene	TOC	Sulfate / Alk.	Nitrate	Diss. Iron
	Analyses Requested				N	B	B	C	A	A	D	
014	MW-41	6/15/20	1435	GW		X	X	X	X		X	
015	MW-40	↓	1512	↓		X	X	X	X	X	X	
016	RW-8	↓	1349	↓		X						
017	DUP-1	↓	—	↓		X						
018	Trip	↓	—	W		X						

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #

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

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

Email #1:	
Email #2:	
Telephone:	
Fax:	

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
	6/15/2020 1630		
CS Logistics	6/16/20 0910	Eric Neil Pace	6/16/20 0910

PACE Project No. 40209608
Receipt Temp = 8.0 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

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

Sample Preservation Receipt Form

Client Name: GZA Project # _____

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

Lab Lot# of pH paper: 10052791 Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass								Plastic					Vials						Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN							
001																	3															2.5 / 5 / 10
002																	3															2.5 / 5 / 10
003				1						1		1					6													X		2.5 / 5 / 10
004				1						1		1					6													X		2.5 / 5 / 10
005				1						1		1					6													X		2.5 / 5 / 10
006																	3															2.5 / 5 / 10
007				1						1		1					6													X		2.5 / 5 / 10
008				1						1		1					6													X		2.5 / 5 / 10
009				1						1		1					6													X		2.5 / 5 / 10
010				1						1		1					6													X		2.5 / 5 / 10
011				1						1		1					6													X		2.5 / 5 / 10
012				1						1		1					6										1			X		2.5 / 5 / 10
013				1						1		1					6													X		2.5 / 5 / 10
014				1						1		1					6													X		2.5 / 5 / 10
015				1						1		1					6													X		2.5 / 5 / 10
016																	2															2.5 / 5 / 10
017																	3															2.5 / 5 / 10
018																	1															2.5 / 5 / 10
019																							SMW 6/11/20									2.5 / 5 / 10
020																																2.5 / 5 / 10

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

AG1U	1 liter amber glass
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG4U	120 mL amber glass unpres
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

BP1U	1 liter plastic unpres
BP3U	250 mL plastic unpres
BP3B	250 mL plastic NaOH
BP3N	250 mL plastic HNO3
BP3S	250 mL plastic H2SO4

VG9A	40 mL clear ascorbic
DG9T	40 mL amber Na Thio
VG9U	40 mL clear vial unpres
VG9H	40 mL clear vial HCL
VG9M	40 mL clear vial MeOH
VG9D	40 mL clear vial DI

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres
SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN	

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

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40209608

40209608

Client Name: GZA

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

Tracking #: 1689 061520

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

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

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

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

Cooler Temperature Uncorr: ROI /Corr:

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

Person examining contents: Date: 6/16/20 /Initials: EMW

Labeled By Initials: C

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☐Yes ☑No ☐N/A	2. No pg # EMW 6/16/20
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☑Yes ☐No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD:	☐Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☑Yes ☐No ☐N/A	11.
Sample Labels match COC:	☐Yes ☑No ☐N/A	12. 004 AG4S time "1204" 015 times are "1512" some 5's in time ~~writ~~ appear to be 3's EMW 6/16/20
-Includes date/time/ID/Analysis Matrix: W		
Trip Blank Present:	☑Yes ☐No ☐N/A	13. EMW 6/16/20
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 447		

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

Person Contacted: Date/Time:

Comments/ Resolution:

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

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

June 24, 2020

Kevin Hedinger
GZA
17975 West Sarah Lane
Suite 100
Brookfield, WI 53045

RE: Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Dear Kevin Hedinger:

Enclosed are the analytical results for sample(s) received by the laboratory on June 17, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

Christopher Hyska

Christopher Hyska
christopher.hyska@pacelabs.com
(920)469-2436
Project Manager

Enclosures

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

CERTIFICATIONS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

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

SAMPLE SUMMARY

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40209634001	**MW-8**	Water	06/16/20 08:58	06/17/20 08:40
40209634002	**MW-20**	Water	06/16/20 09:30	06/17/20 08:40
40209634003	**MW-7R**	Water	06/16/20 10:11	06/17/20 08:40
40209634004	**MW-19**	Water	06/16/20 11:14	06/17/20 08:40
40209634005	**OP-15**	Water	06/16/20 13:13	06/17/20 08:40
40209634006	**OP-16**	Water	06/16/20 14:13	06/17/20 08:40
40209634007	**MW-15**	Water	06/16/20 08:59	06/17/20 08:40
40209634008	**OP-11**	Water	06/16/20 09:30	06/17/20 08:40
40209634009	**MW-12**	Water	06/16/20 09:59	06/17/20 08:40
40209634010	**MW-13R**	Water	06/16/20 11:27	06/17/20 08:40
40209634011	**OP-14**	Water	06/16/20 13:06	06/17/20 08:40
40209634012	**OP-2**	Water	06/16/20 13:58	06/17/20 08:40
40209634013	**DUP-2**	Water	06/16/20 00:00	06/17/20 08:40
40209634014	**OP-9**	Water	06/16/20 10:55	06/17/20 08:40
40209634015	**TRIP**	Water	06/16/20 00:00	06/17/20 08:40

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Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40209634001	**MW-8**	EPA 8260	HNW	64	PASI-G
40209634002	**MW-20**	EPA 8260	HNW	64	PASI-G
40209634003	**MW-7R**	EPA 8260	HNW	64	PASI-G
40209634004	**MW-19**	EPA 8260	HNW	64	PASI-G
40209634005	**OP-15**	EPA 8260	HNW	64	PASI-G
40209634006	**OP-16**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40209634007	**MW-15**	EPA 8260	HNW	64	PASI-G
40209634008	**OP-11**	EPA 8260	HNW	64	PASI-G
40209634009	**MW-12**	EPA 8260	HNW	64	PASI-G
40209634010	**MW-13R**	EPA 8260	HNW	64	PASI-G
40209634011	**OP-14**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40209634012	**OP-2**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40209634013	**DUP-2**	EPA 8260	HNW	64	PASI-G
40209634014	**OP-9**	EPA 8260	HNW	64	PASI-G
40209634015	**TRIP**	EPA 8260	HNW	64	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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

SUMMARY OF DETECTION

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40209634001	**MW-8**					
EPA 8260	1,1-Dichloroethane	0.37J	ug/L	1.0	06/19/20 08:16	
EPA 8260	Tetrachloroethene	0.36J	ug/L	1.1	06/19/20 08:16	
EPA 8260	Vinyl chloride	0.38J	ug/L	1.0	06/19/20 08:16	
EPA 8260	cis-1,2-Dichloroethene	0.67J	ug/L	1.0	06/19/20 08:16	
40209634002	**MW-20**					
EPA 8260	cis-1,2-Dichloroethene	0.50J	ug/L	1.0	06/19/20 16:42	
40209634003	**MW-7R**					
EPA 8260	1,1-Dichloroethane	2.8	ug/L	1.0	06/19/20 10:54	
EPA 8260	1,1-Dichloroethene	0.49J	ug/L	1.0	06/19/20 10:54	
EPA 8260	Tetrachloroethene	0.35J	ug/L	1.1	06/19/20 10:54	
EPA 8260	Trichloroethene	0.80J	ug/L	1.0	06/19/20 10:54	
EPA 8260	Vinyl chloride	46.4	ug/L	1.0	06/19/20 10:54	
EPA 8260	cis-1,2-Dichloroethene	222	ug/L	1.0	06/19/20 10:54	
EPA 8260	trans-1,2-Dichloroethene	1.5J	ug/L	1.5	06/19/20 10:54	
40209634004	**MW-19**					
EPA 8260	1,1-Dichloroethane	1.4	ug/L	1.0	06/19/20 11:16	
EPA 8260	Vinyl chloride	40.7	ug/L	1.0	06/19/20 11:16	
EPA 8260	cis-1,2-Dichloroethene	9.0	ug/L	1.0	06/19/20 11:16	
40209634005	**OP-15**					
EPA 8260	1,1,1-Trichloroethane	14.6	ug/L	2.5	06/19/20 08:39	
EPA 8260	1,1,2-Trichloroethane	1.4J	ug/L	12.5	06/19/20 08:39	
EPA 8260	1,1-Dichloroethane	8.6	ug/L	2.5	06/19/20 08:39	
EPA 8260	1,1-Dichloroethene	1.7J	ug/L	2.5	06/19/20 08:39	
EPA 8260	Tetrachloroethene	21.6	ug/L	2.7	06/19/20 08:39	
EPA 8260	Trichloroethene	312	ug/L	2.5	06/19/20 08:39	
EPA 8260	Vinyl chloride	33.0	ug/L	2.5	06/19/20 08:39	
EPA 8260	cis-1,2-Dichloroethene	342	ug/L	2.5	06/19/20 08:39	
EPA 8260	trans-1,2-Dichloroethene	7.7	ug/L	3.9	06/19/20 08:39	
40209634006	**OP-16**					
EPA 8015B Modified	Ethane	8.8	ug/L	5.6	06/19/20 11:21	
EPA 8015B Modified	Ethene	2.6J	ug/L	5.0	06/19/20 11:21	
EPA 8015B Modified	Methane	1420	ug/L	28.0	06/19/20 13:38	
EPA 6010	Iron, Dissolved	2540	ug/L	100	06/18/20 23:00	
EPA 8260	1,1,1-Trichloroethane	3.8	ug/L	2.0	06/19/20 09:01	
EPA 8260	1,1-Dichloroethane	22.5	ug/L	2.0	06/19/20 09:01	
EPA 8260	1,1-Dichloroethene	0.94J	ug/L	2.0	06/19/20 09:01	
EPA 8260	Tetrachloroethene	0.76J	ug/L	2.2	06/19/20 09:01	
EPA 8260	Trichloroethene	58.3	ug/L	2.0	06/19/20 09:01	
EPA 8260	Vinyl chloride	80.3	ug/L	2.0	06/19/20 09:01	
EPA 8260	cis-1,2-Dichloroethene	143	ug/L	2.0	06/19/20 09:01	
EPA 8260	o-Xylene	0.87J	ug/L	2.0	06/19/20 09:01	
EPA 8260	trans-1,2-Dichloroethene	1.4J	ug/L	3.1	06/19/20 09:01	
EPA 300.0	Sulfate	32.4	mg/L	2.0	06/17/20 11:40	M0
EPA 310.2	Alkalinity, Total as CaCO3	456	mg/L	24.8	06/24/20 11:55	

Pace Analytical Services, LLC
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SUMMARY OF DETECTION

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40209634006	**OP-16**					
SM 5310C	Total Organic Carbon	6.1	mg/L	1.0	06/18/20 22:56	
40209634007	**MW-15**					
EPA 8260	1,1,1-Trichloroethane	5.4	ug/L	1.0	06/19/20 11:38	
EPA 8260	1,1-Dichloroethane	26.0	ug/L	1.0	06/19/20 11:38	
EPA 8260	Naphthalene	1.5J	ug/L	5.0	06/19/20 11:38	
EPA 8260	Tetrachloroethene	0.59J	ug/L	1.1	06/19/20 11:38	
EPA 8260	Trichloroethene	1.9	ug/L	1.0	06/19/20 11:38	
EPA 8260	Vinyl chloride	3.6	ug/L	1.0	06/19/20 11:38	
EPA 8260	cis-1,2-Dichloroethene	3.0	ug/L	1.0	06/19/20 11:38	
40209634008	**OP-11**					
EPA 8260	1,1-Dichloroethane	1.3	ug/L	1.0	06/19/20 12:01	
EPA 8260	Benzene	0.40J	ug/L	1.0	06/19/20 12:01	
EPA 8260	Vinyl chloride	46.0	ug/L	1.0	06/19/20 12:01	
EPA 8260	cis-1,2-Dichloroethene	0.84J	ug/L	1.0	06/19/20 12:01	
40209634009	**MW-12**					
EPA 8260	Vinyl chloride	0.42J	ug/L	1.0	06/19/20 12:24	
40209634010	**MW-13R**					
EPA 8260	1,1-Dichloroethane	2.0	ug/L	1.0	06/19/20 12:46	
EPA 8260	Vinyl chloride	10.0	ug/L	1.0	06/19/20 12:46	
EPA 8260	cis-1,2-Dichloroethene	3.4	ug/L	1.0	06/19/20 12:46	
EPA 8260	trans-1,2-Dichloroethene	1.2J	ug/L	1.5	06/19/20 12:46	
40209634011	**OP-14**					
EPA 6010	Iron, Dissolved	131	ug/L	100	06/18/20 23:03	
EPA 8260	1,1,1-Trichloroethane	1.4J	ug/L	4.0	06/19/20 09:24	
EPA 8260	Tetrachloroethene	3.8J	ug/L	4.4	06/19/20 09:24	
EPA 8260	Trichloroethene	168	ug/L	4.0	06/19/20 09:24	
EPA 8260	cis-1,2-Dichloroethene	209	ug/L	4.0	06/19/20 09:24	
EPA 300.0	Sulfate	55.8	mg/L	10.0	06/18/20 12:35	
EPA 310.2	Alkalinity, Total as CaCO3	451	mg/L	24.8	06/24/20 11:56	
SM 5310C	Total Organic Carbon	11.5	mg/L	1.5	06/18/20 23:13	
40209634012	**OP-2**					
EPA 8260	1,1,1-Trichloroethane	326	ug/L	2.0	06/19/20 09:46	
EPA 8260	1,1-Dichloroethane	42.2	ug/L	2.0	06/19/20 09:46	
EPA 8260	1,1-Dichloroethene	17.0	ug/L	2.0	06/19/20 09:46	
EPA 8260	Tetrachloroethene	1.3J	ug/L	2.2	06/19/20 09:46	
EPA 8260	Trichloroethene	414	ug/L	2.0	06/19/20 09:46	
EPA 8260	cis-1,2-Dichloroethene	762	ug/L	10.0	06/19/20 16:20	
EPA 8260	trans-1,2-Dichloroethene	3.8	ug/L	3.1	06/19/20 09:46	
EPA 300.0	Nitrate as N	0.11J	mg/L	0.15	06/17/20 12:37	
EPA 300.0	Sulfate	61.8	mg/L	10.0	06/18/20 12:49	
EPA 310.2	Alkalinity, Total as CaCO3	395	mg/L	49.6	06/24/20 11:57	
SM 5310C	Total Organic Carbon	2.6	mg/L	0.50	06/18/20 23:28	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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SUMMARY OF DETECTION

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40209634013	**DUP-2**					
EPA 8260	Vinyl chloride	0.42J	ug/L	1.0	06/19/20 13:08	
40209634014	**OP-9**					
EPA 8260	1,1-Dichloroethane	0.68J	ug/L	1.0	06/19/20 13:30	
EPA 8260	Trichloroethene	0.88J	ug/L	1.0	06/19/20 13:30	
EPA 8260	Vinyl chloride	41.7	ug/L	1.0	06/19/20 13:30	
EPA 8260	cis-1,2-Dichloroethene	9.0	ug/L	1.0	06/19/20 13:30	
EPA 8260	trans-1,2-Dichloroethene	3.3	ug/L	1.5	06/19/20 13:30	

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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Sample: MW-8 **Lab ID: 40209634001** Collected: 06/16/20 08:58 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/19/20 08:16	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/19/20 08:16	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 08:16	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/19/20 08:16	79-00-5	
1,1-Dichloroethane	**0.37J**	ug/L	1.0	0.27	1		06/19/20 08:16	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 08:16	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/19/20 08:16	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/19/20 08:16	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/19/20 08:16	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/19/20 08:16	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/19/20 08:16	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/19/20 08:16	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/19/20 08:16	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 08:16	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 08:16	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 08:16	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/19/20 08:16	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/19/20 08:16	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/19/20 08:16	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/19/20 08:16	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/19/20 08:16	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/19/20 08:16	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/19/20 08:16	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/19/20 08:16	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 08:16	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/19/20 08:16	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/19/20 08:16	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/19/20 08:16	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/19/20 08:16	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/19/20 08:16	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 08:16	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/19/20 08:16	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/19/20 08:16	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/19/20 08:16	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/19/20 08:16	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/19/20 08:16	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/19/20 08:16	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/19/20 08:16	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/19/20 08:16	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/19/20 08:16	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/19/20 08:16	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/19/20 08:16	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/19/20 08:16	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/19/20 08:16	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/19/20 08:16	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Sample: MW-8 **Lab ID: 40209634001** Collected: 06/16/20 08:58 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Tetrachloroethene	**0.36J**	ug/L	1.1	0.33	1		06/19/20 08:16	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/19/20 08:16	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 08:16	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/19/20 08:16	75-69-4	
Vinyl chloride	**0.38J**	ug/L	1.0	0.17	1		06/19/20 08:16	75-01-4	
cis-1,2-Dichloroethene	**0.67J**	ug/L	1.0	0.27	1		06/19/20 08:16	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/19/20 08:16	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/19/20 08:16	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 08:16	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/19/20 08:16	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 08:16	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/19/20 08:16	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/19/20 08:16	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/19/20 08:16	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/19/20 08:16	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/19/20 08:16	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		06/19/20 08:16	460-00-4	
Dibromofluoromethane (S)	90	%	70-130		1		06/19/20 08:16	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		06/19/20 08:16	2037-26-5	

Sample: MW-20 **Lab ID: 40209634002** Collected: 06/16/20 09:30 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/19/20 16:42	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/19/20 16:42	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 16:42	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/19/20 16:42	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		06/19/20 16:42	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 16:42	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/19/20 16:42	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/19/20 16:42	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/19/20 16:42	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/19/20 16:42	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/19/20 16:42	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/19/20 16:42	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/19/20 16:42	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 16:42	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 16:42	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 16:42	78-87-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Sample: MW-20 **Lab ID: 40209634002** Collected: 06/16/20 09:30 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/19/20 16:42	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/19/20 16:42	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/19/20 16:42	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/19/20 16:42	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/19/20 16:42	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/19/20 16:42	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/19/20 16:42	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/19/20 16:42	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 16:42	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/19/20 16:42	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/19/20 16:42	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/19/20 16:42	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/19/20 16:42	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/19/20 16:42	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 16:42	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/19/20 16:42	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/19/20 16:42	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/19/20 16:42	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/19/20 16:42	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/19/20 16:42	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/19/20 16:42	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/19/20 16:42	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/19/20 16:42	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/19/20 16:42	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/19/20 16:42	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/19/20 16:42	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/19/20 16:42	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/19/20 16:42	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/19/20 16:42	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/19/20 16:42	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/19/20 16:42	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 16:42	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/19/20 16:42	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/19/20 16:42	75-01-4	
cis-1,2-Dichloroethene	**0.50J**	ug/L	1.0	0.27	1		06/19/20 16:42	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/19/20 16:42	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/19/20 16:42	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 16:42	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/19/20 16:42	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 16:42	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/19/20 16:42	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/19/20 16:42	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/19/20 16:42	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/19/20 16:42	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/19/20 16:42	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Sample: MW-20 **Lab ID: 40209634002** Collected: 06/16/20 09:30 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		06/19/20 16:42	460-00-4	
Dibromofluoromethane (S)	90	%	70-130		1		06/19/20 16:42	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		06/19/20 16:42	2037-26-5	

Sample: MW-7R **Lab ID: 40209634003** Collected: 06/16/20 10:11 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/19/20 10:54	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/19/20 10:54	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 10:54	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/19/20 10:54	79-00-5	
1,1-Dichloroethane	**2.8**	ug/L	1.0	0.27	1		06/19/20 10:54	75-34-3	
1,1-Dichloroethene	**0.49J**	ug/L	1.0	0.24	1		06/19/20 10:54	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/19/20 10:54	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/19/20 10:54	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/19/20 10:54	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/19/20 10:54	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/19/20 10:54	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/19/20 10:54	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/19/20 10:54	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 10:54	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 10:54	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 10:54	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/19/20 10:54	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/19/20 10:54	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/19/20 10:54	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/19/20 10:54	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/19/20 10:54	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/19/20 10:54	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/19/20 10:54	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/19/20 10:54	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 10:54	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/19/20 10:54	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/19/20 10:54	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/19/20 10:54	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/19/20 10:54	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/19/20 10:54	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 10:54	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/19/20 10:54	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Sample: MW-7R **Lab ID: 40209634003** Collected: 06/16/20 10:11 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/19/20 10:54	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/19/20 10:54	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/19/20 10:54	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/19/20 10:54	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/19/20 10:54	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/19/20 10:54	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/19/20 10:54	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/19/20 10:54	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/19/20 10:54	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/19/20 10:54	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/19/20 10:54	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/19/20 10:54	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/19/20 10:54	100-42-5	
Tetrachloroethene	**0.35J**	ug/L	1.1	0.33	1		06/19/20 10:54	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/19/20 10:54	108-88-3	
Trichloroethene	**0.80J**	ug/L	1.0	0.26	1		06/19/20 10:54	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/19/20 10:54	75-69-4	
Vinyl chloride	**46.4**	ug/L	1.0	0.17	1		06/19/20 10:54	75-01-4	
cis-1,2-Dichloroethene	**222**	ug/L	1.0	0.27	1		06/19/20 10:54	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/19/20 10:54	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/19/20 10:54	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 10:54	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/19/20 10:54	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 10:54	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/19/20 10:54	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/19/20 10:54	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/19/20 10:54	98-06-6	
trans-1,2-Dichloroethene	**1.5J**	ug/L	1.5	0.46	1		06/19/20 10:54	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/19/20 10:54	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		06/19/20 10:54	460-00-4	
Dibromofluoromethane (S)	92	%	70-130		1		06/19/20 10:54	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		06/19/20 10:54	2037-26-5	

Sample: MW-19 **Lab ID: 40209634004** Collected: 06/16/20 11:14 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/19/20 11:16	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/19/20 11:16	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 11:16	79-34-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Sample: MW-19 **Lab ID: 40209634004** Collected: 06/16/20 11:14 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/19/20 11:16	79-00-5	
1,1-Dichloroethane	**1.4**	ug/L	1.0	0.27	1		06/19/20 11:16	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 11:16	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/19/20 11:16	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/19/20 11:16	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/19/20 11:16	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/19/20 11:16	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/19/20 11:16	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/19/20 11:16	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/19/20 11:16	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 11:16	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 11:16	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 11:16	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/19/20 11:16	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/19/20 11:16	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/19/20 11:16	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/19/20 11:16	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/19/20 11:16	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/19/20 11:16	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/19/20 11:16	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/19/20 11:16	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 11:16	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/19/20 11:16	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/19/20 11:16	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/19/20 11:16	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/19/20 11:16	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/19/20 11:16	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 11:16	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/19/20 11:16	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/19/20 11:16	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/19/20 11:16	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/19/20 11:16	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/19/20 11:16	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/19/20 11:16	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/19/20 11:16	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/19/20 11:16	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/19/20 11:16	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/19/20 11:16	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/19/20 11:16	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/19/20 11:16	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/19/20 11:16	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/19/20 11:16	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/19/20 11:16	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/19/20 11:16	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 11:16	79-01-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Sample: MW-19 **Lab ID: 40209634004** Collected: 06/16/20 11:14 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/19/20 11:16	75-69-4	
Vinyl chloride	**40.7**	ug/L	1.0	0.17	1		06/19/20 11:16	75-01-4	
cis-1,2-Dichloroethene	**9.0**	ug/L	1.0	0.27	1		06/19/20 11:16	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/19/20 11:16	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/19/20 11:16	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 11:16	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/19/20 11:16	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 11:16	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/19/20 11:16	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/19/20 11:16	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/19/20 11:16	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/19/20 11:16	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/19/20 11:16	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		06/19/20 11:16	460-00-4	
Dibromofluoromethane (S)	91	%	70-130		1		06/19/20 11:16	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		06/19/20 11:16	2037-26-5	

Sample: OP-15 **Lab ID: 40209634005** Collected: 06/16/20 13:13 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.67**	ug/L	2.5	0.67	2.5		06/19/20 08:39	630-20-6	
1,1,1-Trichloroethane	**14.6**	ug/L	2.5	0.61	2.5		06/19/20 08:39	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.69**	ug/L	2.5	0.69	2.5		06/19/20 08:39	79-34-5	
1,1,2-Trichloroethane	**1.4J**	ug/L	12.5	1.4	2.5		06/19/20 08:39	79-00-5	
1,1-Dichloroethane	**8.6**	ug/L	2.5	0.68	2.5		06/19/20 08:39	75-34-3	
1,1-Dichloroethene	**1.7J**	ug/L	2.5	0.61	2.5		06/19/20 08:39	75-35-4	
1,1-Dichloropropene	**<1.4**	ug/L	4.5	1.4	2.5		06/19/20 08:39	563-58-6	
1,2,3-Trichlorobenzene	**<5.5**	ug/L	18.4	5.5	2.5		06/19/20 08:39	87-61-6	
1,2,3-Trichloropropane	**<1.5**	ug/L	12.5	1.5	2.5		06/19/20 08:39	96-18-4	
1,2,4-Trichlorobenzene	**<2.4**	ug/L	12.5	2.4	2.5		06/19/20 08:39	120-82-1	
1,2,4-Trimethylbenzene	**<2.1**	ug/L	7.0	2.1	2.5		06/19/20 08:39	95-63-6	
1,2-Dibromo-3-chloropropane	**<4.4**	ug/L	14.7	4.4	2.5		06/19/20 08:39	96-12-8	
1,2-Dibromoethane (EDB)	**<2.1**	ug/L	6.9	2.1	2.5		06/19/20 08:39	106-93-4	
1,2-Dichlorobenzene	**<1.8**	ug/L	5.9	1.8	2.5		06/19/20 08:39	95-50-1	
1,2-Dichloroethane	**<0.70**	ug/L	2.5	0.70	2.5		06/19/20 08:39	107-06-2	
1,2-Dichloropropane	**<0.71**	ug/L	2.5	0.71	2.5		06/19/20 08:39	78-87-5	
1,3,5-Trimethylbenzene	**<2.2**	ug/L	7.3	2.2	2.5		06/19/20 08:39	108-67-8	
1,3-Dichlorobenzene	**<1.6**	ug/L	5.2	1.6	2.5		06/19/20 08:39	541-73-1	
1,3-Dichloropropane	**<2.1**	ug/L	6.9	2.1	2.5		06/19/20 08:39	142-28-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Sample: OP-15 **Lab ID: 40209634005** Collected: 06/16/20 13:13 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,4-Dichlorobenzene	**<2.4**	ug/L	7.9	2.4	2.5		06/19/20 08:39	106-46-7	
2,2-Dichloropropane	**<5.7**	ug/L	18.9	5.7	2.5		06/19/20 08:39	594-20-7	
2-Chlorotoluene	**<2.3**	ug/L	12.5	2.3	2.5		06/19/20 08:39	95-49-8	
4-Chlorotoluene	**<1.9**	ug/L	6.3	1.9	2.5		06/19/20 08:39	106-43-4	
Benzene	**<0.62**	ug/L	2.5	0.62	2.5		06/19/20 08:39	71-43-2	
Bromobenzene	**<0.60**	ug/L	2.5	0.60	2.5		06/19/20 08:39	108-86-1	
Bromochloromethane	**<0.91**	ug/L	12.5	0.91	2.5		06/19/20 08:39	74-97-5	
Bromodichloromethane	**<0.91**	ug/L	3.0	0.91	2.5		06/19/20 08:39	75-27-4	
Bromoform	**<9.9**	ug/L	33.1	9.9	2.5		06/19/20 08:39	75-25-2	
Bromomethane	**<2.4**	ug/L	12.5	2.4	2.5		06/19/20 08:39	74-83-9	
Carbon tetrachloride	**<2.7**	ug/L	9.0	2.7	2.5		06/19/20 08:39	56-23-5	
Chlorobenzene	**<1.8**	ug/L	5.9	1.8	2.5		06/19/20 08:39	108-90-7	
Chloroethane	**<3.4**	ug/L	12.5	3.4	2.5		06/19/20 08:39	75-00-3	
Chloroform	**<3.2**	ug/L	12.5	3.2	2.5		06/19/20 08:39	67-66-3	
Chloromethane	**<5.5**	ug/L	18.2	5.5	2.5		06/19/20 08:39	74-87-3	
Dibromochloromethane	**<6.5**	ug/L	21.7	6.5	2.5		06/19/20 08:39	124-48-1	
Dibromomethane	**<2.3**	ug/L	7.8	2.3	2.5		06/19/20 08:39	74-95-3	
Dichlorodifluoromethane	**<1.2**	ug/L	12.5	1.2	2.5		06/19/20 08:39	75-71-8	
Diisopropyl ether	**<4.7**	ug/L	15.7	4.7	2.5		06/19/20 08:39	108-20-3	
Ethylbenzene	**<0.80**	ug/L	2.7	0.80	2.5		06/19/20 08:39	100-41-4	
Hexachloro-1,3-butadiene	**<3.7**	ug/L	12.2	3.7	2.5		06/19/20 08:39	87-68-3	
Isopropylbenzene (Cumene)	**<4.2**	ug/L	14.0	4.2	2.5		06/19/20 08:39	98-82-8	
Methyl-tert-butyl ether	**<3.1**	ug/L	10.4	3.1	2.5		06/19/20 08:39	1634-04-4	
Methylene Chloride	**<1.5**	ug/L	12.5	1.5	2.5		06/19/20 08:39	75-09-2	
Naphthalene	**<2.9**	ug/L	12.5	2.9	2.5		06/19/20 08:39	91-20-3	
Styrene	**<7.5**	ug/L	25.1	7.5	2.5		06/19/20 08:39	100-42-5	
Tetrachloroethene	**21.6**	ug/L	2.7	0.82	2.5		06/19/20 08:39	127-18-4	
Toluene	**<0.67**	ug/L	2.2	0.67	2.5		06/19/20 08:39	108-88-3	
Trichloroethene	**312**	ug/L	2.5	0.64	2.5		06/19/20 08:39	79-01-6	
Trichlorofluoromethane	**<0.54**	ug/L	2.5	0.54	2.5		06/19/20 08:39	75-69-4	
Vinyl chloride	**33.0**	ug/L	2.5	0.44	2.5		06/19/20 08:39	75-01-4	
cis-1,2-Dichloroethene	**342**	ug/L	2.5	0.68	2.5		06/19/20 08:39	156-59-2	
cis-1,3-Dichloropropene	**<9.1**	ug/L	30.2	9.1	2.5		06/19/20 08:39	10061-01-5	
m&p-Xylene	**<1.2**	ug/L	5.0	1.2	2.5		06/19/20 08:39	179601-23-1	
n-Butylbenzene	**<1.8**	ug/L	5.9	1.8	2.5		06/19/20 08:39	104-51-8	
n-Propylbenzene	**<2.0**	ug/L	12.5	2.0	2.5		06/19/20 08:39	103-65-1	
o-Xylene	**<0.65**	ug/L	2.5	0.65	2.5		06/19/20 08:39	95-47-6	
p-Isopropyltoluene	**<2.0**	ug/L	6.7	2.0	2.5		06/19/20 08:39	99-87-6	
sec-Butylbenzene	**<2.1**	ug/L	12.5	2.1	2.5		06/19/20 08:39	135-98-8	
tert-Butylbenzene	**<0.76**	ug/L	2.5	0.76	2.5		06/19/20 08:39	98-06-6	
trans-1,2-Dichloroethene	**7.7**	ug/L	3.9	1.2	2.5		06/19/20 08:39	156-60-5	
trans-1,3-Dichloropropene	**<10.9**	ug/L	36.4	10.9	2.5		06/19/20 08:39	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		2.5		06/19/20 08:39	460-00-4	
Dibromofluoromethane (S)	92	%	70-130		2.5		06/19/20 08:39	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Sample: OP-15 **Lab ID: 40209634005** Collected: 06/16/20 13:13 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
Toluene-d8 (S)	105	%	70-130		2.5		06/19/20 08:39	2037-26-5	

Sample: OP-16 **Lab ID: 40209634006** Collected: 06/16/20 14:13 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**8.8**	ug/L	5.6	1.2	1		06/19/20 11:21	74-84-0	
Ethene	**2.6J**	ug/L	5.0	1.2	1		06/19/20 11:21	74-85-1	
Methane	**1420**	ug/L	28.0	6.6	10		06/19/20 13:38	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Pace Analytical Services - Green Bay								
Iron, Dissolved	**2540**	ug/L	100	29.6	1		06/18/20 23:00	7439-89-6	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.54**	ug/L	2.0	0.54	2		06/19/20 09:01	630-20-6	
1,1,1-Trichloroethane	**3.8**	ug/L	2.0	0.49	2		06/19/20 09:01	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.55**	ug/L	2.0	0.55	2		06/19/20 09:01	79-34-5	
1,1,2-Trichloroethane	**<1.1**	ug/L	10.0	1.1	2		06/19/20 09:01	79-00-5	
1,1-Dichloroethane	**22.5**	ug/L	2.0	0.55	2		06/19/20 09:01	75-34-3	
1,1-Dichloroethene	**0.94J**	ug/L	2.0	0.49	2		06/19/20 09:01	75-35-4	
1,1-Dichloropropene	**<1.1**	ug/L	3.6	1.1	2		06/19/20 09:01	563-58-6	
1,2,3-Trichlorobenzene	**<4.4**	ug/L	14.7	4.4	2		06/19/20 09:01	87-61-6	
1,2,3-Trichloropropane	**<1.2**	ug/L	10.0	1.2	2		06/19/20 09:01	96-18-4	
1,2,4-Trichlorobenzene	**<1.9**	ug/L	10.0	1.9	2		06/19/20 09:01	120-82-1	
1,2,4-Trimethylbenzene	**<1.7**	ug/L	5.6	1.7	2		06/19/20 09:01	95-63-6	
1,2-Dibromo-3-chloropropane	**<3.5**	ug/L	11.8	3.5	2		06/19/20 09:01	96-12-8	
1,2-Dibromoethane (EDB)	**<1.7**	ug/L	5.5	1.7	2		06/19/20 09:01	106-93-4	
1,2-Dichlorobenzene	**<1.4**	ug/L	4.7	1.4	2		06/19/20 09:01	95-50-1	
1,2-Dichloroethane	**<0.56**	ug/L	2.0	0.56	2		06/19/20 09:01	107-06-2	
1,2-Dichloropropane	**<0.57**	ug/L	2.0	0.57	2		06/19/20 09:01	78-87-5	
1,3,5-Trimethylbenzene	**<1.7**	ug/L	5.8	1.7	2		06/19/20 09:01	108-67-8	
1,3-Dichlorobenzene	**<1.3**	ug/L	4.2	1.3	2		06/19/20 09:01	541-73-1	
1,3-Dichloropropane	**<1.7**	ug/L	5.5	1.7	2		06/19/20 09:01	142-28-9	
1,4-Dichlorobenzene	**<1.9**	ug/L	6.3	1.9	2		06/19/20 09:01	106-46-7	
2,2-Dichloropropane	**<4.5**	ug/L	15.1	4.5	2		06/19/20 09:01	594-20-7	
2-Chlorotoluene	**<1.9**	ug/L	10.0	1.9	2		06/19/20 09:01	95-49-8	
4-Chlorotoluene	**<1.5**	ug/L	5.0	1.5	2		06/19/20 09:01	106-43-4	
Benzene	**<0.49**	ug/L	2.0	0.49	2		06/19/20 09:01	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Sample: OP-16 **Lab ID: 40209634006** Collected: 06/16/20 14:13 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Bromobenzene	**<0.48**	ug/L	2.0	0.48	2		06/19/20 09:01	108-86-1	
Bromochloromethane	**<0.72**	ug/L	10.0	0.72	2		06/19/20 09:01	74-97-5	
Bromodichloromethane	**<0.73**	ug/L	2.4	0.73	2		06/19/20 09:01	75-27-4	
Bromoform	**<7.9**	ug/L	26.5	7.9	2		06/19/20 09:01	75-25-2	
Bromomethane	**<1.9**	ug/L	10.0	1.9	2		06/19/20 09:01	74-83-9	
Carbon tetrachloride	**<2.2**	ug/L	7.2	2.2	2		06/19/20 09:01	56-23-5	
Chlorobenzene	**<1.4**	ug/L	4.7	1.4	2		06/19/20 09:01	108-90-7	
Chloroethane	**<2.7**	ug/L	10.0	2.7	2		06/19/20 09:01	75-00-3	
Chloroform	**<2.5**	ug/L	10.0	2.5	2		06/19/20 09:01	67-66-3	
Chloromethane	**<4.4**	ug/L	14.6	4.4	2		06/19/20 09:01	74-87-3	
Dibromochloromethane	**<5.2**	ug/L	17.3	5.2	2		06/19/20 09:01	124-48-1	
Dibromomethane	**<1.9**	ug/L	6.2	1.9	2		06/19/20 09:01	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	10.0	1.0	2		06/19/20 09:01	75-71-8	
Diisopropyl ether	**<3.8**	ug/L	12.6	3.8	2		06/19/20 09:01	108-20-3	
Ethylbenzene	**<0.64**	ug/L	2.1	0.64	2		06/19/20 09:01	100-41-4	
Hexachloro-1,3-butadiene	**<2.9**	ug/L	9.8	2.9	2		06/19/20 09:01	87-68-3	
Isopropylbenzene (Cumene)	**<3.4**	ug/L	11.2	3.4	2		06/19/20 09:01	98-82-8	
Methyl-tert-butyl ether	**<2.5**	ug/L	8.3	2.5	2		06/19/20 09:01	1634-04-4	
Methylene Chloride	**<1.2**	ug/L	10.0	1.2	2		06/19/20 09:01	75-09-2	
Naphthalene	**<2.4**	ug/L	10.0	2.4	2		06/19/20 09:01	91-20-3	
Styrene	**<6.0**	ug/L	20.1	6.0	2		06/19/20 09:01	100-42-5	
Tetrachloroethene	**0.76J**	ug/L	2.2	0.65	2		06/19/20 09:01	127-18-4	
Toluene	**<0.54**	ug/L	1.8	0.54	2		06/19/20 09:01	108-88-3	
Trichloroethene	**58.3**	ug/L	2.0	0.51	2		06/19/20 09:01	79-01-6	
Trichlorofluoromethane	**<0.43**	ug/L	2.0	0.43	2		06/19/20 09:01	75-69-4	
Vinyl chloride	**80.3**	ug/L	2.0	0.35	2		06/19/20 09:01	75-01-4	
cis-1,2-Dichloroethene	**143**	ug/L	2.0	0.54	2		06/19/20 09:01	156-59-2	
cis-1,3-Dichloropropene	**<7.3**	ug/L	24.2	7.3	2		06/19/20 09:01	10061-01-5	
m&p-Xylene	**<0.93**	ug/L	4.0	0.93	2		06/19/20 09:01	179601-23-1	
n-Butylbenzene	**<1.4**	ug/L	4.7	1.4	2		06/19/20 09:01	104-51-8	
n-Propylbenzene	**<1.6**	ug/L	10.0	1.6	2		06/19/20 09:01	103-65-1	
o-Xylene	**0.87J**	ug/L	2.0	0.52	2		06/19/20 09:01	95-47-6	
p-Isopropyltoluene	**<1.6**	ug/L	5.3	1.6	2		06/19/20 09:01	99-87-6	
sec-Butylbenzene	**<1.7**	ug/L	10.0	1.7	2		06/19/20 09:01	135-98-8	
tert-Butylbenzene	**<0.61**	ug/L	2.0	0.61	2		06/19/20 09:01	98-06-6	
trans-1,2-Dichloroethene	**1.4J**	ug/L	3.1	0.93	2		06/19/20 09:01	156-60-5	
trans-1,3-Dichloropropene	**<8.7**	ug/L	29.1	8.7	2		06/19/20 09:01	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		2		06/19/20 09:01	460-00-4	pH
Dibromofluoromethane (S)	91	%	70-130		2		06/19/20 09:01	1868-53-7	
Toluene-d8 (S)	105	%	70-130		2		06/19/20 09:01	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Nitrate as N	**<0.044**	mg/L	0.15	0.044	1		06/17/20 11:40	14797-55-8	

REPORT OF LABORATORY ANALYSIS

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

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Sample: OP-16 **Lab ID: 40209634006** Collected: 06/16/20 14:13 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**32.4**	mg/L	2.0	0.44	1		06/17/20 11:40	14808-79-8	M0
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**456**	mg/L	24.8	7.4	1		06/24/20 11:55		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**6.1**	mg/L	1.0	0.28	2		06/18/20 22:56	7440-44-0	

Sample: MW-15 **Lab ID: 40209634007** Collected: 06/16/20 08:59 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/19/20 11:38	630-20-6	
1,1,1-Trichloroethane	**5.4**	ug/L	1.0	0.24	1		06/19/20 11:38	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 11:38	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/19/20 11:38	79-00-5	
1,1-Dichloroethane	**26.0**	ug/L	1.0	0.27	1		06/19/20 11:38	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 11:38	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/19/20 11:38	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/19/20 11:38	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/19/20 11:38	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/19/20 11:38	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/19/20 11:38	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/19/20 11:38	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/19/20 11:38	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 11:38	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 11:38	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 11:38	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/19/20 11:38	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/19/20 11:38	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/19/20 11:38	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/19/20 11:38	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/19/20 11:38	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/19/20 11:38	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/19/20 11:38	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/19/20 11:38	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 11:38	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/19/20 11:38	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/19/20 11:38	75-27-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Sample: MW-15 **Lab ID: 40209634007** Collected: 06/16/20 08:59 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/19/20 11:38	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/19/20 11:38	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/19/20 11:38	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 11:38	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/19/20 11:38	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/19/20 11:38	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/19/20 11:38	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/19/20 11:38	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/19/20 11:38	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/19/20 11:38	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/19/20 11:38	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/19/20 11:38	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/19/20 11:38	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/19/20 11:38	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/19/20 11:38	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/19/20 11:38	75-09-2	
Naphthalene	**1.5J**	ug/L	5.0	1.2	1		06/19/20 11:38	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/19/20 11:38	100-42-5	
Tetrachloroethene	**0.59J**	ug/L	1.1	0.33	1		06/19/20 11:38	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/19/20 11:38	108-88-3	
Trichloroethene	**1.9**	ug/L	1.0	0.26	1		06/19/20 11:38	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/19/20 11:38	75-69-4	
Vinyl chloride	**3.6**	ug/L	1.0	0.17	1		06/19/20 11:38	75-01-4	
cis-1,2-Dichloroethene	**3.0**	ug/L	1.0	0.27	1		06/19/20 11:38	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/19/20 11:38	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/19/20 11:38	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 11:38	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/19/20 11:38	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 11:38	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/19/20 11:38	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/19/20 11:38	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/19/20 11:38	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/19/20 11:38	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/19/20 11:38	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		06/19/20 11:38	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		1		06/19/20 11:38	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		06/19/20 11:38	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Sample: OP-11 **Lab ID: 40209634008** Collected: 06/16/20 09:30 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/19/20 12:01	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/19/20 12:01	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 12:01	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/19/20 12:01	79-00-5	
1,1-Dichloroethane	**1.3**	ug/L	1.0	0.27	1		06/19/20 12:01	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 12:01	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/19/20 12:01	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/19/20 12:01	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/19/20 12:01	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/19/20 12:01	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/19/20 12:01	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/19/20 12:01	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/19/20 12:01	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 12:01	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 12:01	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 12:01	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/19/20 12:01	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/19/20 12:01	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/19/20 12:01	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/19/20 12:01	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/19/20 12:01	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/19/20 12:01	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/19/20 12:01	106-43-4	
Benzene	**0.40J**	ug/L	1.0	0.25	1		06/19/20 12:01	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 12:01	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/19/20 12:01	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/19/20 12:01	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/19/20 12:01	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/19/20 12:01	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/19/20 12:01	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 12:01	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/19/20 12:01	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/19/20 12:01	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/19/20 12:01	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/19/20 12:01	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/19/20 12:01	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/19/20 12:01	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/19/20 12:01	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/19/20 12:01	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/19/20 12:01	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/19/20 12:01	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/19/20 12:01	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/19/20 12:01	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/19/20 12:01	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/19/20 12:01	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Sample: OP-11 **Lab ID: 40209634008** Collected: 06/16/20 09:30 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/19/20 12:01	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/19/20 12:01	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 12:01	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/19/20 12:01	75-69-4	
Vinyl chloride	**46.0**	ug/L	1.0	0.17	1		06/19/20 12:01	75-01-4	
cis-1,2-Dichloroethene	**0.84J**	ug/L	1.0	0.27	1		06/19/20 12:01	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/19/20 12:01	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/19/20 12:01	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 12:01	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/19/20 12:01	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 12:01	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/19/20 12:01	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/19/20 12:01	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/19/20 12:01	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/19/20 12:01	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/19/20 12:01	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		06/19/20 12:01	460-00-4	
Dibromofluoromethane (S)	92	%	70-130		1		06/19/20 12:01	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		06/19/20 12:01	2037-26-5	

Sample: MW-12 **Lab ID: 40209634009** Collected: 06/16/20 09:59 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/19/20 12:24	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/19/20 12:24	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 12:24	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/19/20 12:24	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		06/19/20 12:24	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 12:24	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/19/20 12:24	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/19/20 12:24	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/19/20 12:24	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/19/20 12:24	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/19/20 12:24	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/19/20 12:24	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/19/20 12:24	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 12:24	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 12:24	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 12:24	78-87-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Sample: MW-12 **Lab ID: 40209634009** Collected: 06/16/20 09:59 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/19/20 12:24	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/19/20 12:24	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/19/20 12:24	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/19/20 12:24	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/19/20 12:24	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/19/20 12:24	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/19/20 12:24	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/19/20 12:24	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 12:24	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/19/20 12:24	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/19/20 12:24	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/19/20 12:24	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/19/20 12:24	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/19/20 12:24	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 12:24	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/19/20 12:24	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/19/20 12:24	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/19/20 12:24	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/19/20 12:24	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/19/20 12:24	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/19/20 12:24	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/19/20 12:24	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/19/20 12:24	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/19/20 12:24	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/19/20 12:24	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/19/20 12:24	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/19/20 12:24	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/19/20 12:24	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/19/20 12:24	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/19/20 12:24	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/19/20 12:24	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 12:24	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/19/20 12:24	75-69-4	
Vinyl chloride	**0.42J**	ug/L	1.0	0.17	1		06/19/20 12:24	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		06/19/20 12:24	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/19/20 12:24	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/19/20 12:24	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 12:24	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/19/20 12:24	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 12:24	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/19/20 12:24	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/19/20 12:24	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/19/20 12:24	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/19/20 12:24	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/19/20 12:24	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Sample: MW-12 **Lab ID: 40209634009** Collected: 06/16/20 09:59 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		06/19/20 12:24	460-00-4	
Dibromofluoromethane (S)	91	%	70-130		1		06/19/20 12:24	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		06/19/20 12:24	2037-26-5	

Sample: MW-13R **Lab ID: 40209634010** Collected: 06/16/20 11:27 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/19/20 12:46	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/19/20 12:46	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 12:46	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/19/20 12:46	79-00-5	
1,1-Dichloroethane	**2.0**	ug/L	1.0	0.27	1		06/19/20 12:46	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 12:46	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/19/20 12:46	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/19/20 12:46	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/19/20 12:46	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/19/20 12:46	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/19/20 12:46	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/19/20 12:46	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/19/20 12:46	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 12:46	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 12:46	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 12:46	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/19/20 12:46	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/19/20 12:46	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/19/20 12:46	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/19/20 12:46	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/19/20 12:46	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/19/20 12:46	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/19/20 12:46	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/19/20 12:46	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 12:46	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/19/20 12:46	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/19/20 12:46	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/19/20 12:46	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/19/20 12:46	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/19/20 12:46	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 12:46	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/19/20 12:46	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Sample: MW-13R **Lab ID: 40209634010** Collected: 06/16/20 11:27 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/19/20 12:46	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/19/20 12:46	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/19/20 12:46	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/19/20 12:46	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/19/20 12:46	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/19/20 12:46	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/19/20 12:46	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/19/20 12:46	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/19/20 12:46	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/19/20 12:46	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/19/20 12:46	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/19/20 12:46	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/19/20 12:46	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/19/20 12:46	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/19/20 12:46	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 12:46	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/19/20 12:46	75-69-4	
Vinyl chloride	**10.0**	ug/L	1.0	0.17	1		06/19/20 12:46	75-01-4	
cis-1,2-Dichloroethene	**3.4**	ug/L	1.0	0.27	1		06/19/20 12:46	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/19/20 12:46	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/19/20 12:46	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 12:46	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/19/20 12:46	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 12:46	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/19/20 12:46	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/19/20 12:46	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/19/20 12:46	98-06-6	
trans-1,2-Dichloroethene	**1.2J**	ug/L	1.5	0.46	1		06/19/20 12:46	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/19/20 12:46	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		06/19/20 12:46	460-00-4	
Dibromofluoromethane (S)	92	%	70-130		1		06/19/20 12:46	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		06/19/20 12:46	2037-26-5	

Sample: OP-14 **Lab ID: 40209634011** Collected: 06/16/20 13:06 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<1.2**	ug/L	5.6	1.2	1		06/19/20 11:28	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		06/19/20 11:28	74-85-1	
Methane	**<0.66**	ug/L	2.8	0.66	1		06/19/20 11:28	74-82-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Sample: OP-14 **Lab ID: 40209634011** Collected: 06/16/20 13:06 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Pace Analytical Services - Green Bay								
Iron, Dissolved	**131**	ug/L	100	29.6	1		06/18/20 23:03	7439-89-6	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<1.1**	ug/L	4.0	1.1	4		06/19/20 09:24	630-20-6	
1,1,1-Trichloroethane	**1.4J**	ug/L	4.0	0.98	4		06/19/20 09:24	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.1**	ug/L	4.0	1.1	4		06/19/20 09:24	79-34-5	
1,1,2-Trichloroethane	**<2.2**	ug/L	20.0	2.2	4		06/19/20 09:24	79-00-5	
1,1-Dichloroethane	**<1.1**	ug/L	4.0	1.1	4		06/19/20 09:24	75-34-3	
1,1-Dichloroethene	**<0.98**	ug/L	4.0	0.98	4		06/19/20 09:24	75-35-4	
1,1-Dichloropropene	**<2.2**	ug/L	7.2	2.2	4		06/19/20 09:24	563-58-6	
1,2,3-Trichlorobenzene	**<8.8**	ug/L	29.5	8.8	4		06/19/20 09:24	87-61-6	
1,2,3-Trichloropropane	**<2.4**	ug/L	20.0	2.4	4		06/19/20 09:24	96-18-4	
1,2,4-Trichlorobenzene	**<3.8**	ug/L	20.0	3.8	4		06/19/20 09:24	120-82-1	
1,2,4-Trimethylbenzene	**<3.4**	ug/L	11.2	3.4	4		06/19/20 09:24	95-63-6	
1,2-Dibromo-3-chloropropane	**<7.1**	ug/L	23.5	7.1	4		06/19/20 09:24	96-12-8	
1,2-Dibromoethane (EDB)	**<3.3**	ug/L	11.1	3.3	4		06/19/20 09:24	106-93-4	
1,2-Dichlorobenzene	**<2.8**	ug/L	9.4	2.8	4		06/19/20 09:24	95-50-1	
1,2-Dichloroethane	**<1.1**	ug/L	4.0	1.1	4		06/19/20 09:24	107-06-2	
1,2-Dichloropropane	**<1.1**	ug/L	4.0	1.1	4		06/19/20 09:24	78-87-5	
1,3,5-Trimethylbenzene	**<3.5**	ug/L	11.6	3.5	4		06/19/20 09:24	108-67-8	
1,3-Dichlorobenzene	**<2.5**	ug/L	8.4	2.5	4		06/19/20 09:24	541-73-1	
1,3-Dichloropropane	**<3.3**	ug/L	11.0	3.3	4		06/19/20 09:24	142-28-9	
1,4-Dichlorobenzene	**<3.8**	ug/L	12.6	3.8	4		06/19/20 09:24	106-46-7	
2,2-Dichloropropane	**<9.1**	ug/L	30.2	9.1	4		06/19/20 09:24	594-20-7	
2-Chlorotoluene	**<3.7**	ug/L	20.0	3.7	4		06/19/20 09:24	95-49-8	
4-Chlorotoluene	**<3.0**	ug/L	10.1	3.0	4		06/19/20 09:24	106-43-4	
Benzene	**<0.99**	ug/L	4.0	0.99	4		06/19/20 09:24	71-43-2	
Bromobenzene	**<0.96**	ug/L	4.0	0.96	4		06/19/20 09:24	108-86-1	
Bromochloromethane	**<1.4**	ug/L	20.0	1.4	4		06/19/20 09:24	74-97-5	
Bromodichloromethane	**<1.5**	ug/L	4.8	1.5	4		06/19/20 09:24	75-27-4	
Bromoform	**<15.9**	ug/L	53.0	15.9	4		06/19/20 09:24	75-25-2	
Bromomethane	**<3.9**	ug/L	20.0	3.9	4		06/19/20 09:24	74-83-9	
Carbon tetrachloride	**<4.3**	ug/L	14.4	4.3	4		06/19/20 09:24	56-23-5	
Chlorobenzene	**<2.8**	ug/L	9.5	2.8	4		06/19/20 09:24	108-90-7	
Chloroethane	**<5.4**	ug/L	20.0	5.4	4		06/19/20 09:24	75-00-3	
Chloroform	**<5.1**	ug/L	20.0	5.1	4		06/19/20 09:24	67-66-3	
Chloromethane	**<8.8**	ug/L	29.2	8.8	4		06/19/20 09:24	74-87-3	
Dibromochloromethane	**<10.4**	ug/L	34.7	10.4	4		06/19/20 09:24	124-48-1	
Dibromomethane	**<3.7**	ug/L	12.5	3.7	4		06/19/20 09:24	74-95-3	
Dichlorodifluoromethane	**<2.0**	ug/L	20.0	2.0	4		06/19/20 09:24	75-71-8	
Diisopropyl ether	**<7.6**	ug/L	25.2	7.6	4		06/19/20 09:24	108-20-3	
Ethylbenzene	**<1.3**	ug/L	4.2	1.3	4		06/19/20 09:24	100-41-4	
Hexachloro-1,3-butadiene	**<5.9**	ug/L	19.5	5.9	4		06/19/20 09:24	87-68-3	
Isopropylbenzene (Cumene)	**<6.7**	ug/L	22.5	6.7	4		06/19/20 09:24	98-82-8	

REPORT OF LABORATORY ANALYSIS

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

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Sample: OP-14 **Lab ID: 40209634011** Collected: 06/16/20 13:06 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<5.0**	ug/L	16.6	5.0	4		06/19/20 09:24	1634-04-4	
Methylene Chloride	**<2.3**	ug/L	20.0	2.3	4		06/19/20 09:24	75-09-2	
Naphthalene	**<4.7**	ug/L	20.0	4.7	4		06/19/20 09:24	91-20-3	
Styrene	**<12.0**	ug/L	40.1	12.0	4		06/19/20 09:24	100-42-5	
Tetrachloroethene	**3.8J**	ug/L	4.4	1.3	4		06/19/20 09:24	127-18-4	
Toluene	**<1.1**	ug/L	3.6	1.1	4		06/19/20 09:24	108-88-3	
Trichloroethene	**168**	ug/L	4.0	1.0	4		06/19/20 09:24	79-01-6	
Trichlorofluoromethane	**<0.86**	ug/L	4.0	0.86	4		06/19/20 09:24	75-69-4	
Vinyl chloride	**<0.70**	ug/L	4.0	0.70	4		06/19/20 09:24	75-01-4	
cis-1,2-Dichloroethene	**209**	ug/L	4.0	1.1	4		06/19/20 09:24	156-59-2	
cis-1,3-Dichloropropene	**<14.5**	ug/L	48.4	14.5	4		06/19/20 09:24	10061-01-5	
m&p-Xylene	**<1.9**	ug/L	8.0	1.9	4		06/19/20 09:24	179601-23-1	
n-Butylbenzene	**<2.8**	ug/L	9.4	2.8	4		06/19/20 09:24	104-51-8	
n-Propylbenzene	**<3.2**	ug/L	20.0	3.2	4		06/19/20 09:24	103-65-1	
o-Xylene	**<1.0**	ug/L	4.0	1.0	4		06/19/20 09:24	95-47-6	
p-Isopropyltoluene	**<3.2**	ug/L	10.7	3.2	4		06/19/20 09:24	99-87-6	
sec-Butylbenzene	**<3.4**	ug/L	20.0	3.4	4		06/19/20 09:24	135-98-8	
tert-Butylbenzene	**<1.2**	ug/L	4.1	1.2	4		06/19/20 09:24	98-06-6	
trans-1,2-Dichloroethene	**<1.9**	ug/L	6.2	1.9	4		06/19/20 09:24	156-60-5	
trans-1,3-Dichloropropene	**<17.5**	ug/L	58.3	17.5	4		06/19/20 09:24	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		4		06/19/20 09:24	460-00-4	
Dibromofluoromethane (S)	91	%	70-130		4		06/19/20 09:24	1868-53-7	
Toluene-d8 (S)	105	%	70-130		4		06/19/20 09:24	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**55.8**	mg/L	10.0	2.2	5		06/18/20 12:35	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2								
	Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**451**	mg/L	24.8	7.4	1		06/24/20 11:56		
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**11.5**	mg/L	1.5	0.42	3		06/18/20 23:13	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Sample: OP-2 **Lab ID: 40209634012** Collected: 06/16/20 13:58 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<1.2**	ug/L	5.6	1.2	1		06/19/20 11:35	74-84-0	
Ethene	**<1.2**	ug/L	5.0	1.2	1		06/19/20 11:35	74-85-1	
Methane	**<0.66**	ug/L	2.8	0.66	1		06/19/20 11:35	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Pace Analytical Services - Green Bay								
Iron, Dissolved	**<29.6**	ug/L	100	29.6	1		06/18/20 23:10	7439-89-6	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.54**	ug/L	2.0	0.54	2		06/19/20 09:46	630-20-6	
1,1,1-Trichloroethane	**326**	ug/L	2.0	0.49	2		06/19/20 09:46	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.55**	ug/L	2.0	0.55	2		06/19/20 09:46	79-34-5	
1,1,2-Trichloroethane	**<1.1**	ug/L	10.0	1.1	2		06/19/20 09:46	79-00-5	
1,1-Dichloroethane	**42.2**	ug/L	2.0	0.55	2		06/19/20 09:46	75-34-3	
1,1-Dichloroethene	**17.0**	ug/L	2.0	0.49	2		06/19/20 09:46	75-35-4	
1,1-Dichloropropene	**<1.1**	ug/L	3.6	1.1	2		06/19/20 09:46	563-58-6	
1,2,3-Trichlorobenzene	**<4.4**	ug/L	14.7	4.4	2		06/19/20 09:46	87-61-6	
1,2,3-Trichloropropane	**<1.2**	ug/L	10.0	1.2	2		06/19/20 09:46	96-18-4	
1,2,4-Trichlorobenzene	**<1.9**	ug/L	10.0	1.9	2		06/19/20 09:46	120-82-1	
1,2,4-Trimethylbenzene	**<1.7**	ug/L	5.6	1.7	2		06/19/20 09:46	95-63-6	
1,2-Dibromo-3-chloropropane	**<3.5**	ug/L	11.8	3.5	2		06/19/20 09:46	96-12-8	
1,2-Dibromoethane (EDB)	**<1.7**	ug/L	5.5	1.7	2		06/19/20 09:46	106-93-4	
1,2-Dichlorobenzene	**<1.4**	ug/L	4.7	1.4	2		06/19/20 09:46	95-50-1	
1,2-Dichloroethane	**<0.56**	ug/L	2.0	0.56	2		06/19/20 09:46	107-06-2	
1,2-Dichloropropane	**<0.57**	ug/L	2.0	0.57	2		06/19/20 09:46	78-87-5	
1,3,5-Trimethylbenzene	**<1.7**	ug/L	5.8	1.7	2		06/19/20 09:46	108-67-8	
1,3-Dichlorobenzene	**<1.3**	ug/L	4.2	1.3	2		06/19/20 09:46	541-73-1	
1,3-Dichloropropane	**<1.7**	ug/L	5.5	1.7	2		06/19/20 09:46	142-28-9	
1,4-Dichlorobenzene	**<1.9**	ug/L	6.3	1.9	2		06/19/20 09:46	106-46-7	
2,2-Dichloropropane	**<4.5**	ug/L	15.1	4.5	2		06/19/20 09:46	594-20-7	
2-Chlorotoluene	**<1.9**	ug/L	10.0	1.9	2		06/19/20 09:46	95-49-8	
4-Chlorotoluene	**<1.5**	ug/L	5.0	1.5	2		06/19/20 09:46	106-43-4	
Benzene	**<0.49**	ug/L	2.0	0.49	2		06/19/20 09:46	71-43-2	
Bromobenzene	**<0.48**	ug/L	2.0	0.48	2		06/19/20 09:46	108-86-1	
Bromochloromethane	**<0.72**	ug/L	10.0	0.72	2		06/19/20 09:46	74-97-5	
Bromodichloromethane	**<0.73**	ug/L	2.4	0.73	2		06/19/20 09:46	75-27-4	
Bromoform	**<7.9**	ug/L	26.5	7.9	2		06/19/20 09:46	75-25-2	
Bromomethane	**<1.9**	ug/L	10.0	1.9	2		06/19/20 09:46	74-83-9	
Carbon tetrachloride	**<2.2**	ug/L	7.2	2.2	2		06/19/20 09:46	56-23-5	
Chlorobenzene	**<1.4**	ug/L	4.7	1.4	2		06/19/20 09:46	108-90-7	
Chloroethane	**<2.7**	ug/L	10.0	2.7	2		06/19/20 09:46	75-00-3	
Chloroform	**<2.5**	ug/L	10.0	2.5	2		06/19/20 09:46	67-66-3	
Chloromethane	**<4.4**	ug/L	14.6	4.4	2		06/19/20 09:46	74-87-3	
Dibromochloromethane	**<5.2**	ug/L	17.3	5.2	2		06/19/20 09:46	124-48-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Sample: OP-2 **Lab ID: 40209634012** Collected: 06/16/20 13:58 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Dibromomethane	**<1.9**	ug/L	6.2	1.9	2		06/19/20 09:46	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	10.0	1.0	2		06/19/20 09:46	75-71-8	
Diisopropyl ether	**<3.8**	ug/L	12.6	3.8	2		06/19/20 09:46	108-20-3	
Ethylbenzene	**<0.64**	ug/L	2.1	0.64	2		06/19/20 09:46	100-41-4	
Hexachloro-1,3-butadiene	**<2.9**	ug/L	9.8	2.9	2		06/19/20 09:46	87-68-3	
Isopropylbenzene (Cumene)	**<3.4**	ug/L	11.2	3.4	2		06/19/20 09:46	98-82-8	
Methyl-tert-butyl ether	**<2.5**	ug/L	8.3	2.5	2		06/19/20 09:46	1634-04-4	
Methylene Chloride	**<1.2**	ug/L	10.0	1.2	2		06/19/20 09:46	75-09-2	
Naphthalene	**<2.4**	ug/L	10.0	2.4	2		06/19/20 09:46	91-20-3	
Styrene	**<6.0**	ug/L	20.1	6.0	2		06/19/20 09:46	100-42-5	
Tetrachloroethene	**1.3J**	ug/L	2.2	0.65	2		06/19/20 09:46	127-18-4	
Toluene	**<0.54**	ug/L	1.8	0.54	2		06/19/20 09:46	108-88-3	
Trichloroethene	**414**	ug/L	2.0	0.51	2		06/19/20 09:46	79-01-6	
Trichlorofluoromethane	**<0.43**	ug/L	2.0	0.43	2		06/19/20 09:46	75-69-4	
Vinyl chloride	**<0.35**	ug/L	2.0	0.35	2		06/19/20 09:46	75-01-4	
cis-1,2-Dichloroethene	**762**	ug/L	10.0	2.7	10		06/19/20 16:20	156-59-2	
cis-1,3-Dichloropropene	**<7.3**	ug/L	24.2	7.3	2		06/19/20 09:46	10061-01-5	
m&p-Xylene	**<0.93**	ug/L	4.0	0.93	2		06/19/20 09:46	179601-23-1	
n-Butylbenzene	**<1.4**	ug/L	4.7	1.4	2		06/19/20 09:46	104-51-8	
n-Propylbenzene	**<1.6**	ug/L	10.0	1.6	2		06/19/20 09:46	103-65-1	
o-Xylene	**<0.52**	ug/L	2.0	0.52	2		06/19/20 09:46	95-47-6	
p-Isopropyltoluene	**<1.6**	ug/L	5.3	1.6	2		06/19/20 09:46	99-87-6	
sec-Butylbenzene	**<1.7**	ug/L	10.0	1.7	2		06/19/20 09:46	135-98-8	
tert-Butylbenzene	**<0.61**	ug/L	2.0	0.61	2		06/19/20 09:46	98-06-6	
trans-1,2-Dichloroethene	**3.8**	ug/L	3.1	0.93	2		06/19/20 09:46	156-60-5	
trans-1,3-Dichloropropene	**<8.7**	ug/L	29.1	8.7	2		06/19/20 09:46	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		2		06/19/20 09:46	460-00-4	
Dibromofluoromethane (S)	92	%	70-130		2		06/19/20 09:46	1868-53-7	
Toluene-d8 (S)	105	%	70-130		2		06/19/20 09:46	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Nitrate as N	**0.11J**	mg/L	0.15	0.044	1		06/17/20 12:37	14797-55-8	
Sulfate	**61.8**	mg/L	10.0	2.2	5		06/18/20 12:49	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2								
	Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**395**	mg/L	49.6	14.9	2		06/24/20 11:57		
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**2.6**	mg/L	0.50	0.14	1		06/18/20 23:28	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Sample: DUP-2 **Lab ID: 40209634013** Collected: 06/16/20 00:00 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/19/20 13:08	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/19/20 13:08	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 13:08	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/19/20 13:08	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		06/19/20 13:08	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 13:08	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/19/20 13:08	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/19/20 13:08	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/19/20 13:08	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/19/20 13:08	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/19/20 13:08	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/19/20 13:08	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/19/20 13:08	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 13:08	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 13:08	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 13:08	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/19/20 13:08	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/19/20 13:08	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/19/20 13:08	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/19/20 13:08	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/19/20 13:08	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/19/20 13:08	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/19/20 13:08	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/19/20 13:08	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 13:08	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/19/20 13:08	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/19/20 13:08	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/19/20 13:08	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/19/20 13:08	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/19/20 13:08	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 13:08	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/19/20 13:08	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/19/20 13:08	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/19/20 13:08	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/19/20 13:08	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/19/20 13:08	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/19/20 13:08	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/19/20 13:08	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/19/20 13:08	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/19/20 13:08	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/19/20 13:08	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/19/20 13:08	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/19/20 13:08	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/19/20 13:08	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/19/20 13:08	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Sample: DUP-2 **Lab ID: 40209634013** Collected: 06/16/20 00:00 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/19/20 13:08	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/19/20 13:08	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 13:08	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/19/20 13:08	75-69-4	
Vinyl chloride	**0.42J**	ug/L	1.0	0.17	1		06/19/20 13:08	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		06/19/20 13:08	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/19/20 13:08	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/19/20 13:08	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 13:08	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/19/20 13:08	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 13:08	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/19/20 13:08	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/19/20 13:08	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/19/20 13:08	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/19/20 13:08	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/19/20 13:08	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		06/19/20 13:08	460-00-4	
Dibromofluoromethane (S)	90	%	70-130		1		06/19/20 13:08	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		06/19/20 13:08	2037-26-5	

Sample: OP-9 **Lab ID: 40209634014** Collected: 06/16/20 10:55 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/19/20 13:30	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/19/20 13:30	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 13:30	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/19/20 13:30	79-00-5	
1,1-Dichloroethane	**0.68J**	ug/L	1.0	0.27	1		06/19/20 13:30	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 13:30	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/19/20 13:30	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/19/20 13:30	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/19/20 13:30	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/19/20 13:30	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/19/20 13:30	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/19/20 13:30	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/19/20 13:30	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 13:30	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 13:30	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 13:30	78-87-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Sample: OP-9 **Lab ID: 40209634014** Collected: 06/16/20 10:55 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/19/20 13:30	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/19/20 13:30	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/19/20 13:30	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/19/20 13:30	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/19/20 13:30	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/19/20 13:30	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/19/20 13:30	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/19/20 13:30	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 13:30	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/19/20 13:30	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/19/20 13:30	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/19/20 13:30	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/19/20 13:30	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/19/20 13:30	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 13:30	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/19/20 13:30	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/19/20 13:30	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/19/20 13:30	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/19/20 13:30	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/19/20 13:30	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/19/20 13:30	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/19/20 13:30	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/19/20 13:30	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/19/20 13:30	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/19/20 13:30	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/19/20 13:30	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/19/20 13:30	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/19/20 13:30	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/19/20 13:30	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/19/20 13:30	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/19/20 13:30	108-88-3	
Trichloroethene	**0.88J**	ug/L	1.0	0.26	1		06/19/20 13:30	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/19/20 13:30	75-69-4	
Vinyl chloride	**41.7**	ug/L	1.0	0.17	1		06/19/20 13:30	75-01-4	
cis-1,2-Dichloroethene	**9.0**	ug/L	1.0	0.27	1		06/19/20 13:30	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/19/20 13:30	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/19/20 13:30	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 13:30	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/19/20 13:30	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 13:30	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/19/20 13:30	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/19/20 13:30	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/19/20 13:30	98-06-6	
trans-1,2-Dichloroethene	**3.3**	ug/L	1.5	0.46	1		06/19/20 13:30	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/19/20 13:30	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Sample: OP-9 **Lab ID: 40209634014** Collected: 06/16/20 10:55 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		06/19/20 13:30	460-00-4	
Dibromofluoromethane (S)	92	%	70-130		1		06/19/20 13:30	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		06/19/20 13:30	2037-26-5	

Sample: TRIP **Lab ID: 40209634015** Collected: 06/16/20 00:00 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/19/20 17:05	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/19/20 17:05	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 17:05	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/19/20 17:05	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		06/19/20 17:05	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 17:05	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/19/20 17:05	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/19/20 17:05	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/19/20 17:05	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/19/20 17:05	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/19/20 17:05	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/19/20 17:05	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/19/20 17:05	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 17:05	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 17:05	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 17:05	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/19/20 17:05	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/19/20 17:05	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/19/20 17:05	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/19/20 17:05	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/19/20 17:05	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/19/20 17:05	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/19/20 17:05	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/19/20 17:05	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 17:05	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/19/20 17:05	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/19/20 17:05	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/19/20 17:05	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/19/20 17:05	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/19/20 17:05	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 17:05	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/19/20 17:05	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Sample: TRIP **Lab ID: 40209634015** Collected: 06/16/20 00:00 Received: 06/17/20 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/19/20 17:05	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/19/20 17:05	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/19/20 17:05	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/19/20 17:05	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/19/20 17:05	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/19/20 17:05	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/19/20 17:05	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/19/20 17:05	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/19/20 17:05	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/19/20 17:05	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/19/20 17:05	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/19/20 17:05	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/19/20 17:05	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/19/20 17:05	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/19/20 17:05	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 17:05	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/19/20 17:05	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/19/20 17:05	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		06/19/20 17:05	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/19/20 17:05	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/19/20 17:05	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 17:05	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/19/20 17:05	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 17:05	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/19/20 17:05	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/19/20 17:05	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/19/20 17:05	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/19/20 17:05	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/19/20 17:05	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		06/19/20 17:05	460-00-4	
Dibromofluoromethane (S)	90	%	70-130		1		06/19/20 17:05	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		06/19/20 17:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

QC Batch: 358107
QC Batch Method: EPA 8015B Modified
Analysis Method: EPA 8015B Modified
Analysis Description: Methane, Ethane, Ethene GCV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209634006, 40209634011, 40209634012

METHOD BLANK: 2071529 Matrix: Water
Associated Lab Samples: 40209634006, 40209634011, 40209634012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<1.2	5.6	06/19/20 08:39	
Ethene	ug/L	<1.2	5.0	06/19/20 08:39	
Methane	ug/L	<0.66	2.8	06/19/20 08:39	

LABORATORY CONTROL SAMPLE & LCSD: 2071530 2071531

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	53.6	53.7	100	100	80-120	0	20	
Ethene	ug/L	50	49.5	49.4	99	99	80-120	0	20	
Methane	ug/L	28.6	27.8	28.1	97	98	79-120	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2071698 2071699

Parameter	Units	40209608014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Ethane	ug/L	<1.2	53.6	53.6	50.5	52.4	94	98	79-120	4	20	
Ethene	ug/L	<1.2	50	50	46.2	47.7	92	95	79-120	3	20	
Methane	ug/L	<0.66	28.6	28.6	25.7	26.6	90	93	10-200	3	20	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

QC Batch: 358060
QC Batch Method: EPA 6010
Analysis Method: EPA 6010
Analysis Description: ICP Metals, Trace, Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209634006, 40209634011, 40209634012

METHOD BLANK: 2071204 Matrix: Water
Associated Lab Samples: 40209634006, 40209634011, 40209634012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Dissolved	ug/L	<29.6	100	06/18/20 22:15	

LABORATORY CONTROL SAMPLE: 2071205

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	5000	4880	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2071206 2071207

Parameter	Units	40209608003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron, Dissolved	ug/L	<29.6	5000	5000	4950	4930	99	99	75-125	0	20	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

QC Batch: 358016
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209634001, 40209634002, 40209634003, 40209634004, 40209634005, 40209634006, 40209634007, 40209634008, 40209634009, 40209634010, 40209634011, 40209634012, 40209634013, 40209634014, 40209634015

METHOD BLANK: 2070888
Matrix: Water
Associated Lab Samples: 40209634001, 40209634002, 40209634003, 40209634004, 40209634005, 40209634006, 40209634007, 40209634008, 40209634009, 40209634010, 40209634011, 40209634012, 40209634013, 40209634014, 40209634015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	06/19/20 06:07	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	06/19/20 06:07	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	06/19/20 06:07	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	06/19/20 06:07	
1,1-Dichloroethane	ug/L	<0.27	1.0	06/19/20 06:07	
1,1-Dichloroethene	ug/L	<0.24	1.0	06/19/20 06:07	
1,1-Dichloropropene	ug/L	<0.54	1.8	06/19/20 06:07	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	06/19/20 06:07	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	06/19/20 06:07	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	06/19/20 06:07	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	06/19/20 06:07	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	06/19/20 06:07	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	06/19/20 06:07	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	06/19/20 06:07	
1,2-Dichloroethane	ug/L	<0.28	1.0	06/19/20 06:07	
1,2-Dichloropropane	ug/L	<0.28	1.0	06/19/20 06:07	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	06/19/20 06:07	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	06/19/20 06:07	
1,3-Dichloropropane	ug/L	<0.83	2.8	06/19/20 06:07	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	06/19/20 06:07	
2,2-Dichloropropane	ug/L	<2.3	7.6	06/19/20 06:07	
2-Chlorotoluene	ug/L	<0.93	5.0	06/19/20 06:07	
4-Chlorotoluene	ug/L	<0.76	2.5	06/19/20 06:07	
Benzene	ug/L	<0.25	1.0	06/19/20 06:07	
Bromobenzene	ug/L	<0.24	1.0	06/19/20 06:07	
Bromochloromethane	ug/L	<0.36	5.0	06/19/20 06:07	
Bromodichloromethane	ug/L	<0.36	1.2	06/19/20 06:07	
Bromoform	ug/L	<4.0	13.2	06/19/20 06:07	
Bromomethane	ug/L	<0.97	5.0	06/19/20 06:07	
Carbon tetrachloride	ug/L	<1.1	3.6	06/19/20 06:07	
Chlorobenzene	ug/L	<0.71	2.4	06/19/20 06:07	
Chloroethane	ug/L	<1.3	5.0	06/19/20 06:07	
Chloroform	ug/L	<1.3	5.0	06/19/20 06:07	
Chloromethane	ug/L	<2.2	7.3	06/19/20 06:07	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	06/19/20 06:07	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	06/19/20 06:07	
Dibromochloromethane	ug/L	<2.6	8.7	06/19/20 06:07	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

METHOD BLANK: 2070888 Matrix: Water

Associated Lab Samples: 40209634001, 40209634002, 40209634003, 40209634004, 40209634005, 40209634006, 40209634007, 40209634008, 40209634009, 40209634010, 40209634011, 40209634012, 40209634013, 40209634014, 40209634015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<0.94	3.1	06/19/20 06:07	
Dichlorodifluoromethane	ug/L	<0.50	5.0	06/19/20 06:07	
Diisopropyl ether	ug/L	<1.9	6.3	06/19/20 06:07	
Ethylbenzene	ug/L	<0.32	1.1	06/19/20 06:07	
Hexachloro-1,3-butadiene	ug/L	2.3J	4.9	06/19/20 06:07	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	06/19/20 06:07	
m&p-Xylene	ug/L	<0.47	2.0	06/19/20 06:07	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	06/19/20 06:07	
Methylene Chloride	ug/L	<0.58	5.0	06/19/20 06:07	
n-Butylbenzene	ug/L	<0.71	2.4	06/19/20 06:07	
n-Propylbenzene	ug/L	<0.81	5.0	06/19/20 06:07	
Naphthalene	ug/L	<1.2	5.0	06/19/20 06:07	
o-Xylene	ug/L	<0.26	1.0	06/19/20 06:07	
p-Isopropyltoluene	ug/L	<0.80	2.7	06/19/20 06:07	
sec-Butylbenzene	ug/L	<0.85	5.0	06/19/20 06:07	
Styrene	ug/L	<3.0	10.0	06/19/20 06:07	
tert-Butylbenzene	ug/L	<0.30	1.0	06/19/20 06:07	
Tetrachloroethene	ug/L	<0.33	1.1	06/19/20 06:07	
Toluene	ug/L	<0.27	0.90	06/19/20 06:07	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	06/19/20 06:07	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	06/19/20 06:07	
Trichloroethene	ug/L	<0.26	1.0	06/19/20 06:07	
Trichlorofluoromethane	ug/L	<0.21	1.0	06/19/20 06:07	
Vinyl chloride	ug/L	<0.17	1.0	06/19/20 06:07	
4-Bromofluorobenzene (S)	%	102	70-130	06/19/20 06:07	
Dibromofluoromethane (S)	%	89	70-130	06/19/20 06:07	
Toluene-d8 (S)	%	104	70-130	06/19/20 06:07	

LABORATORY CONTROL SAMPLE: 2070889

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	49.0	98	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.2	104	64-131	
1,1,2-Trichloroethane	ug/L	50	56.1	112	70-130	
1,1-Dichloroethane	ug/L	50	52.6	105	69-163	
1,1-Dichloroethene	ug/L	50	50.9	102	77-123	
1,2,4-Trichlorobenzene	ug/L	50	54.4	109	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	50.1	100	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	52.4	105	70-130	
1,2-Dichlorobenzene	ug/L	50	48.7	97	70-130	
1,2-Dichloroethane	ug/L	50	48.5	97	78-142	
1,2-Dichloropropane	ug/L	50	59.9	120	86-134	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

LABORATORY CONTROL SAMPLE: 2070889

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	47.8	96	70-130	
1,4-Dichlorobenzene	ug/L	50	49.0	98	70-130	
Benzene	ug/L	50	49.1	98	70-130	
Bromodichloromethane	ug/L	50	61.0	122	70-130	
Bromoform	ug/L	50	52.9	106	70-130	
Bromomethane	ug/L	50	44.2	88	39-129	
Carbon tetrachloride	ug/L	50	50.2	100	70-132	
Chlorobenzene	ug/L	50	51.6	103	70-130	
Chloroethane	ug/L	50	50.8	102	66-140	
Chloroform	ug/L	50	49.2	98	75-132	
Chloromethane	ug/L	50	42.1	84	32-143	
cis-1,2-Dichloroethene	ug/L	50	46.9	94	70-130	
cis-1,3-Dichloropropene	ug/L	50	53.6	107	70-130	
Dibromochloromethane	ug/L	50	51.8	104	70-130	
Dichlorodifluoromethane	ug/L	50	39.9	80	10-141	
Ethylbenzene	ug/L	50	57.6	115	80-120	
Isopropylbenzene (Cumene)	ug/L	50	51.5	103	70-130	
m&p-Xylene	ug/L	100	113	113	70-130	
Methyl-tert-butyl ether	ug/L	50	45.9	92	61-129	
Methylene Chloride	ug/L	50	49.4	99	70-130	
o-Xylene	ug/L	50	55.8	112	70-130	
Styrene	ug/L	50	52.5	105	70-130	
Tetrachloroethene	ug/L	50	59.0	118	70-130	
Toluene	ug/L	50	55.8	112	80-120	
trans-1,2-Dichloroethene	ug/L	50	50.8	102	70-130	
trans-1,3-Dichloropropene	ug/L	50	49.3	99	69-130	
Trichloroethene	ug/L	50	58.0	116	70-130	
Trichlorofluoromethane	ug/L	50	53.1	106	75-145	
Vinyl chloride	ug/L	50	48.4	97	51-140	
4-Bromofluorobenzene (S)	%			109	70-130	
Dibromofluoromethane (S)	%			88	70-130	
Toluene-d8 (S)	%			105	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2071543 2071544

Parameter	Units	40209634001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.24	50	50	49.5	48.7	99	97	70-130	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	52.4	50.5	105	101	64-137	4	20	
1,1,2-Trichloroethane	ug/L	<0.55	50	50	56.3	55.6	113	111	70-137	1	20	
1,1-Dichloroethane	ug/L	0.37J	50	50	53.2	52.2	106	104	69-163	2	20	
1,1-Dichloroethene	ug/L	<0.24	50	50	51.8	50.7	104	101	77-129	2	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	58.5	56.9	116	113	68-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	50.7	49.6	101	99	60-130	2	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2071543 2071544

Parameter	Units	40209634001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	53.4	52.0	107	104	70-130	3	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	49.1	48.1	98	96	70-130	2	20	
1,2-Dichloroethane	ug/L	<0.28	50	50	49.7	47.9	99	96	78-145	4	20	
1,2-Dichloropropane	ug/L	<0.28	50	50	59.1	58.7	118	117	86-135	1	20	
1,3-Dichlorobenzene	ug/L	<0.63	50	50	48.3	47.5	96	95	70-130	2	20	
1,4-Dichlorobenzene	ug/L	<0.94	50	50	48.9	48.1	97	96	70-130	2	20	
Benzene	ug/L	<0.25	50	50	49.4	48.3	99	97	70-136	2	20	
Bromodichloromethane	ug/L	<0.36	50	50	60.5	59.2	121	118	70-130	2	20	
Bromoform	ug/L	<4.0	50	50	53.7	51.4	107	103	69-130	4	20	
Bromomethane	ug/L	<0.97	50	50	46.9	45.0	94	90	39-138	4	20	
Carbon tetrachloride	ug/L	<1.1	50	50	50.4	49.6	101	99	70-142	2	20	
Chlorobenzene	ug/L	<0.71	50	50	51.9	51.4	104	103	70-130	1	20	
Chloroethane	ug/L	<1.3	50	50	50.6	50.2	101	100	61-149	1	20	
Chloroform	ug/L	<1.3	50	50	48.8	48.2	98	96	75-133	1	20	
Chloromethane	ug/L	<2.2	50	50	42.1	40.9	84	82	32-143	3	20	
cis-1,2-Dichloroethene	ug/L	0.67J	50	50	48.0	46.8	95	92	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	53.2	52.0	106	104	70-130	2	20	
Dibromochloromethane	ug/L	<2.6	50	50	51.9	51.0	104	102	70-130	2	20	
Dichlorodifluoromethane	ug/L	<0.50	50	50	37.6	37.7	75	75	10-141	0	20	
Ethylbenzene	ug/L	<0.32	50	50	58.0	57.7	116	115	80-120	0	20	
Isopropylbenzene (Cumene)	ug/L	<1.7	50	50	52.2	51.7	104	103	70-130	1	20	
m&p-Xylene	ug/L	<0.47	100	100	115	114	115	114	70-130	1	20	
Methyl-tert-butyl ether	ug/L	<1.2	50	50	47.5	45.6	95	91	61-136	4	20	
Methylene Chloride	ug/L	<0.58	50	50	51.0	49.5	102	99	68-137	3	20	
o-Xylene	ug/L	<0.26	50	50	56.5	56.3	113	113	70-130	0	20	
Styrene	ug/L	<3.0	50	50	52.4	52.8	105	106	70-130	1	20	
Tetrachloroethene	ug/L	0.36J	50	50	59.8	58.8	119	117	70-130	2	20	
Toluene	ug/L	<0.27	50	50	56.7	55.6	113	111	80-120	2	20	
trans-1,2-Dichloroethene	ug/L	<0.46	50	50	52.0	50.7	104	101	70-130	3	20	
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	50.3	49.4	101	99	69-130	2	20	
Trichloroethene	ug/L	<0.26	50	50	57.9	57.4	115	115	70-130	1	20	
Trichlorofluoromethane	ug/L	<0.21	50	50	53.8	52.7	108	105	74-157	2	20	
Vinyl chloride	ug/L	0.38J	50	50	49.6	48.1	98	95	51-140	3	20	
4-Bromofluorobenzene (S)	%						110	111	70-130			
Dibromofluoromethane (S)	%						88	89	70-130			
Toluene-d8 (S)	%						105	106	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

QC Batch: 357885
QC Batch Method: EPA 300.0
Analysis Method: EPA 300.0
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209634006, 40209634011, 40209634012

METHOD BLANK: 2070170 Matrix: Water
Associated Lab Samples: 40209634006, 40209634011, 40209634012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	<0.044	0.15	06/17/20 10:56	
Sulfate	mg/L	<0.44	2.0	06/17/20 10:56	

LABORATORY CONTROL SAMPLE: 2070171

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	1.5	1.4	92	90-110	
Sulfate	mg/L	20	18.4	92	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2070172 2070173

Parameter	Units	40209634006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	<0.044	1.5	1.5	1.5	1.6	97	105	90-110	8	15	
Sulfate	mg/L	32.4	20	20	57.2	57.3	124	124	90-110	0	15	M0

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

QC Batch: 358486
QC Batch Method: EPA 310.2
Analysis Method: EPA 310.2
Analysis Description: 310.2 Alkalinity
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209634006, 40209634011, 40209634012

METHOD BLANK: 2073320 Matrix: Water
Associated Lab Samples: 40209634006, 40209634011, 40209634012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	24.8	06/24/20 11:26	

LABORATORY CONTROL SAMPLE: 2073321

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	98.6	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2073322 2073323

Parameter	Units	40209608009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	684	500	500	1170	1180	97	98	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2073324 2073325

Parameter	Units	40209714007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	404	200	200	595	594	95	95	90-110	0	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

QC Batch: 357829
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Total Organic Carbon
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209634006, 40209634011, 40209634012

METHOD BLANK: 2069972 Matrix: Water
Associated Lab Samples: 40209634006, 40209634011, 40209634012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.14	0.50	06/18/20 16:35	

LABORATORY CONTROL SAMPLE: 2069973

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	12.6	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2069974 2069975

Parameter	Units	40209608003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	1.5	6	6	7.7	7.7	103	104	80-120	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2069976 2069977

Parameter	Units	40209608004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	9.2	36	36	46.7	46.6	104	104	80-120	0	10	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

QUALIFIERS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
pH	Post-analysis pH measurement indicates insufficient VOA sample preservation.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209634

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40209634006	**OP-16**	EPA 8015B Modified	358107		
40209634011	**OP-14**	EPA 8015B Modified	358107		
40209634012	**OP-2**	EPA 8015B Modified	358107		
40209634006	**OP-16**	EPA 6010	358060		
40209634011	**OP-14**	EPA 6010	358060		
40209634012	**OP-2**	EPA 6010	358060		
40209634001	**MW-8**	EPA 8260	358016		
40209634002	**MW-20**	EPA 8260	358016		
40209634003	**MW-7R**	EPA 8260	358016		
40209634004	**MW-19**	EPA 8260	358016		
40209634005	**OP-15**	EPA 8260	358016		
40209634006	**OP-16**	EPA 8260	358016		
40209634007	**MW-15**	EPA 8260	358016		
40209634008	**OP-11**	EPA 8260	358016		
40209634009	**MW-12**	EPA 8260	358016		
40209634010	**MW-13R**	EPA 8260	358016		
40209634011	**OP-14**	EPA 8260	358016		
40209634012	**OP-2**	EPA 8260	358016		
40209634013	**DUP-2**	EPA 8260	358016		
40209634014	**OP-9**	EPA 8260	358016		
40209634015	**TRIP**	EPA 8260	358016		
40209634006	**OP-16**	EPA 300.0	357885		
40209634011	**OP-14**	EPA 300.0	357885		
40209634012	**OP-2**	EPA 300.0	357885		
40209634006	**OP-16**	EPA 310.2	358486		
40209634011	**OP-14**	EPA 310.2	358486		
40209634012	**OP-2**	EPA 310.2	358486		
40209634006	**OP-16**	SM 5310C	357829		
40209634011	**OP-14**	SM 5310C	357829		
40209634012	**OP-2**	SM 5310C	357829		

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

Page of

COC No. 40209634

CHAIN OF CUSTODY

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

(Please Print Clearly)	
Company Name:	GZA GeoEnvironmental
Branch/Location:	Waukesha
Project Contact:	Kevin Hedinger
Phone:	262-424-1761
Project Number:	20.0155935.01
Project Name:	Trent Tube
Project State:	WI
Sampled By (Print):	Sheryl Stephenson
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	SAME
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested	VOC	Dissolved Fe	Ethane, Ethene, Methane	Sulfate + Alk	TOC	Nitrate			CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
FILTERED? (YES/NO)					Y/N	N	Y	N	N	N	N					
PRESERVATION (CODE)*					Pick Letter	B	D	B	A	C	A					
001	MW-8	6/16/20	0858	GW		X										
002	MW-20		0930			X										
003	MW-7R		1011			X										
004	MW-19		1114			X										
005	OP-15		1313			X										
006	OP-16		1413			X	X	X	X	X	X					
007	MW-15		0859			X										
008	OP-11		0930			X										
009	MW-12		0959			X										
010	MW-13R		1057			X										
011	OP-14		1306			X	X	X	X	X						
012	OP-2		1358			X	X	X	X	X	X					
013	DUP-2	V	—	V		X										

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

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

Email #1:	
Email #2:	
Telephone:	
Fax:	

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
	6/16/20 1630		
CS Logistics	6/17/20 0840		6/17/20 0840

PACE Project No.: 40209634
Receipt Temp = 1.0 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present Intact / Not Intact

C019a(27Jun2006)

Version 6.0 06/14/06

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

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COC No. 40209634

CHAIN OF CUSTODY

*Preservation Codes
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(Please Print Clearly)	
Company Name:	GZA GeoEnvironmental
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Project Name:	Trent Tube
Project State:	WI
Sampled By (Print):	Sheryl Stephenson
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	SAME
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

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

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested: Y/N	Pick Letter	VOC	Dissolved Fe	Ethane, Ethene, Methane	Sulfate + Alk	TOC	Nitrate	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					Y/N		N	Y	N	N	N				
					Pick Letter		B	D	B	A	A				
014	OP-9	6/16/20	1055	GW			X								
015	TRIP	6/16/20	—	W											

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

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

Email #1:	
Email #2:	
Telephone:	
Fax:	

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
	6/16/20 1630		
C.S logistics	6/17/20 0840		
			6/17/20 0840

PACE Project No. 40209634

Receipt Temp = 1.0 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

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

Sample Preservation Receipt Form

Client Name: GZA Project # 40209634

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

Lab Lot# of pH paper: 10V27791 Lab Std #ID of preservation (if pH adjusted):

	Glass								Plastic					Vials						Jars				General			VOA Vials (>6mm) *						
Pace Lab #	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN		H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																	3																2.5 / 5 / 10
002																	3																2.5 / 5 / 10
003																	3																2.5 / 5 / 10
004																	3																2.5 / 5 / 10
005																	3																2.5 / 5 / 10
006				1						1		1					6														X		2.5 / 5 / 10
007																	3																2.5 / 5 / 10
008																	3																2.5 / 5 / 10
009																	3																2.5 / 5 / 10
010																	3																2.5 / 5 / 10
011				1						1		1					6														X		2.5 / 5 / 10
012				1						1		1					6														X		2.5 / 5 / 10
013																	3																2.5 / 5 / 10
014																	3																2.5 / 5 / 10
015																	1																2.5 / 5 / 10
016																																	2.5 / 5 / 10
017																																	2.5 / 5 / 10
018																												6/17/20					2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

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

AG1U	1 liter amber glass
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG4U	120 mL amber glass unpres
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

BP1U	1 liter plastic unpres
BP3U	250 mL plastic unpres
BP3B	250 mL plastic NaOH
BP3N	250 mL plastic HNO3
BP3S	250 mL plastic H2SO4

VG9A	40 mL clear ascorbic
DG9T	40 mL amber Na Thio
VG9U	40 mL clear vial unpres
VG9H	40 mL clear vial HCL
VG9M	40 mL clear vial MeOH
VG9D	40 mL clear vial DI

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres
SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN	

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

Sample Condition Upon Receipt Form (SCUR)

Project #: WO# : 40209634

Client Name: GZA

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

Tracking #: 1689 0616 20

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

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

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

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

Cooler Temperature Uncorr: NOI /Corr:

Person examining contents: Date: 6/17/20 Initials: NP

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

Labeled By Initials: JL

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☐Yes ☒No ☐N/A	2. No Dy # 6/17/20 NP
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☒Yes ☐No	6.
Rush Turn Around Time Requested:	☐Yes ☒No	7.
Sufficient Volume: For Analysis: ☒Yes ☐No MS/MSD: ☐Yes ☒No ☐N/A		8.
Correct Containers Used:	☒Yes ☐No	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☒N/A	
Containers Intact:	☒Yes ☐No	10.
Filtered volume received for Dissolved tests	☒Yes ☐No ☐N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
Trip Blank Present:	☒Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☒Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 447		

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

Person Contacted: Date/Time:

Comments/ Resolution:

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

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

June 25, 2020

Kevin Hedinger
GZA
17975 West Sarah Lane
Suite 100
Brookfield, WI 53045

RE: Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Dear Kevin Hedinger:

Enclosed are the analytical results for sample(s) received by the laboratory on June 18, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

Christopher Hyska

Christopher Hyska
christopher.hyska@pacelabs.com
(920)469-2436
Project Manager

Enclosures

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

CERTIFICATIONS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

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

SAMPLE SUMMARY

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40209714001	**RW-18**	Water	06/17/20 08:58	06/18/20 08:55
40209714002	**RW-19**	Water	06/17/20 09:29	06/18/20 08:55
40209714003	**RW-21**	Water	06/17/20 10:06	06/18/20 08:55
40209714004	**OP-1**	Water	06/17/20 10:37	06/18/20 08:55
40209714005	**RW-22**	Water	06/17/20 11:15	06/18/20 08:55
40209714006	**RW-3**	Water	06/17/20 12:23	06/18/20 08:55
40209714007	**OP-3**	Water	06/17/20 12:52	06/18/20 08:55
40209714008	**RW-24**	Water	06/17/20 13:28	06/18/20 08:55
40209714009	**RW-16**	Water	06/17/20 08:49	06/18/20 08:55
40209714010	**RW-17**	Water	06/17/20 09:18	06/18/20 08:55
40209714011	**RW-20**	Water	06/17/20 09:54	06/18/20 08:55
40209714012	**RW-01**	Water	06/17/20 10:27	06/18/20 08:55
40209714013	**RW-2**	Water	06/17/20 11:08	06/18/20 08:55
40209714014	**RW-23**	Water	06/17/20 12:26	06/18/20 08:55
40209714015	**RW-4**	Water	06/17/20 12:58	06/18/20 08:55
40209714016	**OP-4**	Water	06/17/20 13:31	06/18/20 08:55
40209714017	**DUP-3**	Water	06/17/20 00:00	06/18/20 08:55
40209714018	**TRIP**	Water	06/17/20 00:00	06/18/20 08:55

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

SAMPLE ANALYTE COUNT

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40209714001	**RW-18**	EPA 8260	HNW	64	PASI-G
40209714002	**RW-19**	EPA 8260	HNW	64	PASI-G
40209714003	**RW-21**	EPA 8260	HNW	64	PASI-G
40209714004	**OP-1**	EPA 8260	HNW	64	PASI-G
40209714005	**RW-22**	EPA 8260	HNW	64	PASI-G
40209714006	**RW-3**	EPA 8260	HNW	64	PASI-G
40209714007	**OP-3**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	HNW	64	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40209714008	**RW-24**	EPA 8260	HNW	64	PASI-G
40209714009	**RW-16**	EPA 8260	HNW	64	PASI-G
40209714010	**RW-17**	EPA 8260	HNW	64	PASI-G
40209714011	**RW-20**	EPA 8260	HNW	64	PASI-G
40209714012	**RW-01**	EPA 8260	HNW	64	PASI-G
40209714013	**RW-2**	EPA 8260	HNW	64	PASI-G
40209714014	**RW-23**	EPA 8260	HNW	64	PASI-G
40209714015	**RW-4**	EPA 8260	HNW	64	PASI-G
40209714016	**OP-4**	EPA 8260	HNW	64	PASI-G
40209714017	**DUP-3**	EPA 8260	HNW	64	PASI-G
40209714018	**TRIP**	EPA 8260	HNW	64	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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

SUMMARY OF DETECTION

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40209714001	**RW-18**					
EPA 8260	1,1,1-Trichloroethane	33.4	ug/L	5.0	06/20/20 01:41	
EPA 8260	1,1-Dichloroethane	10.2	ug/L	5.0	06/20/20 01:41	
EPA 8260	1,1-Dichloroethene	3.9J	ug/L	5.0	06/20/20 01:41	
EPA 8260	Tetrachloroethene	9.6	ug/L	5.4	06/20/20 01:41	
EPA 8260	Trichloroethene	342	ug/L	5.0	06/20/20 01:41	
EPA 8260	cis-1,2-Dichloroethene	265	ug/L	5.0	06/20/20 01:41	
EPA 8260	trans-1,2-Dichloroethene	4.7J	ug/L	7.7	06/20/20 01:41	
40209714002	**RW-19**					
EPA 8260	1,1,1-Trichloroethane	11.1	ug/L	10.0	06/20/20 02:03	
EPA 8260	1,1-Dichloroethane	13.8	ug/L	10.0	06/20/20 02:03	
EPA 8260	1,1-Dichloroethene	13.6	ug/L	10.0	06/20/20 02:03	
EPA 8260	Chloroform	24.2J	ug/L	50.0	06/20/20 02:03	
EPA 8260	Tetrachloroethene	5.4J	ug/L	10.9	06/20/20 02:03	
EPA 8260	Trichloroethene	798	ug/L	10.0	06/20/20 02:03	
EPA 8260	Vinyl chloride	23.9	ug/L	10.0	06/20/20 02:03	
EPA 8260	cis-1,2-Dichloroethene	596	ug/L	10.0	06/20/20 02:03	
EPA 8260	trans-1,2-Dichloroethene	112	ug/L	15.5	06/20/20 02:03	
40209714003	**RW-21**					
EPA 8260	1,1,1-Trichloroethane	72.9	ug/L	5.0	06/20/20 02:24	
EPA 8260	1,1-Dichloroethane	10.0	ug/L	5.0	06/20/20 02:24	
EPA 8260	1,1-Dichloroethene	1.9J	ug/L	5.0	06/20/20 02:24	
EPA 8260	Trichloroethene	269	ug/L	5.0	06/20/20 02:24	
EPA 8260	Vinyl chloride	5.6	ug/L	5.0	06/20/20 02:24	
EPA 8260	cis-1,2-Dichloroethene	163	ug/L	5.0	06/20/20 02:24	
40209714004	**OP-1**					
EPA 8260	1,1,1-Trichloroethane	136	ug/L	5.0	06/20/20 02:46	
EPA 8260	1,1-Dichloroethane	23.4	ug/L	5.0	06/20/20 02:46	
EPA 8260	1,1-Dichloroethene	2.8J	ug/L	5.0	06/20/20 02:46	
EPA 8260	Trichloroethene	345	ug/L	5.0	06/20/20 02:46	
EPA 8260	Vinyl chloride	2.2J	ug/L	5.0	06/20/20 02:46	
EPA 8260	cis-1,2-Dichloroethene	193	ug/L	5.0	06/20/20 02:46	
EPA 8260	trans-1,2-Dichloroethene	3.5J	ug/L	7.7	06/20/20 02:46	
40209714005	**RW-22**					
EPA 8260	1,1,1-Trichloroethane	353	ug/L	10.0	06/22/20 10:19	
EPA 8260	1,1-Dichloroethane	37.8	ug/L	10.0	06/22/20 10:19	
EPA 8260	1,1-Dichloroethene	17.0	ug/L	10.0	06/22/20 10:19	
EPA 8260	Trichloroethene	380	ug/L	10.0	06/22/20 10:19	
EPA 8260	Vinyl chloride	6.0J	ug/L	10.0	06/22/20 10:19	
EPA 8260	cis-1,2-Dichloroethene	847	ug/L	10.0	06/22/20 10:19	
40209714006	**RW-3**					
EPA 8260	1,1,1-Trichloroethane	590	ug/L	20.0	06/22/20 11:08	
EPA 8260	1,1-Dichloroethane	69.0	ug/L	20.0	06/22/20 11:08	
EPA 8260	1,1-Dichloroethene	34.2	ug/L	20.0	06/22/20 11:08	
EPA 8260	Trichloroethene	172	ug/L	20.0	06/22/20 11:08	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40209714006	**RW-3**					
EPA 8260	Vinyl chloride	52.4	ug/L	20.0	06/22/20 11:08	
EPA 8260	cis-1,2-Dichloroethene	1490	ug/L	20.0	06/22/20 11:08	
40209714007	**OP-3**					
EPA 8015B Modified	Ethane	8.6	ug/L	5.6	06/19/20 12:23	
EPA 8015B Modified	Ethene	5.7	ug/L	5.0	06/19/20 12:23	
EPA 8015B Modified	Methane	375	ug/L	14.0	06/19/20 13:52	
EPA 6010	Iron, Dissolved	652	ug/L	100	06/22/20 19:08	
EPA 8260	1,1,1-Trichloroethane	364	ug/L	5.0	06/19/20 21:56	
EPA 8260	1,1-Dichloroethane	129	ug/L	5.0	06/19/20 21:56	
EPA 8260	1,1-Dichloroethene	60.6	ug/L	5.0	06/19/20 21:56	
EPA 8260	Chloroethane	10.3J	ug/L	25.0	06/19/20 21:56	
EPA 8260	Trichloroethene	593	ug/L	5.0	06/19/20 21:56	
EPA 8260	Vinyl chloride	47.9	ug/L	5.0	06/19/20 21:56	
EPA 8260	cis-1,2-Dichloroethene	439	ug/L	5.0	06/19/20 21:56	
EPA 8260	trans-1,2-Dichloroethene	4.5J	ug/L	7.7	06/19/20 21:56	
EPA 300.0	Nitrate as N	0.054J	mg/L	0.15	06/18/20 13:04	
EPA 300.0	Sulfate	58.2	mg/L	10.0	06/18/20 22:26	M0
EPA 310.2	Alkalinity, Total as CaCO3	404	mg/L	49.6	06/24/20 11:58	
SM 5310C	Total Organic Carbon	2.5	mg/L	0.50	06/19/20 10:03	
40209714008	**RW-24**					
EPA 8260	1,1,1-Trichloroethane	286	ug/L	2.5	06/22/20 12:48	
EPA 8260	1,1-Dichloroethane	181	ug/L	2.5	06/22/20 12:48	
EPA 8260	1,1-Dichloroethene	57.0	ug/L	2.5	06/22/20 12:48	
EPA 8260	1,2-Dichloroethane	1.5J	ug/L	2.5	06/22/20 12:48	
EPA 8260	Chloroethane	17.2	ug/L	12.5	06/22/20 12:48	
EPA 8260	Tetrachloroethene	0.96J	ug/L	2.7	06/22/20 12:48	
EPA 8260	Trichloroethene	127	ug/L	2.5	06/22/20 12:48	
EPA 8260	Vinyl chloride	98.6	ug/L	2.5	06/22/20 12:48	
EPA 8260	cis-1,2-Dichloroethene	250	ug/L	2.5	06/22/20 12:48	
EPA 8260	trans-1,2-Dichloroethene	4.0	ug/L	3.9	06/22/20 12:48	
40209714009	**RW-16**					
EPA 8260	1,1,1-Trichloroethane	14.3	ug/L	5.0	06/22/20 17:55	M1
EPA 8260	1,1-Dichloroethane	3.1J	ug/L	5.0	06/22/20 17:55	
EPA 8260	Trichloroethene	14.6	ug/L	5.0	06/22/20 17:55	M1
EPA 8260	cis-1,2-Dichloroethene	229	ug/L	5.0	06/22/20 17:55	M1
40209714010	**RW-17**					
EPA 8260	1,1,1-Trichloroethane	16.1	ug/L	10.0	06/19/20 22:40	
EPA 8260	1,1-Dichloroethane	4.3J	ug/L	10.0	06/19/20 22:40	
EPA 8260	Tetrachloroethene	12.7	ug/L	10.9	06/19/20 22:40	
EPA 8260	Trichloroethene	1060	ug/L	10.0	06/19/20 22:40	
EPA 8260	cis-1,2-Dichloroethene	527	ug/L	10.0	06/19/20 22:40	
40209714011	**RW-20**					
EPA 8260	1,1,1-Trichloroethane	29.6	ug/L	10.0	06/19/20 23:02	
EPA 8260	1,1-Dichloroethene	2.9J	ug/L	10.0	06/19/20 23:02	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40209714011	**RW-20**					
EPA 8260	Trichloroethene	931	ug/L	10.0	06/19/20 23:02	
EPA 8260	Vinyl chloride	3.1J	ug/L	10.0	06/19/20 23:02	
EPA 8260	cis-1,2-Dichloroethene	253	ug/L	10.0	06/19/20 23:02	
EPA 8260	trans-1,2-Dichloroethene	5.2J	ug/L	15.5	06/19/20 23:02	
40209714012	**RW-01**					
EPA 8260	1,1,1-Trichloroethane	66.4	ug/L	1.0	06/22/20 12:04	
EPA 8260	1,1-Dichloroethane	3.0	ug/L	1.0	06/22/20 12:04	
EPA 8260	1,1-Dichloroethene	0.89J	ug/L	1.0	06/22/20 12:04	
EPA 8260	Tetrachloroethene	0.75J	ug/L	1.1	06/22/20 12:04	
EPA 8260	Trichloroethene	19.2	ug/L	1.0	06/22/20 12:04	
EPA 8260	cis-1,2-Dichloroethene	4.9	ug/L	1.0	06/22/20 12:04	
40209714013	**RW-2**					
EPA 8260	1,1,1-Trichloroethane	263	ug/L	5.0	06/19/20 23:45	
EPA 8260	1,1-Dichloroethane	32.7	ug/L	5.0	06/19/20 23:45	
EPA 8260	1,1-Dichloroethene	13.6	ug/L	5.0	06/19/20 23:45	
EPA 8260	Trichloroethene	314	ug/L	5.0	06/19/20 23:45	
EPA 8260	Vinyl chloride	2.9J	ug/L	5.0	06/19/20 23:45	
EPA 8260	cis-1,2-Dichloroethene	685	ug/L	5.0	06/19/20 23:45	
EPA 8260	trans-1,2-Dichloroethene	9.8	ug/L	7.7	06/19/20 23:45	
40209714014	**RW-23**					
EPA 8260	1,1,1-Trichloroethane	504	ug/L	10.0	06/20/20 00:07	
EPA 8260	1,1-Dichloroethane	28.8	ug/L	10.0	06/20/20 00:07	
EPA 8260	1,1-Dichloroethene	24.3	ug/L	10.0	06/20/20 00:07	
EPA 8260	Trichloroethene	146	ug/L	10.0	06/20/20 00:07	
EPA 8260	cis-1,2-Dichloroethene	89.9	ug/L	10.0	06/20/20 00:07	
40209714015	**RW-4**					
EPA 8260	1,1,1-Trichloroethane	161	ug/L	2.0	06/22/20 13:10	
EPA 8260	1,1-Dichloroethane	39.2	ug/L	2.0	06/22/20 13:10	
EPA 8260	1,1-Dichloroethene	11.9	ug/L	2.0	06/22/20 13:10	
EPA 8260	Tetrachloroethene	0.72J	ug/L	2.2	06/22/20 13:10	
EPA 8260	Trichloroethene	99.5	ug/L	2.0	06/22/20 13:10	
EPA 8260	Vinyl chloride	0.80J	ug/L	2.0	06/22/20 13:10	
EPA 8260	cis-1,2-Dichloroethene	39.5	ug/L	2.0	06/22/20 13:10	
40209714016	**OP-4**					
EPA 8260	1,1,1-Trichloroethane	275	ug/L	2.0	06/20/20 00:51	
EPA 8260	1,1-Dichloroethane	45.6	ug/L	2.0	06/20/20 00:51	
EPA 8260	1,1-Dichloroethene	24.8	ug/L	2.0	06/20/20 00:51	
EPA 8260	Trichloroethene	81.3	ug/L	2.0	06/20/20 00:51	
EPA 8260	Vinyl chloride	2.8	ug/L	2.0	06/20/20 00:51	
EPA 8260	cis-1,2-Dichloroethene	119	ug/L	2.0	06/20/20 00:51	
EPA 8260	trans-1,2-Dichloroethene	1.3J	ug/L	3.1	06/20/20 00:51	
40209714017	**DUP-3**					
EPA 8260	1,1,1-Trichloroethane	255	ug/L	2.5	06/22/20 18:17	
EPA 8260	1,1-Dichloroethane	32.1	ug/L	2.5	06/22/20 18:17	

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SUMMARY OF DETECTION

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40209714017	**DUP-3**					
EPA 8260	1,1-Dichloroethene	14.5	ug/L	2.5	06/22/20 18:17	
EPA 8260	Trichloroethene	314	ug/L	2.5	06/22/20 18:17	
EPA 8260	Vinyl chloride	3.1	ug/L	2.5	06/22/20 18:17	
EPA 8260	cis-1,2-Dichloroethene	636	ug/L	2.5	06/22/20 18:17	
EPA 8260	trans-1,2-Dichloroethene	2.1J	ug/L	3.9	06/22/20 18:17	
40209714018	**TRIP**					
EPA 8260	Chloromethane	2.7J	ug/L	7.3	06/19/20 19:44	

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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: RW-18 **Lab ID: 40209714001** Collected: 06/17/20 08:58 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<1.3**	ug/L	5.0	1.3	5		06/20/20 01:41	630-20-6	
1,1,1-Trichloroethane	**33.4**	ug/L	5.0	1.2	5		06/20/20 01:41	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.4**	ug/L	5.0	1.4	5		06/20/20 01:41	79-34-5	
1,1,2-Trichloroethane	**<2.8**	ug/L	25.0	2.8	5		06/20/20 01:41	79-00-5	
1,1-Dichloroethane	**10.2**	ug/L	5.0	1.4	5		06/20/20 01:41	75-34-3	
1,1-Dichloroethene	**3.9J**	ug/L	5.0	1.2	5		06/20/20 01:41	75-35-4	
1,1-Dichloropropene	**<2.7**	ug/L	9.0	2.7	5		06/20/20 01:41	563-58-6	
1,2,3-Trichlorobenzene	**<11.1**	ug/L	36.8	11.1	5		06/20/20 01:41	87-61-6	
1,2,3-Trichloropropane	**<3.0**	ug/L	25.0	3.0	5		06/20/20 01:41	96-18-4	
1,2,4-Trichlorobenzene	**<4.8**	ug/L	25.0	4.8	5		06/20/20 01:41	120-82-1	
1,2,4-Trimethylbenzene	**<4.2**	ug/L	14.0	4.2	5		06/20/20 01:41	95-63-6	
1,2-Dibromo-3-chloropropane	**<8.8**	ug/L	29.4	8.8	5		06/20/20 01:41	96-12-8	
1,2-Dibromoethane (EDB)	**<4.1**	ug/L	13.8	4.1	5		06/20/20 01:41	106-93-4	
1,2-Dichlorobenzene	**<3.5**	ug/L	11.8	3.5	5		06/20/20 01:41	95-50-1	
1,2-Dichloroethane	**<1.4**	ug/L	5.0	1.4	5		06/20/20 01:41	107-06-2	
1,2-Dichloropropane	**<1.4**	ug/L	5.0	1.4	5		06/20/20 01:41	78-87-5	
1,3,5-Trimethylbenzene	**<4.4**	ug/L	14.6	4.4	5		06/20/20 01:41	108-67-8	
1,3-Dichlorobenzene	**<3.1**	ug/L	10.5	3.1	5		06/20/20 01:41	541-73-1	
1,3-Dichloropropane	**<4.1**	ug/L	13.8	4.1	5		06/20/20 01:41	142-28-9	
1,4-Dichlorobenzene	**<4.7**	ug/L	15.7	4.7	5		06/20/20 01:41	106-46-7	
2,2-Dichloropropane	**<11.3**	ug/L	37.8	11.3	5		06/20/20 01:41	594-20-7	
2-Chlorotoluene	**<4.6**	ug/L	25.0	4.6	5		06/20/20 01:41	95-49-8	
4-Chlorotoluene	**<3.8**	ug/L	12.6	3.8	5		06/20/20 01:41	106-43-4	
Benzene	**<1.2**	ug/L	5.0	1.2	5		06/20/20 01:41	71-43-2	
Bromobenzene	**<1.2**	ug/L	5.0	1.2	5		06/20/20 01:41	108-86-1	
Bromochloromethane	**<1.8**	ug/L	25.0	1.8	5		06/20/20 01:41	74-97-5	
Bromodichloromethane	**<1.8**	ug/L	6.1	1.8	5		06/20/20 01:41	75-27-4	
Bromoform	**<19.9**	ug/L	66.2	19.9	5		06/20/20 01:41	75-25-2	
Bromomethane	**<4.9**	ug/L	25.0	4.9	5		06/20/20 01:41	74-83-9	
Carbon tetrachloride	**<5.4**	ug/L	17.9	5.4	5		06/20/20 01:41	56-23-5	
Chlorobenzene	**<3.6**	ug/L	11.8	3.6	5		06/20/20 01:41	108-90-7	
Chloroethane	**<6.7**	ug/L	25.0	6.7	5		06/20/20 01:41	75-00-3	
Chloroform	**<6.4**	ug/L	25.0	6.4	5		06/20/20 01:41	67-66-3	
Chloromethane	**<10.9**	ug/L	36.5	10.9	5		06/20/20 01:41	74-87-3	
Dibromochloromethane	**<13.0**	ug/L	43.4	13.0	5		06/20/20 01:41	124-48-1	
Dibromomethane	**<4.7**	ug/L	15.6	4.7	5		06/20/20 01:41	74-95-3	
Dichlorodifluoromethane	**<2.5**	ug/L	25.0	2.5	5		06/20/20 01:41	75-71-8	
Diisopropyl ether	**<9.4**	ug/L	31.5	9.4	5		06/20/20 01:41	108-20-3	
Ethylbenzene	**<1.6**	ug/L	5.3	1.6	5		06/20/20 01:41	100-41-4	
Hexachloro-1,3-butadiene	**<7.3**	ug/L	24.4	7.3	5		06/20/20 01:41	87-68-3	
Isopropylbenzene (Cumene)	**<8.4**	ug/L	28.1	8.4	5		06/20/20 01:41	98-82-8	
Methyl-tert-butyl ether	**<6.2**	ug/L	20.8	6.2	5		06/20/20 01:41	1634-04-4	
Methylene Chloride	**<2.9**	ug/L	25.0	2.9	5		06/20/20 01:41	75-09-2	
Naphthalene	**<5.9**	ug/L	25.0	5.9	5		06/20/20 01:41	91-20-3	
Styrene	**<15.0**	ug/L	50.2	15.0	5		06/20/20 01:41	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: RW-18 **Lab ID: 40209714001** Collected: 06/17/20 08:58 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Tetrachloroethene	**9.6**	ug/L	5.4	1.6	5		06/20/20 01:41	127-18-4	
Toluene	**<1.3**	ug/L	4.5	1.3	5		06/20/20 01:41	108-88-3	
Trichloroethene	**342**	ug/L	5.0	1.3	5		06/20/20 01:41	79-01-6	
Trichlorofluoromethane	**<1.1**	ug/L	5.0	1.1	5		06/20/20 01:41	75-69-4	
Vinyl chloride	**<0.87**	ug/L	5.0	0.87	5		06/20/20 01:41	75-01-4	
cis-1,2-Dichloroethene	**265**	ug/L	5.0	1.4	5		06/20/20 01:41	156-59-2	
cis-1,3-Dichloropropene	**<18.1**	ug/L	60.5	18.1	5		06/20/20 01:41	10061-01-5	
m&p-Xylene	**<2.3**	ug/L	10.0	2.3	5		06/20/20 01:41	179601-23-1	
n-Butylbenzene	**<3.5**	ug/L	11.8	3.5	5		06/20/20 01:41	104-51-8	
n-Propylbenzene	**<4.1**	ug/L	25.0	4.1	5		06/20/20 01:41	103-65-1	
o-Xylene	**<1.3**	ug/L	5.0	1.3	5		06/20/20 01:41	95-47-6	
p-Isopropyltoluene	**<4.0**	ug/L	13.3	4.0	5		06/20/20 01:41	99-87-6	
sec-Butylbenzene	**<4.2**	ug/L	25.0	4.2	5		06/20/20 01:41	135-98-8	
tert-Butylbenzene	**<1.5**	ug/L	5.1	1.5	5		06/20/20 01:41	98-06-6	
trans-1,2-Dichloroethene	**4.7J**	ug/L	7.7	2.3	5		06/20/20 01:41	156-60-5	
trans-1,3-Dichloropropene	**<21.9**	ug/L	72.8	21.9	5		06/20/20 01:41	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		5		06/20/20 01:41	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		5		06/20/20 01:41	1868-53-7	
Toluene-d8 (S)	99	%	70-130		5		06/20/20 01:41	2037-26-5	

Sample: RW-19 **Lab ID: 40209714002** Collected: 06/17/20 09:29 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<2.7**	ug/L	10.0	2.7	10		06/20/20 02:03	630-20-6	
1,1,1-Trichloroethane	**11.1**	ug/L	10.0	2.4	10		06/20/20 02:03	71-55-6	
1,1,2,2-Tetrachloroethane	**<2.8**	ug/L	10.0	2.8	10		06/20/20 02:03	79-34-5	
1,1,2-Trichloroethane	**<5.5**	ug/L	50.0	5.5	10		06/20/20 02:03	79-00-5	
1,1-Dichloroethane	**13.8**	ug/L	10.0	2.7	10		06/20/20 02:03	75-34-3	
1,1-Dichloroethene	**13.6**	ug/L	10.0	2.4	10		06/20/20 02:03	75-35-4	
1,1-Dichloropropene	**<5.4**	ug/L	18.0	5.4	10		06/20/20 02:03	563-58-6	
1,2,3-Trichlorobenzene	**<22.1**	ug/L	73.7	22.1	10		06/20/20 02:03	87-61-6	
1,2,3-Trichloropropane	**<5.9**	ug/L	50.0	5.9	10		06/20/20 02:03	96-18-4	
1,2,4-Trichlorobenzene	**<9.5**	ug/L	50.0	9.5	10		06/20/20 02:03	120-82-1	
1,2,4-Trimethylbenzene	**<8.4**	ug/L	28.0	8.4	10		06/20/20 02:03	95-63-6	
1,2-Dibromo-3-chloropropane	**<17.6**	ug/L	58.8	17.6	10		06/20/20 02:03	96-12-8	
1,2-Dibromoethane (EDB)	**<8.3**	ug/L	27.6	8.3	10		06/20/20 02:03	106-93-4	
1,2-Dichlorobenzene	**<7.1**	ug/L	23.5	7.1	10		06/20/20 02:03	95-50-1	
1,2-Dichloroethane	**<2.8**	ug/L	10.0	2.8	10		06/20/20 02:03	107-06-2	
1,2-Dichloropropane	**<2.8**	ug/L	10.0	2.8	10		06/20/20 02:03	78-87-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: RW-19 **Lab ID: 40209714002** Collected: 06/17/20 09:29 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,3,5-Trimethylbenzene	**<8.7**	ug/L	29.1	8.7	10		06/20/20 02:03	108-67-8	
1,3-Dichlorobenzene	**<6.3**	ug/L	20.9	6.3	10		06/20/20 02:03	541-73-1	
1,3-Dichloropropane	**<8.3**	ug/L	27.5	8.3	10		06/20/20 02:03	142-28-9	
1,4-Dichlorobenzene	**<9.4**	ug/L	31.5	9.4	10		06/20/20 02:03	106-46-7	
2,2-Dichloropropane	**<22.7**	ug/L	75.5	22.7	10		06/20/20 02:03	594-20-7	
2-Chlorotoluene	**<9.3**	ug/L	50.0	9.3	10		06/20/20 02:03	95-49-8	
4-Chlorotoluene	**<7.6**	ug/L	25.2	7.6	10		06/20/20 02:03	106-43-4	
Benzene	**<2.5**	ug/L	10.0	2.5	10		06/20/20 02:03	71-43-2	
Bromobenzene	**<2.4**	ug/L	10.0	2.4	10		06/20/20 02:03	108-86-1	
Bromochloromethane	**<3.6**	ug/L	50.0	3.6	10		06/20/20 02:03	74-97-5	
Bromodichloromethane	**<3.6**	ug/L	12.1	3.6	10		06/20/20 02:03	75-27-4	
Bromoform	**<39.7**	ug/L	132	39.7	10		06/20/20 02:03	75-25-2	
Bromomethane	**<9.7**	ug/L	50.0	9.7	10		06/20/20 02:03	74-83-9	
Carbon tetrachloride	**<10.8**	ug/L	35.9	10.8	10		06/20/20 02:03	56-23-5	
Chlorobenzene	**<7.1**	ug/L	23.7	7.1	10		06/20/20 02:03	108-90-7	
Chloroethane	**<13.4**	ug/L	50.0	13.4	10		06/20/20 02:03	75-00-3	
Chloroform	**24.2J**	ug/L	50.0	12.7	10		06/20/20 02:03	67-66-3	
Chloromethane	**<21.9**	ug/L	73.0	21.9	10		06/20/20 02:03	74-87-3	
Dibromochloromethane	**<26.0**	ug/L	86.7	26.0	10		06/20/20 02:03	124-48-1	
Dibromomethane	**<9.4**	ug/L	31.2	9.4	10		06/20/20 02:03	74-95-3	
Dichlorodifluoromethane	**<5.0**	ug/L	50.0	5.0	10		06/20/20 02:03	75-71-8	
Diisopropyl ether	**<18.9**	ug/L	62.9	18.9	10		06/20/20 02:03	108-20-3	
Ethylbenzene	**<3.2**	ug/L	10.6	3.2	10		06/20/20 02:03	100-41-4	
Hexachloro-1,3-butadiene	**<14.6**	ug/L	48.8	14.6	10		06/20/20 02:03	87-68-3	
Isopropylbenzene (Cumene)	**<16.9**	ug/L	56.2	16.9	10		06/20/20 02:03	98-82-8	
Methyl-tert-butyl ether	**<12.5**	ug/L	41.5	12.5	10		06/20/20 02:03	1634-04-4	
Methylene Chloride	**<5.8**	ug/L	50.0	5.8	10		06/20/20 02:03	75-09-2	
Naphthalene	**<11.8**	ug/L	50.0	11.8	10		06/20/20 02:03	91-20-3	
Styrene	**<30.1**	ug/L	100	30.1	10		06/20/20 02:03	100-42-5	
Tetrachloroethene	**5.4J**	ug/L	10.9	3.3	10		06/20/20 02:03	127-18-4	
Toluene	**<2.7**	ug/L	9.0	2.7	10		06/20/20 02:03	108-88-3	
Trichloroethene	**798**	ug/L	10.0	2.6	10		06/20/20 02:03	79-01-6	
Trichlorofluoromethane	**<2.1**	ug/L	10.0	2.1	10		06/20/20 02:03	75-69-4	
Vinyl chloride	**23.9**	ug/L	10.0	1.7	10		06/20/20 02:03	75-01-4	
cis-1,2-Dichloroethene	**596**	ug/L	10.0	2.7	10		06/20/20 02:03	156-59-2	
cis-1,3-Dichloropropene	**<36.3**	ug/L	121	36.3	10		06/20/20 02:03	10061-01-5	
m&p-Xylene	**<4.7**	ug/L	20.0	4.7	10		06/20/20 02:03	179601-23-1	
n-Butylbenzene	**<7.1**	ug/L	23.6	7.1	10		06/20/20 02:03	104-51-8	
n-Propylbenzene	**<8.1**	ug/L	50.0	8.1	10		06/20/20 02:03	103-65-1	
o-Xylene	**<2.6**	ug/L	10.0	2.6	10		06/20/20 02:03	95-47-6	
p-Isopropyltoluene	**<8.0**	ug/L	26.7	8.0	10		06/20/20 02:03	99-87-6	
sec-Butylbenzene	**<8.5**	ug/L	50.0	8.5	10		06/20/20 02:03	135-98-8	
tert-Butylbenzene	**<3.0**	ug/L	10.1	3.0	10		06/20/20 02:03	98-06-6	
trans-1,2-Dichloroethene	**112**	ug/L	15.5	4.6	10		06/20/20 02:03	156-60-5	
trans-1,3-Dichloropropene	**<43.7**	ug/L	146	43.7	10		06/20/20 02:03	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: RW-19 **Lab ID: 40209714002** Collected: 06/17/20 09:29 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		10		06/20/20 02:03	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		10		06/20/20 02:03	1868-53-7	
Toluene-d8 (S)	98	%	70-130		10		06/20/20 02:03	2037-26-5	

Sample: RW-21 **Lab ID: 40209714003** Collected: 06/17/20 10:06 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<1.3**	ug/L	5.0	1.3	5		06/20/20 02:24	630-20-6	
1,1,1-Trichloroethane	**72.9**	ug/L	5.0	1.2	5		06/20/20 02:24	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.4**	ug/L	5.0	1.4	5		06/20/20 02:24	79-34-5	
1,1,2-Trichloroethane	**<2.8**	ug/L	25.0	2.8	5		06/20/20 02:24	79-00-5	
1,1-Dichloroethane	**10.0**	ug/L	5.0	1.4	5		06/20/20 02:24	75-34-3	
1,1-Dichloroethene	**1.9J**	ug/L	5.0	1.2	5		06/20/20 02:24	75-35-4	
1,1-Dichloropropene	**<2.7**	ug/L	9.0	2.7	5		06/20/20 02:24	563-58-6	
1,2,3-Trichlorobenzene	**<11.1**	ug/L	36.8	11.1	5		06/20/20 02:24	87-61-6	
1,2,3-Trichloropropane	**<3.0**	ug/L	25.0	3.0	5		06/20/20 02:24	96-18-4	
1,2,4-Trichlorobenzene	**<4.8**	ug/L	25.0	4.8	5		06/20/20 02:24	120-82-1	
1,2,4-Trimethylbenzene	**<4.2**	ug/L	14.0	4.2	5		06/20/20 02:24	95-63-6	
1,2-Dibromo-3-chloropropane	**<8.8**	ug/L	29.4	8.8	5		06/20/20 02:24	96-12-8	
1,2-Dibromoethane (EDB)	**<4.1**	ug/L	13.8	4.1	5		06/20/20 02:24	106-93-4	
1,2-Dichlorobenzene	**<3.5**	ug/L	11.8	3.5	5		06/20/20 02:24	95-50-1	
1,2-Dichloroethane	**<1.4**	ug/L	5.0	1.4	5		06/20/20 02:24	107-06-2	
1,2-Dichloropropane	**<1.4**	ug/L	5.0	1.4	5		06/20/20 02:24	78-87-5	
1,3,5-Trimethylbenzene	**<4.4**	ug/L	14.6	4.4	5		06/20/20 02:24	108-67-8	
1,3-Dichlorobenzene	**<3.1**	ug/L	10.5	3.1	5		06/20/20 02:24	541-73-1	
1,3-Dichloropropane	**<4.1**	ug/L	13.8	4.1	5		06/20/20 02:24	142-28-9	
1,4-Dichlorobenzene	**<4.7**	ug/L	15.7	4.7	5		06/20/20 02:24	106-46-7	
2,2-Dichloropropane	**<11.3**	ug/L	37.8	11.3	5		06/20/20 02:24	594-20-7	
2-Chlorotoluene	**<4.6**	ug/L	25.0	4.6	5		06/20/20 02:24	95-49-8	
4-Chlorotoluene	**<3.8**	ug/L	12.6	3.8	5		06/20/20 02:24	106-43-4	
Benzene	**<1.2**	ug/L	5.0	1.2	5		06/20/20 02:24	71-43-2	
Bromobenzene	**<1.2**	ug/L	5.0	1.2	5		06/20/20 02:24	108-86-1	
Bromochloromethane	**<1.8**	ug/L	25.0	1.8	5		06/20/20 02:24	74-97-5	
Bromodichloromethane	**<1.8**	ug/L	6.1	1.8	5		06/20/20 02:24	75-27-4	
Bromoform	**<19.9**	ug/L	66.2	19.9	5		06/20/20 02:24	75-25-2	
Bromomethane	**<4.9**	ug/L	25.0	4.9	5		06/20/20 02:24	74-83-9	
Carbon tetrachloride	**<5.4**	ug/L	17.9	5.4	5		06/20/20 02:24	56-23-5	
Chlorobenzene	**<3.6**	ug/L	11.8	3.6	5		06/20/20 02:24	108-90-7	
Chloroethane	**<6.7**	ug/L	25.0	6.7	5		06/20/20 02:24	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: RW-21 **Lab ID: 40209714003** Collected: 06/17/20 10:06 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Chloroform	**<6.4**	ug/L	25.0	6.4	5		06/20/20 02:24	67-66-3	
Chloromethane	**<10.9**	ug/L	36.5	10.9	5		06/20/20 02:24	74-87-3	
Dibromochloromethane	**<13.0**	ug/L	43.4	13.0	5		06/20/20 02:24	124-48-1	
Dibromomethane	**<4.7**	ug/L	15.6	4.7	5		06/20/20 02:24	74-95-3	
Dichlorodifluoromethane	**<2.5**	ug/L	25.0	2.5	5		06/20/20 02:24	75-71-8	
Diisopropyl ether	**<9.4**	ug/L	31.5	9.4	5		06/20/20 02:24	108-20-3	
Ethylbenzene	**<1.6**	ug/L	5.3	1.6	5		06/20/20 02:24	100-41-4	
Hexachloro-1,3-butadiene	**<7.3**	ug/L	24.4	7.3	5		06/20/20 02:24	87-68-3	
Isopropylbenzene (Cumene)	**<8.4**	ug/L	28.1	8.4	5		06/20/20 02:24	98-82-8	
Methyl-tert-butyl ether	**<6.2**	ug/L	20.8	6.2	5		06/20/20 02:24	1634-04-4	
Methylene Chloride	**<2.9**	ug/L	25.0	2.9	5		06/20/20 02:24	75-09-2	
Naphthalene	**<5.9**	ug/L	25.0	5.9	5		06/20/20 02:24	91-20-3	
Styrene	**<15.0**	ug/L	50.2	15.0	5		06/20/20 02:24	100-42-5	
Tetrachloroethene	**<1.6**	ug/L	5.4	1.6	5		06/20/20 02:24	127-18-4	
Toluene	**<1.3**	ug/L	4.5	1.3	5		06/20/20 02:24	108-88-3	
Trichloroethene	**269**	ug/L	5.0	1.3	5		06/20/20 02:24	79-01-6	
Trichlorofluoromethane	**<1.1**	ug/L	5.0	1.1	5		06/20/20 02:24	75-69-4	
Vinyl chloride	**5.6**	ug/L	5.0	0.87	5		06/20/20 02:24	75-01-4	
cis-1,2-Dichloroethene	**163**	ug/L	5.0	1.4	5		06/20/20 02:24	156-59-2	
cis-1,3-Dichloropropene	**<18.1**	ug/L	60.5	18.1	5		06/20/20 02:24	10061-01-5	
m&p-Xylene	**<2.3**	ug/L	10.0	2.3	5		06/20/20 02:24	179601-23-1	
n-Butylbenzene	**<3.5**	ug/L	11.8	3.5	5		06/20/20 02:24	104-51-8	
n-Propylbenzene	**<4.1**	ug/L	25.0	4.1	5		06/20/20 02:24	103-65-1	
o-Xylene	**<1.3**	ug/L	5.0	1.3	5		06/20/20 02:24	95-47-6	
p-Isopropyltoluene	**<4.0**	ug/L	13.3	4.0	5		06/20/20 02:24	99-87-6	
sec-Butylbenzene	**<4.2**	ug/L	25.0	4.2	5		06/20/20 02:24	135-98-8	
tert-Butylbenzene	**<1.5**	ug/L	5.1	1.5	5		06/20/20 02:24	98-06-6	
trans-1,2-Dichloroethene	**<2.3**	ug/L	7.7	2.3	5		06/20/20 02:24	156-60-5	
trans-1,3-Dichloropropene	**<21.9**	ug/L	72.8	21.9	5		06/20/20 02:24	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		5		06/20/20 02:24	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		5		06/20/20 02:24	1868-53-7	
Toluene-d8 (S)	97	%	70-130		5		06/20/20 02:24	2037-26-5	

Sample: OP-1 **Lab ID: 40209714004** Collected: 06/17/20 10:37 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<1.3**	ug/L	5.0	1.3	5		06/20/20 02:46	630-20-6	
1,1,1-Trichloroethane	**136**	ug/L	5.0	1.2	5		06/20/20 02:46	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.4**	ug/L	5.0	1.4	5		06/20/20 02:46	79-34-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: OP-1 **Lab ID: 40209714004** Collected: 06/17/20 10:37 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,2-Trichloroethane	**<2.8**	ug/L	25.0	2.8	5		06/20/20 02:46	79-00-5	
1,1-Dichloroethane	**23.4**	ug/L	5.0	1.4	5		06/20/20 02:46	75-34-3	
1,1-Dichloroethene	**2.8J**	ug/L	5.0	1.2	5		06/20/20 02:46	75-35-4	
1,1-Dichloropropene	**<2.7**	ug/L	9.0	2.7	5		06/20/20 02:46	563-58-6	
1,2,3-Trichlorobenzene	**<11.1**	ug/L	36.8	11.1	5		06/20/20 02:46	87-61-6	
1,2,3-Trichloropropane	**<3.0**	ug/L	25.0	3.0	5		06/20/20 02:46	96-18-4	
1,2,4-Trichlorobenzene	**<4.8**	ug/L	25.0	4.8	5		06/20/20 02:46	120-82-1	
1,2,4-Trimethylbenzene	**<4.2**	ug/L	14.0	4.2	5		06/20/20 02:46	95-63-6	
1,2-Dibromo-3-chloropropane	**<8.8**	ug/L	29.4	8.8	5		06/20/20 02:46	96-12-8	
1,2-Dibromoethane (EDB)	**<4.1**	ug/L	13.8	4.1	5		06/20/20 02:46	106-93-4	
1,2-Dichlorobenzene	**<3.5**	ug/L	11.8	3.5	5		06/20/20 02:46	95-50-1	
1,2-Dichloroethane	**<1.4**	ug/L	5.0	1.4	5		06/20/20 02:46	107-06-2	
1,2-Dichloropropane	**<1.4**	ug/L	5.0	1.4	5		06/20/20 02:46	78-87-5	
1,3,5-Trimethylbenzene	**<4.4**	ug/L	14.6	4.4	5		06/20/20 02:46	108-67-8	
1,3-Dichlorobenzene	**<3.1**	ug/L	10.5	3.1	5		06/20/20 02:46	541-73-1	
1,3-Dichloropropane	**<4.1**	ug/L	13.8	4.1	5		06/20/20 02:46	142-28-9	
1,4-Dichlorobenzene	**<4.7**	ug/L	15.7	4.7	5		06/20/20 02:46	106-46-7	
2,2-Dichloropropane	**<11.3**	ug/L	37.8	11.3	5		06/20/20 02:46	594-20-7	
2-Chlorotoluene	**<4.6**	ug/L	25.0	4.6	5		06/20/20 02:46	95-49-8	
4-Chlorotoluene	**<3.8**	ug/L	12.6	3.8	5		06/20/20 02:46	106-43-4	
Benzene	**<1.2**	ug/L	5.0	1.2	5		06/20/20 02:46	71-43-2	
Bromobenzene	**<1.2**	ug/L	5.0	1.2	5		06/20/20 02:46	108-86-1	
Bromochloromethane	**<1.8**	ug/L	25.0	1.8	5		06/20/20 02:46	74-97-5	
Bromodichloromethane	**<1.8**	ug/L	6.1	1.8	5		06/20/20 02:46	75-27-4	
Bromoform	**<19.9**	ug/L	66.2	19.9	5		06/20/20 02:46	75-25-2	
Bromomethane	**<4.9**	ug/L	25.0	4.9	5		06/20/20 02:46	74-83-9	
Carbon tetrachloride	**<5.4**	ug/L	17.9	5.4	5		06/20/20 02:46	56-23-5	
Chlorobenzene	**<3.6**	ug/L	11.8	3.6	5		06/20/20 02:46	108-90-7	
Chloroethane	**<6.7**	ug/L	25.0	6.7	5		06/20/20 02:46	75-00-3	
Chloroform	**<6.4**	ug/L	25.0	6.4	5		06/20/20 02:46	67-66-3	
Chloromethane	**<10.9**	ug/L	36.5	10.9	5		06/20/20 02:46	74-87-3	
Dibromochloromethane	**<13.0**	ug/L	43.4	13.0	5		06/20/20 02:46	124-48-1	
Dibromomethane	**<4.7**	ug/L	15.6	4.7	5		06/20/20 02:46	74-95-3	
Dichlorodifluoromethane	**<2.5**	ug/L	25.0	2.5	5		06/20/20 02:46	75-71-8	
Diisopropyl ether	**<9.4**	ug/L	31.5	9.4	5		06/20/20 02:46	108-20-3	
Ethylbenzene	**<1.6**	ug/L	5.3	1.6	5		06/20/20 02:46	100-41-4	
Hexachloro-1,3-butadiene	**<7.3**	ug/L	24.4	7.3	5		06/20/20 02:46	87-68-3	
Isopropylbenzene (Cumene)	**<8.4**	ug/L	28.1	8.4	5		06/20/20 02:46	98-82-8	
Methyl-tert-butyl ether	**<6.2**	ug/L	20.8	6.2	5		06/20/20 02:46	1634-04-4	
Methylene Chloride	**<2.9**	ug/L	25.0	2.9	5		06/20/20 02:46	75-09-2	
Naphthalene	**<5.9**	ug/L	25.0	5.9	5		06/20/20 02:46	91-20-3	
Styrene	**<15.0**	ug/L	50.2	15.0	5		06/20/20 02:46	100-42-5	
Tetrachloroethene	**<1.6**	ug/L	5.4	1.6	5		06/20/20 02:46	127-18-4	
Toluene	**<1.3**	ug/L	4.5	1.3	5		06/20/20 02:46	108-88-3	
Trichloroethene	**345**	ug/L	5.0	1.3	5		06/20/20 02:46	79-01-6	

REPORT OF LABORATORY ANALYSIS

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

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: OP-1 **Lab ID: 40209714004** Collected: 06/17/20 10:37 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Trichlorofluoromethane	**<1.1**	ug/L	5.0	1.1	5		06/20/20 02:46	75-69-4	
Vinyl chloride	**2.2J**	ug/L	5.0	0.87	5		06/20/20 02:46	75-01-4	
cis-1,2-Dichloroethene	**193**	ug/L	5.0	1.4	5		06/20/20 02:46	156-59-2	
cis-1,3-Dichloropropene	**<18.1**	ug/L	60.5	18.1	5		06/20/20 02:46	10061-01-5	
m&p-Xylene	**<2.3**	ug/L	10.0	2.3	5		06/20/20 02:46	179601-23-1	
n-Butylbenzene	**<3.5**	ug/L	11.8	3.5	5		06/20/20 02:46	104-51-8	
n-Propylbenzene	**<4.1**	ug/L	25.0	4.1	5		06/20/20 02:46	103-65-1	
o-Xylene	**<1.3**	ug/L	5.0	1.3	5		06/20/20 02:46	95-47-6	
p-Isopropyltoluene	**<4.0**	ug/L	13.3	4.0	5		06/20/20 02:46	99-87-6	
sec-Butylbenzene	**<4.2**	ug/L	25.0	4.2	5		06/20/20 02:46	135-98-8	
tert-Butylbenzene	**<1.5**	ug/L	5.1	1.5	5		06/20/20 02:46	98-06-6	
trans-1,2-Dichloroethene	**3.5J**	ug/L	7.7	2.3	5		06/20/20 02:46	156-60-5	
trans-1,3-Dichloropropene	**<21.9**	ug/L	72.8	21.9	5		06/20/20 02:46	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		5		06/20/20 02:46	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		5		06/20/20 02:46	1868-53-7	
Toluene-d8 (S)	96	%	70-130		5		06/20/20 02:46	2037-26-5	

Sample: RW-22 **Lab ID: 40209714005** Collected: 06/17/20 11:15 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<2.7**	ug/L	10.0	2.7	10		06/22/20 10:19	630-20-6	
1,1,1-Trichloroethane	**353**	ug/L	10.0	2.4	10		06/22/20 10:19	71-55-6	
1,1,2,2-Tetrachloroethane	**<2.8**	ug/L	10.0	2.8	10		06/22/20 10:19	79-34-5	
1,1,2-Trichloroethane	**<5.5**	ug/L	50.0	5.5	10		06/22/20 10:19	79-00-5	
1,1-Dichloroethane	**37.8**	ug/L	10.0	2.7	10		06/22/20 10:19	75-34-3	
1,1-Dichloroethene	**17.0**	ug/L	10.0	2.4	10		06/22/20 10:19	75-35-4	
1,1-Dichloropropene	**<5.4**	ug/L	18.0	5.4	10		06/22/20 10:19	563-58-6	
1,2,3-Trichlorobenzene	**<22.1**	ug/L	73.7	22.1	10		06/22/20 10:19	87-61-6	
1,2,3-Trichloropropane	**<5.9**	ug/L	50.0	5.9	10		06/22/20 10:19	96-18-4	
1,2,4-Trichlorobenzene	**<9.5**	ug/L	50.0	9.5	10		06/22/20 10:19	120-82-1	
1,2,4-Trimethylbenzene	**<8.4**	ug/L	28.0	8.4	10		06/22/20 10:19	95-63-6	
1,2-Dibromo-3-chloropropane	**<17.6**	ug/L	58.8	17.6	10		06/22/20 10:19	96-12-8	
1,2-Dibromoethane (EDB)	**<8.3**	ug/L	27.6	8.3	10		06/22/20 10:19	106-93-4	
1,2-Dichlorobenzene	**<7.1**	ug/L	23.5	7.1	10		06/22/20 10:19	95-50-1	
1,2-Dichloroethane	**<2.8**	ug/L	10.0	2.8	10		06/22/20 10:19	107-06-2	
1,2-Dichloropropane	**<2.8**	ug/L	10.0	2.8	10		06/22/20 10:19	78-87-5	
1,3,5-Trimethylbenzene	**<8.7**	ug/L	29.1	8.7	10		06/22/20 10:19	108-67-8	
1,3-Dichlorobenzene	**<6.3**	ug/L	20.9	6.3	10		06/22/20 10:19	541-73-1	
1,3-Dichloropropane	**<8.3**	ug/L	27.5	8.3	10		06/22/20 10:19	142-28-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: RW-22 **Lab ID: 40209714005** Collected: 06/17/20 11:15 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,4-Dichlorobenzene	**<9.4**	ug/L	31.5	9.4	10		06/22/20 10:19	106-46-7	
2,2-Dichloropropane	**<22.7**	ug/L	75.5	22.7	10		06/22/20 10:19	594-20-7	
2-Chlorotoluene	**<9.3**	ug/L	50.0	9.3	10		06/22/20 10:19	95-49-8	
4-Chlorotoluene	**<7.6**	ug/L	25.2	7.6	10		06/22/20 10:19	106-43-4	
Benzene	**<2.5**	ug/L	10.0	2.5	10		06/22/20 10:19	71-43-2	
Bromobenzene	**<2.4**	ug/L	10.0	2.4	10		06/22/20 10:19	108-86-1	
Bromochloromethane	**<3.6**	ug/L	50.0	3.6	10		06/22/20 10:19	74-97-5	
Bromodichloromethane	**<3.6**	ug/L	12.1	3.6	10		06/22/20 10:19	75-27-4	
Bromoform	**<39.7**	ug/L	132	39.7	10		06/22/20 10:19	75-25-2	
Bromomethane	**<9.7**	ug/L	50.0	9.7	10		06/22/20 10:19	74-83-9	
Carbon tetrachloride	**<10.8**	ug/L	35.9	10.8	10		06/22/20 10:19	56-23-5	
Chlorobenzene	**<7.1**	ug/L	23.7	7.1	10		06/22/20 10:19	108-90-7	
Chloroethane	**<13.4**	ug/L	50.0	13.4	10		06/22/20 10:19	75-00-3	
Chloroform	**<12.7**	ug/L	50.0	12.7	10		06/22/20 10:19	67-66-3	
Chloromethane	**<21.9**	ug/L	73.0	21.9	10		06/22/20 10:19	74-87-3	
Dibromochloromethane	**<26.0**	ug/L	86.7	26.0	10		06/22/20 10:19	124-48-1	
Dibromomethane	**<9.4**	ug/L	31.2	9.4	10		06/22/20 10:19	74-95-3	
Dichlorodifluoromethane	**<5.0**	ug/L	50.0	5.0	10		06/22/20 10:19	75-71-8	
Diisopropyl ether	**<18.9**	ug/L	62.9	18.9	10		06/22/20 10:19	108-20-3	
Ethylbenzene	**<3.2**	ug/L	10.6	3.2	10		06/22/20 10:19	100-41-4	
Hexachloro-1,3-butadiene	**<14.6**	ug/L	48.8	14.6	10		06/22/20 10:19	87-68-3	
Isopropylbenzene (Cumene)	**<16.9**	ug/L	56.2	16.9	10		06/22/20 10:19	98-82-8	
Methyl-tert-butyl ether	**<12.5**	ug/L	41.5	12.5	10		06/22/20 10:19	1634-04-4	
Methylene Chloride	**<5.8**	ug/L	50.0	5.8	10		06/22/20 10:19	75-09-2	
Naphthalene	**<11.8**	ug/L	50.0	11.8	10		06/22/20 10:19	91-20-3	
Styrene	**<30.1**	ug/L	100	30.1	10		06/22/20 10:19	100-42-5	
Tetrachloroethene	**<3.3**	ug/L	10.9	3.3	10		06/22/20 10:19	127-18-4	
Toluene	**<2.7**	ug/L	9.0	2.7	10		06/22/20 10:19	108-88-3	
Trichloroethene	**380**	ug/L	10.0	2.6	10		06/22/20 10:19	79-01-6	
Trichlorofluoromethane	**<2.1**	ug/L	10.0	2.1	10		06/22/20 10:19	75-69-4	
Vinyl chloride	**6.0J**	ug/L	10.0	1.7	10		06/22/20 10:19	75-01-4	
cis-1,2-Dichloroethene	**847**	ug/L	10.0	2.7	10		06/22/20 10:19	156-59-2	
cis-1,3-Dichloropropene	**<36.3**	ug/L	121	36.3	10		06/22/20 10:19	10061-01-5	
m&p-Xylene	**<4.7**	ug/L	20.0	4.7	10		06/22/20 10:19	179601-23-1	
n-Butylbenzene	**<7.1**	ug/L	23.6	7.1	10		06/22/20 10:19	104-51-8	
n-Propylbenzene	**<8.1**	ug/L	50.0	8.1	10		06/22/20 10:19	103-65-1	
o-Xylene	**<2.6**	ug/L	10.0	2.6	10		06/22/20 10:19	95-47-6	
p-Isopropyltoluene	**<8.0**	ug/L	26.7	8.0	10		06/22/20 10:19	99-87-6	
sec-Butylbenzene	**<8.5**	ug/L	50.0	8.5	10		06/22/20 10:19	135-98-8	
tert-Butylbenzene	**<3.0**	ug/L	10.1	3.0	10		06/22/20 10:19	98-06-6	
trans-1,2-Dichloroethene	**<4.6**	ug/L	15.5	4.6	10		06/22/20 10:19	156-60-5	
trans-1,3-Dichloropropene	**<43.7**	ug/L	146	43.7	10		06/22/20 10:19	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		10		06/22/20 10:19	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		10		06/22/20 10:19	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: RW-22 **Lab ID: 40209714005** Collected: 06/17/20 11:15 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
Toluene-d8 (S)	97	%	70-130		10		06/22/20 10:19	2037-26-5	

Sample: RW-3 **Lab ID: 40209714006** Collected: 06/17/20 12:23 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<5.4**	ug/L	20.0	5.4	20		06/22/20 11:08	630-20-6	
1,1,1-Trichloroethane	**590**	ug/L	20.0	4.9	20		06/22/20 11:08	71-55-6	
1,1,2,2-Tetrachloroethane	**<5.5**	ug/L	20.0	5.5	20		06/22/20 11:08	79-34-5	
1,1,2-Trichloroethane	**<11.0**	ug/L	100	11.0	20		06/22/20 11:08	79-00-5	
1,1-Dichloroethane	**69.0**	ug/L	20.0	5.5	20		06/22/20 11:08	75-34-3	
1,1-Dichloroethene	**34.2**	ug/L	20.0	4.9	20		06/22/20 11:08	75-35-4	
1,1-Dichloropropene	**<10.8**	ug/L	36.0	10.8	20		06/22/20 11:08	563-58-6	
1,2,3-Trichlorobenzene	**<44.2**	ug/L	147	44.2	20		06/22/20 11:08	87-61-6	
1,2,3-Trichloropropane	**<11.8**	ug/L	100	11.8	20		06/22/20 11:08	96-18-4	
1,2,4-Trichlorobenzene	**<19.0**	ug/L	100	19.0	20		06/22/20 11:08	120-82-1	
1,2,4-Trimethylbenzene	**<16.8**	ug/L	56.0	16.8	20		06/22/20 11:08	95-63-6	
1,2-Dibromo-3-chloropropane	**<35.3**	ug/L	118	35.3	20		06/22/20 11:08	96-12-8	
1,2-Dibromoethane (EDB)	**<16.6**	ug/L	55.3	16.6	20		06/22/20 11:08	106-93-4	
1,2-Dichlorobenzene	**<14.1**	ug/L	47.0	14.1	20		06/22/20 11:08	95-50-1	
1,2-Dichloroethane	**<5.6**	ug/L	20.0	5.6	20		06/22/20 11:08	107-06-2	
1,2-Dichloropropane	**<5.7**	ug/L	20.0	5.7	20		06/22/20 11:08	78-87-5	
1,3,5-Trimethylbenzene	**<17.5**	ug/L	58.2	17.5	20		06/22/20 11:08	108-67-8	
1,3-Dichlorobenzene	**<12.6**	ug/L	41.9	12.6	20		06/22/20 11:08	541-73-1	
1,3-Dichloropropane	**<16.5**	ug/L	55.1	16.5	20		06/22/20 11:08	142-28-9	
1,4-Dichlorobenzene	**<18.9**	ug/L	62.9	18.9	20		06/22/20 11:08	106-46-7	
2,2-Dichloropropane	**<45.3**	ug/L	151	45.3	20		06/22/20 11:08	594-20-7	
2-Chlorotoluene	**<18.5**	ug/L	100	18.5	20		06/22/20 11:08	95-49-8	
4-Chlorotoluene	**<15.1**	ug/L	50.4	15.1	20		06/22/20 11:08	106-43-4	
Benzene	**<4.9**	ug/L	20.0	4.9	20		06/22/20 11:08	71-43-2	
Bromobenzene	**<4.8**	ug/L	20.0	4.8	20		06/22/20 11:08	108-86-1	
Bromochloromethane	**<7.2**	ug/L	100	7.2	20		06/22/20 11:08	74-97-5	
Bromodichloromethane	**<7.3**	ug/L	24.2	7.3	20		06/22/20 11:08	75-27-4	
Bromoform	**<79.4**	ug/L	265	79.4	20		06/22/20 11:08	75-25-2	
Bromomethane	**<19.4**	ug/L	100	19.4	20		06/22/20 11:08	74-83-9	
Carbon tetrachloride	**<21.5**	ug/L	71.8	21.5	20		06/22/20 11:08	56-23-5	
Chlorobenzene	**<14.2**	ug/L	47.4	14.2	20		06/22/20 11:08	108-90-7	
Chloroethane	**<26.8**	ug/L	100	26.8	20		06/22/20 11:08	75-00-3	
Chloroform	**<25.5**	ug/L	100	25.5	20		06/22/20 11:08	67-66-3	
Chloromethane	**<43.8**	ug/L	146	43.8	20		06/22/20 11:08	74-87-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: RW-3 **Lab ID: 40209714006** Collected: 06/17/20 12:23 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Dibromochloromethane	**<52.0**	ug/L	173	52.0	20		06/22/20 11:08	124-48-1	
Dibromomethane	**<18.7**	ug/L	62.5	18.7	20		06/22/20 11:08	74-95-3	
Dichlorodifluoromethane	**<10**	ug/L	100	10	20		06/22/20 11:08	75-71-8	
Diisopropyl ether	**<37.8**	ug/L	126	37.8	20		06/22/20 11:08	108-20-3	
Ethylbenzene	**<6.4**	ug/L	21.2	6.4	20		06/22/20 11:08	100-41-4	
Hexachloro-1,3-butadiene	**<29.3**	ug/L	97.6	29.3	20		06/22/20 11:08	87-68-3	
Isopropylbenzene (Cumene)	**<33.7**	ug/L	112	33.7	20		06/22/20 11:08	98-82-8	
Methyl-tert-butyl ether	**<24.9**	ug/L	83.1	24.9	20		06/22/20 11:08	1634-04-4	
Methylene Chloride	**<11.6**	ug/L	100	11.6	20		06/22/20 11:08	75-09-2	
Naphthalene	**<23.5**	ug/L	100	23.5	20		06/22/20 11:08	91-20-3	
Styrene	**<60.2**	ug/L	201	60.2	20		06/22/20 11:08	100-42-5	
Tetrachloroethene	**<6.5**	ug/L	21.8	6.5	20		06/22/20 11:08	127-18-4	
Toluene	**<5.4**	ug/L	18.0	5.4	20		06/22/20 11:08	108-88-3	
Trichloroethene	**172**	ug/L	20.0	5.1	20		06/22/20 11:08	79-01-6	
Trichlorofluoromethane	**<4.3**	ug/L	20.0	4.3	20		06/22/20 11:08	75-69-4	
Vinyl chloride	**52.4**	ug/L	20.0	3.5	20		06/22/20 11:08	75-01-4	
cis-1,2-Dichloroethene	**1490**	ug/L	20.0	5.4	20		06/22/20 11:08	156-59-2	
cis-1,3-Dichloropropene	**<72.6**	ug/L	242	72.6	20		06/22/20 11:08	10061-01-5	
m&p-Xylene	**<9.3**	ug/L	40.0	9.3	20		06/22/20 11:08	179601-23-1	
n-Butylbenzene	**<14.2**	ug/L	47.2	14.2	20		06/22/20 11:08	104-51-8	
n-Propylbenzene	**<16.2**	ug/L	100	16.2	20		06/22/20 11:08	103-65-1	
o-Xylene	**<5.2**	ug/L	20.0	5.2	20		06/22/20 11:08	95-47-6	
p-Isopropyltoluene	**<16.0**	ug/L	53.3	16.0	20		06/22/20 11:08	99-87-6	
sec-Butylbenzene	**<17.0**	ug/L	100	17.0	20		06/22/20 11:08	135-98-8	
tert-Butylbenzene	**<6.1**	ug/L	20.3	6.1	20		06/22/20 11:08	98-06-6	
trans-1,2-Dichloroethene	**<9.3**	ug/L	30.9	9.3	20		06/22/20 11:08	156-60-5	
trans-1,3-Dichloropropene	**<87.4**	ug/L	291	87.4	20		06/22/20 11:08	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		20		06/22/20 11:08	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		20		06/22/20 11:08	1868-53-7	
Toluene-d8 (S)	96	%	70-130		20		06/22/20 11:08	2037-26-5	

Sample: OP-3 **Lab ID: 40209714007** Collected: 06/17/20 12:52 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**8.6**	ug/L	5.6	1.2	1		06/19/20 12:23	74-84-0	
Ethene	**5.7**	ug/L	5.0	1.2	1		06/19/20 12:23	74-85-1	
Methane	**375**	ug/L	14.0	3.3	5		06/19/20 13:52	74-82-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: OP-3 **Lab ID: 40209714007** Collected: 06/17/20 12:52 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Pace Analytical Services - Green Bay								
Iron, Dissolved	**652**	ug/L	100	29.6	1		06/22/20 19:08	7439-89-6	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<1.3**	ug/L	5.0	1.3	5		06/19/20 21:56	630-20-6	
1,1,1-Trichloroethane	**364**	ug/L	5.0	1.2	5		06/19/20 21:56	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.4**	ug/L	5.0	1.4	5		06/19/20 21:56	79-34-5	
1,1,2-Trichloroethane	**<2.8**	ug/L	25.0	2.8	5		06/19/20 21:56	79-00-5	
1,1-Dichloroethane	**129**	ug/L	5.0	1.4	5		06/19/20 21:56	75-34-3	
1,1-Dichloroethene	**60.6**	ug/L	5.0	1.2	5		06/19/20 21:56	75-35-4	
1,1-Dichloropropene	**<2.7**	ug/L	9.0	2.7	5		06/19/20 21:56	563-58-6	
1,2,3-Trichlorobenzene	**<11.1**	ug/L	36.8	11.1	5		06/19/20 21:56	87-61-6	
1,2,3-Trichloropropane	**<3.0**	ug/L	25.0	3.0	5		06/19/20 21:56	96-18-4	
1,2,4-Trichlorobenzene	**<4.8**	ug/L	25.0	4.8	5		06/19/20 21:56	120-82-1	
1,2,4-Trimethylbenzene	**<4.2**	ug/L	14.0	4.2	5		06/19/20 21:56	95-63-6	
1,2-Dibromo-3-chloropropane	**<8.8**	ug/L	29.4	8.8	5		06/19/20 21:56	96-12-8	
1,2-Dibromoethane (EDB)	**<4.1**	ug/L	13.8	4.1	5		06/19/20 21:56	106-93-4	
1,2-Dichlorobenzene	**<3.5**	ug/L	11.8	3.5	5		06/19/20 21:56	95-50-1	
1,2-Dichloroethane	**<1.4**	ug/L	5.0	1.4	5		06/19/20 21:56	107-06-2	
1,2-Dichloropropane	**<1.4**	ug/L	5.0	1.4	5		06/19/20 21:56	78-87-5	
1,3,5-Trimethylbenzene	**<4.4**	ug/L	14.6	4.4	5		06/19/20 21:56	108-67-8	
1,3-Dichlorobenzene	**<3.1**	ug/L	10.5	3.1	5		06/19/20 21:56	541-73-1	
1,3-Dichloropropane	**<4.1**	ug/L	13.8	4.1	5		06/19/20 21:56	142-28-9	
1,4-Dichlorobenzene	**<4.7**	ug/L	15.7	4.7	5		06/19/20 21:56	106-46-7	
2,2-Dichloropropane	**<11.3**	ug/L	37.8	11.3	5		06/19/20 21:56	594-20-7	
2-Chlorotoluene	**<4.6**	ug/L	25.0	4.6	5		06/19/20 21:56	95-49-8	
4-Chlorotoluene	**<3.8**	ug/L	12.6	3.8	5		06/19/20 21:56	106-43-4	
Benzene	**<1.2**	ug/L	5.0	1.2	5		06/19/20 21:56	71-43-2	
Bromobenzene	**<1.2**	ug/L	5.0	1.2	5		06/19/20 21:56	108-86-1	
Bromochloromethane	**<1.8**	ug/L	25.0	1.8	5		06/19/20 21:56	74-97-5	
Bromodichloromethane	**<1.8**	ug/L	6.1	1.8	5		06/19/20 21:56	75-27-4	
Bromoform	**<19.9**	ug/L	66.2	19.9	5		06/19/20 21:56	75-25-2	
Bromomethane	**<4.9**	ug/L	25.0	4.9	5		06/19/20 21:56	74-83-9	
Carbon tetrachloride	**<5.4**	ug/L	17.9	5.4	5		06/19/20 21:56	56-23-5	
Chlorobenzene	**<3.6**	ug/L	11.8	3.6	5		06/19/20 21:56	108-90-7	
Chloroethane	**10.3J**	ug/L	25.0	6.7	5		06/19/20 21:56	75-00-3	
Chloroform	**<6.4**	ug/L	25.0	6.4	5		06/19/20 21:56	67-66-3	
Chloromethane	**<10.9**	ug/L	36.5	10.9	5		06/19/20 21:56	74-87-3	
Dibromochloromethane	**<13.0**	ug/L	43.4	13.0	5		06/19/20 21:56	124-48-1	
Dibromomethane	**<4.7**	ug/L	15.6	4.7	5		06/19/20 21:56	74-95-3	
Dichlorodifluoromethane	**<2.5**	ug/L	25.0	2.5	5		06/19/20 21:56	75-71-8	
Diisopropyl ether	**<9.4**	ug/L	31.5	9.4	5		06/19/20 21:56	108-20-3	
Ethylbenzene	**<1.6**	ug/L	5.3	1.6	5		06/19/20 21:56	100-41-4	
Hexachloro-1,3-butadiene	**<7.3**	ug/L	24.4	7.3	5		06/19/20 21:56	87-68-3	
Isopropylbenzene (Cumene)	**<8.4**	ug/L	28.1	8.4	5		06/19/20 21:56	98-82-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: OP-3 **Lab ID: 40209714007** Collected: 06/17/20 12:52 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<6.2**	ug/L	20.8	6.2	5		06/19/20 21:56	1634-04-4	
Methylene Chloride	**<2.9**	ug/L	25.0	2.9	5		06/19/20 21:56	75-09-2	
Naphthalene	**<5.9**	ug/L	25.0	5.9	5		06/19/20 21:56	91-20-3	
Styrene	**<15.0**	ug/L	50.2	15.0	5		06/19/20 21:56	100-42-5	
Tetrachloroethene	**<1.6**	ug/L	5.4	1.6	5		06/19/20 21:56	127-18-4	
Toluene	**<1.3**	ug/L	4.5	1.3	5		06/19/20 21:56	108-88-3	
Trichloroethene	**593**	ug/L	5.0	1.3	5		06/19/20 21:56	79-01-6	
Trichlorofluoromethane	**<1.1**	ug/L	5.0	1.1	5		06/19/20 21:56	75-69-4	
Vinyl chloride	**47.9**	ug/L	5.0	0.87	5		06/19/20 21:56	75-01-4	
cis-1,2-Dichloroethene	**439**	ug/L	5.0	1.4	5		06/19/20 21:56	156-59-2	
cis-1,3-Dichloropropene	**<18.1**	ug/L	60.5	18.1	5		06/19/20 21:56	10061-01-5	
m&p-Xylene	**<2.3**	ug/L	10.0	2.3	5		06/19/20 21:56	179601-23-1	
n-Butylbenzene	**<3.5**	ug/L	11.8	3.5	5		06/19/20 21:56	104-51-8	
n-Propylbenzene	**<4.1**	ug/L	25.0	4.1	5		06/19/20 21:56	103-65-1	
o-Xylene	**<1.3**	ug/L	5.0	1.3	5		06/19/20 21:56	95-47-6	
p-Isopropyltoluene	**<4.0**	ug/L	13.3	4.0	5		06/19/20 21:56	99-87-6	
sec-Butylbenzene	**<4.2**	ug/L	25.0	4.2	5		06/19/20 21:56	135-98-8	
tert-Butylbenzene	**<1.5**	ug/L	5.1	1.5	5		06/19/20 21:56	98-06-6	
trans-1,2-Dichloroethene	**4.5J**	ug/L	7.7	2.3	5		06/19/20 21:56	156-60-5	
trans-1,3-Dichloropropene	**<21.9**	ug/L	72.8	21.9	5		06/19/20 21:56	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	70-130		5		06/19/20 21:56	460-00-4	
Dibromofluoromethane (S)	86	%	70-130		5		06/19/20 21:56	1868-53-7	
Toluene-d8 (S)	94	%	70-130		5		06/19/20 21:56	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Nitrate as N	**0.054J**	mg/L	0.15	0.044	1		06/18/20 13:04	14797-55-8	
Sulfate	**58.2**	mg/L	10.0	2.2	5		06/18/20 22:26	14808-79-8	M0
310.2 Alkalinity	Analytical Method: EPA 310.2								
	Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**404**	mg/L	49.6	14.9	2		06/24/20 11:58		
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**2.5**	mg/L	0.50	0.14	1		06/19/20 10:03	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: RW-24 **Lab ID: 40209714008** Collected: 06/17/20 13:28 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.67**	ug/L	2.5	0.67	2.5		06/22/20 12:48	630-20-6	
1,1,1-Trichloroethane	**286**	ug/L	2.5	0.61	2.5		06/22/20 12:48	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.69**	ug/L	2.5	0.69	2.5		06/22/20 12:48	79-34-5	
1,1,2-Trichloroethane	**<1.4**	ug/L	12.5	1.4	2.5		06/22/20 12:48	79-00-5	
1,1-Dichloroethane	**181**	ug/L	2.5	0.68	2.5		06/22/20 12:48	75-34-3	
1,1-Dichloroethene	**57.0**	ug/L	2.5	0.61	2.5		06/22/20 12:48	75-35-4	
1,1-Dichloropropene	**<1.4**	ug/L	4.5	1.4	2.5		06/22/20 12:48	563-58-6	
1,2,3-Trichlorobenzene	**<5.5**	ug/L	18.4	5.5	2.5		06/22/20 12:48	87-61-6	
1,2,3-Trichloropropane	**<1.5**	ug/L	12.5	1.5	2.5		06/22/20 12:48	96-18-4	
1,2,4-Trichlorobenzene	**<2.4**	ug/L	12.5	2.4	2.5		06/22/20 12:48	120-82-1	
1,2,4-Trimethylbenzene	**<2.1**	ug/L	7.0	2.1	2.5		06/22/20 12:48	95-63-6	
1,2-Dibromo-3-chloropropane	**<4.4**	ug/L	14.7	4.4	2.5		06/22/20 12:48	96-12-8	
1,2-Dibromoethane (EDB)	**<2.1**	ug/L	6.9	2.1	2.5		06/22/20 12:48	106-93-4	
1,2-Dichlorobenzene	**<1.8**	ug/L	5.9	1.8	2.5		06/22/20 12:48	95-50-1	
1,2-Dichloroethane	**1.5J**	ug/L	2.5	0.70	2.5		06/22/20 12:48	107-06-2	
1,2-Dichloropropane	**<0.71**	ug/L	2.5	0.71	2.5		06/22/20 12:48	78-87-5	
1,3,5-Trimethylbenzene	**<2.2**	ug/L	7.3	2.2	2.5		06/22/20 12:48	108-67-8	
1,3-Dichlorobenzene	**<1.6**	ug/L	5.2	1.6	2.5		06/22/20 12:48	541-73-1	
1,3-Dichloropropane	**<2.1**	ug/L	6.9	2.1	2.5		06/22/20 12:48	142-28-9	
1,4-Dichlorobenzene	**<2.4**	ug/L	7.9	2.4	2.5		06/22/20 12:48	106-46-7	
2,2-Dichloropropane	**<5.7**	ug/L	18.9	5.7	2.5		06/22/20 12:48	594-20-7	
2-Chlorotoluene	**<2.3**	ug/L	12.5	2.3	2.5		06/22/20 12:48	95-49-8	
4-Chlorotoluene	**<1.9**	ug/L	6.3	1.9	2.5		06/22/20 12:48	106-43-4	
Benzene	**<0.62**	ug/L	2.5	0.62	2.5		06/22/20 12:48	71-43-2	
Bromobenzene	**<0.60**	ug/L	2.5	0.60	2.5		06/22/20 12:48	108-86-1	
Bromochloromethane	**<0.91**	ug/L	12.5	0.91	2.5		06/22/20 12:48	74-97-5	
Bromodichloromethane	**<0.91**	ug/L	3.0	0.91	2.5		06/22/20 12:48	75-27-4	
Bromoform	**<9.9**	ug/L	33.1	9.9	2.5		06/22/20 12:48	75-25-2	
Bromomethane	**<2.4**	ug/L	12.5	2.4	2.5		06/22/20 12:48	74-83-9	
Carbon tetrachloride	**<2.7**	ug/L	9.0	2.7	2.5		06/22/20 12:48	56-23-5	
Chlorobenzene	**<1.8**	ug/L	5.9	1.8	2.5		06/22/20 12:48	108-90-7	
Chloroethane	**17.2**	ug/L	12.5	3.4	2.5		06/22/20 12:48	75-00-3	
Chloroform	**<3.2**	ug/L	12.5	3.2	2.5		06/22/20 12:48	67-66-3	
Chloromethane	**<5.5**	ug/L	18.2	5.5	2.5		06/22/20 12:48	74-87-3	
Dibromochloromethane	**<6.5**	ug/L	21.7	6.5	2.5		06/22/20 12:48	124-48-1	
Dibromomethane	**<2.3**	ug/L	7.8	2.3	2.5		06/22/20 12:48	74-95-3	
Dichlorodifluoromethane	**<1.2**	ug/L	12.5	1.2	2.5		06/22/20 12:48	75-71-8	
Diisopropyl ether	**<4.7**	ug/L	15.7	4.7	2.5		06/22/20 12:48	108-20-3	
Ethylbenzene	**<0.80**	ug/L	2.7	0.80	2.5		06/22/20 12:48	100-41-4	
Hexachloro-1,3-butadiene	**<3.7**	ug/L	12.2	3.7	2.5		06/22/20 12:48	87-68-3	
Isopropylbenzene (Cumene)	**<4.2**	ug/L	14.0	4.2	2.5		06/22/20 12:48	98-82-8	
Methyl-tert-butyl ether	**<3.1**	ug/L	10.4	3.1	2.5		06/22/20 12:48	1634-04-4	
Methylene Chloride	**<1.5**	ug/L	12.5	1.5	2.5		06/22/20 12:48	75-09-2	
Naphthalene	**<2.9**	ug/L	12.5	2.9	2.5		06/22/20 12:48	91-20-3	
Styrene	**<7.5**	ug/L	25.1	7.5	2.5		06/22/20 12:48	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: RW-24 **Lab ID: 40209714008** Collected: 06/17/20 13:28 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Tetrachloroethene	**0.96J**	ug/L	2.7	0.82	2.5		06/22/20 12:48	127-18-4	
Toluene	**<0.67**	ug/L	2.2	0.67	2.5		06/22/20 12:48	108-88-3	
Trichloroethene	**127**	ug/L	2.5	0.64	2.5		06/22/20 12:48	79-01-6	
Trichlorofluoromethane	**<0.54**	ug/L	2.5	0.54	2.5		06/22/20 12:48	75-69-4	
Vinyl chloride	**98.6**	ug/L	2.5	0.44	2.5		06/22/20 12:48	75-01-4	
cis-1,2-Dichloroethene	**250**	ug/L	2.5	0.68	2.5		06/22/20 12:48	156-59-2	
cis-1,3-Dichloropropene	**<9.1**	ug/L	30.2	9.1	2.5		06/22/20 12:48	10061-01-5	
m&p-Xylene	**<1.2**	ug/L	5.0	1.2	2.5		06/22/20 12:48	179601-23-1	
n-Butylbenzene	**<1.8**	ug/L	5.9	1.8	2.5		06/22/20 12:48	104-51-8	
n-Propylbenzene	**<2.0**	ug/L	12.5	2.0	2.5		06/22/20 12:48	103-65-1	
o-Xylene	**<0.65**	ug/L	2.5	0.65	2.5		06/22/20 12:48	95-47-6	
p-Isopropyltoluene	**<2.0**	ug/L	6.7	2.0	2.5		06/22/20 12:48	99-87-6	
sec-Butylbenzene	**<2.1**	ug/L	12.5	2.1	2.5		06/22/20 12:48	135-98-8	
tert-Butylbenzene	**<0.76**	ug/L	2.5	0.76	2.5		06/22/20 12:48	98-06-6	
trans-1,2-Dichloroethene	**4.0**	ug/L	3.9	1.2	2.5		06/22/20 12:48	156-60-5	
trans-1,3-Dichloropropene	**<10.9**	ug/L	36.4	10.9	2.5		06/22/20 12:48	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	70-130		2.5		06/22/20 12:48	460-00-4	
Dibromofluoromethane (S)	71	%	70-130		2.5		06/22/20 12:48	1868-53-7	
Toluene-d8 (S)	93	%	70-130		2.5		06/22/20 12:48	2037-26-5	

Sample: RW-16 **Lab ID: 40209714009** Collected: 06/17/20 08:49 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<1.3**	ug/L	5.0	1.3	5		06/22/20 17:55	630-20-6	
1,1,1-Trichloroethane	**14.3**	ug/L	5.0	1.2	5		06/22/20 17:55	71-55-6	M1
1,1,2,2-Tetrachloroethane	**<1.4**	ug/L	5.0	1.4	5		06/22/20 17:55	79-34-5	
1,1,2-Trichloroethane	**<2.8**	ug/L	25.0	2.8	5		06/22/20 17:55	79-00-5	
1,1-Dichloroethane	**3.1J**	ug/L	5.0	1.4	5		06/22/20 17:55	75-34-3	
1,1-Dichloroethene	**<1.2**	ug/L	5.0	1.2	5		06/22/20 17:55	75-35-4	
1,1-Dichloropropene	**<2.7**	ug/L	9.0	2.7	5		06/22/20 17:55	563-58-6	
1,2,3-Trichlorobenzene	**<11.1**	ug/L	36.8	11.1	5		06/22/20 17:55	87-61-6	
1,2,3-Trichloropropane	**<3.0**	ug/L	25.0	3.0	5		06/22/20 17:55	96-18-4	
1,2,4-Trichlorobenzene	**<4.8**	ug/L	25.0	4.8	5		06/22/20 17:55	120-82-1	
1,2,4-Trimethylbenzene	**<4.2**	ug/L	14.0	4.2	5		06/22/20 17:55	95-63-6	
1,2-Dibromo-3-chloropropane	**<8.8**	ug/L	29.4	8.8	5		06/22/20 17:55	96-12-8	
1,2-Dibromoethane (EDB)	**<4.1**	ug/L	13.8	4.1	5		06/22/20 17:55	106-93-4	
1,2-Dichlorobenzene	**<3.5**	ug/L	11.8	3.5	5		06/22/20 17:55	95-50-1	
1,2-Dichloroethane	**<1.4**	ug/L	5.0	1.4	5		06/22/20 17:55	107-06-2	
1,2-Dichloropropane	**<1.4**	ug/L	5.0	1.4	5		06/22/20 17:55	78-87-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: RW-16 **Lab ID: 40209714009** Collected: 06/17/20 08:49 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,3,5-Trimethylbenzene	**<4.4**	ug/L	14.6	4.4	5		06/22/20 17:55	108-67-8	
1,3-Dichlorobenzene	**<3.1**	ug/L	10.5	3.1	5		06/22/20 17:55	541-73-1	
1,3-Dichloropropane	**<4.1**	ug/L	13.8	4.1	5		06/22/20 17:55	142-28-9	
1,4-Dichlorobenzene	**<4.7**	ug/L	15.7	4.7	5		06/22/20 17:55	106-46-7	
2,2-Dichloropropane	**<11.3**	ug/L	37.8	11.3	5		06/22/20 17:55	594-20-7	
2-Chlorotoluene	**<4.6**	ug/L	25.0	4.6	5		06/22/20 17:55	95-49-8	
4-Chlorotoluene	**<3.8**	ug/L	12.6	3.8	5		06/22/20 17:55	106-43-4	
Benzene	**<1.2**	ug/L	5.0	1.2	5		06/22/20 17:55	71-43-2	
Bromobenzene	**<1.2**	ug/L	5.0	1.2	5		06/22/20 17:55	108-86-1	
Bromochloromethane	**<1.8**	ug/L	25.0	1.8	5		06/22/20 17:55	74-97-5	
Bromodichloromethane	**<1.8**	ug/L	6.1	1.8	5		06/22/20 17:55	75-27-4	
Bromoform	**<19.9**	ug/L	66.2	19.9	5		06/22/20 17:55	75-25-2	
Bromomethane	**<4.9**	ug/L	25.0	4.9	5		06/22/20 17:55	74-83-9	
Carbon tetrachloride	**<5.4**	ug/L	17.9	5.4	5		06/22/20 17:55	56-23-5	
Chlorobenzene	**<3.6**	ug/L	11.8	3.6	5		06/22/20 17:55	108-90-7	
Chloroethane	**<6.7**	ug/L	25.0	6.7	5		06/22/20 17:55	75-00-3	
Chloroform	**<6.4**	ug/L	25.0	6.4	5		06/22/20 17:55	67-66-3	
Chloromethane	**<10.9**	ug/L	36.5	10.9	5		06/22/20 17:55	74-87-3	
Dibromochloromethane	**<13.0**	ug/L	43.4	13.0	5		06/22/20 17:55	124-48-1	
Dibromomethane	**<4.7**	ug/L	15.6	4.7	5		06/22/20 17:55	74-95-3	
Dichlorodifluoromethane	**<2.5**	ug/L	25.0	2.5	5		06/22/20 17:55	75-71-8	
Diisopropyl ether	**<9.4**	ug/L	31.5	9.4	5		06/22/20 17:55	108-20-3	
Ethylbenzene	**<1.6**	ug/L	5.3	1.6	5		06/22/20 17:55	100-41-4	
Hexachloro-1,3-butadiene	**<7.3**	ug/L	24.4	7.3	5		06/22/20 17:55	87-68-3	
Isopropylbenzene (Cumene)	**<8.4**	ug/L	28.1	8.4	5		06/22/20 17:55	98-82-8	
Methyl-tert-butyl ether	**<6.2**	ug/L	20.8	6.2	5		06/22/20 17:55	1634-04-4	
Methylene Chloride	**<2.9**	ug/L	25.0	2.9	5		06/22/20 17:55	75-09-2	
Naphthalene	**<5.9**	ug/L	25.0	5.9	5		06/22/20 17:55	91-20-3	
Styrene	**<15.0**	ug/L	50.2	15.0	5		06/22/20 17:55	100-42-5	
Tetrachloroethene	**<1.6**	ug/L	5.4	1.6	5		06/22/20 17:55	127-18-4	
Toluene	**<1.3**	ug/L	4.5	1.3	5		06/22/20 17:55	108-88-3	
Trichloroethene	**14.6**	ug/L	5.0	1.3	5		06/22/20 17:55	79-01-6	M1
Trichlorofluoromethane	**<1.1**	ug/L	5.0	1.1	5		06/22/20 17:55	75-69-4	
Vinyl chloride	**<0.87**	ug/L	5.0	0.87	5		06/22/20 17:55	75-01-4	
cis-1,2-Dichloroethene	**229**	ug/L	5.0	1.4	5		06/22/20 17:55	156-59-2	M1
cis-1,3-Dichloropropene	**<18.1**	ug/L	60.5	18.1	5		06/22/20 17:55	10061-01-5	
m&p-Xylene	**<2.3**	ug/L	10.0	2.3	5		06/22/20 17:55	179601-23-1	
n-Butylbenzene	**<3.5**	ug/L	11.8	3.5	5		06/22/20 17:55	104-51-8	
n-Propylbenzene	**<4.1**	ug/L	25.0	4.1	5		06/22/20 17:55	103-65-1	
o-Xylene	**<1.3**	ug/L	5.0	1.3	5		06/22/20 17:55	95-47-6	
p-Isopropyltoluene	**<4.0**	ug/L	13.3	4.0	5		06/22/20 17:55	99-87-6	
sec-Butylbenzene	**<4.2**	ug/L	25.0	4.2	5		06/22/20 17:55	135-98-8	
tert-Butylbenzene	**<1.5**	ug/L	5.1	1.5	5		06/22/20 17:55	98-06-6	
trans-1,2-Dichloroethene	**<2.3**	ug/L	7.7	2.3	5		06/22/20 17:55	156-60-5	
trans-1,3-Dichloropropene	**<21.9**	ug/L	72.8	21.9	5		06/22/20 17:55	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: RW-16 **Lab ID: 40209714009** Collected: 06/17/20 08:49 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130		5		06/22/20 17:55	460-00-4	HS
Dibromofluoromethane (S)	85	%	70-130		5		06/22/20 17:55	1868-53-7	
Toluene-d8 (S)	94	%	70-130		5		06/22/20 17:55	2037-26-5	

Sample: RW-17 **Lab ID: 40209714010** Collected: 06/17/20 09:18 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<2.7**	ug/L	10.0	2.7	10		06/19/20 22:40	630-20-6	
1,1,1-Trichloroethane	**16.1**	ug/L	10.0	2.4	10		06/19/20 22:40	71-55-6	
1,1,2,2-Tetrachloroethane	**<2.8**	ug/L	10.0	2.8	10		06/19/20 22:40	79-34-5	
1,1,2-Trichloroethane	**<5.5**	ug/L	50.0	5.5	10		06/19/20 22:40	79-00-5	
1,1-Dichloroethane	**4.3J**	ug/L	10.0	2.7	10		06/19/20 22:40	75-34-3	
1,1-Dichloroethene	**<2.4**	ug/L	10.0	2.4	10		06/19/20 22:40	75-35-4	
1,1-Dichloropropene	**<5.4**	ug/L	18.0	5.4	10		06/19/20 22:40	563-58-6	
1,2,3-Trichlorobenzene	**<22.1**	ug/L	73.7	22.1	10		06/19/20 22:40	87-61-6	
1,2,3-Trichloropropane	**<5.9**	ug/L	50.0	5.9	10		06/19/20 22:40	96-18-4	
1,2,4-Trichlorobenzene	**<9.5**	ug/L	50.0	9.5	10		06/19/20 22:40	120-82-1	
1,2,4-Trimethylbenzene	**<8.4**	ug/L	28.0	8.4	10		06/19/20 22:40	95-63-6	
1,2-Dibromo-3-chloropropane	**<17.6**	ug/L	58.8	17.6	10		06/19/20 22:40	96-12-8	
1,2-Dibromoethane (EDB)	**<8.3**	ug/L	27.6	8.3	10		06/19/20 22:40	106-93-4	
1,2-Dichlorobenzene	**<7.1**	ug/L	23.5	7.1	10		06/19/20 22:40	95-50-1	
1,2-Dichloroethane	**<2.8**	ug/L	10.0	2.8	10		06/19/20 22:40	107-06-2	
1,2-Dichloropropane	**<2.8**	ug/L	10.0	2.8	10		06/19/20 22:40	78-87-5	
1,3,5-Trimethylbenzene	**<8.7**	ug/L	29.1	8.7	10		06/19/20 22:40	108-67-8	
1,3-Dichlorobenzene	**<6.3**	ug/L	20.9	6.3	10		06/19/20 22:40	541-73-1	
1,3-Dichloropropane	**<8.3**	ug/L	27.5	8.3	10		06/19/20 22:40	142-28-9	
1,4-Dichlorobenzene	**<9.4**	ug/L	31.5	9.4	10		06/19/20 22:40	106-46-7	
2,2-Dichloropropane	**<22.7**	ug/L	75.5	22.7	10		06/19/20 22:40	594-20-7	
2-Chlorotoluene	**<9.3**	ug/L	50.0	9.3	10		06/19/20 22:40	95-49-8	
4-Chlorotoluene	**<7.6**	ug/L	25.2	7.6	10		06/19/20 22:40	106-43-4	
Benzene	**<2.5**	ug/L	10.0	2.5	10		06/19/20 22:40	71-43-2	
Bromobenzene	**<2.4**	ug/L	10.0	2.4	10		06/19/20 22:40	108-86-1	
Bromochloromethane	**<3.6**	ug/L	50.0	3.6	10		06/19/20 22:40	74-97-5	
Bromodichloromethane	**<3.6**	ug/L	12.1	3.6	10		06/19/20 22:40	75-27-4	
Bromoform	**<39.7**	ug/L	132	39.7	10		06/19/20 22:40	75-25-2	
Bromomethane	**<9.7**	ug/L	50.0	9.7	10		06/19/20 22:40	74-83-9	
Carbon tetrachloride	**<10.8**	ug/L	35.9	10.8	10		06/19/20 22:40	56-23-5	
Chlorobenzene	**<7.1**	ug/L	23.7	7.1	10		06/19/20 22:40	108-90-7	
Chloroethane	**<13.4**	ug/L	50.0	13.4	10		06/19/20 22:40	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: RW-17 **Lab ID: 40209714010** Collected: 06/17/20 09:18 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Chloroform	**<12.7**	ug/L	50.0	12.7	10		06/19/20 22:40	67-66-3	
Chloromethane	**<21.9**	ug/L	73.0	21.9	10		06/19/20 22:40	74-87-3	
Dibromochloromethane	**<26.0**	ug/L	86.7	26.0	10		06/19/20 22:40	124-48-1	
Dibromomethane	**<9.4**	ug/L	31.2	9.4	10		06/19/20 22:40	74-95-3	
Dichlorodifluoromethane	**<5.0**	ug/L	50.0	5.0	10		06/19/20 22:40	75-71-8	
Diisopropyl ether	**<18.9**	ug/L	62.9	18.9	10		06/19/20 22:40	108-20-3	
Ethylbenzene	**<3.2**	ug/L	10.6	3.2	10		06/19/20 22:40	100-41-4	
Hexachloro-1,3-butadiene	**<14.6**	ug/L	48.8	14.6	10		06/19/20 22:40	87-68-3	
Isopropylbenzene (Cumene)	**<16.9**	ug/L	56.2	16.9	10		06/19/20 22:40	98-82-8	
Methyl-tert-butyl ether	**<12.5**	ug/L	41.5	12.5	10		06/19/20 22:40	1634-04-4	
Methylene Chloride	**<5.8**	ug/L	50.0	5.8	10		06/19/20 22:40	75-09-2	
Naphthalene	**<11.8**	ug/L	50.0	11.8	10		06/19/20 22:40	91-20-3	
Styrene	**<30.1**	ug/L	100	30.1	10		06/19/20 22:40	100-42-5	
Tetrachloroethene	**12.7**	ug/L	10.9	3.3	10		06/19/20 22:40	127-18-4	
Toluene	**<2.7**	ug/L	9.0	2.7	10		06/19/20 22:40	108-88-3	
Trichloroethene	**1060**	ug/L	10.0	2.6	10		06/19/20 22:40	79-01-6	
Trichlorofluoromethane	**<2.1**	ug/L	10.0	2.1	10		06/19/20 22:40	75-69-4	
Vinyl chloride	**<1.7**	ug/L	10.0	1.7	10		06/19/20 22:40	75-01-4	
cis-1,2-Dichloroethene	**527**	ug/L	10.0	2.7	10		06/19/20 22:40	156-59-2	
cis-1,3-Dichloropropene	**<36.3**	ug/L	121	36.3	10		06/19/20 22:40	10061-01-5	
m&p-Xylene	**<4.7**	ug/L	20.0	4.7	10		06/19/20 22:40	179601-23-1	
n-Butylbenzene	**<7.1**	ug/L	23.6	7.1	10		06/19/20 22:40	104-51-8	
n-Propylbenzene	**<8.1**	ug/L	50.0	8.1	10		06/19/20 22:40	103-65-1	
o-Xylene	**<2.6**	ug/L	10.0	2.6	10		06/19/20 22:40	95-47-6	
p-Isopropyltoluene	**<8.0**	ug/L	26.7	8.0	10		06/19/20 22:40	99-87-6	
sec-Butylbenzene	**<8.5**	ug/L	50.0	8.5	10		06/19/20 22:40	135-98-8	
tert-Butylbenzene	**<3.0**	ug/L	10.1	3.0	10		06/19/20 22:40	98-06-6	
trans-1,2-Dichloroethene	**<4.6**	ug/L	15.5	4.6	10		06/19/20 22:40	156-60-5	
trans-1,3-Dichloropropene	**<43.7**	ug/L	146	43.7	10		06/19/20 22:40	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	82	%	70-130		10		06/19/20 22:40	460-00-4	
Dibromofluoromethane (S)	84	%	70-130		10		06/19/20 22:40	1868-53-7	
Toluene-d8 (S)	94	%	70-130		10		06/19/20 22:40	2037-26-5	

Sample: RW-20 **Lab ID: 40209714011** Collected: 06/17/20 09:54 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<2.7**	ug/L	10.0	2.7	10		06/19/20 23:02	630-20-6	
1,1,1-Trichloroethane	**29.6**	ug/L	10.0	2.4	10		06/19/20 23:02	71-55-6	
1,1,2,2-Tetrachloroethane	**<2.8**	ug/L	10.0	2.8	10		06/19/20 23:02	79-34-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: RW-20 **Lab ID: 40209714011** Collected: 06/17/20 09:54 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,2-Trichloroethane	**<5.5**	ug/L	50.0	5.5	10		06/19/20 23:02	79-00-5	
1,1-Dichloroethane	**<2.7**	ug/L	10.0	2.7	10		06/19/20 23:02	75-34-3	
1,1-Dichloroethene	**2.9J**	ug/L	10.0	2.4	10		06/19/20 23:02	75-35-4	
1,1-Dichloropropene	**<5.4**	ug/L	18.0	5.4	10		06/19/20 23:02	563-58-6	
1,2,3-Trichlorobenzene	**<22.1**	ug/L	73.7	22.1	10		06/19/20 23:02	87-61-6	
1,2,3-Trichloropropane	**<5.9**	ug/L	50.0	5.9	10		06/19/20 23:02	96-18-4	
1,2,4-Trichlorobenzene	**<9.5**	ug/L	50.0	9.5	10		06/19/20 23:02	120-82-1	
1,2,4-Trimethylbenzene	**<8.4**	ug/L	28.0	8.4	10		06/19/20 23:02	95-63-6	
1,2-Dibromo-3-chloropropane	**<17.6**	ug/L	58.8	17.6	10		06/19/20 23:02	96-12-8	
1,2-Dibromoethane (EDB)	**<8.3**	ug/L	27.6	8.3	10		06/19/20 23:02	106-93-4	
1,2-Dichlorobenzene	**<7.1**	ug/L	23.5	7.1	10		06/19/20 23:02	95-50-1	
1,2-Dichloroethane	**<2.8**	ug/L	10.0	2.8	10		06/19/20 23:02	107-06-2	
1,2-Dichloropropane	**<2.8**	ug/L	10.0	2.8	10		06/19/20 23:02	78-87-5	
1,3,5-Trimethylbenzene	**<8.7**	ug/L	29.1	8.7	10		06/19/20 23:02	108-67-8	
1,3-Dichlorobenzene	**<6.3**	ug/L	20.9	6.3	10		06/19/20 23:02	541-73-1	
1,3-Dichloropropane	**<8.3**	ug/L	27.5	8.3	10		06/19/20 23:02	142-28-9	
1,4-Dichlorobenzene	**<9.4**	ug/L	31.5	9.4	10		06/19/20 23:02	106-46-7	
2,2-Dichloropropane	**<22.7**	ug/L	75.5	22.7	10		06/19/20 23:02	594-20-7	
2-Chlorotoluene	**<9.3**	ug/L	50.0	9.3	10		06/19/20 23:02	95-49-8	
4-Chlorotoluene	**<7.6**	ug/L	25.2	7.6	10		06/19/20 23:02	106-43-4	
Benzene	**<2.5**	ug/L	10.0	2.5	10		06/19/20 23:02	71-43-2	
Bromobenzene	**<2.4**	ug/L	10.0	2.4	10		06/19/20 23:02	108-86-1	
Bromochloromethane	**<3.6**	ug/L	50.0	3.6	10		06/19/20 23:02	74-97-5	
Bromodichloromethane	**<3.6**	ug/L	12.1	3.6	10		06/19/20 23:02	75-27-4	
Bromoform	**<39.7**	ug/L	132	39.7	10		06/19/20 23:02	75-25-2	
Bromomethane	**<9.7**	ug/L	50.0	9.7	10		06/19/20 23:02	74-83-9	
Carbon tetrachloride	**<10.8**	ug/L	35.9	10.8	10		06/19/20 23:02	56-23-5	
Chlorobenzene	**<7.1**	ug/L	23.7	7.1	10		06/19/20 23:02	108-90-7	
Chloroethane	**<13.4**	ug/L	50.0	13.4	10		06/19/20 23:02	75-00-3	
Chloroform	**<12.7**	ug/L	50.0	12.7	10		06/19/20 23:02	67-66-3	
Chloromethane	**<21.9**	ug/L	73.0	21.9	10		06/19/20 23:02	74-87-3	
Dibromochloromethane	**<26.0**	ug/L	86.7	26.0	10		06/19/20 23:02	124-48-1	
Dibromomethane	**<9.4**	ug/L	31.2	9.4	10		06/19/20 23:02	74-95-3	
Dichlorodifluoromethane	**<5.0**	ug/L	50.0	5.0	10		06/19/20 23:02	75-71-8	
Diisopropyl ether	**<18.9**	ug/L	62.9	18.9	10		06/19/20 23:02	108-20-3	
Ethylbenzene	**<3.2**	ug/L	10.6	3.2	10		06/19/20 23:02	100-41-4	
Hexachloro-1,3-butadiene	**<14.6**	ug/L	48.8	14.6	10		06/19/20 23:02	87-68-3	
Isopropylbenzene (Cumene)	**<16.9**	ug/L	56.2	16.9	10		06/19/20 23:02	98-82-8	
Methyl-tert-butyl ether	**<12.5**	ug/L	41.5	12.5	10		06/19/20 23:02	1634-04-4	
Methylene Chloride	**<5.8**	ug/L	50.0	5.8	10		06/19/20 23:02	75-09-2	
Naphthalene	**<11.8**	ug/L	50.0	11.8	10		06/19/20 23:02	91-20-3	
Styrene	**<30.1**	ug/L	100	30.1	10		06/19/20 23:02	100-42-5	
Tetrachloroethene	**<3.3**	ug/L	10.9	3.3	10		06/19/20 23:02	127-18-4	
Toluene	**<2.7**	ug/L	9.0	2.7	10		06/19/20 23:02	108-88-3	
Trichloroethene	**931**	ug/L	10.0	2.6	10		06/19/20 23:02	79-01-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: RW-20 **Lab ID: 40209714011** Collected: 06/17/20 09:54 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Trichlorofluoromethane	**<2.1**	ug/L	10.0	2.1	10		06/19/20 23:02	75-69-4	
Vinyl chloride	**3.1J**	ug/L	10.0	1.7	10		06/19/20 23:02	75-01-4	
cis-1,2-Dichloroethene	**253**	ug/L	10.0	2.7	10		06/19/20 23:02	156-59-2	
cis-1,3-Dichloropropene	**<36.3**	ug/L	121	36.3	10		06/19/20 23:02	10061-01-5	
m&p-Xylene	**<4.7**	ug/L	20.0	4.7	10		06/19/20 23:02	179601-23-1	
n-Butylbenzene	**<7.1**	ug/L	23.6	7.1	10		06/19/20 23:02	104-51-8	
n-Propylbenzene	**<8.1**	ug/L	50.0	8.1	10		06/19/20 23:02	103-65-1	
o-Xylene	**<2.6**	ug/L	10.0	2.6	10		06/19/20 23:02	95-47-6	
p-Isopropyltoluene	**<8.0**	ug/L	26.7	8.0	10		06/19/20 23:02	99-87-6	
sec-Butylbenzene	**<8.5**	ug/L	50.0	8.5	10		06/19/20 23:02	135-98-8	
tert-Butylbenzene	**<3.0**	ug/L	10.1	3.0	10		06/19/20 23:02	98-06-6	
trans-1,2-Dichloroethene	**5.2J**	ug/L	15.5	4.6	10		06/19/20 23:02	156-60-5	
trans-1,3-Dichloropropene	**<43.7**	ug/L	146	43.7	10		06/19/20 23:02	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	83	%	70-130		10		06/19/20 23:02	460-00-4	
Dibromofluoromethane (S)	72	%	70-130		10		06/19/20 23:02	1868-53-7	
Toluene-d8 (S)	92	%	70-130		10		06/19/20 23:02	2037-26-5	

Sample: RW-01 **Lab ID: 40209714012** Collected: 06/17/20 10:27 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/22/20 12:04	630-20-6	
1,1,1-Trichloroethane	**66.4**	ug/L	1.0	0.24	1		06/22/20 12:04	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/22/20 12:04	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/22/20 12:04	79-00-5	
1,1-Dichloroethane	**3.0**	ug/L	1.0	0.27	1		06/22/20 12:04	75-34-3	
1,1-Dichloroethene	**0.89J**	ug/L	1.0	0.24	1		06/22/20 12:04	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/22/20 12:04	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/22/20 12:04	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/22/20 12:04	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/22/20 12:04	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/22/20 12:04	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/22/20 12:04	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/22/20 12:04	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/22/20 12:04	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/22/20 12:04	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/22/20 12:04	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/22/20 12:04	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/22/20 12:04	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/22/20 12:04	142-28-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: RW-01 **Lab ID: 40209714012** Collected: 06/17/20 10:27 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/22/20 12:04	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/22/20 12:04	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/22/20 12:04	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/22/20 12:04	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/22/20 12:04	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/22/20 12:04	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/22/20 12:04	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/22/20 12:04	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/22/20 12:04	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/22/20 12:04	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/22/20 12:04	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/22/20 12:04	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/22/20 12:04	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/22/20 12:04	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/22/20 12:04	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/22/20 12:04	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/22/20 12:04	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/22/20 12:04	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/22/20 12:04	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/22/20 12:04	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/22/20 12:04	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/22/20 12:04	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/22/20 12:04	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/22/20 12:04	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/22/20 12:04	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/22/20 12:04	100-42-5	
Tetrachloroethene	**0.75J**	ug/L	1.1	0.33	1		06/22/20 12:04	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/22/20 12:04	108-88-3	
Trichloroethene	**19.2**	ug/L	1.0	0.26	1		06/22/20 12:04	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/22/20 12:04	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/22/20 12:04	75-01-4	
cis-1,2-Dichloroethene	**4.9**	ug/L	1.0	0.27	1		06/22/20 12:04	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/22/20 12:04	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/22/20 12:04	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/22/20 12:04	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/22/20 12:04	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/22/20 12:04	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/22/20 12:04	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/22/20 12:04	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/22/20 12:04	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/22/20 12:04	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/22/20 12:04	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	70-130		1		06/22/20 12:04	460-00-4	
Dibromofluoromethane (S)	83	%	70-130		1		06/22/20 12:04	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: RW-01 **Lab ID: 40209714012** Collected: 06/17/20 10:27 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
Toluene-d8 (S)	96	%	70-130		1		06/22/20 12:04	2037-26-5	

Sample: RW-2 **Lab ID: 40209714013** Collected: 06/17/20 11:08 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<1.3**	ug/L	5.0	1.3	5		06/19/20 23:45	630-20-6	
1,1,1-Trichloroethane	**263**	ug/L	5.0	1.2	5		06/19/20 23:45	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.4**	ug/L	5.0	1.4	5		06/19/20 23:45	79-34-5	
1,1,2-Trichloroethane	**<2.8**	ug/L	25.0	2.8	5		06/19/20 23:45	79-00-5	
1,1-Dichloroethane	**32.7**	ug/L	5.0	1.4	5		06/19/20 23:45	75-34-3	
1,1-Dichloroethene	**13.6**	ug/L	5.0	1.2	5		06/19/20 23:45	75-35-4	
1,1-Dichloropropene	**<2.7**	ug/L	9.0	2.7	5		06/19/20 23:45	563-58-6	
1,2,3-Trichlorobenzene	**<11.1**	ug/L	36.8	11.1	5		06/19/20 23:45	87-61-6	
1,2,3-Trichloropropane	**<3.0**	ug/L	25.0	3.0	5		06/19/20 23:45	96-18-4	
1,2,4-Trichlorobenzene	**<4.8**	ug/L	25.0	4.8	5		06/19/20 23:45	120-82-1	
1,2,4-Trimethylbenzene	**<4.2**	ug/L	14.0	4.2	5		06/19/20 23:45	95-63-6	
1,2-Dibromo-3-chloropropane	**<8.8**	ug/L	29.4	8.8	5		06/19/20 23:45	96-12-8	
1,2-Dibromoethane (EDB)	**<4.1**	ug/L	13.8	4.1	5		06/19/20 23:45	106-93-4	
1,2-Dichlorobenzene	**<3.5**	ug/L	11.8	3.5	5		06/19/20 23:45	95-50-1	
1,2-Dichloroethane	**<1.4**	ug/L	5.0	1.4	5		06/19/20 23:45	107-06-2	
1,2-Dichloropropane	**<1.4**	ug/L	5.0	1.4	5		06/19/20 23:45	78-87-5	
1,3,5-Trimethylbenzene	**<4.4**	ug/L	14.6	4.4	5		06/19/20 23:45	108-67-8	
1,3-Dichlorobenzene	**<3.1**	ug/L	10.5	3.1	5		06/19/20 23:45	541-73-1	
1,3-Dichloropropane	**<4.1**	ug/L	13.8	4.1	5		06/19/20 23:45	142-28-9	
1,4-Dichlorobenzene	**<4.7**	ug/L	15.7	4.7	5		06/19/20 23:45	106-46-7	
2,2-Dichloropropane	**<11.3**	ug/L	37.8	11.3	5		06/19/20 23:45	594-20-7	
2-Chlorotoluene	**<4.6**	ug/L	25.0	4.6	5		06/19/20 23:45	95-49-8	
4-Chlorotoluene	**<3.8**	ug/L	12.6	3.8	5		06/19/20 23:45	106-43-4	
Benzene	**<1.2**	ug/L	5.0	1.2	5		06/19/20 23:45	71-43-2	
Bromobenzene	**<1.2**	ug/L	5.0	1.2	5		06/19/20 23:45	108-86-1	
Bromochloromethane	**<1.8**	ug/L	25.0	1.8	5		06/19/20 23:45	74-97-5	
Bromodichloromethane	**<1.8**	ug/L	6.1	1.8	5		06/19/20 23:45	75-27-4	
Bromoform	**<19.9**	ug/L	66.2	19.9	5		06/19/20 23:45	75-25-2	
Bromomethane	**<4.9**	ug/L	25.0	4.9	5		06/19/20 23:45	74-83-9	
Carbon tetrachloride	**<5.4**	ug/L	17.9	5.4	5		06/19/20 23:45	56-23-5	
Chlorobenzene	**<3.6**	ug/L	11.8	3.6	5		06/19/20 23:45	108-90-7	
Chloroethane	**<6.7**	ug/L	25.0	6.7	5		06/19/20 23:45	75-00-3	
Chloroform	**<6.4**	ug/L	25.0	6.4	5		06/19/20 23:45	67-66-3	
Chloromethane	**<10.9**	ug/L	36.5	10.9	5		06/19/20 23:45	74-87-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: RW-2 **Lab ID: 40209714013** Collected: 06/17/20 11:08 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Dibromochloromethane	**<13.0**	ug/L	43.4	13.0	5		06/19/20 23:45	124-48-1	
Dibromomethane	**<4.7**	ug/L	15.6	4.7	5		06/19/20 23:45	74-95-3	
Dichlorodifluoromethane	**<2.5**	ug/L	25.0	2.5	5		06/19/20 23:45	75-71-8	
Diisopropyl ether	**<9.4**	ug/L	31.5	9.4	5		06/19/20 23:45	108-20-3	
Ethylbenzene	**<1.6**	ug/L	5.3	1.6	5		06/19/20 23:45	100-41-4	
Hexachloro-1,3-butadiene	**<7.3**	ug/L	24.4	7.3	5		06/19/20 23:45	87-68-3	
Isopropylbenzene (Cumene)	**<8.4**	ug/L	28.1	8.4	5		06/19/20 23:45	98-82-8	
Methyl-tert-butyl ether	**<6.2**	ug/L	20.8	6.2	5		06/19/20 23:45	1634-04-4	
Methylene Chloride	**<2.9**	ug/L	25.0	2.9	5		06/19/20 23:45	75-09-2	
Naphthalene	**<5.9**	ug/L	25.0	5.9	5		06/19/20 23:45	91-20-3	
Styrene	**<15.0**	ug/L	50.2	15.0	5		06/19/20 23:45	100-42-5	
Tetrachloroethene	**<1.6**	ug/L	5.4	1.6	5		06/19/20 23:45	127-18-4	
Toluene	**<1.3**	ug/L	4.5	1.3	5		06/19/20 23:45	108-88-3	
Trichloroethene	**314**	ug/L	5.0	1.3	5		06/19/20 23:45	79-01-6	
Trichlorofluoromethane	**<1.1**	ug/L	5.0	1.1	5		06/19/20 23:45	75-69-4	
Vinyl chloride	**2.9J**	ug/L	5.0	0.87	5		06/19/20 23:45	75-01-4	
cis-1,2-Dichloroethene	**685**	ug/L	5.0	1.4	5		06/19/20 23:45	156-59-2	
cis-1,3-Dichloropropene	**<18.1**	ug/L	60.5	18.1	5		06/19/20 23:45	10061-01-5	
m&p-Xylene	**<2.3**	ug/L	10.0	2.3	5		06/19/20 23:45	179601-23-1	
n-Butylbenzene	**<3.5**	ug/L	11.8	3.5	5		06/19/20 23:45	104-51-8	
n-Propylbenzene	**<4.1**	ug/L	25.0	4.1	5		06/19/20 23:45	103-65-1	
o-Xylene	**<1.3**	ug/L	5.0	1.3	5		06/19/20 23:45	95-47-6	
p-Isopropyltoluene	**<4.0**	ug/L	13.3	4.0	5		06/19/20 23:45	99-87-6	
sec-Butylbenzene	**<4.2**	ug/L	25.0	4.2	5		06/19/20 23:45	135-98-8	
tert-Butylbenzene	**<1.5**	ug/L	5.1	1.5	5		06/19/20 23:45	98-06-6	
trans-1,2-Dichloroethene	**9.8**	ug/L	7.7	2.3	5		06/19/20 23:45	156-60-5	
trans-1,3-Dichloropropene	**<21.9**	ug/L	72.8	21.9	5		06/19/20 23:45	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	82	%	70-130		5		06/19/20 23:45	460-00-4	
Dibromofluoromethane (S)	74	%	70-130		5		06/19/20 23:45	1868-53-7	
Toluene-d8 (S)	92	%	70-130		5		06/19/20 23:45	2037-26-5	

Sample: RW-23 **Lab ID: 40209714014** Collected: 06/17/20 12:26 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<2.7**	ug/L	10.0	2.7	10		06/20/20 00:07	630-20-6	
1,1,1-Trichloroethane	**504**	ug/L	10.0	2.4	10		06/20/20 00:07	71-55-6	
1,1,2,2-Tetrachloroethane	**<2.8**	ug/L	10.0	2.8	10		06/20/20 00:07	79-34-5	
1,1,2-Trichloroethane	**<5.5**	ug/L	50.0	5.5	10		06/20/20 00:07	79-00-5	
1,1-Dichloroethane	**28.8**	ug/L	10.0	2.7	10		06/20/20 00:07	75-34-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: RW-23 **Lab ID: 40209714014** Collected: 06/17/20 12:26 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1-Dichloroethene	**24.3**	ug/L	10.0	2.4	10		06/20/20 00:07	75-35-4	
1,1-Dichloropropene	**<5.4**	ug/L	18.0	5.4	10		06/20/20 00:07	563-58-6	
1,2,3-Trichlorobenzene	**<22.1**	ug/L	73.7	22.1	10		06/20/20 00:07	87-61-6	
1,2,3-Trichloropropane	**<5.9**	ug/L	50.0	5.9	10		06/20/20 00:07	96-18-4	
1,2,4-Trichlorobenzene	**<9.5**	ug/L	50.0	9.5	10		06/20/20 00:07	120-82-1	
1,2,4-Trimethylbenzene	**<8.4**	ug/L	28.0	8.4	10		06/20/20 00:07	95-63-6	
1,2-Dibromo-3-chloropropane	**<17.6**	ug/L	58.8	17.6	10		06/20/20 00:07	96-12-8	
1,2-Dibromoethane (EDB)	**<8.3**	ug/L	27.6	8.3	10		06/20/20 00:07	106-93-4	
1,2-Dichlorobenzene	**<7.1**	ug/L	23.5	7.1	10		06/20/20 00:07	95-50-1	
1,2-Dichloroethane	**<2.8**	ug/L	10.0	2.8	10		06/20/20 00:07	107-06-2	
1,2-Dichloropropane	**<2.8**	ug/L	10.0	2.8	10		06/20/20 00:07	78-87-5	
1,3,5-Trimethylbenzene	**<8.7**	ug/L	29.1	8.7	10		06/20/20 00:07	108-67-8	
1,3-Dichlorobenzene	**<6.3**	ug/L	20.9	6.3	10		06/20/20 00:07	541-73-1	
1,3-Dichloropropane	**<8.3**	ug/L	27.5	8.3	10		06/20/20 00:07	142-28-9	
1,4-Dichlorobenzene	**<9.4**	ug/L	31.5	9.4	10		06/20/20 00:07	106-46-7	
2,2-Dichloropropane	**<22.7**	ug/L	75.5	22.7	10		06/20/20 00:07	594-20-7	
2-Chlorotoluene	**<9.3**	ug/L	50.0	9.3	10		06/20/20 00:07	95-49-8	
4-Chlorotoluene	**<7.6**	ug/L	25.2	7.6	10		06/20/20 00:07	106-43-4	
Benzene	**<2.5**	ug/L	10.0	2.5	10		06/20/20 00:07	71-43-2	
Bromobenzene	**<2.4**	ug/L	10.0	2.4	10		06/20/20 00:07	108-86-1	
Bromochloromethane	**<3.6**	ug/L	50.0	3.6	10		06/20/20 00:07	74-97-5	
Bromodichloromethane	**<3.6**	ug/L	12.1	3.6	10		06/20/20 00:07	75-27-4	
Bromoform	**<39.7**	ug/L	132	39.7	10		06/20/20 00:07	75-25-2	
Bromomethane	**<9.7**	ug/L	50.0	9.7	10		06/20/20 00:07	74-83-9	
Carbon tetrachloride	**<10.8**	ug/L	35.9	10.8	10		06/20/20 00:07	56-23-5	
Chlorobenzene	**<7.1**	ug/L	23.7	7.1	10		06/20/20 00:07	108-90-7	
Chloroethane	**<13.4**	ug/L	50.0	13.4	10		06/20/20 00:07	75-00-3	
Chloroform	**<12.7**	ug/L	50.0	12.7	10		06/20/20 00:07	67-66-3	
Chloromethane	**<21.9**	ug/L	73.0	21.9	10		06/20/20 00:07	74-87-3	
Dibromochloromethane	**<26.0**	ug/L	86.7	26.0	10		06/20/20 00:07	124-48-1	
Dibromomethane	**<9.4**	ug/L	31.2	9.4	10		06/20/20 00:07	74-95-3	
Dichlorodifluoromethane	**<5.0**	ug/L	50.0	5.0	10		06/20/20 00:07	75-71-8	
Diisopropyl ether	**<18.9**	ug/L	62.9	18.9	10		06/20/20 00:07	108-20-3	
Ethylbenzene	**<3.2**	ug/L	10.6	3.2	10		06/20/20 00:07	100-41-4	
Hexachloro-1,3-butadiene	**<14.6**	ug/L	48.8	14.6	10		06/20/20 00:07	87-68-3	
Isopropylbenzene (Cumene)	**<16.9**	ug/L	56.2	16.9	10		06/20/20 00:07	98-82-8	
Methyl-tert-butyl ether	**<12.5**	ug/L	41.5	12.5	10		06/20/20 00:07	1634-04-4	
Methylene Chloride	**<5.8**	ug/L	50.0	5.8	10		06/20/20 00:07	75-09-2	
Naphthalene	**<11.8**	ug/L	50.0	11.8	10		06/20/20 00:07	91-20-3	
Styrene	**<30.1**	ug/L	100	30.1	10		06/20/20 00:07	100-42-5	
Tetrachloroethene	**<3.3**	ug/L	10.9	3.3	10		06/20/20 00:07	127-18-4	
Toluene	**<2.7**	ug/L	9.0	2.7	10		06/20/20 00:07	108-88-3	
Trichloroethene	**146**	ug/L	10.0	2.6	10		06/20/20 00:07	79-01-6	
Trichlorofluoromethane	**<2.1**	ug/L	10.0	2.1	10		06/20/20 00:07	75-69-4	
Vinyl chloride	**<1.7**	ug/L	10.0	1.7	10		06/20/20 00:07	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: RW-23 **Lab ID: 40209714014** Collected: 06/17/20 12:26 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	**89.9**	ug/L	10.0	2.7	10		06/20/20 00:07	156-59-2	
cis-1,3-Dichloropropene	**<36.3**	ug/L	121	36.3	10		06/20/20 00:07	10061-01-5	
m&p-Xylene	**<4.7**	ug/L	20.0	4.7	10		06/20/20 00:07	179601-23-1	
n-Butylbenzene	**<7.1**	ug/L	23.6	7.1	10		06/20/20 00:07	104-51-8	
n-Propylbenzene	**<8.1**	ug/L	50.0	8.1	10		06/20/20 00:07	103-65-1	
o-Xylene	**<2.6**	ug/L	10.0	2.6	10		06/20/20 00:07	95-47-6	
p-Isopropyltoluene	**<8.0**	ug/L	26.7	8.0	10		06/20/20 00:07	99-87-6	
sec-Butylbenzene	**<8.5**	ug/L	50.0	8.5	10		06/20/20 00:07	135-98-8	
tert-Butylbenzene	**<3.0**	ug/L	10.1	3.0	10		06/20/20 00:07	98-06-6	
trans-1,2-Dichloroethene	**<4.6**	ug/L	15.5	4.6	10		06/20/20 00:07	156-60-5	
trans-1,3-Dichloropropene	**<43.7**	ug/L	146	43.7	10		06/20/20 00:07	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	82	%	70-130		10		06/20/20 00:07	460-00-4	
Dibromofluoromethane (S)	83	%	70-130		10		06/20/20 00:07	1868-53-7	
Toluene-d8 (S)	92	%	70-130		10		06/20/20 00:07	2037-26-5	

Sample: RW-4 **Lab ID: 40209714015** Collected: 06/17/20 12:58 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.54**	ug/L	2.0	0.54	2		06/22/20 13:10	630-20-6	
1,1,1-Trichloroethane	**161**	ug/L	2.0	0.49	2		06/22/20 13:10	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.55**	ug/L	2.0	0.55	2		06/22/20 13:10	79-34-5	
1,1,2-Trichloroethane	**<1.1**	ug/L	10.0	1.1	2		06/22/20 13:10	79-00-5	
1,1-Dichloroethane	**39.2**	ug/L	2.0	0.55	2		06/22/20 13:10	75-34-3	
1,1-Dichloroethene	**11.9**	ug/L	2.0	0.49	2		06/22/20 13:10	75-35-4	
1,1-Dichloropropene	**<1.1**	ug/L	3.6	1.1	2		06/22/20 13:10	563-58-6	
1,2,3-Trichlorobenzene	**<4.4**	ug/L	14.7	4.4	2		06/22/20 13:10	87-61-6	
1,2,3-Trichloropropane	**<1.2**	ug/L	10.0	1.2	2		06/22/20 13:10	96-18-4	
1,2,4-Trichlorobenzene	**<1.9**	ug/L	10.0	1.9	2		06/22/20 13:10	120-82-1	
1,2,4-Trimethylbenzene	**<1.7**	ug/L	5.6	1.7	2		06/22/20 13:10	95-63-6	
1,2-Dibromo-3-chloropropane	**<3.5**	ug/L	11.8	3.5	2		06/22/20 13:10	96-12-8	
1,2-Dibromoethane (EDB)	**<1.7**	ug/L	5.5	1.7	2		06/22/20 13:10	106-93-4	
1,2-Dichlorobenzene	**<1.4**	ug/L	4.7	1.4	2		06/22/20 13:10	95-50-1	
1,2-Dichloroethane	**<0.56**	ug/L	2.0	0.56	2		06/22/20 13:10	107-06-2	
1,2-Dichloropropane	**<0.57**	ug/L	2.0	0.57	2		06/22/20 13:10	78-87-5	
1,3,5-Trimethylbenzene	**<1.7**	ug/L	5.8	1.7	2		06/22/20 13:10	108-67-8	
1,3-Dichlorobenzene	**<1.3**	ug/L	4.2	1.3	2		06/22/20 13:10	541-73-1	
1,3-Dichloropropane	**<1.7**	ug/L	5.5	1.7	2		06/22/20 13:10	142-28-9	
1,4-Dichlorobenzene	**<1.9**	ug/L	6.3	1.9	2		06/22/20 13:10	106-46-7	
2,2-Dichloropropane	**<4.5**	ug/L	15.1	4.5	2		06/22/20 13:10	594-20-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: RW-4 **Lab ID: 40209714015** Collected: 06/17/20 12:58 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
2-Chlorotoluene	**<1.9**	ug/L	10.0	1.9	2		06/22/20 13:10	95-49-8	
4-Chlorotoluene	**<1.5**	ug/L	5.0	1.5	2		06/22/20 13:10	106-43-4	
Benzene	**<0.49**	ug/L	2.0	0.49	2		06/22/20 13:10	71-43-2	
Bromobenzene	**<0.48**	ug/L	2.0	0.48	2		06/22/20 13:10	108-86-1	
Bromochloromethane	**<0.72**	ug/L	10.0	0.72	2		06/22/20 13:10	74-97-5	
Bromodichloromethane	**<0.73**	ug/L	2.4	0.73	2		06/22/20 13:10	75-27-4	
Bromoform	**<7.9**	ug/L	26.5	7.9	2		06/22/20 13:10	75-25-2	
Bromomethane	**<1.9**	ug/L	10.0	1.9	2		06/22/20 13:10	74-83-9	
Carbon tetrachloride	**<2.2**	ug/L	7.2	2.2	2		06/22/20 13:10	56-23-5	
Chlorobenzene	**<1.4**	ug/L	4.7	1.4	2		06/22/20 13:10	108-90-7	
Chloroethane	**<2.7**	ug/L	10.0	2.7	2		06/22/20 13:10	75-00-3	
Chloroform	**<2.5**	ug/L	10.0	2.5	2		06/22/20 13:10	67-66-3	
Chloromethane	**<4.4**	ug/L	14.6	4.4	2		06/22/20 13:10	74-87-3	
Dibromochloromethane	**<5.2**	ug/L	17.3	5.2	2		06/22/20 13:10	124-48-1	
Dibromomethane	**<1.9**	ug/L	6.2	1.9	2		06/22/20 13:10	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	10.0	1.0	2		06/22/20 13:10	75-71-8	
Diisopropyl ether	**<3.8**	ug/L	12.6	3.8	2		06/22/20 13:10	108-20-3	
Ethylbenzene	**<0.64**	ug/L	2.1	0.64	2		06/22/20 13:10	100-41-4	
Hexachloro-1,3-butadiene	**<2.9**	ug/L	9.8	2.9	2		06/22/20 13:10	87-68-3	
Isopropylbenzene (Cumene)	**<3.4**	ug/L	11.2	3.4	2		06/22/20 13:10	98-82-8	
Methyl-tert-butyl ether	**<2.5**	ug/L	8.3	2.5	2		06/22/20 13:10	1634-04-4	
Methylene Chloride	**<1.2**	ug/L	10.0	1.2	2		06/22/20 13:10	75-09-2	
Naphthalene	**<2.4**	ug/L	10.0	2.4	2		06/22/20 13:10	91-20-3	
Styrene	**<6.0**	ug/L	20.1	6.0	2		06/22/20 13:10	100-42-5	
Tetrachloroethene	**0.72J**	ug/L	2.2	0.65	2		06/22/20 13:10	127-18-4	
Toluene	**<0.54**	ug/L	1.8	0.54	2		06/22/20 13:10	108-88-3	
Trichloroethene	**99.5**	ug/L	2.0	0.51	2		06/22/20 13:10	79-01-6	
Trichlorofluoromethane	**<0.43**	ug/L	2.0	0.43	2		06/22/20 13:10	75-69-4	
Vinyl chloride	**0.80J**	ug/L	2.0	0.35	2		06/22/20 13:10	75-01-4	
cis-1,2-Dichloroethene	**39.5**	ug/L	2.0	0.54	2		06/22/20 13:10	156-59-2	
cis-1,3-Dichloropropene	**<7.3**	ug/L	24.2	7.3	2		06/22/20 13:10	10061-01-5	
m&p-Xylene	**<0.93**	ug/L	4.0	0.93	2		06/22/20 13:10	179601-23-1	
n-Butylbenzene	**<1.4**	ug/L	4.7	1.4	2		06/22/20 13:10	104-51-8	
n-Propylbenzene	**<1.6**	ug/L	10.0	1.6	2		06/22/20 13:10	103-65-1	
o-Xylene	**<0.52**	ug/L	2.0	0.52	2		06/22/20 13:10	95-47-6	
p-Isopropyltoluene	**<1.6**	ug/L	5.3	1.6	2		06/22/20 13:10	99-87-6	
sec-Butylbenzene	**<1.7**	ug/L	10.0	1.7	2		06/22/20 13:10	135-98-8	
tert-Butylbenzene	**<0.61**	ug/L	2.0	0.61	2		06/22/20 13:10	98-06-6	
trans-1,2-Dichloroethene	**<0.93**	ug/L	3.1	0.93	2		06/22/20 13:10	156-60-5	
trans-1,3-Dichloropropene	**<8.7**	ug/L	29.1	8.7	2		06/22/20 13:10	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130		2		06/22/20 13:10	460-00-4	
Dibromofluoromethane (S)	70	%	70-130		2		06/22/20 13:10	1868-53-7	
Toluene-d8 (S)	95	%	70-130		2		06/22/20 13:10	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: OP-4 **Lab ID: 40209714016** Collected: 06/17/20 13:31 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.54**	ug/L	2.0	0.54	2		06/20/20 00:51	630-20-6	
1,1,1-Trichloroethane	**275**	ug/L	2.0	0.49	2		06/20/20 00:51	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.55**	ug/L	2.0	0.55	2		06/20/20 00:51	79-34-5	
1,1,2-Trichloroethane	**<1.1**	ug/L	10.0	1.1	2		06/20/20 00:51	79-00-5	
1,1-Dichloroethane	**45.6**	ug/L	2.0	0.55	2		06/20/20 00:51	75-34-3	
1,1-Dichloroethene	**24.8**	ug/L	2.0	0.49	2		06/20/20 00:51	75-35-4	
1,1-Dichloropropene	**<1.1**	ug/L	3.6	1.1	2		06/20/20 00:51	563-58-6	
1,2,3-Trichlorobenzene	**<4.4**	ug/L	14.7	4.4	2		06/20/20 00:51	87-61-6	
1,2,3-Trichloropropane	**<1.2**	ug/L	10.0	1.2	2		06/20/20 00:51	96-18-4	
1,2,4-Trichlorobenzene	**<1.9**	ug/L	10.0	1.9	2		06/20/20 00:51	120-82-1	
1,2,4-Trimethylbenzene	**<1.7**	ug/L	5.6	1.7	2		06/20/20 00:51	95-63-6	
1,2-Dibromo-3-chloropropane	**<3.5**	ug/L	11.8	3.5	2		06/20/20 00:51	96-12-8	
1,2-Dibromoethane (EDB)	**<1.7**	ug/L	5.5	1.7	2		06/20/20 00:51	106-93-4	
1,2-Dichlorobenzene	**<1.4**	ug/L	4.7	1.4	2		06/20/20 00:51	95-50-1	
1,2-Dichloroethane	**<0.56**	ug/L	2.0	0.56	2		06/20/20 00:51	107-06-2	
1,2-Dichloropropane	**<0.57**	ug/L	2.0	0.57	2		06/20/20 00:51	78-87-5	
1,3,5-Trimethylbenzene	**<1.7**	ug/L	5.8	1.7	2		06/20/20 00:51	108-67-8	
1,3-Dichlorobenzene	**<1.3**	ug/L	4.2	1.3	2		06/20/20 00:51	541-73-1	
1,3-Dichloropropane	**<1.7**	ug/L	5.5	1.7	2		06/20/20 00:51	142-28-9	
1,4-Dichlorobenzene	**<1.9**	ug/L	6.3	1.9	2		06/20/20 00:51	106-46-7	
2,2-Dichloropropane	**<4.5**	ug/L	15.1	4.5	2		06/20/20 00:51	594-20-7	
2-Chlorotoluene	**<1.9**	ug/L	10.0	1.9	2		06/20/20 00:51	95-49-8	
4-Chlorotoluene	**<1.5**	ug/L	5.0	1.5	2		06/20/20 00:51	106-43-4	
Benzene	**<0.49**	ug/L	2.0	0.49	2		06/20/20 00:51	71-43-2	
Bromobenzene	**<0.48**	ug/L	2.0	0.48	2		06/20/20 00:51	108-86-1	
Bromochloromethane	**<0.72**	ug/L	10.0	0.72	2		06/20/20 00:51	74-97-5	
Bromodichloromethane	**<0.73**	ug/L	2.4	0.73	2		06/20/20 00:51	75-27-4	
Bromoform	**<7.9**	ug/L	26.5	7.9	2		06/20/20 00:51	75-25-2	
Bromomethane	**<1.9**	ug/L	10.0	1.9	2		06/20/20 00:51	74-83-9	
Carbon tetrachloride	**<2.2**	ug/L	7.2	2.2	2		06/20/20 00:51	56-23-5	
Chlorobenzene	**<1.4**	ug/L	4.7	1.4	2		06/20/20 00:51	108-90-7	
Chloroethane	**<2.7**	ug/L	10.0	2.7	2		06/20/20 00:51	75-00-3	
Chloroform	**<2.5**	ug/L	10.0	2.5	2		06/20/20 00:51	67-66-3	
Chloromethane	**<4.4**	ug/L	14.6	4.4	2		06/20/20 00:51	74-87-3	
Dibromochloromethane	**<5.2**	ug/L	17.3	5.2	2		06/20/20 00:51	124-48-1	
Dibromomethane	**<1.9**	ug/L	6.2	1.9	2		06/20/20 00:51	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	10.0	1.0	2		06/20/20 00:51	75-71-8	
Diisopropyl ether	**<3.8**	ug/L	12.6	3.8	2		06/20/20 00:51	108-20-3	
Ethylbenzene	**<0.64**	ug/L	2.1	0.64	2		06/20/20 00:51	100-41-4	
Hexachloro-1,3-butadiene	**<2.9**	ug/L	9.8	2.9	2		06/20/20 00:51	87-68-3	
Isopropylbenzene (Cumene)	**<3.4**	ug/L	11.2	3.4	2		06/20/20 00:51	98-82-8	
Methyl-tert-butyl ether	**<2.5**	ug/L	8.3	2.5	2		06/20/20 00:51	1634-04-4	
Methylene Chloride	**<1.2**	ug/L	10.0	1.2	2		06/20/20 00:51	75-09-2	
Naphthalene	**<2.4**	ug/L	10.0	2.4	2		06/20/20 00:51	91-20-3	
Styrene	**<6.0**	ug/L	20.1	6.0	2		06/20/20 00:51	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: OP-4 **Lab ID: 40209714016** Collected: 06/17/20 13:31 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Tetrachloroethene	**<0.65**	ug/L	2.2	0.65	2		06/20/20 00:51	127-18-4	
Toluene	**<0.54**	ug/L	1.8	0.54	2		06/20/20 00:51	108-88-3	
Trichloroethene	**81.3**	ug/L	2.0	0.51	2		06/20/20 00:51	79-01-6	
Trichlorofluoromethane	**<0.43**	ug/L	2.0	0.43	2		06/20/20 00:51	75-69-4	
Vinyl chloride	**2.8**	ug/L	2.0	0.35	2		06/20/20 00:51	75-01-4	
cis-1,2-Dichloroethene	**119**	ug/L	2.0	0.54	2		06/20/20 00:51	156-59-2	
cis-1,3-Dichloropropene	**<7.3**	ug/L	24.2	7.3	2		06/20/20 00:51	10061-01-5	
m&p-Xylene	**<0.93**	ug/L	4.0	0.93	2		06/20/20 00:51	179601-23-1	
n-Butylbenzene	**<1.4**	ug/L	4.7	1.4	2		06/20/20 00:51	104-51-8	
n-Propylbenzene	**<1.6**	ug/L	10.0	1.6	2		06/20/20 00:51	103-65-1	
o-Xylene	**<0.52**	ug/L	2.0	0.52	2		06/20/20 00:51	95-47-6	
p-Isopropyltoluene	**<1.6**	ug/L	5.3	1.6	2		06/20/20 00:51	99-87-6	
sec-Butylbenzene	**<1.7**	ug/L	10.0	1.7	2		06/20/20 00:51	135-98-8	
tert-Butylbenzene	**<0.61**	ug/L	2.0	0.61	2		06/20/20 00:51	98-06-6	
trans-1,2-Dichloroethene	**1.3J**	ug/L	3.1	0.93	2		06/20/20 00:51	156-60-5	
trans-1,3-Dichloropropene	**<8.7**	ug/L	29.1	8.7	2		06/20/20 00:51	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	82	%	70-130		2		06/20/20 00:51	460-00-4	
Dibromofluoromethane (S)	72	%	70-130		2		06/20/20 00:51	1868-53-7	
Toluene-d8 (S)	93	%	70-130		2		06/20/20 00:51	2037-26-5	

Sample: DUP-3 **Lab ID: 40209714017** Collected: 06/17/20 00:00 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.67**	ug/L	2.5	0.67	2.5		06/22/20 18:17	630-20-6	
1,1,1-Trichloroethane	**255**	ug/L	2.5	0.61	2.5		06/22/20 18:17	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.69**	ug/L	2.5	0.69	2.5		06/22/20 18:17	79-34-5	
1,1,2-Trichloroethane	**<1.4**	ug/L	12.5	1.4	2.5		06/22/20 18:17	79-00-5	
1,1-Dichloroethane	**32.1**	ug/L	2.5	0.68	2.5		06/22/20 18:17	75-34-3	
1,1-Dichloroethene	**14.5**	ug/L	2.5	0.61	2.5		06/22/20 18:17	75-35-4	
1,1-Dichloropropene	**<1.4**	ug/L	4.5	1.4	2.5		06/22/20 18:17	563-58-6	
1,2,3-Trichlorobenzene	**<5.5**	ug/L	18.4	5.5	2.5		06/22/20 18:17	87-61-6	
1,2,3-Trichloropropane	**<1.5**	ug/L	12.5	1.5	2.5		06/22/20 18:17	96-18-4	
1,2,4-Trichlorobenzene	**<2.4**	ug/L	12.5	2.4	2.5		06/22/20 18:17	120-82-1	
1,2,4-Trimethylbenzene	**<2.1**	ug/L	7.0	2.1	2.5		06/22/20 18:17	95-63-6	
1,2-Dibromo-3-chloropropane	**<4.4**	ug/L	14.7	4.4	2.5		06/22/20 18:17	96-12-8	
1,2-Dibromoethane (EDB)	**<2.1**	ug/L	6.9	2.1	2.5		06/22/20 18:17	106-93-4	
1,2-Dichlorobenzene	**<1.8**	ug/L	5.9	1.8	2.5		06/22/20 18:17	95-50-1	
1,2-Dichloroethane	**<0.70**	ug/L	2.5	0.70	2.5		06/22/20 18:17	107-06-2	
1,2-Dichloropropane	**<0.71**	ug/L	2.5	0.71	2.5		06/22/20 18:17	78-87-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: DUP-3 **Lab ID: 40209714017** Collected: 06/17/20 00:00 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,3,5-Trimethylbenzene	**<2.2**	ug/L	7.3	2.2	2.5		06/22/20 18:17	108-67-8	
1,3-Dichlorobenzene	**<1.6**	ug/L	5.2	1.6	2.5		06/22/20 18:17	541-73-1	
1,3-Dichloropropane	**<2.1**	ug/L	6.9	2.1	2.5		06/22/20 18:17	142-28-9	
1,4-Dichlorobenzene	**<2.4**	ug/L	7.9	2.4	2.5		06/22/20 18:17	106-46-7	
2,2-Dichloropropane	**<5.7**	ug/L	18.9	5.7	2.5		06/22/20 18:17	594-20-7	
2-Chlorotoluene	**<2.3**	ug/L	12.5	2.3	2.5		06/22/20 18:17	95-49-8	
4-Chlorotoluene	**<1.9**	ug/L	6.3	1.9	2.5		06/22/20 18:17	106-43-4	
Benzene	**<0.62**	ug/L	2.5	0.62	2.5		06/22/20 18:17	71-43-2	
Bromobenzene	**<0.60**	ug/L	2.5	0.60	2.5		06/22/20 18:17	108-86-1	
Bromochloromethane	**<0.91**	ug/L	12.5	0.91	2.5		06/22/20 18:17	74-97-5	
Bromodichloromethane	**<0.91**	ug/L	3.0	0.91	2.5		06/22/20 18:17	75-27-4	
Bromoform	**<9.9**	ug/L	33.1	9.9	2.5		06/22/20 18:17	75-25-2	
Bromomethane	**<2.4**	ug/L	12.5	2.4	2.5		06/22/20 18:17	74-83-9	
Carbon tetrachloride	**<2.7**	ug/L	9.0	2.7	2.5		06/22/20 18:17	56-23-5	
Chlorobenzene	**<1.8**	ug/L	5.9	1.8	2.5		06/22/20 18:17	108-90-7	
Chloroethane	**<3.4**	ug/L	12.5	3.4	2.5		06/22/20 18:17	75-00-3	
Chloroform	**<3.2**	ug/L	12.5	3.2	2.5		06/22/20 18:17	67-66-3	
Chloromethane	**<5.5**	ug/L	18.2	5.5	2.5		06/22/20 18:17	74-87-3	
Dibromochloromethane	**<6.5**	ug/L	21.7	6.5	2.5		06/22/20 18:17	124-48-1	
Dibromomethane	**<2.3**	ug/L	7.8	2.3	2.5		06/22/20 18:17	74-95-3	
Dichlorodifluoromethane	**<1.2**	ug/L	12.5	1.2	2.5		06/22/20 18:17	75-71-8	
Diisopropyl ether	**<4.7**	ug/L	15.7	4.7	2.5		06/22/20 18:17	108-20-3	
Ethylbenzene	**<0.80**	ug/L	2.7	0.80	2.5		06/22/20 18:17	100-41-4	
Hexachloro-1,3-butadiene	**<3.7**	ug/L	12.2	3.7	2.5		06/22/20 18:17	87-68-3	
Isopropylbenzene (Cumene)	**<4.2**	ug/L	14.0	4.2	2.5		06/22/20 18:17	98-82-8	
Methyl-tert-butyl ether	**<3.1**	ug/L	10.4	3.1	2.5		06/22/20 18:17	1634-04-4	
Methylene Chloride	**<1.5**	ug/L	12.5	1.5	2.5		06/22/20 18:17	75-09-2	
Naphthalene	**<2.9**	ug/L	12.5	2.9	2.5		06/22/20 18:17	91-20-3	
Styrene	**<7.5**	ug/L	25.1	7.5	2.5		06/22/20 18:17	100-42-5	
Tetrachloroethene	**<0.82**	ug/L	2.7	0.82	2.5		06/22/20 18:17	127-18-4	
Toluene	**<0.67**	ug/L	2.2	0.67	2.5		06/22/20 18:17	108-88-3	
Trichloroethene	**314**	ug/L	2.5	0.64	2.5		06/22/20 18:17	79-01-6	
Trichlorofluoromethane	**<0.54**	ug/L	2.5	0.54	2.5		06/22/20 18:17	75-69-4	
Vinyl chloride	**3.1**	ug/L	2.5	0.44	2.5		06/22/20 18:17	75-01-4	
cis-1,2-Dichloroethene	**636**	ug/L	2.5	0.68	2.5		06/22/20 18:17	156-59-2	
cis-1,3-Dichloropropene	**<9.1**	ug/L	30.2	9.1	2.5		06/22/20 18:17	10061-01-5	
m&p-Xylene	**<1.2**	ug/L	5.0	1.2	2.5		06/22/20 18:17	179601-23-1	
n-Butylbenzene	**<1.8**	ug/L	5.9	1.8	2.5		06/22/20 18:17	104-51-8	
n-Propylbenzene	**<2.0**	ug/L	12.5	2.0	2.5		06/22/20 18:17	103-65-1	
o-Xylene	**<0.65**	ug/L	2.5	0.65	2.5		06/22/20 18:17	95-47-6	
p-Isopropyltoluene	**<2.0**	ug/L	6.7	2.0	2.5		06/22/20 18:17	99-87-6	
sec-Butylbenzene	**<2.1**	ug/L	12.5	2.1	2.5		06/22/20 18:17	135-98-8	
tert-Butylbenzene	**<0.76**	ug/L	2.5	0.76	2.5		06/22/20 18:17	98-06-6	
trans-1,2-Dichloroethene	**2.1J**	ug/L	3.9	1.2	2.5		06/22/20 18:17	156-60-5	
trans-1,3-Dichloropropene	**<10.9**	ug/L	36.4	10.9	2.5		06/22/20 18:17	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: DUP-3 **Lab ID: 40209714017** Collected: 06/17/20 00:00 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
4-Bromofluorobenzene (S)	82	%	70-130		2.5		06/22/20 18:17	460-00-4	
Dibromofluoromethane (S)	80	%	70-130		2.5		06/22/20 18:17	1868-53-7	
Toluene-d8 (S)	93	%	70-130		2.5		06/22/20 18:17	2037-26-5	

Sample: TRIP **Lab ID: 40209714018** Collected: 06/17/20 00:00 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/19/20 19:44	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/19/20 19:44	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 19:44	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/19/20 19:44	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		06/19/20 19:44	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 19:44	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/19/20 19:44	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/19/20 19:44	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/19/20 19:44	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/19/20 19:44	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/19/20 19:44	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/19/20 19:44	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/19/20 19:44	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 19:44	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 19:44	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/19/20 19:44	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/19/20 19:44	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/19/20 19:44	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/19/20 19:44	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/19/20 19:44	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/19/20 19:44	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/19/20 19:44	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/19/20 19:44	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/19/20 19:44	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/19/20 19:44	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/19/20 19:44	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/19/20 19:44	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/19/20 19:44	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/19/20 19:44	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/19/20 19:44	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 19:44	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/19/20 19:44	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Sample: TRIP **Lab ID: 40209714018** Collected: 06/17/20 00:00 Received: 06/18/20 08:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/19/20 19:44	67-66-3	
Chloromethane	**2.7J**	ug/L	7.3	2.2	1		06/19/20 19:44	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/19/20 19:44	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/19/20 19:44	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/19/20 19:44	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/19/20 19:44	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/19/20 19:44	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/19/20 19:44	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/19/20 19:44	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/19/20 19:44	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/19/20 19:44	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/19/20 19:44	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/19/20 19:44	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/19/20 19:44	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/19/20 19:44	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 19:44	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/19/20 19:44	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/19/20 19:44	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		06/19/20 19:44	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/19/20 19:44	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/19/20 19:44	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/19/20 19:44	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/19/20 19:44	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/19/20 19:44	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/19/20 19:44	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/19/20 19:44	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/19/20 19:44	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/19/20 19:44	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/19/20 19:44	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	82	%	70-130		1		06/19/20 19:44	460-00-4	HS
Dibromofluoromethane (S)	84	%	70-130		1		06/19/20 19:44	1868-53-7	
Toluene-d8 (S)	91	%	70-130		1		06/19/20 19:44	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

QC Batch: 358107
QC Batch Method: EPA 8015B Modified
Analysis Method: EPA 8015B Modified
Analysis Description: Methane, Ethane, Ethene GCV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209714007

METHOD BLANK: 2071529 Matrix: Water
Associated Lab Samples: 40209714007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<1.2	5.6	06/19/20 08:39	
Ethene	ug/L	<1.2	5.0	06/19/20 08:39	
Methane	ug/L	<0.66	2.8	06/19/20 08:39	

LABORATORY CONTROL SAMPLE & LCSD: 2071530 2071531

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	53.6	53.7	100	100	80-120	0	20	
Ethene	ug/L	50	49.5	49.4	99	99	80-120	0	20	
Methane	ug/L	28.6	27.8	28.1	97	98	79-120	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2071698 2071699

Parameter	Units	40209608014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Ethane	ug/L	<1.2	53.6	53.6	50.5	52.4	94	98	79-120	4	20	
Ethene	ug/L	<1.2	50	50	46.2	47.7	92	95	79-120	3	20	
Methane	ug/L	<0.66	28.6	28.6	25.7	26.6	90	93	10-200	3	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

QC Batch: 358314
QC Batch Method: EPA 6010
Analysis Method: EPA 6010
Analysis Description: ICP Metals, Trace, Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209714007

METHOD BLANK: 2072706 Matrix: Water
Associated Lab Samples: 40209714007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Dissolved	ug/L	<29.6	100	06/23/20 10:33	

LABORATORY CONTROL SAMPLE: 2072707

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	5000	4920	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2072708 2072709

Parameter	Units	40209670003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron, Dissolved	ug/L	0.77 mg/L	5000	5000	5680	5650	98	97	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

QC Batch: 358126
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209714001, 40209714002, 40209714003, 40209714004, 40209714005, 40209714006

METHOD BLANK: 2071562 Matrix: Water
Associated Lab Samples: 40209714001, 40209714002, 40209714003, 40209714004, 40209714005, 40209714006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	06/19/20 15:40	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	06/19/20 15:40	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	06/19/20 15:40	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	06/19/20 15:40	
1,1-Dichloroethane	ug/L	<0.27	1.0	06/19/20 15:40	
1,1-Dichloroethene	ug/L	<0.24	1.0	06/19/20 15:40	
1,1-Dichloropropene	ug/L	<0.54	1.8	06/19/20 15:40	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	06/19/20 15:40	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	06/19/20 15:40	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	06/19/20 15:40	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	06/19/20 15:40	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	06/19/20 15:40	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	06/19/20 15:40	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	06/19/20 15:40	
1,2-Dichloroethane	ug/L	<0.28	1.0	06/19/20 15:40	
1,2-Dichloropropane	ug/L	<0.28	1.0	06/19/20 15:40	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	06/19/20 15:40	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	06/19/20 15:40	
1,3-Dichloropropane	ug/L	<0.83	2.8	06/19/20 15:40	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	06/19/20 15:40	
2,2-Dichloropropane	ug/L	<2.3	7.6	06/19/20 15:40	
2-Chlorotoluene	ug/L	<0.93	5.0	06/19/20 15:40	
4-Chlorotoluene	ug/L	<0.76	2.5	06/19/20 15:40	
Benzene	ug/L	<0.25	1.0	06/19/20 15:40	
Bromobenzene	ug/L	<0.24	1.0	06/19/20 15:40	
Bromochloromethane	ug/L	<0.36	5.0	06/19/20 15:40	
Bromodichloromethane	ug/L	<0.36	1.2	06/19/20 15:40	
Bromoform	ug/L	<4.0	13.2	06/19/20 15:40	
Bromomethane	ug/L	<0.97	5.0	06/19/20 15:40	
Carbon tetrachloride	ug/L	<1.1	3.6	06/19/20 15:40	
Chlorobenzene	ug/L	<0.71	2.4	06/19/20 15:40	
Chloroethane	ug/L	<1.3	5.0	06/19/20 15:40	
Chloroform	ug/L	<1.3	5.0	06/19/20 15:40	
Chloromethane	ug/L	<2.2	7.3	06/19/20 15:40	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	06/19/20 15:40	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	06/19/20 15:40	
Dibromochloromethane	ug/L	<2.6	8.7	06/19/20 15:40	
Dibromomethane	ug/L	<0.94	3.1	06/19/20 15:40	
Dichlorodifluoromethane	ug/L	<0.50	5.0	06/19/20 15:40	
Diisopropyl ether	ug/L	<1.9	6.3	06/19/20 15:40	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

METHOD BLANK: 2071562 Matrix: Water
Associated Lab Samples: 40209714001, 40209714002, 40209714003, 40209714004, 40209714005, 40209714006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.32	1.1	06/19/20 15:40	
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	06/19/20 15:40	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	06/19/20 15:40	
m&p-Xylene	ug/L	<0.47	2.0	06/19/20 15:40	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	06/19/20 15:40	
Methylene Chloride	ug/L	<0.58	5.0	06/19/20 15:40	
n-Butylbenzene	ug/L	<0.71	2.4	06/19/20 15:40	
n-Propylbenzene	ug/L	<0.81	5.0	06/19/20 15:40	
Naphthalene	ug/L	<1.2	5.0	06/19/20 15:40	
o-Xylene	ug/L	<0.26	1.0	06/19/20 15:40	
p-Isopropyltoluene	ug/L	<0.80	2.7	06/19/20 15:40	
sec-Butylbenzene	ug/L	<0.85	5.0	06/19/20 15:40	
Styrene	ug/L	<3.0	10.0	06/19/20 15:40	
tert-Butylbenzene	ug/L	<0.30	1.0	06/19/20 15:40	
Tetrachloroethene	ug/L	<0.33	1.1	06/19/20 15:40	
Toluene	ug/L	<0.27	0.90	06/19/20 15:40	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	06/19/20 15:40	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	06/19/20 15:40	
Trichloroethene	ug/L	<0.26	1.0	06/19/20 15:40	
Trichlorofluoromethane	ug/L	<0.21	1.0	06/19/20 15:40	
Vinyl chloride	ug/L	<0.17	1.0	06/19/20 15:40	
4-Bromofluorobenzene (S)	%	92	70-130	06/19/20 15:40	
Dibromofluoromethane (S)	%	105	70-130	06/19/20 15:40	
Toluene-d8 (S)	%	98	70-130	06/19/20 15:40	

LABORATORY CONTROL SAMPLE: 2071563

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	56.7	113	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	53.0	106	64-131	
1,1,2-Trichloroethane	ug/L	50	49.6	99	70-130	
1,1-Dichloroethane	ug/L	50	54.1	108	69-163	
1,1-Dichloroethene	ug/L	50	56.6	113	77-123	
1,2,4-Trichlorobenzene	ug/L	50	50.5	101	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	51.6	103	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	53.1	106	70-130	
1,2-Dichlorobenzene	ug/L	50	53.9	108	70-130	
1,2-Dichloroethane	ug/L	50	51.9	104	78-142	
1,2-Dichloropropane	ug/L	50	48.2	96	86-134	
1,3-Dichlorobenzene	ug/L	50	54.0	108	70-130	
1,4-Dichlorobenzene	ug/L	50	51.5	103	70-130	
Benzene	ug/L	50	55.1	110	70-130	
Bromodichloromethane	ug/L	50	54.0	108	70-130	
Bromoform	ug/L	50	46.0	92	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

LABORATORY CONTROL SAMPLE: 2071563

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	50	40.5	81	39-129	
Carbon tetrachloride	ug/L	50	53.9	108	70-132	
Chlorobenzene	ug/L	50	53.1	106	70-130	
Chloroethane	ug/L	50	54.0	108	66-140	
Chloroform	ug/L	50	54.3	109	75-132	
Chloromethane	ug/L	50	43.6	87	32-143	
cis-1,2-Dichloroethene	ug/L	50	55.2	110	70-130	
cis-1,3-Dichloropropene	ug/L	50	52.8	106	70-130	
Dibromochloromethane	ug/L	50	55.8	112	70-130	
Dichlorodifluoromethane	ug/L	50	40.2	80	10-141	
Ethylbenzene	ug/L	50	52.4	105	80-120	
Isopropylbenzene (Cumene)	ug/L	50	54.8	110	70-130	
m&p-Xylene	ug/L	100	108	108	70-130	
Methyl-tert-butyl ether	ug/L	50	50.7	101	61-129	
Methylene Chloride	ug/L	50	53.7	107	70-130	
o-Xylene	ug/L	50	53.1	106	70-130	
Styrene	ug/L	50	54.3	109	70-130	
Tetrachloroethene	ug/L	50	46.9	94	70-130	
Toluene	ug/L	50	51.3	103	80-120	
trans-1,2-Dichloroethene	ug/L	50	57.6	115	70-130	
trans-1,3-Dichloropropene	ug/L	50	44.7	89	69-130	
Trichloroethene	ug/L	50	53.7	107	70-130	
Trichlorofluoromethane	ug/L	50	58.8	118	75-145	
Vinyl chloride	ug/L	50	54.6	109	51-140	
4-Bromofluorobenzene (S)	%			102	70-130	
Dibromofluoromethane (S)	%			108	70-130	
Toluene-d8 (S)	%			95	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2071754 2071755

Parameter	Units	40209535008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.24	50	50	56.6	55.1	113	110	70-130	3	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	51.3	50.5	103	101	64-137	2	20	
1,1,2-Trichloroethane	ug/L	<0.55	50	50	47.4	47.3	95	95	70-137	0	20	
1,1-Dichloroethane	ug/L	<0.27	50	50	51.7	50.8	103	102	69-163	2	20	
1,1-Dichloroethene	ug/L	<0.24	50	50	54.3	53.0	109	106	77-129	2	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	48.5	49.0	97	98	68-130	1	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	49.7	49.0	99	98	60-130	2	20	
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	52.3	51.5	105	103	70-130	2	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	53.4	52.9	107	106	70-130	1	20	
1,2-Dichloroethane	ug/L	<0.28	50	50	49.3	48.3	99	97	78-145	2	20	
1,2-Dichloropropane	ug/L	<0.28	50	50	47.7	46.0	95	92	86-135	4	20	
1,3-Dichlorobenzene	ug/L	<0.63	50	50	54.1	53.5	108	107	70-130	1	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2071754 2071755

Parameter	Units	40209535008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,4-Dichlorobenzene	ug/L	<0.94	50	50	50.4	49.2	101	98	70-130	2	20	
Benzene	ug/L	<0.25	50	50	52.9	52.1	106	104	70-136	2	20	
Bromodichloromethane	ug/L	<0.36	50	50	52.3	51.8	105	104	70-130	1	20	
Bromoform	ug/L	<4.0	50	50	43.9	44.9	88	90	69-130	2	20	
Bromomethane	ug/L	<0.97	50	50	39.9	39.5	80	79	39-138	1	20	
Carbon tetrachloride	ug/L	<1.1	50	50	54.2	52.1	108	104	70-142	4	20	
Chlorobenzene	ug/L	<0.71	50	50	51.7	51.4	103	103	70-130	0	20	
Chloroethane	ug/L	<1.3	50	50	51.3	53.3	103	107	61-149	4	20	
Chloroform	ug/L	<1.3	50	50	52.7	52.0	105	104	75-133	1	20	
Chloromethane	ug/L	<2.2	50	50	40.0	39.6	80	79	32-143	1	20	
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	54.9	53.6	110	107	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	51.3	49.9	103	100	70-130	3	20	
Dibromochloromethane	ug/L	<2.6	50	50	54.3	55.2	109	110	70-130	2	20	
Dichlorodifluoromethane	ug/L	<0.50	50	50	35.3	35.8	71	72	10-141	1	20	
Ethylbenzene	ug/L	<0.32	50	50	51.8	50.8	104	102	80-120	2	20	
Isopropylbenzene (Cumene)	ug/L	<1.7	50	50	53.1	52.9	106	106	70-130	0	20	
m&p-Xylene	ug/L	<0.47	100	100	103	102	103	102	70-130	1	20	
Methyl-tert-butyl ether	ug/L	1.4J	50	50	50.7	50.2	99	98	61-136	1	20	
Methylene Chloride	ug/L	<0.58	50	50	51.6	50.5	103	101	68-137	2	20	
o-Xylene	ug/L	<0.26	50	50	51.2	51.2	102	102	70-130	0	20	
Styrene	ug/L	<3.0	50	50	51.1	51.0	102	102	70-130	0	20	
Tetrachloroethene	ug/L	<0.33	50	50	46.7	46.1	93	92	70-130	1	20	
Toluene	ug/L	<0.27	50	50	49.4	49.4	99	99	80-120	0	20	
trans-1,2-Dichloroethene	ug/L	<0.46	50	50	55.3	53.6	111	107	70-130	3	20	
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	44.2	43.2	88	86	69-130	2	20	
Trichloroethene	ug/L	<0.26	50	50	53.7	51.3	107	103	70-130	5	20	
Trichlorofluoromethane	ug/L	<0.21	50	50	56.2	54.2	112	108	74-157	4	20	
Vinyl chloride	ug/L	<0.17	50	50	50.5	50.3	101	101	51-140	1	20	
4-Bromofluorobenzene (S)	%						98	99	70-130			
Dibromofluoromethane (S)	%						107	106	70-130			
Toluene-d8 (S)	%						94	96	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

QC Batch: 358127
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209714007, 40209714008, 40209714009, 40209714010, 40209714011, 40209714012, 40209714013, 40209714014, 40209714015, 40209714016, 40209714017, 40209714018

METHOD BLANK: 2071564
Matrix: Water
Associated Lab Samples: 40209714007, 40209714008, 40209714009, 40209714010, 40209714011, 40209714012, 40209714013, 40209714014, 40209714015, 40209714016, 40209714017, 40209714018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	06/19/20 15:00	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	06/19/20 15:00	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	06/19/20 15:00	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	06/19/20 15:00	
1,1-Dichloroethane	ug/L	<0.27	1.0	06/19/20 15:00	
1,1-Dichloroethene	ug/L	<0.24	1.0	06/19/20 15:00	
1,1-Dichloropropene	ug/L	<0.54	1.8	06/19/20 15:00	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	06/19/20 15:00	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	06/19/20 15:00	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	06/19/20 15:00	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	06/19/20 15:00	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	06/19/20 15:00	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	06/19/20 15:00	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	06/19/20 15:00	
1,2-Dichloroethane	ug/L	<0.28	1.0	06/19/20 15:00	
1,2-Dichloropropane	ug/L	<0.28	1.0	06/19/20 15:00	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	06/19/20 15:00	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	06/19/20 15:00	
1,3-Dichloropropane	ug/L	<0.83	2.8	06/19/20 15:00	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	06/19/20 15:00	
2,2-Dichloropropane	ug/L	<2.3	7.6	06/19/20 15:00	
2-Chlorotoluene	ug/L	<0.93	5.0	06/19/20 15:00	
4-Chlorotoluene	ug/L	<0.76	2.5	06/19/20 15:00	
Benzene	ug/L	<0.25	1.0	06/19/20 15:00	
Bromobenzene	ug/L	<0.24	1.0	06/19/20 15:00	
Bromochloromethane	ug/L	<0.36	5.0	06/19/20 15:00	
Bromodichloromethane	ug/L	<0.36	1.2	06/19/20 15:00	
Bromoform	ug/L	<4.0	13.2	06/19/20 15:00	
Bromomethane	ug/L	<0.97	5.0	06/19/20 15:00	
Carbon tetrachloride	ug/L	<1.1	3.6	06/19/20 15:00	
Chlorobenzene	ug/L	<0.71	2.4	06/19/20 15:00	
Chloroethane	ug/L	<1.3	5.0	06/19/20 15:00	
Chloroform	ug/L	<1.3	5.0	06/19/20 15:00	
Chloromethane	ug/L	<2.2	7.3	06/19/20 15:00	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	06/19/20 15:00	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	06/19/20 15:00	
Dibromochloromethane	ug/L	<2.6	8.7	06/19/20 15:00	
Dibromomethane	ug/L	<0.94	3.1	06/19/20 15:00	
Dichlorodifluoromethane	ug/L	<0.50	5.0	06/19/20 15:00	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

METHOD BLANK: 2071564 Matrix: Water

Associated Lab Samples: 40209714007, 40209714008, 40209714009, 40209714010, 40209714011, 40209714012, 40209714013, 40209714014, 40209714015, 40209714016, 40209714017, 40209714018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.9	6.3	06/19/20 15:00	
Ethylbenzene	ug/L	<0.32	1.1	06/19/20 15:00	
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	06/19/20 15:00	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	06/19/20 15:00	
m&p-Xylene	ug/L	<0.47	2.0	06/19/20 15:00	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	06/19/20 15:00	
Methylene Chloride	ug/L	<0.58	5.0	06/19/20 15:00	
n-Butylbenzene	ug/L	<0.71	2.4	06/19/20 15:00	
n-Propylbenzene	ug/L	<0.81	5.0	06/19/20 15:00	
Naphthalene	ug/L	<1.2	5.0	06/19/20 15:00	
o-Xylene	ug/L	<0.26	1.0	06/19/20 15:00	
p-Isopropyltoluene	ug/L	<0.80	2.7	06/19/20 15:00	
sec-Butylbenzene	ug/L	<0.85	5.0	06/19/20 15:00	
Styrene	ug/L	<3.0	10.0	06/19/20 15:00	
tert-Butylbenzene	ug/L	<0.30	1.0	06/19/20 15:00	
Tetrachloroethene	ug/L	<0.33	1.1	06/19/20 15:00	
Toluene	ug/L	<0.27	0.90	06/19/20 15:00	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	06/19/20 15:00	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	06/19/20 15:00	
Trichloroethene	ug/L	<0.26	1.0	06/19/20 15:00	
Trichlorofluoromethane	ug/L	<0.21	1.0	06/19/20 15:00	
Vinyl chloride	ug/L	<0.17	1.0	06/19/20 15:00	
4-Bromofluorobenzene (S)	%	85	70-130	06/19/20 15:00	
Dibromofluoromethane (S)	%	82	70-130	06/19/20 15:00	
Toluene-d8 (S)	%	95	70-130	06/19/20 15:00	

LABORATORY CONTROL SAMPLE: 2071565

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	47.8	96	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	43.1	86	64-131	
1,1,2-Trichloroethane	ug/L	50	52.9	106	70-130	
1,1-Dichloroethane	ug/L	50	42.2	84	69-163	
1,1-Dichloroethene	ug/L	50	47.2	94	77-123	
1,2,4-Trichlorobenzene	ug/L	50	44.8	90	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	43.8	88	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	49.3	99	70-130	
1,2-Dichlorobenzene	ug/L	50	52.7	105	70-130	
1,2-Dichloroethane	ug/L	50	45.1	90	78-142	
1,2-Dichloropropane	ug/L	50	49.9	100	86-134	
1,3-Dichlorobenzene	ug/L	50	51.2	102	70-130	
1,4-Dichlorobenzene	ug/L	50	53.7	107	70-130	
Benzene	ug/L	50	48.4	97	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

LABORATORY CONTROL SAMPLE: 2071565

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	50	52.6	105	70-130	
Bromoform	ug/L	50	56.0	112	70-130	
Bromomethane	ug/L	50	39.8	80	39-129	
Carbon tetrachloride	ug/L	50	52.3	105	70-132	
Chlorobenzene	ug/L	50	55.2	110	70-130	
Chloroethane	ug/L	50	39.8	80	66-140	
Chloroform	ug/L	50	45.2	90	75-132	
Chloromethane	ug/L	50	39.0	78	32-143	
cis-1,2-Dichloroethene	ug/L	50	42.5	85	70-130	
cis-1,3-Dichloropropene	ug/L	50	47.2	94	70-130	
Dibromochloromethane	ug/L	50	53.2	106	70-130	
Dichlorodifluoromethane	ug/L	50	34.4	69	10-141	
Ethylbenzene	ug/L	50	55.5	111	80-120	
Isopropylbenzene (Cumene)	ug/L	50	57.1	114	70-130	
m&p-Xylene	ug/L	100	115	115	70-130	
Methyl-tert-butyl ether	ug/L	50	35.7	71	61-129	
Methylene Chloride	ug/L	50	42.9	86	70-130	
o-Xylene	ug/L	50	55.3	111	70-130	
Styrene	ug/L	50	53.5	107	70-130	
Tetrachloroethene	ug/L	50	58.0	116	70-130	
Toluene	ug/L	50	54.8	110	80-120	
trans-1,2-Dichloroethene	ug/L	50	44.8	90	70-130	
trans-1,3-Dichloropropene	ug/L	50	44.4	89	69-130	
Trichloroethene	ug/L	50	56.7	113	70-130	
Trichlorofluoromethane	ug/L	50	49.4	99	75-145	
Vinyl chloride	ug/L	50	43.7	87	51-140	
4-Bromofluorobenzene (S)	%			98	70-130	
Dibromofluoromethane (S)	%			87	70-130	
Toluene-d8 (S)	%			94	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2071762 2071763

Parameter	Units	40209714009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	14.3	50	50	92.5	89.8	156	151	70-130	3	20	M1
1,1,2,2-Tetrachloroethane	ug/L	<1.4	50	50	43.9	42.9	88	86	64-137	2	20	
1,1,2-Trichloroethane	ug/L	<2.8	50	50	53.8	54.6	108	109	70-137	2	20	
1,1-Dichloroethane	ug/L	3.1J	50	50	52.2	51.0	98	96	69-163	2	20	
1,1-Dichloroethene	ug/L	<1.2	50	50	54.0	52.1	108	104	77-129	3	20	
1,2,4-Trichlorobenzene	ug/L	<4.8	50	50	47.1	47.8	94	96	68-130	1	20	
1,2-Dibromo-3-chloropropane	ug/L	<8.8	50	50	45.4	44.3	91	89	60-130	2	20	
1,2-Dibromoethane (EDB)	ug/L	<4.1	50	50	51.1	50.3	102	101	70-130	2	20	
1,2-Dichlorobenzene	ug/L	<3.5	50	50	53.6	53.7	107	107	70-130	0	20	
1,2-Dichloroethane	ug/L	<1.4	50	50	51.1	50.2	102	100	78-145	2	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2071762 2071763

Parameter	Units	40209714009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloropropane	ug/L	<1.4	50	50	50.4	49.1	101	98	86-135	3	20	
1,3-Dichlorobenzene	ug/L	<3.1	50	50	52.2	53.1	104	106	70-130	2	20	
1,4-Dichlorobenzene	ug/L	<4.7	50	50	55.4	54.8	111	110	70-130	1	20	
Benzene	ug/L	<1.2	50	50	55.2	54.3	110	109	70-136	2	20	
Bromodichloromethane	ug/L	<1.8	50	50	52.7	51.8	105	104	70-130	2	20	
Bromoform	ug/L	<19.9	50	50	55.7	55.8	111	112	69-130	0	20	
Bromomethane	ug/L	<4.9	50	50	46.3	45.6	93	91	39-138	1	20	
Carbon tetrachloride	ug/L	<5.4	50	50	57.8	56.3	116	113	70-142	3	20	
Chlorobenzene	ug/L	<3.6	50	50	56.0	55.9	112	112	70-130	0	20	
Chloroethane	ug/L	<6.7	50	50	45.6	44.1	91	88	61-149	3	20	
Chloroform	ug/L	<6.4	50	50	50.3	49.1	101	98	75-133	2	20	
Chloromethane	ug/L	<10.9	50	50	44.6	42.9	89	86	32-143	4	20	
cis-1,2-Dichloroethene	ug/L	229	50	50	443	428	428	399	70-130	3	20	E,M1
cis-1,3-Dichloropropene	ug/L	<18.1	50	50	47.9	47.7	96	95	70-130	0	20	
Dibromochloromethane	ug/L	<13.0	50	50	53.5	53.0	107	106	70-130	1	20	
Dichlorodifluoromethane	ug/L	<2.5	50	50	35.3	34.4	71	69	10-141	3	20	
Ethylbenzene	ug/L	<1.6	50	50	56.0	56.0	112	112	80-120	0	20	
Isopropylbenzene (Cumene)	ug/L	<8.4	50	50	57.2	57.1	114	114	70-130	0	20	
m&p-Xylene	ug/L	<2.3	100	100	117	116	117	116	70-130	1	20	
Methyl-tert-butyl ether	ug/L	<6.2	50	50	40.0	40.5	80	81	61-136	1	20	
Methylene Chloride	ug/L	<2.9	50	50	48.7	46.9	97	94	68-137	4	20	
o-Xylene	ug/L	<1.3	50	50	56.1	55.3	112	111	70-130	2	20	
Styrene	ug/L	<15.0	50	50	53.6	54.0	107	108	70-130	1	20	
Tetrachloroethene	ug/L	<1.6	50	50	60.8	60.2	122	120	70-130	1	20	
Toluene	ug/L	<1.3	50	50	55.8	55.9	112	112	80-120	0	20	
trans-1,2-Dichloroethene	ug/L	<2.3	50	50	53.4	53.2	103	103	70-130	0	20	
trans-1,3-Dichloropropene	ug/L	<21.9	50	50	46.0	45.9	92	92	69-130	0	20	
Trichloroethene	ug/L	14.6	50	50	112	110	194	191	70-130	1	20	M1
Trichlorofluoromethane	ug/L	<1.1	50	50	54.2	53.0	108	106	74-157	2	20	
Vinyl chloride	ug/L	<0.87	50	50	48.6	47.8	97	96	51-140	2	20	
4-Bromofluorobenzene (S)	%						96	97	70-130			
Dibromofluoromethane (S)	%						79	77	70-130			
Toluene-d8 (S)	%						94	95	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

QC Batch: 358077
QC Batch Method: EPA 300.0
Analysis Method: EPA 300.0
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209714007

METHOD BLANK: 2071274 Matrix: Water
Associated Lab Samples: 40209714007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	<0.044	0.15	06/18/20 11:23	
Sulfate	mg/L	<0.44	2.0	06/18/20 11:23	

LABORATORY CONTROL SAMPLE: 2071275

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	1.5	1.5	100	90-110	
Sulfate	mg/L	20	20.2	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2071276 2071277

Parameter	Units	40209714007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.054J	1.5	1.5	1.6	1.6	104	105	90-110	1	15	
Sulfate	mg/L	58.2	100	100	171	168	113	110	90-110	2	15	M0

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

QC Batch: 358486
QC Batch Method: EPA 310.2
Analysis Method: EPA 310.2
Analysis Description: 310.2 Alkalinity
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209714007

METHOD BLANK: 2073320 Matrix: Water
Associated Lab Samples: 40209714007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	24.8	06/24/20 11:26	

LABORATORY CONTROL SAMPLE: 2073321

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	98.6	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2073322 2073323

Parameter	Units	40209608009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	684	500	500	1170	1180	97	98	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2073324 2073325

Parameter	Units	40209714007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	404	200	200	595	594	95	95	90-110	0	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

QC Batch: 358104
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Total Organic Carbon
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209714007

METHOD BLANK: 2071513 Matrix: Water
Associated Lab Samples: 40209714007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.14	0.50	06/19/20 09:33	

LABORATORY CONTROL SAMPLE: 2071514

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	12.6	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2071515 2071516

Parameter	Units	50259524001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	0.52	6	6	6.7	6.7	103	104	80-120	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2071517 2071518

Parameter	Units	50259524002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	0.96	6	6	7.3	7.3	105	105	80-120	0	10	

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REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
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.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209714

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40209714007	**OP-3**	EPA 8015B Modified	358107		
40209714007	**OP-3**	EPA 6010	358314		
40209714001	**RW-18**	EPA 8260	358126		
40209714002	**RW-19**	EPA 8260	358126		
40209714003	**RW-21**	EPA 8260	358126		
40209714004	**OP-1**	EPA 8260	358126		
40209714005	**RW-22**	EPA 8260	358126		
40209714006	**RW-3**	EPA 8260	358126		
40209714007	**OP-3**	EPA 8260	358127		
40209714008	**RW-24**	EPA 8260	358127		
40209714009	**RW-16**	EPA 8260	358127		
40209714010	**RW-17**	EPA 8260	358127		
40209714011	**RW-20**	EPA 8260	358127		
40209714012	**RW-01**	EPA 8260	358127		
40209714013	**RW-2**	EPA 8260	358127		
40209714014	**RW-23**	EPA 8260	358127		
40209714015	**RW-4**	EPA 8260	358127		
40209714016	**OP-4**	EPA 8260	358127		
40209714017	**DUP-3**	EPA 8260	358127		
40209714018	**TRIP**	EPA 8260	358127		
40209714007	**OP-3**	EPA 300.0	358077		
40209714007	**OP-3**	EPA 310.2	358486		
40209714007	**OP-3**	SM 5310C	358104		

(Please Print Clearly)	
Company Name:	GZA GeoEnvironmental
Branch/Location:	Waukesha
Project Contact:	Kevin Hedinger
Phone:	262-424-1761
Project Number:	20.0155935.01
Project Name:	Trent Tube
Project State:	WI
Sampled By (Print):	Sheryl Stephenson
Sampled By (Sign):	
PO #:	Regulatory Program:

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

Page 1 of 2

COC No. 40209714

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

Quote #:	SAME
Mail To Contact:	
Mail To Company:	
Mail To Address:	
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, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested	VOC	Dissolved Fe	Ethane, Ethene, Methane	Sulfate + Alk	TOC	Nitrate			CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
FILTERED? (YES/NO)					Y/N	N	Y	N	N	N	N					
PRESERVATION (CODE)*					Pick Letter	B	D	B	A	C	A					
001	RW-18	6/17/20	0858	GW		X										
002	RW-19		0929			X										
003	RW-21		1006			X										
004	OP-1		1037			X										
005	RW-22		1115			X										
006	RW-3		1223			X										
007	OP-3		1252			X	X	X	X	X	X					
008	RW-24		1328			X										
009	~~RW-12~~ RW-16 [1]		0849			X										
010	RW-17		0918			X									1-Updated per Alex A. 6/18/20 CDH	
011	RW-20		0954			X										
012	RW-01		1027			X										
013	RW-2		1108			X										

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

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

Email #1:	
Email #2:	
Telephone:	
Fax:	

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	6/17/20 1630		
CS Logistics	6/18/20 0855	Ed Wall Pace	6/18/20 0855

PACE Project No.
40209714

Receipt Temp = 0.5 °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
~~Present~~ / Not Present
~~Intact~~ / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

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

Page 2 of 2

COC No. 40209714

CHAIN OF CUSTODY

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

(Please Print Clearly)	
Company Name:	GZA GeoEnvironmental
Branch/Location:	Waukesha
Project Contact:	Kevin Hedinger
Phone:	262-424-1761
Project Number:	20.0155935.01
Project Name:	Trent Tube
Project State:	WI
Sampled By (Print):	Sheryl Stephenson
Sampled By (Sign):	
PO #:	Regulatory Program:

	Quote #:	SAME
	Mail To Contact:	
	Mail To Company:	
	Mail To Address:	
	Invoice To Contact:	
	Invoice To Company:	
	Invoice To Address:	
	Invoice To Phone:	

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	Analyses Requested: VOC	Dissolved Fe	Ethane, Ethene, Methane	Sulfate + Alk	TOC	Nitrate	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					Y/N	Pick Letter	N	Y	N	N	N	N			
							B	D	B	A	A	A			
014	RW-23	6/17/20	1226	GW			X								
015	RW-4	"	1258	"			X								
016	OP-4	"	1331	"			X								
017	DUP-3	"	—	"			X								
018	TRIP	"	—	W			X								

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

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

Email #1:	
Email #2:	
Telephone:	
Fax:	

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
	6/17/20 1630		
CS Logistics	6/18/20 0855	Eric Wahl Pace	6/18/20 0855

PACE Project No. 40209714

Receipt Temp = 8.0 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present

Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

Sample Preservation Receipt Form

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

Client Name: GZA Project # 40209714

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

Lab Lot# of pH paper: iDU5279 Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass								Plastic					Vials						Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN							
001																	3																2.5 / 5 / 10
002																	3																2.5 / 5 / 10
003																	3																2.5 / 5 / 10
004																	3																2.5 / 5 / 10
005																	3																2.5 / 5 / 10
006																	3																2.5 / 5 / 10
007				1						1		1					6														X		2.5 / 5 / 10
008																	3										1						2.5 / 5 / 10
009																	3																2.5 / 5 / 10
010																	3																2.5 / 5 / 10
011																	3																2.5 / 5 / 10
012																	3																2.5 / 5 / 10
013																	1																2.5 / 5 / 10
014																	3																2.5 / 5 / 10
015																	3																2.5 / 5 / 10
016																	3																2.5 / 5 / 10
017																	3																2.5 / 5 / 10
018																	1										1						2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																						EMW 10/19/20											2.5 / 5 / 10

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

AG1U	1 liter amber glass
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG4U	120 mL amber glass unpres
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

BP1U	1 liter plastic unpres
BP3U	250 mL plastic unpres
BP3B	250 mL plastic NaOH
BP3N	250 mL plastic HNO3
BP3S	250 mL plastic H2SO4

VG9A	40 mL clear ascorbic
DG9T	40 mL amber Na Thio
VG9U	40 mL clear vial unpres
VG9H	40 mL clear vial HCL
VG9M	40 mL clear vial MeOH
VG9D	40 mL clear vial DI

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres
SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN	

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

Sample Condition Upon Receipt Form (SCUR)

Project #: WO#: 40209714

Client Name: GZA

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

Tracking #: 2058 061720

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

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

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

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

Cooler Temperature Uncorr: ROI /Corr:

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

Person examining contents: Date: 6/18/20 Initials: EMW

Labeled By Initials:

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☑Yes ☐No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD: ☐Yes ☑No ☐N/A		8.
Correct Containers Used:	☑Yes ☐No	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☐Yes ☑No ☐N/A	12. 009 ID "RW-16" placed by time EMW 6/18/20
-Includes date/time/ID/Analysis Matrix: W		
Trip Blank Present:	☑Yes ☐No ☐N/A	13. Expired 03-01-20 EMW 6/18/20
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 423		

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

Person Contacted: Alex Amundson Date/Time: 6/18/2020

Comments/ Resolution:

Updated ID for -009 to RW-16 per AM. 6/18/20 CDH

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

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

June 26, 2020

Kevin Hedinger
GZA
17975 West Sarah Lane
Suite 100
Brookfield, WI 53045

RE: Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Dear Kevin Hedinger:

Enclosed are the analytical results for sample(s) received by the laboratory on June 19, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

Christopher Hyska

Christopher Hyska
christopher.hyska@pacelabs.com
(920)469-2436
Project Manager

Enclosures

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

CERTIFICATIONS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

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

SAMPLE SUMMARY

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40209814001	**RW-6**	Water	06/18/20 08:35	06/19/20 07:30
40209814002	**MW-6**	Water	06/18/20 09:23	06/19/20 07:30
40209814003	**MW-6A**	Water	06/18/20 09:50	06/19/20 07:30
40209814004	**RW-26**	Water	06/18/20 10:17	06/19/20 07:30
40209814005	**RW-27**	Water	06/18/20 10:55	06/19/20 07:30
40209814006	**RW-28**	Water	06/18/20 12:06	06/19/20 07:30
40209814007	**RW-10**	Water	06/18/20 12:37	06/19/20 07:30
40209814008	**RW-11**	Water	06/18/20 13:20	06/19/20 07:30
40209814009	**RW-25**	Water	06/18/20 08:45	06/19/20 07:30
40209814010	**RW-5**	Water	06/18/20 09:19	06/19/20 07:30
40209814011	**OP-5**	Water	06/18/20 09:51	06/19/20 07:30
40209814012	**OP-7**	Water	06/18/20 10:29	06/19/20 07:30
40209814013	**RW-7**	Water	06/18/20 11:10	06/19/20 07:30
40209814014	**RW-15**	Water	06/18/20 12:13	06/19/20 07:30
40209814015	**RW-14**	Water	06/18/20 12:43	06/19/20 07:30
40209814016	**RW-13**	Water	06/18/20 13:15	06/19/20 07:30
40209814017	**RW-12**	Water	06/18/20 13:48	06/19/20 07:30
40209814018	**DUP-4**	Water	06/18/20 00:00	06/19/20 07:30
40209814019	**TRIP**	Water	06/18/20 00:00	06/19/20 07:30

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SAMPLE ANALYTE COUNT

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40209814001	**RW-6**	EPA 8260	HNW	64	PASI-G
40209814002	**MW-6**	EPA 8260	HNW	64	PASI-G
40209814003	**MW-6A**	EPA 8260	HNW	64	PASI-G
40209814004	**RW-26**	EPA 8260	LAP	64	PASI-G
40209814005	**RW-27**	EPA 8260	LAP	64	PASI-G
40209814006	**RW-28**	EPA 8260	LAP	64	PASI-G
40209814007	**RW-10**	EPA 8260	LAP	64	PASI-G
40209814008	**RW-11**	EPA 8260	LAP	64	PASI-G
40209814009	**RW-25**	EPA 8260	LAP	64	PASI-G
40209814010	**RW-5**	EPA 8260	LAP	64	PASI-G
40209814011	**OP-5**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	LAP	64	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40209814012	**OP-7**	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6010	TXW	1	PASI-G
		EPA 8260	LAP	64	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40209814013	**RW-7**	EPA 8260	LAP	64	PASI-G
40209814014	**RW-15**	EPA 8260	LAP	64	PASI-G
40209814015	**RW-14**	EPA 8260	LAP	64	PASI-G
40209814016	**RW-13**	EPA 8260	LAP	64	PASI-G
40209814017	**RW-12**	EPA 8260	LAP	64	PASI-G
40209814018	**DUP-4**	EPA 8260	LAP	64	PASI-G
40209814019	**TRIP**	EPA 8260	HNW	64	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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

SUMMARY OF DETECTION

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40209814001	**RW-6**					
EPA 8260	1,1-Dichloroethane	2.1	ug/L	2.0	06/22/20 18:21	
EPA 8260	1,1-Dichloroethene	0.70J	ug/L	2.0	06/22/20 18:21	
EPA 8260	Trichloroethene	22.0	ug/L	2.0	06/22/20 18:21	
EPA 8260	Vinyl chloride	10.1	ug/L	2.0	06/22/20 18:21	
EPA 8260	cis-1,2-Dichloroethene	211	ug/L	2.0	06/22/20 18:21	
EPA 8260	trans-1,2-Dichloroethene	2.2J	ug/L	3.1	06/22/20 18:21	
40209814002	**MW-6**					
EPA 8260	1,1-Dichloroethane	2.2J	ug/L	5.0	06/22/20 13:29	
EPA 8260	Trichloroethene	64.8	ug/L	5.0	06/22/20 13:29	
EPA 8260	Vinyl chloride	31.8	ug/L	5.0	06/22/20 13:29	
EPA 8260	cis-1,2-Dichloroethene	231	ug/L	5.0	06/22/20 13:29	
EPA 8260	trans-1,2-Dichloroethene	3.5J	ug/L	7.7	06/22/20 13:29	
40209814003	**MW-6A**					
EPA 8260	Tetrachloroethene	0.83J	ug/L	1.1	06/22/20 13:52	
40209814004	**RW-26**					
EPA 8260	Tetrachloroethene	0.76J	ug/L	1.1	06/25/20 00:27	
EPA 8260	cis-1,2-Dichloroethene	5.8	ug/L	1.0	06/25/20 00:27	
40209814005	**RW-27**					
EPA 8260	Tetrachloroethene	0.62J	ug/L	1.1	06/25/20 00:51	
EPA 8260	Vinyl chloride	20.5	ug/L	1.0	06/25/20 00:51	
EPA 8260	cis-1,2-Dichloroethene	25.7	ug/L	1.0	06/25/20 00:51	
40209814006	**RW-28**					
EPA 8260	1,1,2-Trichloroethane	0.62J	ug/L	5.0	06/23/20 19:38	
EPA 8260	1,1-Dichloroethane	1.2	ug/L	1.0	06/23/20 19:38	
EPA 8260	1,1-Dichloroethene	6.1	ug/L	1.0	06/23/20 19:38	
EPA 8260	Tetrachloroethene	0.42J	ug/L	1.1	06/23/20 19:38	
EPA 8260	Trichloroethene	4.2	ug/L	1.0	06/23/20 19:38	
EPA 8260	Vinyl chloride	500	ug/L	20.0	06/24/20 13:19	
EPA 8260	cis-1,2-Dichloroethene	2330	ug/L	20.0	06/24/20 13:19	
EPA 8260	trans-1,2-Dichloroethene	8.8	ug/L	1.5	06/23/20 19:38	
40209814007	**RW-10**					
EPA 8260	1,1-Dichloroethane	1.3	ug/L	1.0	06/25/20 01:39	
EPA 8260	Trichloroethene	0.99J	ug/L	1.0	06/25/20 01:39	
EPA 8260	Vinyl chloride	3.6	ug/L	1.0	06/25/20 01:39	
EPA 8260	cis-1,2-Dichloroethene	7.3	ug/L	1.0	06/25/20 01:39	
40209814008	**RW-11**					
EPA 8260	1,1-Dichloroethane	1.9	ug/L	1.0	06/25/20 02:02	
EPA 8260	Trichloroethene	0.37J	ug/L	1.0	06/25/20 02:02	
EPA 8260	Vinyl chloride	4.7	ug/L	1.0	06/25/20 02:02	
EPA 8260	cis-1,2-Dichloroethene	1.0	ug/L	1.0	06/25/20 02:02	
40209814009	**RW-25**					
EPA 8260	1,1,1-Trichloroethane	51.4	ug/L	1.0	06/23/20 20:44	

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

SUMMARY OF DETECTION

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40209814009	**RW-25**					
EPA 8260	1,1-Dichloroethane	24.4	ug/L	1.0	06/23/20 20:44	
EPA 8260	1,1-Dichloroethene	3.4	ug/L	1.0	06/23/20 20:44	
EPA 8260	Trichloroethene	13.7	ug/L	1.0	06/23/20 20:44	
EPA 8260	Vinyl chloride	5.6	ug/L	1.0	06/23/20 20:44	
EPA 8260	cis-1,2-Dichloroethene	29.8	ug/L	1.0	06/23/20 20:44	
40209814010	**RW-5**					
EPA 8260	1,1,1-Trichloroethane	6.2J	ug/L	20.0	06/23/20 22:12	
EPA 8260	1,1-Dichloroethane	9.7J	ug/L	20.0	06/23/20 22:12	
EPA 8260	1,1-Dichloroethene	5.9J	ug/L	20.0	06/23/20 22:12	
EPA 8260	Trichloroethene	2860	ug/L	20.0	06/23/20 22:12	
EPA 8260	Vinyl chloride	80.6	ug/L	20.0	06/23/20 22:12	
EPA 8260	cis-1,2-Dichloroethene	1490	ug/L	20.0	06/23/20 22:12	
EPA 8260	trans-1,2-Dichloroethene	48.0	ug/L	30.9	06/23/20 22:12	
40209814011	**OP-5**					
EPA 8015B Modified	Ethane	5.6	ug/L	5.6	06/26/20 11:35	
EPA 8015B Modified	Ethene	4.5J	ug/L	5.0	06/26/20 11:35	
EPA 8015B Modified	Methane	199	ug/L	5.6	06/26/20 11:47	
EPA 6010	Iron, Dissolved	2470	ug/L	100	06/22/20 19:11	
EPA 8260	1,1-Dichloroethane	8.3J	ug/L	10.0	06/25/20 02:26	
EPA 8260	1,1-Dichloroethene	3.8J	ug/L	10.0	06/25/20 02:26	
EPA 8260	Trichloroethene	51.9	ug/L	10.0	06/25/20 02:26	
EPA 8260	Vinyl chloride	118	ug/L	10.0	06/25/20 02:26	
EPA 8260	cis-1,2-Dichloroethene	977	ug/L	10.0	06/25/20 02:26	
EPA 300.0	Sulfate	175	mg/L	20.0	06/23/20 10:48	
EPA 310.2	Alkalinity, Total as CaCO3	478	mg/L	24.8	06/24/20 12:04	
SM 5310C	Total Organic Carbon	4.9	mg/L	0.50	06/23/20 19:17	
40209814012	**OP-7**					
EPA 8015B Modified	Ethane	1.9J	ug/L	5.6	06/26/20 10:19	
EPA 8015B Modified	Ethene	2.7J	ug/L	5.0	06/26/20 10:19	
EPA 8015B Modified	Methane	12.7	ug/L	2.8	06/26/20 10:19	
EPA 6010	Iron, Dissolved	1760	ug/L	100	06/22/20 19:13	
EPA 8260	1,1-Dichloroethene	35.8J	ug/L	50.0	06/23/20 22:56	
EPA 8260	Trichloroethene	3570	ug/L	50.0	06/23/20 22:56	
EPA 8260	Vinyl chloride	150	ug/L	50.0	06/23/20 22:56	
EPA 8260	cis-1,2-Dichloroethene	13900	ug/L	50.0	06/23/20 22:56	
EPA 8260	trans-1,2-Dichloroethene	32.2J	ug/L	77.4	06/23/20 22:56	
EPA 300.0	Sulfate	245	mg/L	20.0	06/23/20 12:18	
EPA 310.2	Alkalinity, Total as CaCO3	555	mg/L	124	06/24/20 14:05	
SM 5310C	Total Organic Carbon	7.2	mg/L	1.5	06/23/20 19:32	
40209814013	**RW-7**					
EPA 8260	1,1-Dichloroethene	6.8J	ug/L	20.0	06/24/20 12:35	
EPA 8260	Trichloroethene	2030	ug/L	20.0	06/24/20 12:35	
EPA 8260	Vinyl chloride	13.0J	ug/L	20.0	06/24/20 12:35	
EPA 8260	cis-1,2-Dichloroethene	2500	ug/L	20.0	06/24/20 12:35	
EPA 8260	trans-1,2-Dichloroethene	17.6J	ug/L	30.9	06/24/20 12:35	

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SUMMARY OF DETECTION

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40209814014	**RW-15**					
EPA 8260	Tetrachloroethene	0.36J	ug/L	1.1	06/25/20 01:15	
EPA 8260	Trichloroethene	11.4	ug/L	1.0	06/25/20 01:15	
EPA 8260	Vinyl chloride	1.0	ug/L	1.0	06/25/20 01:15	
EPA 8260	cis-1,2-Dichloroethene	6.3	ug/L	1.0	06/25/20 01:15	
40209814015	**RW-14**					
EPA 8260	1,1,1-Trichloroethane	15.8	ug/L	10.0	06/23/20 23:40	
EPA 8260	1,1-Dichloroethane	9.6J	ug/L	10.0	06/23/20 23:40	
EPA 8260	1,1-Dichloroethene	4.5J	ug/L	10.0	06/23/20 23:40	
EPA 8260	Naphthalene	93.6	ug/L	50.0	06/23/20 23:40	
EPA 8260	Trichloroethene	90.2	ug/L	10.0	06/23/20 23:40	
EPA 8260	Vinyl chloride	982	ug/L	10.0	06/23/20 23:40	
EPA 8260	cis-1,2-Dichloroethene	1580	ug/L	10.0	06/23/20 23:40	
EPA 8260	trans-1,2-Dichloroethene	11.0J	ug/L	15.5	06/23/20 23:40	
40209814016	**RW-13**					
EPA 8260	1,1-Dichloroethane	5.4	ug/L	2.5	06/24/20 11:58	
EPA 8260	1,1-Dichloroethene	2.2J	ug/L	2.5	06/24/20 11:58	
EPA 8260	Trichloroethene	119	ug/L	2.5	06/24/20 11:58	
EPA 8260	Vinyl chloride	43.5	ug/L	2.5	06/24/20 11:58	
EPA 8260	cis-1,2-Dichloroethene	562	ug/L	2.5	06/24/20 11:58	
EPA 8260	trans-1,2-Dichloroethene	4.3	ug/L	3.9	06/24/20 11:58	
40209814017	**RW-12**					
EPA 8260	1,1,1-Trichloroethane	0.31J	ug/L	1.0	06/23/20 14:08	
EPA 8260	1,1-Dichloroethane	5.6	ug/L	1.0	06/23/20 14:08	
EPA 8260	Benzene	0.45J	ug/L	1.0	06/23/20 14:08	
EPA 8260	Trichloroethene	1.8	ug/L	1.0	06/23/20 14:08	
EPA 8260	Vinyl chloride	2.4	ug/L	1.0	06/23/20 14:08	
EPA 8260	cis-1,2-Dichloroethene	1.6	ug/L	1.0	06/23/20 14:08	
40209814018	**DUP-4**					
EPA 8260	1,1-Dichloroethane	2.0	ug/L	2.0	06/25/20 02:50	
EPA 8260	1,1-Dichloroethene	1.2J	ug/L	2.0	06/25/20 02:50	
EPA 8260	Trichloroethene	64.8	ug/L	2.0	06/25/20 02:50	
EPA 8260	Vinyl chloride	25.8	ug/L	2.0	06/25/20 02:50	
EPA 8260	cis-1,2-Dichloroethene	233	ug/L	2.0	06/25/20 02:50	
EPA 8260	trans-1,2-Dichloroethene	3.1J	ug/L	3.1	06/25/20 02:50	
40209814019	**TRIP**					
EPA 8260	Chloromethane	2.3J	ug/L	7.3	06/22/20 23:46	

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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: RW-6 **Lab ID: 40209814001** Collected: 06/18/20 08:35 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.54**	ug/L	2.0	0.54	2		06/22/20 18:21	630-20-6	
1,1,1-Trichloroethane	**<0.49**	ug/L	2.0	0.49	2		06/22/20 18:21	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.55**	ug/L	2.0	0.55	2		06/22/20 18:21	79-34-5	
1,1,2-Trichloroethane	**<1.1**	ug/L	10.0	1.1	2		06/22/20 18:21	79-00-5	
1,1-Dichloroethane	**2.1**	ug/L	2.0	0.55	2		06/22/20 18:21	75-34-3	
1,1-Dichloroethene	**0.70J**	ug/L	2.0	0.49	2		06/22/20 18:21	75-35-4	
1,1-Dichloropropene	**<1.1**	ug/L	3.6	1.1	2		06/22/20 18:21	563-58-6	
1,2,3-Trichlorobenzene	**<4.4**	ug/L	14.7	4.4	2		06/22/20 18:21	87-61-6	
1,2,3-Trichloropropane	**<1.2**	ug/L	10.0	1.2	2		06/22/20 18:21	96-18-4	
1,2,4-Trichlorobenzene	**<1.9**	ug/L	10.0	1.9	2		06/22/20 18:21	120-82-1	
1,2,4-Trimethylbenzene	**<1.7**	ug/L	5.6	1.7	2		06/22/20 18:21	95-63-6	
1,2-Dibromo-3-chloropropane	**<3.5**	ug/L	11.8	3.5	2		06/22/20 18:21	96-12-8	
1,2-Dibromoethane (EDB)	**<1.7**	ug/L	5.5	1.7	2		06/22/20 18:21	106-93-4	
1,2-Dichlorobenzene	**<1.4**	ug/L	4.7	1.4	2		06/22/20 18:21	95-50-1	
1,2-Dichloroethane	**<0.56**	ug/L	2.0	0.56	2		06/22/20 18:21	107-06-2	
1,2-Dichloropropane	**<0.57**	ug/L	2.0	0.57	2		06/22/20 18:21	78-87-5	
1,3,5-Trimethylbenzene	**<1.7**	ug/L	5.8	1.7	2		06/22/20 18:21	108-67-8	
1,3-Dichlorobenzene	**<1.3**	ug/L	4.2	1.3	2		06/22/20 18:21	541-73-1	
1,3-Dichloropropane	**<1.7**	ug/L	5.5	1.7	2		06/22/20 18:21	142-28-9	
1,4-Dichlorobenzene	**<1.9**	ug/L	6.3	1.9	2		06/22/20 18:21	106-46-7	
2,2-Dichloropropane	**<4.5**	ug/L	15.1	4.5	2		06/22/20 18:21	594-20-7	
2-Chlorotoluene	**<1.9**	ug/L	10.0	1.9	2		06/22/20 18:21	95-49-8	
4-Chlorotoluene	**<1.5**	ug/L	5.0	1.5	2		06/22/20 18:21	106-43-4	
Benzene	**<0.49**	ug/L	2.0	0.49	2		06/22/20 18:21	71-43-2	
Bromobenzene	**<0.48**	ug/L	2.0	0.48	2		06/22/20 18:21	108-86-1	
Bromochloromethane	**<0.72**	ug/L	10.0	0.72	2		06/22/20 18:21	74-97-5	
Bromodichloromethane	**<0.73**	ug/L	2.4	0.73	2		06/22/20 18:21	75-27-4	
Bromoform	**<7.9**	ug/L	26.5	7.9	2		06/22/20 18:21	75-25-2	
Bromomethane	**<1.9**	ug/L	10.0	1.9	2		06/22/20 18:21	74-83-9	
Carbon tetrachloride	**<2.2**	ug/L	7.2	2.2	2		06/22/20 18:21	56-23-5	
Chlorobenzene	**<1.4**	ug/L	4.7	1.4	2		06/22/20 18:21	108-90-7	
Chloroethane	**<2.7**	ug/L	10.0	2.7	2		06/22/20 18:21	75-00-3	
Chloroform	**<2.5**	ug/L	10.0	2.5	2		06/22/20 18:21	67-66-3	
Chloromethane	**<4.4**	ug/L	14.6	4.4	2		06/22/20 18:21	74-87-3	
Dibromochloromethane	**<5.2**	ug/L	17.3	5.2	2		06/22/20 18:21	124-48-1	
Dibromomethane	**<1.9**	ug/L	6.2	1.9	2		06/22/20 18:21	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	10.0	1.0	2		06/22/20 18:21	75-71-8	
Diisopropyl ether	**<3.8**	ug/L	12.6	3.8	2		06/22/20 18:21	108-20-3	
Ethylbenzene	**<0.64**	ug/L	2.1	0.64	2		06/22/20 18:21	100-41-4	
Hexachloro-1,3-butadiene	**<2.9**	ug/L	9.8	2.9	2		06/22/20 18:21	87-68-3	
Isopropylbenzene (Cumene)	**<3.4**	ug/L	11.2	3.4	2		06/22/20 18:21	98-82-8	
Methyl-tert-butyl ether	**<2.5**	ug/L	8.3	2.5	2		06/22/20 18:21	1634-04-4	
Methylene Chloride	**<1.2**	ug/L	10.0	1.2	2		06/22/20 18:21	75-09-2	
Naphthalene	**<2.4**	ug/L	10.0	2.4	2		06/22/20 18:21	91-20-3	
Styrene	**<6.0**	ug/L	20.1	6.0	2		06/22/20 18:21	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: RW-6 **Lab ID: 40209814001** Collected: 06/18/20 08:35 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Tetrachloroethene	**<0.65**	ug/L	2.2	0.65	2		06/22/20 18:21	127-18-4	
Toluene	**<0.54**	ug/L	1.8	0.54	2		06/22/20 18:21	108-88-3	
Trichloroethene	**22.0**	ug/L	2.0	0.51	2		06/22/20 18:21	79-01-6	
Trichlorofluoromethane	**<0.43**	ug/L	2.0	0.43	2		06/22/20 18:21	75-69-4	
Vinyl chloride	**10.1**	ug/L	2.0	0.35	2		06/22/20 18:21	75-01-4	
cis-1,2-Dichloroethene	**211**	ug/L	2.0	0.54	2		06/22/20 18:21	156-59-2	
cis-1,3-Dichloropropene	**<7.3**	ug/L	24.2	7.3	2		06/22/20 18:21	10061-01-5	
m&p-Xylene	**<0.93**	ug/L	4.0	0.93	2		06/22/20 18:21	179601-23-1	
n-Butylbenzene	**<1.4**	ug/L	4.7	1.4	2		06/22/20 18:21	104-51-8	
n-Propylbenzene	**<1.6**	ug/L	10.0	1.6	2		06/22/20 18:21	103-65-1	
o-Xylene	**<0.52**	ug/L	2.0	0.52	2		06/22/20 18:21	95-47-6	
p-Isopropyltoluene	**<1.6**	ug/L	5.3	1.6	2		06/22/20 18:21	99-87-6	
sec-Butylbenzene	**<1.7**	ug/L	10.0	1.7	2		06/22/20 18:21	135-98-8	
tert-Butylbenzene	**<0.61**	ug/L	2.0	0.61	2		06/22/20 18:21	98-06-6	
trans-1,2-Dichloroethene	**2.2J**	ug/L	3.1	0.93	2		06/22/20 18:21	156-60-5	
trans-1,3-Dichloropropene	**<8.7**	ug/L	29.1	8.7	2		06/22/20 18:21	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		2		06/22/20 18:21	460-00-4	
Dibromofluoromethane (S)	95	%	70-130		2		06/22/20 18:21	1868-53-7	
Toluene-d8 (S)	108	%	70-130		2		06/22/20 18:21	2037-26-5	

Sample: MW-6 **Lab ID: 40209814002** Collected: 06/18/20 09:23 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<1.3**	ug/L	5.0	1.3	5		06/22/20 13:29	630-20-6	
1,1,1-Trichloroethane	**<1.2**	ug/L	5.0	1.2	5		06/22/20 13:29	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.4**	ug/L	5.0	1.4	5		06/22/20 13:29	79-34-5	
1,1,2-Trichloroethane	**<2.8**	ug/L	25.0	2.8	5		06/22/20 13:29	79-00-5	
1,1-Dichloroethane	**2.2J**	ug/L	5.0	1.4	5		06/22/20 13:29	75-34-3	
1,1-Dichloroethene	**<1.2**	ug/L	5.0	1.2	5		06/22/20 13:29	75-35-4	
1,1-Dichloropropene	**<2.7**	ug/L	9.0	2.7	5		06/22/20 13:29	563-58-6	
1,2,3-Trichlorobenzene	**<11.1**	ug/L	36.8	11.1	5		06/22/20 13:29	87-61-6	
1,2,3-Trichloropropane	**<3.0**	ug/L	25.0	3.0	5		06/22/20 13:29	96-18-4	
1,2,4-Trichlorobenzene	**<4.8**	ug/L	25.0	4.8	5		06/22/20 13:29	120-82-1	
1,2,4-Trimethylbenzene	**<4.2**	ug/L	14.0	4.2	5		06/22/20 13:29	95-63-6	
1,2-Dibromo-3-chloropropane	**<8.8**	ug/L	29.4	8.8	5		06/22/20 13:29	96-12-8	
1,2-Dibromoethane (EDB)	**<4.1**	ug/L	13.8	4.1	5		06/22/20 13:29	106-93-4	
1,2-Dichlorobenzene	**<3.5**	ug/L	11.8	3.5	5		06/22/20 13:29	95-50-1	
1,2-Dichloroethane	**<1.4**	ug/L	5.0	1.4	5		06/22/20 13:29	107-06-2	
1,2-Dichloropropane	**<1.4**	ug/L	5.0	1.4	5		06/22/20 13:29	78-87-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: MW-6 **Lab ID: 40209814002** Collected: 06/18/20 09:23 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,3,5-Trimethylbenzene	**<4.4**	ug/L	14.6	4.4	5		06/22/20 13:29	108-67-8	
1,3-Dichlorobenzene	**<3.1**	ug/L	10.5	3.1	5		06/22/20 13:29	541-73-1	
1,3-Dichloropropane	**<4.1**	ug/L	13.8	4.1	5		06/22/20 13:29	142-28-9	
1,4-Dichlorobenzene	**<4.7**	ug/L	15.7	4.7	5		06/22/20 13:29	106-46-7	
2,2-Dichloropropane	**<11.3**	ug/L	37.8	11.3	5		06/22/20 13:29	594-20-7	
2-Chlorotoluene	**<4.6**	ug/L	25.0	4.6	5		06/22/20 13:29	95-49-8	
4-Chlorotoluene	**<3.8**	ug/L	12.6	3.8	5		06/22/20 13:29	106-43-4	
Benzene	**<1.2**	ug/L	5.0	1.2	5		06/22/20 13:29	71-43-2	
Bromobenzene	**<1.2**	ug/L	5.0	1.2	5		06/22/20 13:29	108-86-1	
Bromochloromethane	**<1.8**	ug/L	25.0	1.8	5		06/22/20 13:29	74-97-5	
Bromodichloromethane	**<1.8**	ug/L	6.1	1.8	5		06/22/20 13:29	75-27-4	
Bromoform	**<19.9**	ug/L	66.2	19.9	5		06/22/20 13:29	75-25-2	
Bromomethane	**<4.9**	ug/L	25.0	4.9	5		06/22/20 13:29	74-83-9	
Carbon tetrachloride	**<5.4**	ug/L	17.9	5.4	5		06/22/20 13:29	56-23-5	
Chlorobenzene	**<3.6**	ug/L	11.8	3.6	5		06/22/20 13:29	108-90-7	
Chloroethane	**<6.7**	ug/L	25.0	6.7	5		06/22/20 13:29	75-00-3	
Chloroform	**<6.4**	ug/L	25.0	6.4	5		06/22/20 13:29	67-66-3	
Chloromethane	**<10.9**	ug/L	36.5	10.9	5		06/22/20 13:29	74-87-3	
Dibromochloromethane	**<13.0**	ug/L	43.4	13.0	5		06/22/20 13:29	124-48-1	
Dibromomethane	**<4.7**	ug/L	15.6	4.7	5		06/22/20 13:29	74-95-3	
Dichlorodifluoromethane	**<2.5**	ug/L	25.0	2.5	5		06/22/20 13:29	75-71-8	
Diisopropyl ether	**<9.4**	ug/L	31.5	9.4	5		06/22/20 13:29	108-20-3	
Ethylbenzene	**<1.6**	ug/L	5.3	1.6	5		06/22/20 13:29	100-41-4	
Hexachloro-1,3-butadiene	**<7.3**	ug/L	24.4	7.3	5		06/22/20 13:29	87-68-3	
Isopropylbenzene (Cumene)	**<8.4**	ug/L	28.1	8.4	5		06/22/20 13:29	98-82-8	
Methyl-tert-butyl ether	**<6.2**	ug/L	20.8	6.2	5		06/22/20 13:29	1634-04-4	
Methylene Chloride	**<2.9**	ug/L	25.0	2.9	5		06/22/20 13:29	75-09-2	
Naphthalene	**<5.9**	ug/L	25.0	5.9	5		06/22/20 13:29	91-20-3	
Styrene	**<15.0**	ug/L	50.2	15.0	5		06/22/20 13:29	100-42-5	
Tetrachloroethene	**<1.6**	ug/L	5.4	1.6	5		06/22/20 13:29	127-18-4	
Toluene	**<1.3**	ug/L	4.5	1.3	5		06/22/20 13:29	108-88-3	
Trichloroethene	**64.8**	ug/L	5.0	1.3	5		06/22/20 13:29	79-01-6	
Trichlorofluoromethane	**<1.1**	ug/L	5.0	1.1	5		06/22/20 13:29	75-69-4	
Vinyl chloride	**31.8**	ug/L	5.0	0.87	5		06/22/20 13:29	75-01-4	
cis-1,2-Dichloroethene	**231**	ug/L	5.0	1.4	5		06/22/20 13:29	156-59-2	
cis-1,3-Dichloropropene	**<18.1**	ug/L	60.5	18.1	5		06/22/20 13:29	10061-01-5	
m&p-Xylene	**<2.3**	ug/L	10.0	2.3	5		06/22/20 13:29	179601-23-1	
n-Butylbenzene	**<3.5**	ug/L	11.8	3.5	5		06/22/20 13:29	104-51-8	
n-Propylbenzene	**<4.1**	ug/L	25.0	4.1	5		06/22/20 13:29	103-65-1	
o-Xylene	**<1.3**	ug/L	5.0	1.3	5		06/22/20 13:29	95-47-6	
p-Isopropyltoluene	**<4.0**	ug/L	13.3	4.0	5		06/22/20 13:29	99-87-6	
sec-Butylbenzene	**<4.2**	ug/L	25.0	4.2	5		06/22/20 13:29	135-98-8	
tert-Butylbenzene	**<1.5**	ug/L	5.1	1.5	5		06/22/20 13:29	98-06-6	
trans-1,2-Dichloroethene	**3.5J**	ug/L	7.7	2.3	5		06/22/20 13:29	156-60-5	
trans-1,3-Dichloropropene	**<21.9**	ug/L	72.8	21.9	5		06/22/20 13:29	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: MW-6 **Lab ID: 40209814002** Collected: 06/18/20 09:23 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		5		06/22/20 13:29	460-00-4	
Dibromofluoromethane (S)	95	%	70-130		5		06/22/20 13:29	1868-53-7	
Toluene-d8 (S)	107	%	70-130		5		06/22/20 13:29	2037-26-5	

Sample: MW-6A **Lab ID: 40209814003** Collected: 06/18/20 09:50 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/22/20 13:52	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/22/20 13:52	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/22/20 13:52	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/22/20 13:52	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		06/22/20 13:52	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/22/20 13:52	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/22/20 13:52	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/22/20 13:52	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/22/20 13:52	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/22/20 13:52	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/22/20 13:52	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/22/20 13:52	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/22/20 13:52	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/22/20 13:52	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/22/20 13:52	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/22/20 13:52	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/22/20 13:52	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/22/20 13:52	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/22/20 13:52	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/22/20 13:52	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/22/20 13:52	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/22/20 13:52	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/22/20 13:52	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/22/20 13:52	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/22/20 13:52	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/22/20 13:52	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/22/20 13:52	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/22/20 13:52	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/22/20 13:52	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/22/20 13:52	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/22/20 13:52	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/22/20 13:52	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: MW-6A **Lab ID: 40209814003** Collected: 06/18/20 09:50 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/22/20 13:52	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/22/20 13:52	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/22/20 13:52	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/22/20 13:52	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/22/20 13:52	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/22/20 13:52	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/22/20 13:52	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/22/20 13:52	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/22/20 13:52	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/22/20 13:52	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/22/20 13:52	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/22/20 13:52	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/22/20 13:52	100-42-5	
Tetrachloroethene	**0.83J**	ug/L	1.1	0.33	1		06/22/20 13:52	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/22/20 13:52	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/22/20 13:52	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/22/20 13:52	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/22/20 13:52	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		06/22/20 13:52	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/22/20 13:52	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/22/20 13:52	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/22/20 13:52	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/22/20 13:52	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/22/20 13:52	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/22/20 13:52	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/22/20 13:52	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/22/20 13:52	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/22/20 13:52	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/22/20 13:52	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		06/22/20 13:52	460-00-4	
Dibromofluoromethane (S)	94	%	70-130		1		06/22/20 13:52	1868-53-7	
Toluene-d8 (S)	107	%	70-130		1		06/22/20 13:52	2037-26-5	

Sample: RW-26 **Lab ID: 40209814004** Collected: 06/18/20 10:17 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/25/20 00:27	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/25/20 00:27	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/25/20 00:27	79-34-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: RW-26 **Lab ID: 40209814004** Collected: 06/18/20 10:17 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/25/20 00:27	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		06/25/20 00:27	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/25/20 00:27	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/25/20 00:27	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/25/20 00:27	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/25/20 00:27	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/25/20 00:27	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/25/20 00:27	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/25/20 00:27	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/25/20 00:27	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/25/20 00:27	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/25/20 00:27	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/25/20 00:27	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/25/20 00:27	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/25/20 00:27	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/25/20 00:27	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/25/20 00:27	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/25/20 00:27	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/25/20 00:27	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/25/20 00:27	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/25/20 00:27	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/25/20 00:27	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/25/20 00:27	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/25/20 00:27	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/25/20 00:27	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/25/20 00:27	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/25/20 00:27	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/25/20 00:27	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/25/20 00:27	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/25/20 00:27	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/25/20 00:27	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/25/20 00:27	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/25/20 00:27	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/25/20 00:27	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/25/20 00:27	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/25/20 00:27	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/25/20 00:27	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/25/20 00:27	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/25/20 00:27	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/25/20 00:27	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/25/20 00:27	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/25/20 00:27	100-42-5	
Tetrachloroethene	**0.76J**	ug/L	1.1	0.33	1		06/25/20 00:27	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/25/20 00:27	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/25/20 00:27	79-01-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: RW-26 **Lab ID: 40209814004** Collected: 06/18/20 10:17 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/25/20 00:27	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/25/20 00:27	75-01-4	
cis-1,2-Dichloroethene	**5.8**	ug/L	1.0	0.27	1		06/25/20 00:27	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/25/20 00:27	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/25/20 00:27	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/25/20 00:27	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/25/20 00:27	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/25/20 00:27	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/25/20 00:27	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/25/20 00:27	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/25/20 00:27	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/25/20 00:27	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/25/20 00:27	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		06/25/20 00:27	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		06/25/20 00:27	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		06/25/20 00:27	2037-26-5	

Sample: RW-27 **Lab ID: 40209814005** Collected: 06/18/20 10:55 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/25/20 00:51	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/25/20 00:51	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/25/20 00:51	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/25/20 00:51	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		06/25/20 00:51	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/25/20 00:51	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/25/20 00:51	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/25/20 00:51	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/25/20 00:51	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/25/20 00:51	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/25/20 00:51	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/25/20 00:51	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/25/20 00:51	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/25/20 00:51	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/25/20 00:51	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/25/20 00:51	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/25/20 00:51	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/25/20 00:51	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/25/20 00:51	142-28-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: RW-27 **Lab ID: 40209814005** Collected: 06/18/20 10:55 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/25/20 00:51	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/25/20 00:51	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/25/20 00:51	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/25/20 00:51	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/25/20 00:51	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/25/20 00:51	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/25/20 00:51	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/25/20 00:51	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/25/20 00:51	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/25/20 00:51	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/25/20 00:51	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/25/20 00:51	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/25/20 00:51	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/25/20 00:51	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/25/20 00:51	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/25/20 00:51	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/25/20 00:51	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/25/20 00:51	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/25/20 00:51	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/25/20 00:51	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/25/20 00:51	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/25/20 00:51	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/25/20 00:51	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/25/20 00:51	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/25/20 00:51	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/25/20 00:51	100-42-5	
Tetrachloroethene	**0.62J**	ug/L	1.1	0.33	1		06/25/20 00:51	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/25/20 00:51	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/25/20 00:51	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/25/20 00:51	75-69-4	
Vinyl chloride	**20.5**	ug/L	1.0	0.17	1		06/25/20 00:51	75-01-4	
cis-1,2-Dichloroethene	**25.7**	ug/L	1.0	0.27	1		06/25/20 00:51	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/25/20 00:51	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/25/20 00:51	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/25/20 00:51	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/25/20 00:51	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/25/20 00:51	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/25/20 00:51	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/25/20 00:51	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/25/20 00:51	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/25/20 00:51	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/25/20 00:51	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130		1		06/25/20 00:51	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		06/25/20 00:51	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: RW-27 **Lab ID: 40209814005** Collected: 06/18/20 10:55 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		06/25/20 00:51	2037-26-5	

Sample: RW-28 **Lab ID: 40209814006** Collected: 06/18/20 12:06 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/23/20 19:38	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/23/20 19:38	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/23/20 19:38	79-34-5	
1,1,2-Trichloroethane	**0.62J**	ug/L	5.0	0.55	1		06/23/20 19:38	79-00-5	
1,1-Dichloroethane	**1.2**	ug/L	1.0	0.27	1		06/23/20 19:38	75-34-3	
1,1-Dichloroethene	**6.1**	ug/L	1.0	0.24	1		06/23/20 19:38	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/23/20 19:38	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/23/20 19:38	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/23/20 19:38	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/23/20 19:38	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/23/20 19:38	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/23/20 19:38	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/23/20 19:38	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/23/20 19:38	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/23/20 19:38	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/23/20 19:38	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/23/20 19:38	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/23/20 19:38	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/23/20 19:38	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/23/20 19:38	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/23/20 19:38	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/23/20 19:38	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/23/20 19:38	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/23/20 19:38	71-43-2	L3
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/23/20 19:38	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/23/20 19:38	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/23/20 19:38	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/23/20 19:38	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/23/20 19:38	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/23/20 19:38	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/23/20 19:38	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/23/20 19:38	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/23/20 19:38	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/23/20 19:38	74-87-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: RW-28 **Lab ID: 40209814006** Collected: 06/18/20 12:06 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/23/20 19:38	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/23/20 19:38	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/23/20 19:38	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/23/20 19:38	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/23/20 19:38	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/23/20 19:38	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/23/20 19:38	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/23/20 19:38	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/23/20 19:38	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/23/20 19:38	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/23/20 19:38	100-42-5	
Tetrachloroethene	**0.42J**	ug/L	1.1	0.33	1		06/23/20 19:38	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/23/20 19:38	108-88-3	
Trichloroethene	**4.2**	ug/L	1.0	0.26	1		06/23/20 19:38	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/23/20 19:38	75-69-4	
Vinyl chloride	**500**	ug/L	20.0	3.5	20		06/24/20 13:19	75-01-4	
cis-1,2-Dichloroethene	**2330**	ug/L	20.0	5.4	20		06/24/20 13:19	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/23/20 19:38	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/23/20 19:38	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/23/20 19:38	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/23/20 19:38	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/23/20 19:38	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/23/20 19:38	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/23/20 19:38	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/23/20 19:38	98-06-6	
trans-1,2-Dichloroethene	**8.8**	ug/L	1.5	0.46	1		06/23/20 19:38	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/23/20 19:38	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/23/20 19:38	460-00-4	
Dibromofluoromethane (S)	71	%	70-130		1		06/23/20 19:38	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		06/23/20 19:38	2037-26-5	

Sample: RW-10 **Lab ID: 40209814007** Collected: 06/18/20 12:37 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/25/20 01:39	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/25/20 01:39	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/25/20 01:39	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/25/20 01:39	79-00-5	
1,1-Dichloroethane	**1.3**	ug/L	1.0	0.27	1		06/25/20 01:39	75-34-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: RW-10 **Lab ID: 40209814007** Collected: 06/18/20 12:37 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/25/20 01:39	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/25/20 01:39	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/25/20 01:39	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/25/20 01:39	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/25/20 01:39	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/25/20 01:39	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/25/20 01:39	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/25/20 01:39	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/25/20 01:39	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/25/20 01:39	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/25/20 01:39	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/25/20 01:39	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/25/20 01:39	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/25/20 01:39	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/25/20 01:39	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/25/20 01:39	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/25/20 01:39	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/25/20 01:39	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/25/20 01:39	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/25/20 01:39	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/25/20 01:39	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/25/20 01:39	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/25/20 01:39	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/25/20 01:39	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/25/20 01:39	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/25/20 01:39	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/25/20 01:39	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/25/20 01:39	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/25/20 01:39	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/25/20 01:39	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/25/20 01:39	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/25/20 01:39	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/25/20 01:39	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/25/20 01:39	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/25/20 01:39	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/25/20 01:39	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/25/20 01:39	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/25/20 01:39	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/25/20 01:39	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/25/20 01:39	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/25/20 01:39	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/25/20 01:39	108-88-3	
Trichloroethene	**0.99J**	ug/L	1.0	0.26	1		06/25/20 01:39	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/25/20 01:39	75-69-4	
Vinyl chloride	**3.6**	ug/L	1.0	0.17	1		06/25/20 01:39	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: RW-10 **Lab ID: 40209814007** Collected: 06/18/20 12:37 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	**7.3**	ug/L	1.0	0.27	1		06/25/20 01:39	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/25/20 01:39	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/25/20 01:39	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/25/20 01:39	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/25/20 01:39	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/25/20 01:39	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/25/20 01:39	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/25/20 01:39	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/25/20 01:39	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/25/20 01:39	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/25/20 01:39	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	83	%	70-130		1		06/25/20 01:39	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		06/25/20 01:39	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		06/25/20 01:39	2037-26-5	

Sample: RW-11 **Lab ID: 40209814008** Collected: 06/18/20 13:20 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/25/20 02:02	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/25/20 02:02	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/25/20 02:02	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/25/20 02:02	79-00-5	
1,1-Dichloroethane	**1.9**	ug/L	1.0	0.27	1		06/25/20 02:02	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/25/20 02:02	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/25/20 02:02	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/25/20 02:02	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/25/20 02:02	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/25/20 02:02	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/25/20 02:02	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/25/20 02:02	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/25/20 02:02	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/25/20 02:02	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/25/20 02:02	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/25/20 02:02	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/25/20 02:02	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/25/20 02:02	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/25/20 02:02	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/25/20 02:02	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/25/20 02:02	594-20-7	

REPORT OF LABORATORY ANALYSIS

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

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: RW-11 **Lab ID: 40209814008** Collected: 06/18/20 13:20 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/25/20 02:02	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/25/20 02:02	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/25/20 02:02	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/25/20 02:02	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/25/20 02:02	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/25/20 02:02	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/25/20 02:02	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/25/20 02:02	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/25/20 02:02	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/25/20 02:02	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/25/20 02:02	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/25/20 02:02	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/25/20 02:02	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/25/20 02:02	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/25/20 02:02	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/25/20 02:02	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/25/20 02:02	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/25/20 02:02	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/25/20 02:02	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/25/20 02:02	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/25/20 02:02	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/25/20 02:02	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/25/20 02:02	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/25/20 02:02	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/25/20 02:02	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/25/20 02:02	108-88-3	
Trichloroethene	**0.37J**	ug/L	1.0	0.26	1		06/25/20 02:02	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/25/20 02:02	75-69-4	
Vinyl chloride	**4.7**	ug/L	1.0	0.17	1		06/25/20 02:02	75-01-4	
cis-1,2-Dichloroethene	**1.0**	ug/L	1.0	0.27	1		06/25/20 02:02	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/25/20 02:02	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/25/20 02:02	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/25/20 02:02	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/25/20 02:02	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/25/20 02:02	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/25/20 02:02	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/25/20 02:02	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/25/20 02:02	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/25/20 02:02	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/25/20 02:02	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	82	%	70-130		1		06/25/20 02:02	460-00-4	
Dibromofluoromethane (S)	112	%	70-130		1		06/25/20 02:02	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		06/25/20 02:02	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: RW-25 **Lab ID: 40209814009** Collected: 06/18/20 08:45 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/23/20 20:44	630-20-6	
1,1,1-Trichloroethane	**51.4**	ug/L	1.0	0.24	1		06/23/20 20:44	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/23/20 20:44	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/23/20 20:44	79-00-5	
1,1-Dichloroethane	**24.4**	ug/L	1.0	0.27	1		06/23/20 20:44	75-34-3	
1,1-Dichloroethene	**3.4**	ug/L	1.0	0.24	1		06/23/20 20:44	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/23/20 20:44	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/23/20 20:44	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/23/20 20:44	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/23/20 20:44	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/23/20 20:44	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/23/20 20:44	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/23/20 20:44	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/23/20 20:44	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/23/20 20:44	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/23/20 20:44	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/23/20 20:44	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/23/20 20:44	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/23/20 20:44	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/23/20 20:44	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/23/20 20:44	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/23/20 20:44	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/23/20 20:44	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/23/20 20:44	71-43-2	L3
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/23/20 20:44	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/23/20 20:44	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/23/20 20:44	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/23/20 20:44	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/23/20 20:44	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/23/20 20:44	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/23/20 20:44	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/23/20 20:44	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/23/20 20:44	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/23/20 20:44	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/23/20 20:44	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/23/20 20:44	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/23/20 20:44	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/23/20 20:44	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/23/20 20:44	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/23/20 20:44	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/23/20 20:44	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/23/20 20:44	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/23/20 20:44	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/23/20 20:44	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/23/20 20:44	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: RW-25 **Lab ID: 40209814009** Collected: 06/18/20 08:45 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/23/20 20:44	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/23/20 20:44	108-88-3	
Trichloroethene	**13.7**	ug/L	1.0	0.26	1		06/23/20 20:44	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/23/20 20:44	75-69-4	
Vinyl chloride	**5.6**	ug/L	1.0	0.17	1		06/23/20 20:44	75-01-4	
cis-1,2-Dichloroethene	**29.8**	ug/L	1.0	0.27	1		06/23/20 20:44	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/23/20 20:44	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/23/20 20:44	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/23/20 20:44	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/23/20 20:44	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/23/20 20:44	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/23/20 20:44	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/23/20 20:44	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/23/20 20:44	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/23/20 20:44	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/23/20 20:44	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		06/23/20 20:44	460-00-4	
Dibromofluoromethane (S)	78	%	70-130		1		06/23/20 20:44	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		06/23/20 20:44	2037-26-5	

Sample: RW-5 **Lab ID: 40209814010** Collected: 06/18/20 09:19 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<5.4**	ug/L	20.0	5.4	20		06/23/20 22:12	630-20-6	
1,1,1-Trichloroethane	**6.2J**	ug/L	20.0	4.9	20		06/23/20 22:12	71-55-6	
1,1,2,2-Tetrachloroethane	**<5.5**	ug/L	20.0	5.5	20		06/23/20 22:12	79-34-5	
1,1,2-Trichloroethane	**<11.0**	ug/L	100	11.0	20		06/23/20 22:12	79-00-5	
1,1-Dichloroethane	**9.7J**	ug/L	20.0	5.5	20		06/23/20 22:12	75-34-3	
1,1-Dichloroethene	**5.9J**	ug/L	20.0	4.9	20		06/23/20 22:12	75-35-4	
1,1-Dichloropropene	**<10.8**	ug/L	36.0	10.8	20		06/23/20 22:12	563-58-6	
1,2,3-Trichlorobenzene	**<44.2**	ug/L	147	44.2	20		06/23/20 22:12	87-61-6	
1,2,3-Trichloropropane	**<11.8**	ug/L	100	11.8	20		06/23/20 22:12	96-18-4	
1,2,4-Trichlorobenzene	**<19.0**	ug/L	100	19.0	20		06/23/20 22:12	120-82-1	
1,2,4-Trimethylbenzene	**<16.8**	ug/L	56.0	16.8	20		06/23/20 22:12	95-63-6	
1,2-Dibromo-3-chloropropane	**<35.3**	ug/L	118	35.3	20		06/23/20 22:12	96-12-8	
1,2-Dibromoethane (EDB)	**<16.6**	ug/L	55.3	16.6	20		06/23/20 22:12	106-93-4	
1,2-Dichlorobenzene	**<14.1**	ug/L	47.0	14.1	20		06/23/20 22:12	95-50-1	
1,2-Dichloroethane	**<5.6**	ug/L	20.0	5.6	20		06/23/20 22:12	107-06-2	
1,2-Dichloropropane	**<5.7**	ug/L	20.0	5.7	20		06/23/20 22:12	78-87-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: RW-5 **Lab ID: 40209814010** Collected: 06/18/20 09:19 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,3,5-Trimethylbenzene	**<17.5**	ug/L	58.2	17.5	20		06/23/20 22:12	108-67-8	
1,3-Dichlorobenzene	**<12.6**	ug/L	41.9	12.6	20		06/23/20 22:12	541-73-1	
1,3-Dichloropropane	**<16.5**	ug/L	55.1	16.5	20		06/23/20 22:12	142-28-9	
1,4-Dichlorobenzene	**<18.9**	ug/L	62.9	18.9	20		06/23/20 22:12	106-46-7	
2,2-Dichloropropane	**<45.3**	ug/L	151	45.3	20		06/23/20 22:12	594-20-7	
2-Chlorotoluene	**<18.5**	ug/L	100	18.5	20		06/23/20 22:12	95-49-8	
4-Chlorotoluene	**<15.1**	ug/L	50.4	15.1	20		06/23/20 22:12	106-43-4	
Benzene	**<4.9**	ug/L	20.0	4.9	20		06/23/20 22:12	71-43-2	L3
Bromobenzene	**<4.8**	ug/L	20.0	4.8	20		06/23/20 22:12	108-86-1	
Bromochloromethane	**<7.2**	ug/L	100	7.2	20		06/23/20 22:12	74-97-5	
Bromodichloromethane	**<7.3**	ug/L	24.2	7.3	20		06/23/20 22:12	75-27-4	
Bromoform	**<79.4**	ug/L	265	79.4	20		06/23/20 22:12	75-25-2	
Bromomethane	**<19.4**	ug/L	100	19.4	20		06/23/20 22:12	74-83-9	
Carbon tetrachloride	**<21.5**	ug/L	71.8	21.5	20		06/23/20 22:12	56-23-5	
Chlorobenzene	**<14.2**	ug/L	47.4	14.2	20		06/23/20 22:12	108-90-7	
Chloroethane	**<26.8**	ug/L	100	26.8	20		06/23/20 22:12	75-00-3	
Chloroform	**<25.5**	ug/L	100	25.5	20		06/23/20 22:12	67-66-3	
Chloromethane	**<43.8**	ug/L	146	43.8	20		06/23/20 22:12	74-87-3	
Dibromochloromethane	**<52.0**	ug/L	173	52.0	20		06/23/20 22:12	124-48-1	
Dibromomethane	**<18.7**	ug/L	62.5	18.7	20		06/23/20 22:12	74-95-3	
Dichlorodifluoromethane	**<10**	ug/L	100	10	20		06/23/20 22:12	75-71-8	
Diisopropyl ether	**<37.8**	ug/L	126	37.8	20		06/23/20 22:12	108-20-3	
Ethylbenzene	**<6.4**	ug/L	21.2	6.4	20		06/23/20 22:12	100-41-4	
Hexachloro-1,3-butadiene	**<29.3**	ug/L	97.6	29.3	20		06/23/20 22:12	87-68-3	
Isopropylbenzene (Cumene)	**<33.7**	ug/L	112	33.7	20		06/23/20 22:12	98-82-8	
Methyl-tert-butyl ether	**<24.9**	ug/L	83.1	24.9	20		06/23/20 22:12	1634-04-4	
Methylene Chloride	**<11.6**	ug/L	100	11.6	20		06/23/20 22:12	75-09-2	
Naphthalene	**<23.5**	ug/L	100	23.5	20		06/23/20 22:12	91-20-3	
Styrene	**<60.2**	ug/L	201	60.2	20		06/23/20 22:12	100-42-5	
Tetrachloroethene	**<6.5**	ug/L	21.8	6.5	20		06/23/20 22:12	127-18-4	
Toluene	**<5.4**	ug/L	18.0	5.4	20		06/23/20 22:12	108-88-3	
Trichloroethene	**2860**	ug/L	20.0	5.1	20		06/23/20 22:12	79-01-6	
Trichlorofluoromethane	**<4.3**	ug/L	20.0	4.3	20		06/23/20 22:12	75-69-4	
Vinyl chloride	**80.6**	ug/L	20.0	3.5	20		06/23/20 22:12	75-01-4	
cis-1,2-Dichloroethene	**1490**	ug/L	20.0	5.4	20		06/23/20 22:12	156-59-2	
cis-1,3-Dichloropropene	**<72.6**	ug/L	242	72.6	20		06/23/20 22:12	10061-01-5	
m&p-Xylene	**<9.3**	ug/L	40.0	9.3	20		06/23/20 22:12	179601-23-1	
n-Butylbenzene	**<14.2**	ug/L	47.2	14.2	20		06/23/20 22:12	104-51-8	
n-Propylbenzene	**<16.2**	ug/L	100	16.2	20		06/23/20 22:12	103-65-1	
o-Xylene	**<5.2**	ug/L	20.0	5.2	20		06/23/20 22:12	95-47-6	
p-Isopropyltoluene	**<16.0**	ug/L	53.3	16.0	20		06/23/20 22:12	99-87-6	
sec-Butylbenzene	**<17.0**	ug/L	100	17.0	20		06/23/20 22:12	135-98-8	
tert-Butylbenzene	**<6.1**	ug/L	20.3	6.1	20		06/23/20 22:12	98-06-6	
trans-1,2-Dichloroethene	**48.0**	ug/L	30.9	9.3	20		06/23/20 22:12	156-60-5	
trans-1,3-Dichloropropene	**<87.4**	ug/L	291	87.4	20		06/23/20 22:12	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: RW-5 **Lab ID: 40209814010** Collected: 06/18/20 09:19 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		20		06/23/20 22:12	460-00-4	
Dibromofluoromethane (S)	78	%	70-130		20		06/23/20 22:12	1868-53-7	
Toluene-d8 (S)	94	%	70-130		20		06/23/20 22:12	2037-26-5	

Sample: OP-5 **Lab ID: 40209814011** Collected: 06/18/20 09:51 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**5.6**	ug/L	5.6	1.2	1		06/26/20 11:35	74-84-0	
Ethene	**4.5J**	ug/L	5.0	1.2	1		06/26/20 11:35	74-85-1	
Methane	**199**	ug/L	5.6	1.3	2		06/26/20 11:47	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Pace Analytical Services - Green Bay								
Iron, Dissolved	**2470**	ug/L	100	29.6	1		06/22/20 19:11	7439-89-6	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<2.7**	ug/L	10.0	2.7	10		06/25/20 02:26	630-20-6	
1,1,1-Trichloroethane	**<2.4**	ug/L	10.0	2.4	10		06/25/20 02:26	71-55-6	
1,1,2,2-Tetrachloroethane	**<2.8**	ug/L	10.0	2.8	10		06/25/20 02:26	79-34-5	
1,1,2-Trichloroethane	**<5.5**	ug/L	50.0	5.5	10		06/25/20 02:26	79-00-5	
1,1-Dichloroethane	**8.3J**	ug/L	10.0	2.7	10		06/25/20 02:26	75-34-3	
1,1-Dichloroethene	**3.8J**	ug/L	10.0	2.4	10		06/25/20 02:26	75-35-4	
1,1-Dichloropropene	**<5.4**	ug/L	18.0	5.4	10		06/25/20 02:26	563-58-6	
1,2,3-Trichlorobenzene	**<22.1**	ug/L	73.7	22.1	10		06/25/20 02:26	87-61-6	
1,2,3-Trichloropropane	**<5.9**	ug/L	50.0	5.9	10		06/25/20 02:26	96-18-4	
1,2,4-Trichlorobenzene	**<9.5**	ug/L	50.0	9.5	10		06/25/20 02:26	120-82-1	
1,2,4-Trimethylbenzene	**<8.4**	ug/L	28.0	8.4	10		06/25/20 02:26	95-63-6	
1,2-Dibromo-3-chloropropane	**<17.6**	ug/L	58.8	17.6	10		06/25/20 02:26	96-12-8	
1,2-Dibromoethane (EDB)	**<8.3**	ug/L	27.6	8.3	10		06/25/20 02:26	106-93-4	
1,2-Dichlorobenzene	**<7.1**	ug/L	23.5	7.1	10		06/25/20 02:26	95-50-1	
1,2-Dichloroethane	**<2.8**	ug/L	10.0	2.8	10		06/25/20 02:26	107-06-2	
1,2-Dichloropropane	**<2.8**	ug/L	10.0	2.8	10		06/25/20 02:26	78-87-5	
1,3,5-Trimethylbenzene	**<8.7**	ug/L	29.1	8.7	10		06/25/20 02:26	108-67-8	
1,3-Dichlorobenzene	**<6.3**	ug/L	20.9	6.3	10		06/25/20 02:26	541-73-1	
1,3-Dichloropropane	**<8.3**	ug/L	27.5	8.3	10		06/25/20 02:26	142-28-9	
1,4-Dichlorobenzene	**<9.4**	ug/L	31.5	9.4	10		06/25/20 02:26	106-46-7	
2,2-Dichloropropane	**<22.7**	ug/L	75.5	22.7	10		06/25/20 02:26	594-20-7	
2-Chlorotoluene	**<9.3**	ug/L	50.0	9.3	10		06/25/20 02:26	95-49-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: OP-5 **Lab ID: 40209814011** Collected: 06/18/20 09:51 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
4-Chlorotoluene	**<7.6**	ug/L	25.2	7.6	10		06/25/20 02:26	106-43-4	
Benzene	**<2.5**	ug/L	10.0	2.5	10		06/25/20 02:26	71-43-2	
Bromobenzene	**<2.4**	ug/L	10.0	2.4	10		06/25/20 02:26	108-86-1	
Bromochloromethane	**<3.6**	ug/L	50.0	3.6	10		06/25/20 02:26	74-97-5	
Bromodichloromethane	**<3.6**	ug/L	12.1	3.6	10		06/25/20 02:26	75-27-4	
Bromoform	**<39.7**	ug/L	132	39.7	10		06/25/20 02:26	75-25-2	
Bromomethane	**<9.7**	ug/L	50.0	9.7	10		06/25/20 02:26	74-83-9	
Carbon tetrachloride	**<10.8**	ug/L	35.9	10.8	10		06/25/20 02:26	56-23-5	
Chlorobenzene	**<7.1**	ug/L	23.7	7.1	10		06/25/20 02:26	108-90-7	
Chloroethane	**<13.4**	ug/L	50.0	13.4	10		06/25/20 02:26	75-00-3	
Chloroform	**<12.7**	ug/L	50.0	12.7	10		06/25/20 02:26	67-66-3	
Chloromethane	**<21.9**	ug/L	73.0	21.9	10		06/25/20 02:26	74-87-3	
Dibromochloromethane	**<26.0**	ug/L	86.7	26.0	10		06/25/20 02:26	124-48-1	
Dibromomethane	**<9.4**	ug/L	31.2	9.4	10		06/25/20 02:26	74-95-3	
Dichlorodifluoromethane	**<5.0**	ug/L	50.0	5.0	10		06/25/20 02:26	75-71-8	
Diisopropyl ether	**<18.9**	ug/L	62.9	18.9	10		06/25/20 02:26	108-20-3	
Ethylbenzene	**<3.2**	ug/L	10.6	3.2	10		06/25/20 02:26	100-41-4	
Hexachloro-1,3-butadiene	**<14.6**	ug/L	48.8	14.6	10		06/25/20 02:26	87-68-3	
Isopropylbenzene (Cumene)	**<16.9**	ug/L	56.2	16.9	10		06/25/20 02:26	98-82-8	
Methyl-tert-butyl ether	**<12.5**	ug/L	41.5	12.5	10		06/25/20 02:26	1634-04-4	
Methylene Chloride	**<5.8**	ug/L	50.0	5.8	10		06/25/20 02:26	75-09-2	
Naphthalene	**<11.8**	ug/L	50.0	11.8	10		06/25/20 02:26	91-20-3	
Styrene	**<30.1**	ug/L	100	30.1	10		06/25/20 02:26	100-42-5	
Tetrachloroethene	**<3.3**	ug/L	10.9	3.3	10		06/25/20 02:26	127-18-4	
Toluene	**<2.7**	ug/L	9.0	2.7	10		06/25/20 02:26	108-88-3	
Trichloroethene	**51.9**	ug/L	10.0	2.6	10		06/25/20 02:26	79-01-6	
Trichlorofluoromethane	**<2.1**	ug/L	10.0	2.1	10		06/25/20 02:26	75-69-4	
Vinyl chloride	**118**	ug/L	10.0	1.7	10		06/25/20 02:26	75-01-4	
cis-1,2-Dichloroethene	**977**	ug/L	10.0	2.7	10		06/25/20 02:26	156-59-2	
cis-1,3-Dichloropropene	**<36.3**	ug/L	121	36.3	10		06/25/20 02:26	10061-01-5	
m&p-Xylene	**<4.7**	ug/L	20.0	4.7	10		06/25/20 02:26	179601-23-1	
n-Butylbenzene	**<7.1**	ug/L	23.6	7.1	10		06/25/20 02:26	104-51-8	
n-Propylbenzene	**<8.1**	ug/L	50.0	8.1	10		06/25/20 02:26	103-65-1	
o-Xylene	**<2.6**	ug/L	10.0	2.6	10		06/25/20 02:26	95-47-6	
p-Isopropyltoluene	**<8.0**	ug/L	26.7	8.0	10		06/25/20 02:26	99-87-6	
sec-Butylbenzene	**<8.5**	ug/L	50.0	8.5	10		06/25/20 02:26	135-98-8	
tert-Butylbenzene	**<3.0**	ug/L	10.1	3.0	10		06/25/20 02:26	98-06-6	
trans-1,2-Dichloroethene	**<4.6**	ug/L	15.5	4.6	10		06/25/20 02:26	156-60-5	
trans-1,3-Dichloropropene	**<43.7**	ug/L	146	43.7	10		06/25/20 02:26	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	85	%	70-130		10		06/25/20 02:26	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		10		06/25/20 02:26	1868-53-7	
Toluene-d8 (S)	94	%	70-130		10		06/25/20 02:26	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: OP-5 **Lab ID: 40209814011** Collected: 06/18/20 09:51 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Nitrate as N	**<0.44**	mg/L	1.5	0.44	10		06/23/20 10:48	14797-55-8	D3,H1
Sulfate	**175**	mg/L	20.0	4.4	10		06/23/20 10:48	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**478**	mg/L	24.8	7.4	1		06/24/20 12:04		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**4.9**	mg/L	0.50	0.14	1		06/23/20 19:17	7440-44-0	

Sample: OP-7 **Lab ID: 40209814012** Collected: 06/18/20 10:29 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**1.9J**	ug/L	5.6	1.2	1		06/26/20 10:19	74-84-0	
Ethene	**2.7J**	ug/L	5.0	1.2	1		06/26/20 10:19	74-85-1	
Methane	**12.7**	ug/L	2.8	0.66	1		06/26/20 10:19	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Pace Analytical Services - Green Bay								
Iron, Dissolved	**1760**	ug/L	100	29.6	1		06/22/20 19:13	7439-89-6	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<13.5**	ug/L	50.0	13.5	50		06/23/20 22:56	630-20-6	
1,1,1-Trichloroethane	**<12.2**	ug/L	50.0	12.2	50		06/23/20 22:56	71-55-6	
1,1,2,2-Tetrachloroethane	**<13.8**	ug/L	50.0	13.8	50		06/23/20 22:56	79-34-5	
1,1,2-Trichloroethane	**<27.6**	ug/L	250	27.6	50		06/23/20 22:56	79-00-5	
1,1-Dichloroethane	**<13.6**	ug/L	50.0	13.6	50		06/23/20 22:56	75-34-3	
1,1-Dichloroethene	**35.8J**	ug/L	50.0	12.2	50		06/23/20 22:56	75-35-4	
1,1-Dichloropropene	**<27.0**	ug/L	90.0	27.0	50		06/23/20 22:56	563-58-6	
1,2,3-Trichlorobenzene	**<111**	ug/L	368	111	50		06/23/20 22:56	87-61-6	
1,2,3-Trichloropropane	**<29.5**	ug/L	250	29.5	50		06/23/20 22:56	96-18-4	
1,2,4-Trichlorobenzene	**<47.6**	ug/L	250	47.6	50		06/23/20 22:56	120-82-1	
1,2,4-Trimethylbenzene	**<42.0**	ug/L	140	42.0	50		06/23/20 22:56	95-63-6	
1,2-Dibromo-3-chloropropane	**<88.2**	ug/L	294	88.2	50		06/23/20 22:56	96-12-8	
1,2-Dibromoethane (EDB)	**<41.5**	ug/L	138	41.5	50		06/23/20 22:56	106-93-4	
1,2-Dichlorobenzene	**<35.3**	ug/L	118	35.3	50		06/23/20 22:56	95-50-1	
1,2-Dichloroethane	**<14.0**	ug/L	50.0	14.0	50		06/23/20 22:56	107-06-2	
1,2-Dichloropropane	**<14.1**	ug/L	50.0	14.1	50		06/23/20 22:56	78-87-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: OP-7 **Lab ID: 40209814012** Collected: 06/18/20 10:29 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,3,5-Trimethylbenzene	**<43.7**	ug/L	146	43.7	50		06/23/20 22:56	108-67-8	
1,3-Dichlorobenzene	**<31.4**	ug/L	105	31.4	50		06/23/20 22:56	541-73-1	
1,3-Dichloropropane	**<41.3**	ug/L	138	41.3	50		06/23/20 22:56	142-28-9	
1,4-Dichlorobenzene	**<47.2**	ug/L	157	47.2	50		06/23/20 22:56	106-46-7	
2,2-Dichloropropane	**<113**	ug/L	378	113	50		06/23/20 22:56	594-20-7	
2-Chlorotoluene	**<46.3**	ug/L	250	46.3	50		06/23/20 22:56	95-49-8	
4-Chlorotoluene	**<37.8**	ug/L	126	37.8	50		06/23/20 22:56	106-43-4	
Benzene	**<12.3**	ug/L	50.0	12.3	50		06/23/20 22:56	71-43-2	L3
Bromobenzene	**<12.1**	ug/L	50.0	12.1	50		06/23/20 22:56	108-86-1	
Bromochloromethane	**<18.1**	ug/L	250	18.1	50		06/23/20 22:56	74-97-5	
Bromodichloromethane	**<18.2**	ug/L	60.6	18.2	50		06/23/20 22:56	75-27-4	
Bromoform	**<199**	ug/L	662	199	50		06/23/20 22:56	75-25-2	
Bromomethane	**<48.6**	ug/L	250	48.6	50		06/23/20 22:56	74-83-9	
Carbon tetrachloride	**<53.8**	ug/L	179	53.8	50		06/23/20 22:56	56-23-5	
Chlorobenzene	**<35.5**	ug/L	118	35.5	50		06/23/20 22:56	108-90-7	
Chloroethane	**<67.1**	ug/L	250	67.1	50		06/23/20 22:56	75-00-3	
Chloroform	**<63.7**	ug/L	250	63.7	50		06/23/20 22:56	67-66-3	
Chloromethane	**<109**	ug/L	365	109	50		06/23/20 22:56	74-87-3	
Dibromochloromethane	**<130**	ug/L	434	130	50		06/23/20 22:56	124-48-1	
Dibromomethane	**<46.8**	ug/L	156	46.8	50		06/23/20 22:56	74-95-3	
Dichlorodifluoromethane	**<25.0**	ug/L	250	25.0	50		06/23/20 22:56	75-71-8	
Diisopropyl ether	**<94.4**	ug/L	315	94.4	50		06/23/20 22:56	108-20-3	
Ethylbenzene	**<15.9**	ug/L	53.1	15.9	50		06/23/20 22:56	100-41-4	
Hexachloro-1,3-butadiene	**<73.1**	ug/L	244	73.1	50		06/23/20 22:56	87-68-3	
Isopropylbenzene (Cumene)	**<84.3**	ug/L	281	84.3	50		06/23/20 22:56	98-82-8	
Methyl-tert-butyl ether	**<62.3**	ug/L	208	62.3	50		06/23/20 22:56	1634-04-4	
Methylene Chloride	**<29.0**	ug/L	250	29.0	50		06/23/20 22:56	75-09-2	
Naphthalene	**<58.8**	ug/L	250	58.8	50		06/23/20 22:56	91-20-3	
Styrene	**<150**	ug/L	502	150	50		06/23/20 22:56	100-42-5	
Tetrachloroethene	**<16.3**	ug/L	54.4	16.3	50		06/23/20 22:56	127-18-4	
Toluene	**<13.5**	ug/L	44.9	13.5	50		06/23/20 22:56	108-88-3	
Trichloroethene	**3570**	ug/L	50.0	12.8	50		06/23/20 22:56	79-01-6	
Trichlorofluoromethane	**<10.7**	ug/L	50.0	10.7	50		06/23/20 22:56	75-69-4	
Vinyl chloride	**150**	ug/L	50.0	8.7	50		06/23/20 22:56	75-01-4	
cis-1,2-Dichloroethene	**13900**	ug/L	50.0	13.6	50		06/23/20 22:56	156-59-2	
cis-1,3-Dichloropropene	**<181**	ug/L	605	181	50		06/23/20 22:56	10061-01-5	
m&p-Xylene	**<23.3**	ug/L	100	23.3	50		06/23/20 22:56	179601-23-1	
n-Butylbenzene	**<35.4**	ug/L	118	35.4	50		06/23/20 22:56	104-51-8	
n-Propylbenzene	**<40.5**	ug/L	250	40.5	50		06/23/20 22:56	103-65-1	
o-Xylene	**<13.1**	ug/L	50.0	13.1	50		06/23/20 22:56	95-47-6	
p-Isopropyltoluene	**<40.0**	ug/L	133	40.0	50		06/23/20 22:56	99-87-6	
sec-Butylbenzene	**<42.4**	ug/L	250	42.4	50		06/23/20 22:56	135-98-8	
tert-Butylbenzene	**<15.2**	ug/L	50.6	15.2	50		06/23/20 22:56	98-06-6	
trans-1,2-Dichloroethene	**32.2J**	ug/L	77.4	23.2	50		06/23/20 22:56	156-60-5	
trans-1,3-Dichloropropene	**<219**	ug/L	728	219	50		06/23/20 22:56	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: OP-7 **Lab ID: 40209814012** Collected: 06/18/20 10:29 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		50		06/23/20 22:56	460-00-4	
Dibromofluoromethane (S)	81	%	70-130		50		06/23/20 22:56	1868-53-7	
Toluene-d8 (S)	92	%	70-130		50		06/23/20 22:56	2037-26-5	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Nitrate as N	**<0.044**	mg/L	0.15	0.044	1		06/22/20 14:24	14797-55-8	H1
Sulfate	**245**	mg/L	20.0	4.4	10		06/23/20 12:18	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**555**	mg/L	124	37.2	5		06/24/20 14:05		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**7.2**	mg/L	1.5	0.42	3		06/23/20 19:32	7440-44-0	

Sample: RW-7 **Lab ID: 40209814013** Collected: 06/18/20 11:10 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<5.4**	ug/L	20.0	5.4	20		06/24/20 12:35	630-20-6	
1,1,1-Trichloroethane	**<4.9**	ug/L	20.0	4.9	20		06/24/20 12:35	71-55-6	
1,1,2,2-Tetrachloroethane	**<5.5**	ug/L	20.0	5.5	20		06/24/20 12:35	79-34-5	
1,1,2-Trichloroethane	**<11.0**	ug/L	100	11.0	20		06/24/20 12:35	79-00-5	
1,1-Dichloroethane	**<5.5**	ug/L	20.0	5.5	20		06/24/20 12:35	75-34-3	
1,1-Dichloroethene	**6.8J**	ug/L	20.0	4.9	20		06/24/20 12:35	75-35-4	
1,1-Dichloropropene	**<10.8**	ug/L	36.0	10.8	20		06/24/20 12:35	563-58-6	
1,2,3-Trichlorobenzene	**<44.2**	ug/L	147	44.2	20		06/24/20 12:35	87-61-6	
1,2,3-Trichloropropane	**<11.8**	ug/L	100	11.8	20		06/24/20 12:35	96-18-4	
1,2,4-Trichlorobenzene	**<19.0**	ug/L	100	19.0	20		06/24/20 12:35	120-82-1	
1,2,4-Trimethylbenzene	**<16.8**	ug/L	56.0	16.8	20		06/24/20 12:35	95-63-6	
1,2-Dibromo-3-chloropropane	**<35.3**	ug/L	118	35.3	20		06/24/20 12:35	96-12-8	
1,2-Dibromoethane (EDB)	**<16.6**	ug/L	55.3	16.6	20		06/24/20 12:35	106-93-4	
1,2-Dichlorobenzene	**<14.1**	ug/L	47.0	14.1	20		06/24/20 12:35	95-50-1	
1,2-Dichloroethane	**<5.6**	ug/L	20.0	5.6	20		06/24/20 12:35	107-06-2	
1,2-Dichloropropane	**<5.7**	ug/L	20.0	5.7	20		06/24/20 12:35	78-87-5	
1,3,5-Trimethylbenzene	**<17.5**	ug/L	58.2	17.5	20		06/24/20 12:35	108-67-8	
1,3-Dichlorobenzene	**<12.6**	ug/L	41.9	12.6	20		06/24/20 12:35	541-73-1	
1,3-Dichloropropane	**<16.5**	ug/L	55.1	16.5	20		06/24/20 12:35	142-28-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: RW-7 **Lab ID: 40209814013** Collected: 06/18/20 11:10 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,4-Dichlorobenzene	**<18.9**	ug/L	62.9	18.9	20		06/24/20 12:35	106-46-7	
2,2-Dichloropropane	**<45.3**	ug/L	151	45.3	20		06/24/20 12:35	594-20-7	
2-Chlorotoluene	**<18.5**	ug/L	100	18.5	20		06/24/20 12:35	95-49-8	
4-Chlorotoluene	**<15.1**	ug/L	50.4	15.1	20		06/24/20 12:35	106-43-4	
Benzene	**<4.9**	ug/L	20.0	4.9	20		06/24/20 12:35	71-43-2	L3
Bromobenzene	**<4.8**	ug/L	20.0	4.8	20		06/24/20 12:35	108-86-1	
Bromochloromethane	**<7.2**	ug/L	100	7.2	20		06/24/20 12:35	74-97-5	
Bromodichloromethane	**<7.3**	ug/L	24.2	7.3	20		06/24/20 12:35	75-27-4	
Bromoform	**<79.4**	ug/L	265	79.4	20		06/24/20 12:35	75-25-2	
Bromomethane	**<19.4**	ug/L	100	19.4	20		06/24/20 12:35	74-83-9	
Carbon tetrachloride	**<21.5**	ug/L	71.8	21.5	20		06/24/20 12:35	56-23-5	
Chlorobenzene	**<14.2**	ug/L	47.4	14.2	20		06/24/20 12:35	108-90-7	
Chloroethane	**<26.8**	ug/L	100	26.8	20		06/24/20 12:35	75-00-3	
Chloroform	**<25.5**	ug/L	100	25.5	20		06/24/20 12:35	67-66-3	
Chloromethane	**<43.8**	ug/L	146	43.8	20		06/24/20 12:35	74-87-3	
Dibromochloromethane	**<52.0**	ug/L	173	52.0	20		06/24/20 12:35	124-48-1	
Dibromomethane	**<18.7**	ug/L	62.5	18.7	20		06/24/20 12:35	74-95-3	
Dichlorodifluoromethane	**<10**	ug/L	100	10	20		06/24/20 12:35	75-71-8	
Diisopropyl ether	**<37.8**	ug/L	126	37.8	20		06/24/20 12:35	108-20-3	
Ethylbenzene	**<6.4**	ug/L	21.2	6.4	20		06/24/20 12:35	100-41-4	
Hexachloro-1,3-butadiene	**<29.3**	ug/L	97.6	29.3	20		06/24/20 12:35	87-68-3	
Isopropylbenzene (Cumene)	**<33.7**	ug/L	112	33.7	20		06/24/20 12:35	98-82-8	
Methyl-tert-butyl ether	**<24.9**	ug/L	83.1	24.9	20		06/24/20 12:35	1634-04-4	
Methylene Chloride	**<11.6**	ug/L	100	11.6	20		06/24/20 12:35	75-09-2	
Naphthalene	**<23.5**	ug/L	100	23.5	20		06/24/20 12:35	91-20-3	
Styrene	**<60.2**	ug/L	201	60.2	20		06/24/20 12:35	100-42-5	
Tetrachloroethene	**<6.5**	ug/L	21.8	6.5	20		06/24/20 12:35	127-18-4	
Toluene	**<5.4**	ug/L	18.0	5.4	20		06/24/20 12:35	108-88-3	
Trichloroethene	**2030**	ug/L	20.0	5.1	20		06/24/20 12:35	79-01-6	
Trichlorofluoromethane	**<4.3**	ug/L	20.0	4.3	20		06/24/20 12:35	75-69-4	
Vinyl chloride	**13.0J**	ug/L	20.0	3.5	20		06/24/20 12:35	75-01-4	
cis-1,2-Dichloroethene	**2500**	ug/L	20.0	5.4	20		06/24/20 12:35	156-59-2	
cis-1,3-Dichloropropene	**<72.6**	ug/L	242	72.6	20		06/24/20 12:35	10061-01-5	
m&p-Xylene	**<9.3**	ug/L	40.0	9.3	20		06/24/20 12:35	179601-23-1	
n-Butylbenzene	**<14.2**	ug/L	47.2	14.2	20		06/24/20 12:35	104-51-8	
n-Propylbenzene	**<16.2**	ug/L	100	16.2	20		06/24/20 12:35	103-65-1	
o-Xylene	**<5.2**	ug/L	20.0	5.2	20		06/24/20 12:35	95-47-6	
p-Isopropyltoluene	**<16.0**	ug/L	53.3	16.0	20		06/24/20 12:35	99-87-6	
sec-Butylbenzene	**<17.0**	ug/L	100	17.0	20		06/24/20 12:35	135-98-8	
tert-Butylbenzene	**<6.1**	ug/L	20.3	6.1	20		06/24/20 12:35	98-06-6	
trans-1,2-Dichloroethene	**17.6J**	ug/L	30.9	9.3	20		06/24/20 12:35	156-60-5	
trans-1,3-Dichloropropene	**<87.4**	ug/L	291	87.4	20		06/24/20 12:35	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		20		06/24/20 12:35	460-00-4	
Dibromofluoromethane (S)	85	%	70-130		20		06/24/20 12:35	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: RW-7 **Lab ID: 40209814013** Collected: 06/18/20 11:10 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
Toluene-d8 (S)	103	%	70-130		20		06/24/20 12:35	2037-26-5	

Sample: RW-15 **Lab ID: 40209814014** Collected: 06/18/20 12:13 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/25/20 01:15	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/25/20 01:15	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/25/20 01:15	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/25/20 01:15	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		06/25/20 01:15	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/25/20 01:15	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/25/20 01:15	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/25/20 01:15	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/25/20 01:15	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/25/20 01:15	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/25/20 01:15	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/25/20 01:15	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/25/20 01:15	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/25/20 01:15	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/25/20 01:15	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/25/20 01:15	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/25/20 01:15	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/25/20 01:15	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/25/20 01:15	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/25/20 01:15	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/25/20 01:15	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/25/20 01:15	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/25/20 01:15	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/25/20 01:15	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/25/20 01:15	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/25/20 01:15	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/25/20 01:15	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/25/20 01:15	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/25/20 01:15	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/25/20 01:15	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/25/20 01:15	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/25/20 01:15	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/25/20 01:15	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/25/20 01:15	74-87-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: RW-15 **Lab ID: 40209814014** Collected: 06/18/20 12:13 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/25/20 01:15	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/25/20 01:15	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/25/20 01:15	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/25/20 01:15	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/25/20 01:15	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/25/20 01:15	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/25/20 01:15	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/25/20 01:15	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/25/20 01:15	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/25/20 01:15	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/25/20 01:15	100-42-5	
Tetrachloroethene	**0.36J**	ug/L	1.1	0.33	1		06/25/20 01:15	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/25/20 01:15	108-88-3	
Trichloroethene	**11.4**	ug/L	1.0	0.26	1		06/25/20 01:15	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/25/20 01:15	75-69-4	
Vinyl chloride	**1.0**	ug/L	1.0	0.17	1		06/25/20 01:15	75-01-4	
cis-1,2-Dichloroethene	**6.3**	ug/L	1.0	0.27	1		06/25/20 01:15	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/25/20 01:15	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/25/20 01:15	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/25/20 01:15	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/25/20 01:15	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/25/20 01:15	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/25/20 01:15	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/25/20 01:15	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/25/20 01:15	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/25/20 01:15	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/25/20 01:15	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	83	%	70-130		1		06/25/20 01:15	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		06/25/20 01:15	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		06/25/20 01:15	2037-26-5	

Sample: RW-14 **Lab ID: 40209814015** Collected: 06/18/20 12:43 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<2.7**	ug/L	10.0	2.7	10		06/23/20 23:40	630-20-6	
1,1,1-Trichloroethane	**15.8**	ug/L	10.0	2.4	10		06/23/20 23:40	71-55-6	
1,1,2,2-Tetrachloroethane	**<2.8**	ug/L	10.0	2.8	10		06/23/20 23:40	79-34-5	
1,1,2-Trichloroethane	**<5.5**	ug/L	50.0	5.5	10		06/23/20 23:40	79-00-5	
1,1-Dichloroethane	**9.6J**	ug/L	10.0	2.7	10		06/23/20 23:40	75-34-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: RW-14 **Lab ID: 40209814015** Collected: 06/18/20 12:43 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1-Dichloroethene	**4.5J**	ug/L	10.0	2.4	10		06/23/20 23:40	75-35-4	
1,1-Dichloropropene	**<5.4**	ug/L	18.0	5.4	10		06/23/20 23:40	563-58-6	
1,2,3-Trichlorobenzene	**<22.1**	ug/L	73.7	22.1	10		06/23/20 23:40	87-61-6	
1,2,3-Trichloropropane	**<5.9**	ug/L	50.0	5.9	10		06/23/20 23:40	96-18-4	
1,2,4-Trichlorobenzene	**<9.5**	ug/L	50.0	9.5	10		06/23/20 23:40	120-82-1	
1,2,4-Trimethylbenzene	**<8.4**	ug/L	28.0	8.4	10		06/23/20 23:40	95-63-6	
1,2-Dibromo-3-chloropropane	**<17.6**	ug/L	58.8	17.6	10		06/23/20 23:40	96-12-8	
1,2-Dibromoethane (EDB)	**<8.3**	ug/L	27.6	8.3	10		06/23/20 23:40	106-93-4	
1,2-Dichlorobenzene	**<7.1**	ug/L	23.5	7.1	10		06/23/20 23:40	95-50-1	
1,2-Dichloroethane	**<2.8**	ug/L	10.0	2.8	10		06/23/20 23:40	107-06-2	
1,2-Dichloropropane	**<2.8**	ug/L	10.0	2.8	10		06/23/20 23:40	78-87-5	
1,3,5-Trimethylbenzene	**<8.7**	ug/L	29.1	8.7	10		06/23/20 23:40	108-67-8	
1,3-Dichlorobenzene	**<6.3**	ug/L	20.9	6.3	10		06/23/20 23:40	541-73-1	
1,3-Dichloropropane	**<8.3**	ug/L	27.5	8.3	10		06/23/20 23:40	142-28-9	
1,4-Dichlorobenzene	**<9.4**	ug/L	31.5	9.4	10		06/23/20 23:40	106-46-7	
2,2-Dichloropropane	**<22.7**	ug/L	75.5	22.7	10		06/23/20 23:40	594-20-7	
2-Chlorotoluene	**<9.3**	ug/L	50.0	9.3	10		06/23/20 23:40	95-49-8	
4-Chlorotoluene	**<7.6**	ug/L	25.2	7.6	10		06/23/20 23:40	106-43-4	
Benzene	**<2.5**	ug/L	10.0	2.5	10		06/23/20 23:40	71-43-2	L3
Bromobenzene	**<2.4**	ug/L	10.0	2.4	10		06/23/20 23:40	108-86-1	
Bromochloromethane	**<3.6**	ug/L	50.0	3.6	10		06/23/20 23:40	74-97-5	
Bromodichloromethane	**<3.6**	ug/L	12.1	3.6	10		06/23/20 23:40	75-27-4	
Bromoform	**<39.7**	ug/L	132	39.7	10		06/23/20 23:40	75-25-2	
Bromomethane	**<9.7**	ug/L	50.0	9.7	10		06/23/20 23:40	74-83-9	
Carbon tetrachloride	**<10.8**	ug/L	35.9	10.8	10		06/23/20 23:40	56-23-5	
Chlorobenzene	**<7.1**	ug/L	23.7	7.1	10		06/23/20 23:40	108-90-7	
Chloroethane	**<13.4**	ug/L	50.0	13.4	10		06/23/20 23:40	75-00-3	
Chloroform	**<12.7**	ug/L	50.0	12.7	10		06/23/20 23:40	67-66-3	
Chloromethane	**<21.9**	ug/L	73.0	21.9	10		06/23/20 23:40	74-87-3	
Dibromochloromethane	**<26.0**	ug/L	86.7	26.0	10		06/23/20 23:40	124-48-1	
Dibromomethane	**<9.4**	ug/L	31.2	9.4	10		06/23/20 23:40	74-95-3	
Dichlorodifluoromethane	**<5.0**	ug/L	50.0	5.0	10		06/23/20 23:40	75-71-8	
Diisopropyl ether	**<18.9**	ug/L	62.9	18.9	10		06/23/20 23:40	108-20-3	
Ethylbenzene	**<3.2**	ug/L	10.6	3.2	10		06/23/20 23:40	100-41-4	
Hexachloro-1,3-butadiene	**<14.6**	ug/L	48.8	14.6	10		06/23/20 23:40	87-68-3	
Isopropylbenzene (Cumene)	**<16.9**	ug/L	56.2	16.9	10		06/23/20 23:40	98-82-8	
Methyl-tert-butyl ether	**<12.5**	ug/L	41.5	12.5	10		06/23/20 23:40	1634-04-4	
Methylene Chloride	**<5.8**	ug/L	50.0	5.8	10		06/23/20 23:40	75-09-2	
Naphthalene	**93.6**	ug/L	50.0	11.8	10		06/23/20 23:40	91-20-3	
Styrene	**<30.1**	ug/L	100	30.1	10		06/23/20 23:40	100-42-5	
Tetrachloroethene	**<3.3**	ug/L	10.9	3.3	10		06/23/20 23:40	127-18-4	
Toluene	**<2.7**	ug/L	9.0	2.7	10		06/23/20 23:40	108-88-3	
Trichloroethene	**90.2**	ug/L	10.0	2.6	10		06/23/20 23:40	79-01-6	
Trichlorofluoromethane	**<2.1**	ug/L	10.0	2.1	10		06/23/20 23:40	75-69-4	
Vinyl chloride	**982**	ug/L	10.0	1.7	10		06/23/20 23:40	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: RW-14 **Lab ID: 40209814015** Collected: 06/18/20 12:43 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	**1580**	ug/L	10.0	2.7	10		06/23/20 23:40	156-59-2	
cis-1,3-Dichloropropene	**<36.3**	ug/L	121	36.3	10		06/23/20 23:40	10061-01-5	
m&p-Xylene	**<4.7**	ug/L	20.0	4.7	10		06/23/20 23:40	179601-23-1	
n-Butylbenzene	**<7.1**	ug/L	23.6	7.1	10		06/23/20 23:40	104-51-8	
n-Propylbenzene	**<8.1**	ug/L	50.0	8.1	10		06/23/20 23:40	103-65-1	
o-Xylene	**<2.6**	ug/L	10.0	2.6	10		06/23/20 23:40	95-47-6	
p-Isopropyltoluene	**<8.0**	ug/L	26.7	8.0	10		06/23/20 23:40	99-87-6	
sec-Butylbenzene	**<8.5**	ug/L	50.0	8.5	10		06/23/20 23:40	135-98-8	
tert-Butylbenzene	**<3.0**	ug/L	10.1	3.0	10		06/23/20 23:40	98-06-6	
trans-1,2-Dichloroethene	**11.0J**	ug/L	15.5	4.6	10		06/23/20 23:40	156-60-5	
trans-1,3-Dichloropropene	**<43.7**	ug/L	146	43.7	10		06/23/20 23:40	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		10		06/23/20 23:40	460-00-4	
Dibromofluoromethane (S)	82	%	70-130		10		06/23/20 23:40	1868-53-7	
Toluene-d8 (S)	95	%	70-130		10		06/23/20 23:40	2037-26-5	

Sample: RW-13 **Lab ID: 40209814016** Collected: 06/18/20 13:15 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.67**	ug/L	2.5	0.67	2.5		06/24/20 11:58	630-20-6	
1,1,1-Trichloroethane	**<0.61**	ug/L	2.5	0.61	2.5		06/24/20 11:58	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.69**	ug/L	2.5	0.69	2.5		06/24/20 11:58	79-34-5	
1,1,2-Trichloroethane	**<1.4**	ug/L	12.5	1.4	2.5		06/24/20 11:58	79-00-5	
1,1-Dichloroethane	**5.4**	ug/L	2.5	0.68	2.5		06/24/20 11:58	75-34-3	
1,1-Dichloroethene	**2.2J**	ug/L	2.5	0.61	2.5		06/24/20 11:58	75-35-4	
1,1-Dichloropropene	**<1.4**	ug/L	4.5	1.4	2.5		06/24/20 11:58	563-58-6	
1,2,3-Trichlorobenzene	**<5.5**	ug/L	18.4	5.5	2.5		06/24/20 11:58	87-61-6	
1,2,3-Trichloropropane	**<1.5**	ug/L	12.5	1.5	2.5		06/24/20 11:58	96-18-4	
1,2,4-Trichlorobenzene	**<2.4**	ug/L	12.5	2.4	2.5		06/24/20 11:58	120-82-1	
1,2,4-Trimethylbenzene	**<2.1**	ug/L	7.0	2.1	2.5		06/24/20 11:58	95-63-6	
1,2-Dibromo-3-chloropropane	**<4.4**	ug/L	14.7	4.4	2.5		06/24/20 11:58	96-12-8	
1,2-Dibromoethane (EDB)	**<2.1**	ug/L	6.9	2.1	2.5		06/24/20 11:58	106-93-4	
1,2-Dichlorobenzene	**<1.8**	ug/L	5.9	1.8	2.5		06/24/20 11:58	95-50-1	
1,2-Dichloroethane	**<0.70**	ug/L	2.5	0.70	2.5		06/24/20 11:58	107-06-2	
1,2-Dichloropropane	**<0.71**	ug/L	2.5	0.71	2.5		06/24/20 11:58	78-87-5	
1,3,5-Trimethylbenzene	**<2.2**	ug/L	7.3	2.2	2.5		06/24/20 11:58	108-67-8	
1,3-Dichlorobenzene	**<1.6**	ug/L	5.2	1.6	2.5		06/24/20 11:58	541-73-1	
1,3-Dichloropropane	**<2.1**	ug/L	6.9	2.1	2.5		06/24/20 11:58	142-28-9	
1,4-Dichlorobenzene	**<2.4**	ug/L	7.9	2.4	2.5		06/24/20 11:58	106-46-7	
2,2-Dichloropropane	**<5.7**	ug/L	18.9	5.7	2.5		06/24/20 11:58	594-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: RW-13 **Lab ID: 40209814016** Collected: 06/18/20 13:15 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
2-Chlorotoluene	**<2.3**	ug/L	12.5	2.3	2.5		06/24/20 11:58	95-49-8	
4-Chlorotoluene	**<1.9**	ug/L	6.3	1.9	2.5		06/24/20 11:58	106-43-4	
Benzene	**<0.62**	ug/L	2.5	0.62	2.5		06/24/20 11:58	71-43-2	L3
Bromobenzene	**<0.60**	ug/L	2.5	0.60	2.5		06/24/20 11:58	108-86-1	
Bromochloromethane	**<0.91**	ug/L	12.5	0.91	2.5		06/24/20 11:58	74-97-5	
Bromodichloromethane	**<0.91**	ug/L	3.0	0.91	2.5		06/24/20 11:58	75-27-4	
Bromoform	**<9.9**	ug/L	33.1	9.9	2.5		06/24/20 11:58	75-25-2	
Bromomethane	**<2.4**	ug/L	12.5	2.4	2.5		06/24/20 11:58	74-83-9	
Carbon tetrachloride	**<2.7**	ug/L	9.0	2.7	2.5		06/24/20 11:58	56-23-5	
Chlorobenzene	**<1.8**	ug/L	5.9	1.8	2.5		06/24/20 11:58	108-90-7	
Chloroethane	**<3.4**	ug/L	12.5	3.4	2.5		06/24/20 11:58	75-00-3	
Chloroform	**<3.2**	ug/L	12.5	3.2	2.5		06/24/20 11:58	67-66-3	
Chloromethane	**<5.5**	ug/L	18.2	5.5	2.5		06/24/20 11:58	74-87-3	
Dibromochloromethane	**<6.5**	ug/L	21.7	6.5	2.5		06/24/20 11:58	124-48-1	
Dibromomethane	**<2.3**	ug/L	7.8	2.3	2.5		06/24/20 11:58	74-95-3	
Dichlorodifluoromethane	**<1.2**	ug/L	12.5	1.2	2.5		06/24/20 11:58	75-71-8	
Diisopropyl ether	**<4.7**	ug/L	15.7	4.7	2.5		06/24/20 11:58	108-20-3	
Ethylbenzene	**<0.80**	ug/L	2.7	0.80	2.5		06/24/20 11:58	100-41-4	
Hexachloro-1,3-butadiene	**<3.7**	ug/L	12.2	3.7	2.5		06/24/20 11:58	87-68-3	
Isopropylbenzene (Cumene)	**<4.2**	ug/L	14.0	4.2	2.5		06/24/20 11:58	98-82-8	
Methyl-tert-butyl ether	**<3.1**	ug/L	10.4	3.1	2.5		06/24/20 11:58	1634-04-4	
Methylene Chloride	**<1.5**	ug/L	12.5	1.5	2.5		06/24/20 11:58	75-09-2	
Naphthalene	**<2.9**	ug/L	12.5	2.9	2.5		06/24/20 11:58	91-20-3	
Styrene	**<7.5**	ug/L	25.1	7.5	2.5		06/24/20 11:58	100-42-5	
Tetrachloroethene	**<0.82**	ug/L	2.7	0.82	2.5		06/24/20 11:58	127-18-4	
Toluene	**<0.67**	ug/L	2.2	0.67	2.5		06/24/20 11:58	108-88-3	
Trichloroethene	**119**	ug/L	2.5	0.64	2.5		06/24/20 11:58	79-01-6	
Trichlorofluoromethane	**<0.54**	ug/L	2.5	0.54	2.5		06/24/20 11:58	75-69-4	
Vinyl chloride	**43.5**	ug/L	2.5	0.44	2.5		06/24/20 11:58	75-01-4	
cis-1,2-Dichloroethene	**562**	ug/L	2.5	0.68	2.5		06/24/20 11:58	156-59-2	
cis-1,3-Dichloropropene	**<9.1**	ug/L	30.2	9.1	2.5		06/24/20 11:58	10061-01-5	
m&p-Xylene	**<1.2**	ug/L	5.0	1.2	2.5		06/24/20 11:58	179601-23-1	
n-Butylbenzene	**<1.8**	ug/L	5.9	1.8	2.5		06/24/20 11:58	104-51-8	
n-Propylbenzene	**<2.0**	ug/L	12.5	2.0	2.5		06/24/20 11:58	103-65-1	
o-Xylene	**<0.65**	ug/L	2.5	0.65	2.5		06/24/20 11:58	95-47-6	
p-Isopropyltoluene	**<2.0**	ug/L	6.7	2.0	2.5		06/24/20 11:58	99-87-6	
sec-Butylbenzene	**<2.1**	ug/L	12.5	2.1	2.5		06/24/20 11:58	135-98-8	
tert-Butylbenzene	**<0.76**	ug/L	2.5	0.76	2.5		06/24/20 11:58	98-06-6	
trans-1,2-Dichloroethene	**4.3**	ug/L	3.9	1.2	2.5		06/24/20 11:58	156-60-5	
trans-1,3-Dichloropropene	**<10.9**	ug/L	36.4	10.9	2.5		06/24/20 11:58	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		2.5		06/24/20 11:58	460-00-4	
Dibromofluoromethane (S)	89	%	70-130		2.5		06/24/20 11:58	1868-53-7	
Toluene-d8 (S)	104	%	70-130		2.5		06/24/20 11:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: RW-12 **Lab ID: 40209814017** Collected: 06/18/20 13:48 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/23/20 14:08	630-20-6	
1,1,1-Trichloroethane	**0.31J**	ug/L	1.0	0.24	1		06/23/20 14:08	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/23/20 14:08	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/23/20 14:08	79-00-5	
1,1-Dichloroethane	**5.6**	ug/L	1.0	0.27	1		06/23/20 14:08	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/23/20 14:08	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/23/20 14:08	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/23/20 14:08	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/23/20 14:08	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/23/20 14:08	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/23/20 14:08	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/23/20 14:08	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/23/20 14:08	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/23/20 14:08	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/23/20 14:08	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/23/20 14:08	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/23/20 14:08	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/23/20 14:08	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/23/20 14:08	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/23/20 14:08	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/23/20 14:08	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/23/20 14:08	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/23/20 14:08	106-43-4	
Benzene	**0.45J**	ug/L	1.0	0.25	1		06/23/20 14:08	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/23/20 14:08	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/23/20 14:08	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/23/20 14:08	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/23/20 14:08	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/23/20 14:08	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/23/20 14:08	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/23/20 14:08	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/23/20 14:08	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/23/20 14:08	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/23/20 14:08	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/23/20 14:08	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/23/20 14:08	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/23/20 14:08	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/23/20 14:08	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/23/20 14:08	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/23/20 14:08	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/23/20 14:08	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/23/20 14:08	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/23/20 14:08	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/23/20 14:08	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/23/20 14:08	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: RW-12 **Lab ID: 40209814017** Collected: 06/18/20 13:48 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/23/20 14:08	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/23/20 14:08	108-88-3	
Trichloroethene	**1.8**	ug/L	1.0	0.26	1		06/23/20 14:08	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/23/20 14:08	75-69-4	
Vinyl chloride	**2.4**	ug/L	1.0	0.17	1		06/23/20 14:08	75-01-4	
cis-1,2-Dichloroethene	**1.6**	ug/L	1.0	0.27	1		06/23/20 14:08	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/23/20 14:08	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/23/20 14:08	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/23/20 14:08	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/23/20 14:08	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/23/20 14:08	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/23/20 14:08	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/23/20 14:08	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/23/20 14:08	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/23/20 14:08	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/23/20 14:08	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/23/20 14:08	460-00-4	HS
Dibromofluoromethane (S)	85	%	70-130		1		06/23/20 14:08	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		06/23/20 14:08	2037-26-5	

Sample: DUP-4 **Lab ID: 40209814018** Collected: 06/18/20 00:00 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.54**	ug/L	2.0	0.54	2		06/25/20 02:50	630-20-6	
1,1,1-Trichloroethane	**<0.49**	ug/L	2.0	0.49	2		06/25/20 02:50	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.55**	ug/L	2.0	0.55	2		06/25/20 02:50	79-34-5	
1,1,2-Trichloroethane	**<1.1**	ug/L	10.0	1.1	2		06/25/20 02:50	79-00-5	
1,1-Dichloroethane	**2.0**	ug/L	2.0	0.55	2		06/25/20 02:50	75-34-3	
1,1-Dichloroethene	**1.2J**	ug/L	2.0	0.49	2		06/25/20 02:50	75-35-4	
1,1-Dichloropropene	**<1.1**	ug/L	3.6	1.1	2		06/25/20 02:50	563-58-6	
1,2,3-Trichlorobenzene	**<4.4**	ug/L	14.7	4.4	2		06/25/20 02:50	87-61-6	
1,2,3-Trichloropropane	**<1.2**	ug/L	10.0	1.2	2		06/25/20 02:50	96-18-4	
1,2,4-Trichlorobenzene	**<1.9**	ug/L	10.0	1.9	2		06/25/20 02:50	120-82-1	
1,2,4-Trimethylbenzene	**<1.7**	ug/L	5.6	1.7	2		06/25/20 02:50	95-63-6	
1,2-Dibromo-3-chloropropane	**<3.5**	ug/L	11.8	3.5	2		06/25/20 02:50	96-12-8	
1,2-Dibromoethane (EDB)	**<1.7**	ug/L	5.5	1.7	2		06/25/20 02:50	106-93-4	
1,2-Dichlorobenzene	**<1.4**	ug/L	4.7	1.4	2		06/25/20 02:50	95-50-1	
1,2-Dichloroethane	**<0.56**	ug/L	2.0	0.56	2		06/25/20 02:50	107-06-2	
1,2-Dichloropropane	**<0.57**	ug/L	2.0	0.57	2		06/25/20 02:50	78-87-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: DUP-4 **Lab ID: 40209814018** Collected: 06/18/20 00:00 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,3,5-Trimethylbenzene	**<1.7**	ug/L	5.8	1.7	2		06/25/20 02:50	108-67-8	
1,3-Dichlorobenzene	**<1.3**	ug/L	4.2	1.3	2		06/25/20 02:50	541-73-1	
1,3-Dichloropropane	**<1.7**	ug/L	5.5	1.7	2		06/25/20 02:50	142-28-9	
1,4-Dichlorobenzene	**<1.9**	ug/L	6.3	1.9	2		06/25/20 02:50	106-46-7	
2,2-Dichloropropane	**<4.5**	ug/L	15.1	4.5	2		06/25/20 02:50	594-20-7	
2-Chlorotoluene	**<1.9**	ug/L	10.0	1.9	2		06/25/20 02:50	95-49-8	
4-Chlorotoluene	**<1.5**	ug/L	5.0	1.5	2		06/25/20 02:50	106-43-4	
Benzene	**<0.49**	ug/L	2.0	0.49	2		06/25/20 02:50	71-43-2	
Bromobenzene	**<0.48**	ug/L	2.0	0.48	2		06/25/20 02:50	108-86-1	
Bromochloromethane	**<0.72**	ug/L	10.0	0.72	2		06/25/20 02:50	74-97-5	
Bromodichloromethane	**<0.73**	ug/L	2.4	0.73	2		06/25/20 02:50	75-27-4	
Bromoform	**<7.9**	ug/L	26.5	7.9	2		06/25/20 02:50	75-25-2	
Bromomethane	**<1.9**	ug/L	10.0	1.9	2		06/25/20 02:50	74-83-9	
Carbon tetrachloride	**<2.2**	ug/L	7.2	2.2	2		06/25/20 02:50	56-23-5	
Chlorobenzene	**<1.4**	ug/L	4.7	1.4	2		06/25/20 02:50	108-90-7	
Chloroethane	**<2.7**	ug/L	10.0	2.7	2		06/25/20 02:50	75-00-3	
Chloroform	**<2.5**	ug/L	10.0	2.5	2		06/25/20 02:50	67-66-3	
Chloromethane	**<4.4**	ug/L	14.6	4.4	2		06/25/20 02:50	74-87-3	
Dibromochloromethane	**<5.2**	ug/L	17.3	5.2	2		06/25/20 02:50	124-48-1	
Dibromomethane	**<1.9**	ug/L	6.2	1.9	2		06/25/20 02:50	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	10.0	1.0	2		06/25/20 02:50	75-71-8	
Diisopropyl ether	**<3.8**	ug/L	12.6	3.8	2		06/25/20 02:50	108-20-3	
Ethylbenzene	**<0.64**	ug/L	2.1	0.64	2		06/25/20 02:50	100-41-4	
Hexachloro-1,3-butadiene	**<2.9**	ug/L	9.8	2.9	2		06/25/20 02:50	87-68-3	
Isopropylbenzene (Cumene)	**<3.4**	ug/L	11.2	3.4	2		06/25/20 02:50	98-82-8	
Methyl-tert-butyl ether	**<2.5**	ug/L	8.3	2.5	2		06/25/20 02:50	1634-04-4	
Methylene Chloride	**<1.2**	ug/L	10.0	1.2	2		06/25/20 02:50	75-09-2	
Naphthalene	**<2.4**	ug/L	10.0	2.4	2		06/25/20 02:50	91-20-3	
Styrene	**<6.0**	ug/L	20.1	6.0	2		06/25/20 02:50	100-42-5	
Tetrachloroethene	**<0.65**	ug/L	2.2	0.65	2		06/25/20 02:50	127-18-4	
Toluene	**<0.54**	ug/L	1.8	0.54	2		06/25/20 02:50	108-88-3	
Trichloroethene	**64.8**	ug/L	2.0	0.51	2		06/25/20 02:50	79-01-6	
Trichlorofluoromethane	**<0.43**	ug/L	2.0	0.43	2		06/25/20 02:50	75-69-4	
Vinyl chloride	**25.8**	ug/L	2.0	0.35	2		06/25/20 02:50	75-01-4	
cis-1,2-Dichloroethene	**233**	ug/L	2.0	0.54	2		06/25/20 02:50	156-59-2	
cis-1,3-Dichloropropene	**<7.3**	ug/L	24.2	7.3	2		06/25/20 02:50	10061-01-5	
m&p-Xylene	**<0.93**	ug/L	4.0	0.93	2		06/25/20 02:50	179601-23-1	
n-Butylbenzene	**<1.4**	ug/L	4.7	1.4	2		06/25/20 02:50	104-51-8	
n-Propylbenzene	**<1.6**	ug/L	10.0	1.6	2		06/25/20 02:50	103-65-1	
o-Xylene	**<0.52**	ug/L	2.0	0.52	2		06/25/20 02:50	95-47-6	
p-Isopropyltoluene	**<1.6**	ug/L	5.3	1.6	2		06/25/20 02:50	99-87-6	
sec-Butylbenzene	**<1.7**	ug/L	10.0	1.7	2		06/25/20 02:50	135-98-8	
tert-Butylbenzene	**<0.61**	ug/L	2.0	0.61	2		06/25/20 02:50	98-06-6	
trans-1,2-Dichloroethene	**3.1J**	ug/L	3.1	0.93	2		06/25/20 02:50	156-60-5	
trans-1,3-Dichloropropene	**<8.7**	ug/L	29.1	8.7	2		06/25/20 02:50	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: DUP-4 **Lab ID: 40209814018** Collected: 06/18/20 00:00 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
4-Bromofluorobenzene (S)	84	%	70-130		2		06/25/20 02:50	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		2		06/25/20 02:50	1868-53-7	
Toluene-d8 (S)	95	%	70-130		2		06/25/20 02:50	2037-26-5	

Sample: TRIP **Lab ID: 40209814019** Collected: 06/18/20 00:00 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/22/20 23:46	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/22/20 23:46	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/22/20 23:46	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/22/20 23:46	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		06/22/20 23:46	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/22/20 23:46	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/22/20 23:46	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/22/20 23:46	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/22/20 23:46	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/22/20 23:46	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/22/20 23:46	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/22/20 23:46	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/22/20 23:46	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/22/20 23:46	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/22/20 23:46	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/22/20 23:46	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/22/20 23:46	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/22/20 23:46	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/22/20 23:46	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/22/20 23:46	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/22/20 23:46	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/22/20 23:46	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/22/20 23:46	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/22/20 23:46	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/22/20 23:46	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/22/20 23:46	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/22/20 23:46	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/22/20 23:46	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/22/20 23:46	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/22/20 23:46	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/22/20 23:46	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/22/20 23:46	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Sample: TRIP **Lab ID: 40209814019** Collected: 06/18/20 00:00 Received: 06/19/20 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/22/20 23:46	67-66-3	
Chloromethane	**2.3J**	ug/L	7.3	2.2	1		06/22/20 23:46	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/22/20 23:46	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/22/20 23:46	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/22/20 23:46	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/22/20 23:46	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/22/20 23:46	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/22/20 23:46	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/22/20 23:46	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/22/20 23:46	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/22/20 23:46	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/22/20 23:46	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/22/20 23:46	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/22/20 23:46	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/22/20 23:46	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/22/20 23:46	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/22/20 23:46	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/22/20 23:46	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		06/22/20 23:46	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/22/20 23:46	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/22/20 23:46	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/22/20 23:46	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/22/20 23:46	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/22/20 23:46	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/22/20 23:46	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/22/20 23:46	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/22/20 23:46	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/22/20 23:46	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/22/20 23:46	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	70-130		1		06/22/20 23:46	460-00-4	HS
Dibromofluoromethane (S)	82	%	70-130		1		06/22/20 23:46	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		06/22/20 23:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

QC Batch: 358741
QC Batch Method: EPA 8015B Modified
Analysis Method: EPA 8015B Modified
Analysis Description: Methane, Ethane, Ethene GCV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209814011, 40209814012

METHOD BLANK: 2075118 Matrix: Water
Associated Lab Samples: 40209814011, 40209814012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<1.2	5.6	06/26/20 09:07	
Ethene	ug/L	<1.2	5.0	06/26/20 09:07	
Methane	ug/L	<0.66	2.8	06/26/20 09:07	

LABORATORY CONTROL SAMPLE & LCSD: 2075119 2075120

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	46.4	48.2	87	90	80-120	4	20	
Ethene	ug/L	50	42.8	44.4	86	89	80-120	4	20	
Methane	ug/L	28.6	23.3	24.3	81	85	79-120	4	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2075185 2075186

Parameter	Units	40209672007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Ethane	ug/L	<1.2	53.6	53.6	46.4	47.5	87	89	79-120	2	20	
Ethene	ug/L	<1.2	50	50	43.0	44.1	86	88	79-120	2	20	
Methane	ug/L	<0.66	28.6	28.6	23.4	24.0	82	84	10-200	3	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

QC Batch: 358314
QC Batch Method: EPA 6010
Analysis Method: EPA 6010
Analysis Description: ICP Metals, Trace, Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209814011, 40209814012

METHOD BLANK: 2072706 Matrix: Water
Associated Lab Samples: 40209814011, 40209814012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Dissolved	ug/L	<29.6	100	06/23/20 10:33	

LABORATORY CONTROL SAMPLE: 2072707

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	5000	4920	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2072708 2072709

Parameter	Units	40209670003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron, Dissolved	ug/L	0.77 mg/L	5000	5000	5680	5650	98	97	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

QC Batch: 358229
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209814001, 40209814002, 40209814003

METHOD BLANK: 2072491 Matrix: Water
Associated Lab Samples: 40209814001, 40209814002, 40209814003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	06/22/20 07:09	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	06/22/20 07:09	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	06/22/20 07:09	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	06/22/20 07:09	
1,1-Dichloroethane	ug/L	<0.27	1.0	06/22/20 07:09	
1,1-Dichloroethene	ug/L	<0.24	1.0	06/22/20 07:09	
1,1-Dichloropropene	ug/L	<0.54	1.8	06/22/20 07:09	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	06/22/20 07:09	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	06/22/20 07:09	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	06/22/20 07:09	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	06/22/20 07:09	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	06/22/20 07:09	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	06/22/20 07:09	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	06/22/20 07:09	
1,2-Dichloroethane	ug/L	<0.28	1.0	06/22/20 07:09	
1,2-Dichloropropane	ug/L	<0.28	1.0	06/22/20 07:09	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	06/22/20 07:09	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	06/22/20 07:09	
1,3-Dichloropropane	ug/L	<0.83	2.8	06/22/20 07:09	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	06/22/20 07:09	
2,2-Dichloropropane	ug/L	<2.3	7.6	06/22/20 07:09	
2-Chlorotoluene	ug/L	<0.93	5.0	06/22/20 07:09	
4-Chlorotoluene	ug/L	<0.76	2.5	06/22/20 07:09	
Benzene	ug/L	<0.25	1.0	06/22/20 07:09	
Bromobenzene	ug/L	<0.24	1.0	06/22/20 07:09	
Bromochloromethane	ug/L	<0.36	5.0	06/22/20 07:09	
Bromodichloromethane	ug/L	<0.36	1.2	06/22/20 07:09	
Bromoform	ug/L	<4.0	13.2	06/22/20 07:09	
Bromomethane	ug/L	<0.97	5.0	06/22/20 07:09	
Carbon tetrachloride	ug/L	<1.1	3.6	06/22/20 07:09	
Chlorobenzene	ug/L	<0.71	2.4	06/22/20 07:09	
Chloroethane	ug/L	<1.3	5.0	06/22/20 07:09	
Chloroform	ug/L	<1.3	5.0	06/22/20 07:09	
Chloromethane	ug/L	<2.2	7.3	06/22/20 07:09	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	06/22/20 07:09	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	06/22/20 07:09	
Dibromochloromethane	ug/L	<2.6	8.7	06/22/20 07:09	
Dibromomethane	ug/L	<0.94	3.1	06/22/20 07:09	
Dichlorodifluoromethane	ug/L	<0.50	5.0	06/22/20 07:09	
Diisopropyl ether	ug/L	<1.9	6.3	06/22/20 07:09	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

METHOD BLANK: 2072491 Matrix: Water
Associated Lab Samples: 40209814001, 40209814002, 40209814003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.32	1.1	06/22/20 07:09	
Hexachloro-1,3-butadiene	ug/L	2.0J	4.9	06/22/20 07:09	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	06/22/20 07:09	
m&p-Xylene	ug/L	<0.47	2.0	06/22/20 07:09	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	06/22/20 07:09	
Methylene Chloride	ug/L	<0.58	5.0	06/22/20 07:09	
n-Butylbenzene	ug/L	<0.71	2.4	06/22/20 07:09	
n-Propylbenzene	ug/L	<0.81	5.0	06/22/20 07:09	
Naphthalene	ug/L	<1.2	5.0	06/22/20 07:09	
o-Xylene	ug/L	<0.26	1.0	06/22/20 07:09	
p-Isopropyltoluene	ug/L	<0.80	2.7	06/22/20 07:09	
sec-Butylbenzene	ug/L	<0.85	5.0	06/22/20 07:09	
Styrene	ug/L	<3.0	10.0	06/22/20 07:09	
tert-Butylbenzene	ug/L	<0.30	1.0	06/22/20 07:09	
Tetrachloroethene	ug/L	<0.33	1.1	06/22/20 07:09	
Toluene	ug/L	<0.27	0.90	06/22/20 07:09	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	06/22/20 07:09	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	06/22/20 07:09	
Trichloroethene	ug/L	<0.26	1.0	06/22/20 07:09	
Trichlorofluoromethane	ug/L	<0.21	1.0	06/22/20 07:09	
Vinyl chloride	ug/L	<0.17	1.0	06/22/20 07:09	
4-Bromofluorobenzene (S)	%	105	70-130	06/22/20 07:09	
Dibromofluoromethane (S)	%	93	70-130	06/22/20 07:09	
Toluene-d8 (S)	%	107	70-130	06/22/20 07:09	

LABORATORY CONTROL SAMPLE: 2072492

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	48.1	96	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.8	106	64-131	
1,1,2-Trichloroethane	ug/L	50	57.4	115	70-130	
1,1-Dichloroethane	ug/L	50	52.4	105	69-163	
1,1-Dichloroethene	ug/L	50	50.7	101	77-123	
1,2,4-Trichlorobenzene	ug/L	50	50.9	102	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	49.5	99	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	51.6	103	70-130	
1,2-Dichlorobenzene	ug/L	50	46.3	93	70-130	
1,2-Dichloroethane	ug/L	50	47.9	96	78-142	
1,2-Dichloropropane	ug/L	50	59.9	120	86-134	
1,3-Dichlorobenzene	ug/L	50	45.5	91	70-130	
1,4-Dichlorobenzene	ug/L	50	47.1	94	70-130	
Benzene	ug/L	50	50.0	100	70-130	
Bromodichloromethane	ug/L	50	61.3	123	70-130	
Bromoform	ug/L	50	51.6	103	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

LABORATORY CONTROL SAMPLE: 2072492

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	50	42.7	85	39-129	
Carbon tetrachloride	ug/L	50	49.0	98	70-132	
Chlorobenzene	ug/L	50	52.2	104	70-130	
Chloroethane	ug/L	50	50.4	101	66-140	
Chloroform	ug/L	50	49.7	99	75-132	
Chloromethane	ug/L	50	34.2	68	32-143	
cis-1,2-Dichloroethene	ug/L	50	46.8	94	70-130	
cis-1,3-Dichloropropene	ug/L	50	54.0	108	70-130	
Dibromochloromethane	ug/L	50	49.7	99	70-130	
Dichlorodifluoromethane	ug/L	50	29.8	60	10-141	
Ethylbenzene	ug/L	50	58.9	118	80-120	
Isopropylbenzene (Cumene)	ug/L	50	50.3	101	70-130	
m&p-Xylene	ug/L	100	111	111	70-130	
Methyl-tert-butyl ether	ug/L	50	45.6	91	61-129	
Methylene Chloride	ug/L	50	51.2	102	70-130	
o-Xylene	ug/L	50	54.8	110	70-130	
Styrene	ug/L	50	53.6	107	70-130	
Tetrachloroethene	ug/L	50	56.5	113	70-130	
Toluene	ug/L	50	57.5	115	80-120	
trans-1,2-Dichloroethene	ug/L	50	51.5	103	70-130	
trans-1,3-Dichloropropene	ug/L	50	49.5	99	69-130	
Trichloroethene	ug/L	50	59.6	119	70-130	
Trichlorofluoromethane	ug/L	50	51.6	103	75-145	
Vinyl chloride	ug/L	50	43.8	88	51-140	
4-Bromofluorobenzene (S)	%			116	70-130	
Dibromofluoromethane (S)	%			91	70-130	
Toluene-d8 (S)	%			107	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

QC Batch: 358247
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209814006, 40209814009, 40209814010, 40209814012, 40209814013, 40209814015, 40209814016

METHOD BLANK: 2072548
Matrix: Water
Associated Lab Samples: 40209814006, 40209814009, 40209814010, 40209814012, 40209814013, 40209814015, 40209814016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	06/23/20 13:47	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	06/23/20 13:47	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	06/23/20 13:47	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	06/23/20 13:47	
1,1-Dichloroethane	ug/L	<0.27	1.0	06/23/20 13:47	
1,1-Dichloroethene	ug/L	<0.24	1.0	06/23/20 13:47	
1,1-Dichloropropene	ug/L	<0.54	1.8	06/23/20 13:47	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	06/23/20 13:47	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	06/23/20 13:47	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	06/23/20 13:47	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	06/23/20 13:47	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	06/23/20 13:47	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	06/23/20 13:47	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	06/23/20 13:47	
1,2-Dichloroethane	ug/L	<0.28	1.0	06/23/20 13:47	
1,2-Dichloropropane	ug/L	<0.28	1.0	06/23/20 13:47	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	06/23/20 13:47	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	06/23/20 13:47	
1,3-Dichloropropane	ug/L	<0.83	2.8	06/23/20 13:47	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	06/23/20 13:47	
2,2-Dichloropropane	ug/L	<2.3	7.6	06/23/20 13:47	
2-Chlorotoluene	ug/L	<0.93	5.0	06/23/20 13:47	
4-Chlorotoluene	ug/L	<0.76	2.5	06/23/20 13:47	
Benzene	ug/L	<0.25	1.0	06/23/20 13:47	
Bromobenzene	ug/L	<0.24	1.0	06/23/20 13:47	
Bromochloromethane	ug/L	<0.36	5.0	06/23/20 13:47	
Bromodichloromethane	ug/L	<0.36	1.2	06/23/20 13:47	
Bromoform	ug/L	<4.0	13.2	06/23/20 13:47	
Bromomethane	ug/L	<0.97	5.0	06/23/20 13:47	
Carbon tetrachloride	ug/L	<1.1	3.6	06/23/20 13:47	
Chlorobenzene	ug/L	<0.71	2.4	06/23/20 13:47	
Chloroethane	ug/L	<1.3	5.0	06/23/20 13:47	
Chloroform	ug/L	<1.3	5.0	06/23/20 13:47	
Chloromethane	ug/L	<2.2	7.3	06/23/20 13:47	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	06/23/20 13:47	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	06/23/20 13:47	
Dibromochloromethane	ug/L	<2.6	8.7	06/23/20 13:47	
Dibromomethane	ug/L	<0.94	3.1	06/23/20 13:47	
Dichlorodifluoromethane	ug/L	<0.50	5.0	06/23/20 13:47	
Diisopropyl ether	ug/L	<1.9	6.3	06/23/20 13:47	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

METHOD BLANK: 2072548 Matrix: Water
Associated Lab Samples: 40209814006, 40209814009, 40209814010, 40209814012, 40209814013, 40209814015, 40209814016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.32	1.1	06/23/20 13:47	
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	06/23/20 13:47	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	06/23/20 13:47	
m&p-Xylene	ug/L	<0.47	2.0	06/23/20 13:47	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	06/23/20 13:47	
Methylene Chloride	ug/L	<0.58	5.0	06/23/20 13:47	
n-Butylbenzene	ug/L	<0.71	2.4	06/23/20 13:47	
n-Propylbenzene	ug/L	<0.81	5.0	06/23/20 13:47	
Naphthalene	ug/L	<1.2	5.0	06/23/20 13:47	
o-Xylene	ug/L	<0.26	1.0	06/23/20 13:47	
p-Isopropyltoluene	ug/L	<0.80	2.7	06/23/20 13:47	
sec-Butylbenzene	ug/L	<0.85	5.0	06/23/20 13:47	
Styrene	ug/L	<3.0	10.0	06/23/20 13:47	
tert-Butylbenzene	ug/L	<0.30	1.0	06/23/20 13:47	
Tetrachloroethene	ug/L	<0.33	1.1	06/23/20 13:47	
Toluene	ug/L	<0.27	0.90	06/23/20 13:47	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	06/23/20 13:47	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	06/23/20 13:47	
Trichloroethene	ug/L	<0.26	1.0	06/23/20 13:47	
Trichlorofluoromethane	ug/L	<0.21	1.0	06/23/20 13:47	
Vinyl chloride	ug/L	<0.17	1.0	06/23/20 13:47	
4-Bromofluorobenzene (S)	%	93	70-130	06/23/20 13:47	
Dibromofluoromethane (S)	%	81	70-130	06/23/20 13:47	
Toluene-d8 (S)	%	96	70-130	06/23/20 13:47	

LABORATORY CONTROL SAMPLE: 2072549

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	53.0	106	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	48.4	97	64-131	
1,1,2-Trichloroethane	ug/L	50	54.0	108	70-130	
1,1-Dichloroethane	ug/L	50	57.4	115	69-163	
1,1-Dichloroethene	ug/L	50	56.6	113	77-123	
1,2,4-Trichlorobenzene	ug/L	50	45.8	92	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	60.6	121	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	49.5	99	70-130	
1,2-Dichlorobenzene	ug/L	50	51.6	103	70-130	
1,2-Dichloroethane	ug/L	50	65.1	130	78-142	
1,2-Dichloropropane	ug/L	50	55.7	111	86-134	
1,3-Dichlorobenzene	ug/L	50	52.0	104	70-130	
1,4-Dichlorobenzene	ug/L	50	48.6	97	70-130	
Benzene	ug/L	50	67.4	135	70-130	L1
Bromodichloromethane	ug/L	50	55.3	111	70-130	
Bromoform	ug/L	50	46.9	94	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

LABORATORY CONTROL SAMPLE: 2072549

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	50	48.4	97	39-129	
Carbon tetrachloride	ug/L	50	57.6	115	70-132	
Chlorobenzene	ug/L	50	50.3	101	70-130	
Chloroethane	ug/L	50	51.4	103	66-140	
Chloroform	ug/L	50	55.7	111	75-132	
Chloromethane	ug/L	50	60.3	121	32-143	
cis-1,2-Dichloroethene	ug/L	50	53.3	107	70-130	
cis-1,3-Dichloropropene	ug/L	50	57.8	116	70-130	
Dibromochloromethane	ug/L	50	47.1	94	70-130	
Dichlorodifluoromethane	ug/L	50	53.2	106	10-141	
Ethylbenzene	ug/L	50	59.5	119	80-120	
Isopropylbenzene (Cumene)	ug/L	50	57.8	116	70-130	
m&p-Xylene	ug/L	100	109	109	70-130	
Methyl-tert-butyl ether	ug/L	50	54.6	109	61-129	
Methylene Chloride	ug/L	50	53.5	107	70-130	
o-Xylene	ug/L	50	55.9	112	70-130	
Styrene	ug/L	50	53.6	107	70-130	
Tetrachloroethene	ug/L	50	43.8	88	70-130	
Toluene	ug/L	50	54.7	109	80-120	
trans-1,2-Dichloroethene	ug/L	50	53.6	107	70-130	
trans-1,3-Dichloropropene	ug/L	50	54.6	109	69-130	
Trichloroethene	ug/L	50	59.5	119	70-130	
Trichlorofluoromethane	ug/L	50	56.1	112	75-145	
Vinyl chloride	ug/L	50	65.3	131	51-140	
4-Bromofluorobenzene (S)	%			106	70-130	
Dibromofluoromethane (S)	%			83	70-130	
Toluene-d8 (S)	%			103	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2073984 2073985

Parameter	Units	40209778004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.24	50	50	54.8	50.7	110	101	70-130	8	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	45.0	44.7	90	89	64-137	1	20	
1,1,2-Trichloroethane	ug/L	<0.55	50	50	53.0	51.5	106	103	70-137	3	20	
1,1-Dichloroethane	ug/L	<0.27	50	50	53.2	49.4	106	99	69-163	7	20	
1,1-Dichloroethene	ug/L	<0.24	50	50	55.7	52.3	111	105	77-129	6	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	51.9	51.6	104	103	68-130	1	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	54.8	55.0	110	110	60-130	0	20	
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	50.9	49.6	102	99	70-130	3	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	54.0	54.4	108	109	70-130	1	20	
1,2-Dichloroethane	ug/L	<0.28	50	50	60.6	56.3	121	113	78-145	7	20	
1,2-Dichloropropane	ug/L	<0.28	50	50	51.3	51.2	103	102	86-135	0	20	
1,3-Dichlorobenzene	ug/L	<0.63	50	50	53.6	55.2	107	110	70-130	3	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2073984 2073985

Parameter	Units	40209778004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,4-Dichlorobenzene	ug/L	<0.94	50	50	55.0	55.1	110	110	70-130	0	20	
Benzene	ug/L	<0.25	50	50	61.4	57.1	123	114	70-136	7	20	
Bromodichloromethane	ug/L	<0.36	50	50	55.4	53.9	111	108	70-130	3	20	
Bromoform	ug/L	<4.0	50	50	60.7	58.0	121	116	69-130	4	20	
Bromomethane	ug/L	<0.97	50	50	53.9	48.3	108	97	39-138	11	20	
Carbon tetrachloride	ug/L	<1.1	50	50	62.1	59.5	124	119	70-142	4	20	
Chlorobenzene	ug/L	<0.71	50	50	54.9	54.8	110	110	70-130	0	20	
Chloroethane	ug/L	<1.3	50	50	49.3	45.3	99	91	61-149	8	20	
Chloroform	ug/L	<1.3	50	50	54.5	50.0	109	100	75-133	9	20	
Chloromethane	ug/L	<2.2	50	50	51.4	46.9	103	94	32-143	9	20	
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	50.9	46.6	102	93	70-130	9	20	
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	53.6	53.1	107	106	70-130	1	20	
Dibromochloromethane	ug/L	<2.6	50	50	55.7	54.5	111	109	70-130	2	20	
Dichlorodifluoromethane	ug/L	<0.50	50	50	49.6	46.7	99	93	10-141	6	20	
Ethylbenzene	ug/L	<0.32	50	50	56.3	56.6	113	113	80-120	1	20	
Isopropylbenzene (Cumene)	ug/L	<1.7	50	50	57.1	56.9	114	114	70-130	0	20	
m&p-Xylene	ug/L	<0.47	100	100	82.5	111	82	111	70-130	29	20	R1
Methyl-tert-butyl ether	ug/L	<1.2	50	50	48.0	44.2	96	88	61-136	8	20	
Methylene Chloride	ug/L	<0.58	50	50	51.1	48.3	102	97	68-137	6	20	
o-Xylene	ug/L	<0.26	50	50	53.7	54.5	107	109	70-130	1	20	
Styrene	ug/L	<3.0	50	50	<3.0	<3.0	0	0	70-130		20	M1
Tetrachloroethene	ug/L	<0.33	50	50	55.9	55.3	112	111	70-130	1	20	
Toluene	ug/L	0.31J	50	50	54.0	54.5	107	108	80-120	1	20	
trans-1,2-Dichloroethene	ug/L	<0.46	50	50	52.6	48.7	105	97	70-130	8	20	
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	51.9	50.2	104	100	69-130	3	20	
Trichloroethene	ug/L	<0.26	50	50	57.8	57.0	116	114	70-130	1	20	
Trichlorofluoromethane	ug/L	<0.21	50	50	59.6	55.9	119	112	74-157	6	20	
Vinyl chloride	ug/L	<0.17	50	50	58.7	55.0	117	110	51-140	6	20	
4-Bromofluorobenzene (S)	%						99	98	70-130			
Dibromofluoromethane (S)	%						85	77	70-130			
Toluene-d8 (S)	%						98	96	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

QC Batch: 358248
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209814017, 40209814019

METHOD BLANK: 2072550 Matrix: Water
Associated Lab Samples: 40209814017, 40209814019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	06/22/20 17:11	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	06/22/20 17:11	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	06/22/20 17:11	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	06/22/20 17:11	
1,1-Dichloroethane	ug/L	<0.27	1.0	06/22/20 17:11	
1,1-Dichloroethene	ug/L	<0.24	1.0	06/22/20 17:11	
1,1-Dichloropropene	ug/L	<0.54	1.8	06/22/20 17:11	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	06/22/20 17:11	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	06/22/20 17:11	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	06/22/20 17:11	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	06/22/20 17:11	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	06/22/20 17:11	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	06/22/20 17:11	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	06/22/20 17:11	
1,2-Dichloroethane	ug/L	<0.28	1.0	06/22/20 17:11	
1,2-Dichloropropane	ug/L	<0.28	1.0	06/22/20 17:11	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	06/22/20 17:11	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	06/22/20 17:11	
1,3-Dichloropropane	ug/L	<0.83	2.8	06/22/20 17:11	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	06/22/20 17:11	
2,2-Dichloropropane	ug/L	<2.3	7.6	06/22/20 17:11	
2-Chlorotoluene	ug/L	<0.93	5.0	06/22/20 17:11	
4-Chlorotoluene	ug/L	<0.76	2.5	06/22/20 17:11	
Benzene	ug/L	<0.25	1.0	06/22/20 17:11	
Bromobenzene	ug/L	<0.24	1.0	06/22/20 17:11	
Bromochloromethane	ug/L	<0.36	5.0	06/22/20 17:11	
Bromodichloromethane	ug/L	<0.36	1.2	06/22/20 17:11	
Bromoform	ug/L	<4.0	13.2	06/22/20 17:11	
Bromomethane	ug/L	<0.97	5.0	06/22/20 17:11	
Carbon tetrachloride	ug/L	<1.1	3.6	06/22/20 17:11	
Chlorobenzene	ug/L	<0.71	2.4	06/22/20 17:11	
Chloroethane	ug/L	<1.3	5.0	06/22/20 17:11	
Chloroform	ug/L	<1.3	5.0	06/22/20 17:11	
Chloromethane	ug/L	<2.2	7.3	06/22/20 17:11	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	06/22/20 17:11	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	06/22/20 17:11	
Dibromochloromethane	ug/L	<2.6	8.7	06/22/20 17:11	
Dibromomethane	ug/L	<0.94	3.1	06/22/20 17:11	
Dichlorodifluoromethane	ug/L	<0.50	5.0	06/22/20 17:11	
Diisopropyl ether	ug/L	<1.9	6.3	06/22/20 17:11	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

METHOD BLANK: 2072550 Matrix: Water
Associated Lab Samples: 40209814017, 40209814019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.32	1.1	06/22/20 17:11	
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	06/22/20 17:11	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	06/22/20 17:11	
m&p-Xylene	ug/L	<0.47	2.0	06/22/20 17:11	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	06/22/20 17:11	
Methylene Chloride	ug/L	<0.58	5.0	06/22/20 17:11	
n-Butylbenzene	ug/L	<0.71	2.4	06/22/20 17:11	
n-Propylbenzene	ug/L	<0.81	5.0	06/22/20 17:11	
Naphthalene	ug/L	<1.2	5.0	06/22/20 17:11	
o-Xylene	ug/L	<0.26	1.0	06/22/20 17:11	
p-Isopropyltoluene	ug/L	<0.80	2.7	06/22/20 17:11	
sec-Butylbenzene	ug/L	<0.85	5.0	06/22/20 17:11	
Styrene	ug/L	<3.0	10.0	06/22/20 17:11	
tert-Butylbenzene	ug/L	<0.30	1.0	06/22/20 17:11	
Tetrachloroethene	ug/L	<0.33	1.1	06/22/20 17:11	
Toluene	ug/L	<0.27	0.90	06/22/20 17:11	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	06/22/20 17:11	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	06/22/20 17:11	
Trichloroethene	ug/L	<0.26	1.0	06/22/20 17:11	
Trichlorofluoromethane	ug/L	<0.21	1.0	06/22/20 17:11	
Vinyl chloride	ug/L	<0.17	1.0	06/22/20 17:11	
4-Bromofluorobenzene (S)	%	83	70-130	06/22/20 17:11	
Dibromofluoromethane (S)	%	70	70-130	06/22/20 17:11	
Toluene-d8 (S)	%	93	70-130	06/22/20 17:11	

LABORATORY CONTROL SAMPLE: 2072551

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	48.0	96	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	42.7	85	64-131	
1,1,2-Trichloroethane	ug/L	50	54.6	109	70-130	
1,1-Dichloroethane	ug/L	50	43.0	86	69-163	
1,1-Dichloroethene	ug/L	50	48.9	98	77-123	
1,2,4-Trichlorobenzene	ug/L	50	46.4	93	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	50.3	101	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	52.3	105	70-130	
1,2-Dichlorobenzene	ug/L	50	54.8	110	70-130	
1,2-Dichloroethane	ug/L	50	47.2	94	78-142	
1,2-Dichloropropane	ug/L	50	52.4	105	86-134	
1,3-Dichlorobenzene	ug/L	50	53.4	107	70-130	
1,4-Dichlorobenzene	ug/L	50	55.5	111	70-130	
Benzene	ug/L	50	48.6	97	70-130	
Bromodichloromethane	ug/L	50	53.9	108	70-130	
Bromoform	ug/L	50	58.4	117	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

LABORATORY CONTROL SAMPLE: 2072551

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	50	46.5	93	39-129	
Carbon tetrachloride	ug/L	50	51.9	104	70-132	
Chlorobenzene	ug/L	50	57.9	116	70-130	
Chloroethane	ug/L	50	44.1	88	66-140	
Chloroform	ug/L	50	45.2	90	75-132	
Chloromethane	ug/L	50	43.6	87	32-143	
cis-1,2-Dichloroethene	ug/L	50	43.5	87	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.2	98	70-130	
Dibromochloromethane	ug/L	50	54.9	110	70-130	
Dichlorodifluoromethane	ug/L	50	50.9	102	10-141	
Ethylbenzene	ug/L	50	57.9	116	80-120	
Isopropylbenzene (Cumene)	ug/L	50	58.5	117	70-130	
m&p-Xylene	ug/L	100	119	119	70-130	
Methyl-tert-butyl ether	ug/L	50	37.7	75	61-129	
Methylene Chloride	ug/L	50	45.1	90	70-130	
o-Xylene	ug/L	50	57.0	114	70-130	
Styrene	ug/L	50	58.5	117	70-130	
Tetrachloroethene	ug/L	50	62.2	124	70-130	
Toluene	ug/L	50	56.1	112	80-120	
trans-1,2-Dichloroethene	ug/L	50	45.1	90	70-130	
trans-1,3-Dichloropropene	ug/L	50	47.9	96	69-130	
Trichloroethene	ug/L	50	59.5	119	70-130	
Trichlorofluoromethane	ug/L	50	52.5	105	75-145	
Vinyl chloride	ug/L	50	51.0	102	51-140	
4-Bromofluorobenzene (S)	%			98	70-130	
Dibromofluoromethane (S)	%			83	70-130	
Toluene-d8 (S)	%			96	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2072778 2072779

Parameter	Units	40209814017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	0.31J	50	50	47.7	45.2	95	90	70-130	5	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	40.9	45.2	82	90	64-137	10	20	
1,1,2-Trichloroethane	ug/L	<0.55	50	50	51.6	53.2	103	106	70-137	3	20	
1,1-Dichloroethane	ug/L	5.6	50	50	46.8	47.5	82	84	69-163	2	20	
1,1-Dichloroethene	ug/L	<0.24	50	50	46.7	48.4	93	97	77-129	4	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	48.6	50.7	97	101	68-130	4	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	45.8	49.2	92	98	60-130	7	20	
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	50.9	51.6	102	103	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	52.3	55.3	105	111	70-130	6	20	
1,2-Dichloroethane	ug/L	<0.28	50	50	45.9	46.9	92	94	78-145	2	20	
1,2-Dichloropropane	ug/L	<0.28	50	50	50.0	50.5	100	101	86-135	1	20	
1,3-Dichlorobenzene	ug/L	<0.63	50	50	51.6	54.2	103	108	70-130	5	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2072778 2072779

Parameter	Units	40209814017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,4-Dichlorobenzene	ug/L	<0.94	50	50	53.4	56.0	107	112	70-130	5	20	
Benzene	ug/L	0.45J	50	50	47.7	49.2	94	97	70-136	3	20	
Bromodichloromethane	ug/L	<0.36	50	50	51.9	52.9	104	106	70-130	2	20	
Bromoform	ug/L	<4.0	50	50	54.9	57.1	110	114	69-130	4	20	
Bromomethane	ug/L	<0.97	50	50	47.3	48.4	95	97	39-138	2	20	
Carbon tetrachloride	ug/L	<1.1	50	50	49.0	50.4	98	101	70-142	3	20	
Chlorobenzene	ug/L	<0.71	50	50	55.9	56.7	112	113	70-130	1	20	
Chloroethane	ug/L	<1.3	50	50	42.5	43.8	85	88	61-149	3	20	
Chloroform	ug/L	<1.3	50	50	44.2	44.5	88	89	75-133	1	20	
Chloromethane	ug/L	<2.2	50	50	44.8	44.5	90	89	32-143	1	20	
cis-1,2-Dichloroethene	ug/L	1.6	50	50	43.9	44.0	85	85	70-130	0	20	
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	47.6	49.5	95	99	70-130	4	20	
Dibromochloromethane	ug/L	<2.6	50	50	52.3	54.4	105	109	70-130	4	20	
Dichlorodifluoromethane	ug/L	<0.50	50	50	47.3	47.5	95	95	10-141	1	20	
Ethylbenzene	ug/L	<0.32	50	50	54.1	56.0	108	112	80-120	3	20	
Isopropylbenzene (Cumene)	ug/L	<1.7	50	50	54.9	57.5	110	115	70-130	5	20	
m&p-Xylene	ug/L	<0.47	100	100	111	116	111	116	70-130	5	20	
Methyl-tert-butyl ether	ug/L	<1.2	50	50	37.7	38.2	75	76	61-136	1	20	
Methylene Chloride	ug/L	<0.58	50	50	43.4	44.8	87	90	68-137	3	20	
o-Xylene	ug/L	<0.26	50	50	53.5	55.6	107	111	70-130	4	20	
Styrene	ug/L	<3.0	50	50	53.8	57.7	108	115	70-130	7	20	
Tetrachloroethene	ug/L	<0.33	50	50	58.7	59.9	117	120	70-130	2	20	
Toluene	ug/L	<0.27	50	50	53.9	55.1	108	110	80-120	2	20	
trans-1,2-Dichloroethene	ug/L	<0.46	50	50	44.1	44.6	88	89	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	45.7	47.6	91	95	69-130	4	20	
Trichloroethene	ug/L	1.8	50	50	60.6	59.9	118	116	70-130	1	20	
Trichlorofluoromethane	ug/L	<0.21	50	50	51.0	51.6	102	103	74-157	1	20	
Vinyl chloride	ug/L	2.4	50	50	52.3	53.3	100	102	51-140	2	20	
4-Bromofluorobenzene (S)	%						97	96	70-130			
Dibromofluoromethane (S)	%						80	73	70-130			
Toluene-d8 (S)	%						94	94	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

QC Batch: 358504
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209814004, 40209814005, 40209814007, 40209814008, 40209814011, 40209814014, 40209814018

METHOD BLANK: 2073398 Matrix: Water
Associated Lab Samples: 40209814004, 40209814005, 40209814007, 40209814008, 40209814011, 40209814014, 40209814018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	06/24/20 16:54	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	06/24/20 16:54	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	06/24/20 16:54	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	06/24/20 16:54	
1,1-Dichloroethane	ug/L	<0.27	1.0	06/24/20 16:54	
1,1-Dichloroethene	ug/L	<0.24	1.0	06/24/20 16:54	
1,1-Dichloropropene	ug/L	<0.54	1.8	06/24/20 16:54	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	06/24/20 16:54	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	06/24/20 16:54	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	06/24/20 16:54	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	06/24/20 16:54	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	06/24/20 16:54	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	06/24/20 16:54	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	06/24/20 16:54	
1,2-Dichloroethane	ug/L	<0.28	1.0	06/24/20 16:54	
1,2-Dichloropropane	ug/L	<0.28	1.0	06/24/20 16:54	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	06/24/20 16:54	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	06/24/20 16:54	
1,3-Dichloropropane	ug/L	<0.83	2.8	06/24/20 16:54	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	06/24/20 16:54	
2,2-Dichloropropane	ug/L	<2.3	7.6	06/24/20 16:54	
2-Chlorotoluene	ug/L	<0.93	5.0	06/24/20 16:54	
4-Chlorotoluene	ug/L	<0.76	2.5	06/24/20 16:54	
Benzene	ug/L	<0.25	1.0	06/24/20 16:54	
Bromobenzene	ug/L	<0.24	1.0	06/24/20 16:54	
Bromochloromethane	ug/L	<0.36	5.0	06/24/20 16:54	
Bromodichloromethane	ug/L	<0.36	1.2	06/24/20 16:54	
Bromoform	ug/L	<4.0	13.2	06/24/20 16:54	
Bromomethane	ug/L	<0.97	5.0	06/24/20 16:54	
Carbon tetrachloride	ug/L	<1.1	3.6	06/24/20 16:54	
Chlorobenzene	ug/L	<0.71	2.4	06/24/20 16:54	
Chloroethane	ug/L	<1.3	5.0	06/24/20 16:54	
Chloroform	ug/L	<1.3	5.0	06/24/20 16:54	
Chloromethane	ug/L	<2.2	7.3	06/24/20 16:54	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	06/24/20 16:54	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	06/24/20 16:54	
Dibromochloromethane	ug/L	<2.6	8.7	06/24/20 16:54	
Dibromomethane	ug/L	<0.94	3.1	06/24/20 16:54	
Dichlorodifluoromethane	ug/L	<0.50	5.0	06/24/20 16:54	
Diisopropyl ether	ug/L	<1.9	6.3	06/24/20 16:54	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

METHOD BLANK: 2073398 Matrix: Water
Associated Lab Samples: 40209814004, 40209814005, 40209814007, 40209814008, 40209814011, 40209814014, 40209814018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.32	1.1	06/24/20 16:54	
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	06/24/20 16:54	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	06/24/20 16:54	
m&p-Xylene	ug/L	<0.47	2.0	06/24/20 16:54	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	06/24/20 16:54	
Methylene Chloride	ug/L	<0.58	5.0	06/24/20 16:54	
n-Butylbenzene	ug/L	<0.71	2.4	06/24/20 16:54	
n-Propylbenzene	ug/L	<0.81	5.0	06/24/20 16:54	
Naphthalene	ug/L	<1.2	5.0	06/24/20 16:54	
o-Xylene	ug/L	<0.26	1.0	06/24/20 16:54	
p-Isopropyltoluene	ug/L	<0.80	2.7	06/24/20 16:54	
sec-Butylbenzene	ug/L	<0.85	5.0	06/24/20 16:54	
Styrene	ug/L	<3.0	10.0	06/24/20 16:54	
tert-Butylbenzene	ug/L	<0.30	1.0	06/24/20 16:54	
Tetrachloroethene	ug/L	<0.33	1.1	06/24/20 16:54	
Toluene	ug/L	<0.27	0.90	06/24/20 16:54	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	06/24/20 16:54	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	06/24/20 16:54	
Trichloroethene	ug/L	<0.26	1.0	06/24/20 16:54	
Trichlorofluoromethane	ug/L	<0.21	1.0	06/24/20 16:54	
Vinyl chloride	ug/L	<0.17	1.0	06/24/20 16:54	
4-Bromofluorobenzene (S)	%	85	70-130	06/24/20 16:54	
Dibromofluoromethane (S)	%	99	70-130	06/24/20 16:54	
Toluene-d8 (S)	%	95	70-130	06/24/20 16:54	

LABORATORY CONTROL SAMPLE: 2073399

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	60.0	120	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	53.6	107	64-131	
1,1,2-Trichloroethane	ug/L	50	56.0	112	70-130	
1,1-Dichloroethane	ug/L	50	46.7	93	69-163	
1,1-Dichloroethene	ug/L	50	49.9	100	77-123	
1,2,4-Trichlorobenzene	ug/L	50	53.6	107	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	53.4	107	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	61.9	124	70-130	
1,2-Dichlorobenzene	ug/L	50	53.4	107	70-130	
1,2-Dichloroethane	ug/L	50	50.6	101	78-142	
1,2-Dichloropropane	ug/L	50	51.4	103	86-134	
1,3-Dichlorobenzene	ug/L	50	55.7	111	70-130	
1,4-Dichlorobenzene	ug/L	50	54.6	109	70-130	
Benzene	ug/L	50	45.5	91	70-130	
Bromodichloromethane	ug/L	50	56.3	113	70-130	
Bromoform	ug/L	50	61.6	123	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

LABORATORY CONTROL SAMPLE: 2073399

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	50	48.3	97	39-129	
Carbon tetrachloride	ug/L	50	60.4	121	70-132	
Chlorobenzene	ug/L	50	53.9	108	70-130	
Chloroethane	ug/L	50	39.9	80	66-140	
Chloroform	ug/L	50	52.7	105	75-132	
Chloromethane	ug/L	50	32.7	65	32-143	
cis-1,2-Dichloroethene	ug/L	50	48.0	96	70-130	
cis-1,3-Dichloropropene	ug/L	50	54.9	110	70-130	
Dibromochloromethane	ug/L	50	59.5	119	70-130	
Dichlorodifluoromethane	ug/L	50	28.1	56	10-141	
Ethylbenzene	ug/L	50	52.9	106	80-120	
Isopropylbenzene (Cumene)	ug/L	50	55.0	110	70-130	
m&p-Xylene	ug/L	100	111	111	70-130	
Methyl-tert-butyl ether	ug/L	50	51.4	103	61-129	
Methylene Chloride	ug/L	50	42.7	85	70-130	
o-Xylene	ug/L	50	54.3	109	70-130	
Styrene	ug/L	50	55.0	110	70-130	
Tetrachloroethene	ug/L	50	59.8	120	70-130	
Toluene	ug/L	50	55.6	111	80-120	
trans-1,2-Dichloroethene	ug/L	50	52.5	105	70-130	
trans-1,3-Dichloropropene	ug/L	50	52.6	105	69-130	
Trichloroethene	ug/L	50	61.2	122	70-130	
Trichlorofluoromethane	ug/L	50	57.2	114	75-145	
Vinyl chloride	ug/L	50	38.3	77	51-140	
4-Bromofluorobenzene (S)	%			92	70-130	
Dibromofluoromethane (S)	%			103	70-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2074011 2074012

Parameter	Units	40209814011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<2.4	500	500	560	564	112	113	70-130	1	20	
1,1,2,2-Tetrachloroethane	ug/L	<2.8	500	500	541	513	108	103	64-137	5	20	
1,1,2-Trichloroethane	ug/L	<5.5	500	500	526	523	105	105	70-137	1	20	
1,1-Dichloroethane	ug/L	8.3J	500	500	448	457	88	90	69-163	2	20	
1,1-Dichloroethene	ug/L	3.8J	500	500	485	547	96	109	77-129	12	20	
1,2,4-Trichlorobenzene	ug/L	<9.5	500	500	531	519	106	104	68-130	2	20	
1,2-Dibromo-3-chloropropane	ug/L	<17.6	500	500	611	524	122	105	60-130	15	20	
1,2-Dibromoethane (EDB)	ug/L	<8.3	500	500	582	576	116	115	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<7.1	500	500	541	514	108	103	70-130	5	20	
1,2-Dichloroethane	ug/L	<2.8	500	500	480	483	96	97	78-145	1	20	
1,2-Dichloropropane	ug/L	<2.8	500	500	481	509	96	102	86-135	6	20	
1,3-Dichlorobenzene	ug/L	<6.3	500	500	560	532	112	106	70-130	5	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2074011 2074012

Parameter	Units	40209814011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,4-Dichlorobenzene	ug/L	<9.4	500	500	535	517	107	103	70-130	3	20	
Benzene	ug/L	<2.5	500	500	437	442	87	88	70-136	1	20	
Bromodichloromethane	ug/L	<3.6	500	500	560	532	112	106	70-130	5	20	
Bromoform	ug/L	<39.7	500	500	628	615	126	123	69-130	2	20	
Bromomethane	ug/L	<9.7	500	500	541	525	108	105	39-138	3	20	
Carbon tetrachloride	ug/L	<10.8	500	500	563	580	113	116	70-142	3	20	
Chlorobenzene	ug/L	<7.1	500	500	526	530	105	106	70-130	1	20	
Chloroethane	ug/L	<13.4	500	500	411	429	82	86	61-149	4	20	
Chloroform	ug/L	<12.7	500	500	512	522	102	104	75-133	2	20	
Chloromethane	ug/L	<21.9	500	500	403	396	81	79	32-143	2	20	
cis-1,2-Dichloroethene	ug/L	977	500	500	1390	1380	82	81	70-130	0	20	
cis-1,3-Dichloropropene	ug/L	<36.3	500	500	555	526	111	105	70-130	5	20	
Dibromochloromethane	ug/L	<26.0	500	500	579	545	116	109	70-130	6	20	
Dichlorodifluoromethane	ug/L	<5.0	500	500	403	401	81	80	10-141	1	20	
Ethylbenzene	ug/L	<3.2	500	500	514	513	103	103	80-120	0	20	
Isopropylbenzene (Cumene)	ug/L	<16.9	500	500	528	537	106	107	70-130	2	20	
m&p-Xylene	ug/L	<4.7	1000	1000	1050	1070	105	107	70-130	1	20	
Methyl-tert-butyl ether	ug/L	<12.5	500	500	508	490	102	98	61-136	4	20	
Methylene Chloride	ug/L	<5.8	500	500	436	433	87	87	68-137	1	20	
o-Xylene	ug/L	<2.6	500	500	520	536	104	107	70-130	3	20	
Styrene	ug/L	<30.1	500	500	531	531	106	106	70-130	0	20	
Tetrachloroethene	ug/L	<3.3	500	500	565	562	113	112	70-130	0	20	
Toluene	ug/L	<2.7	500	500	536	551	107	110	80-120	3	20	
trans-1,2-Dichloroethene	ug/L	<4.6	500	500	509	513	101	102	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	<43.7	500	500	512	491	102	98	69-130	4	20	
Trichloroethene	ug/L	51.9	500	500	622	595	114	109	70-130	4	20	
Trichlorofluoromethane	ug/L	<2.1	500	500	580	596	116	119	74-157	3	20	
Vinyl chloride	ug/L	118	500	500	503	537	77	84	51-140	7	20	
4-Bromofluorobenzene (S)	%						93	95	70-130			
Dibromofluoromethane (S)	%						103	98	70-130			
Toluene-d8 (S)	%						98	96	70-130			

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

QC Batch: 358183
QC Batch Method: EPA 300.0
Analysis Method: EPA 300.0
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209814011, 40209814012

METHOD BLANK: 2071955 Matrix: Water
Associated Lab Samples: 40209814011, 40209814012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	<0.044	0.15	06/22/20 11:11	
Sulfate	mg/L	<0.44	2.0	06/22/20 11:11	

LABORATORY CONTROL SAMPLE: 2071956

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	1.5	1.6	107	90-110	
Sulfate	mg/L	20	21.3	106	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2071957 2071958

Parameter	Units	40209814011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	<0.44	15	15	15.5	16.0	104	107	90-110	3	15	
Sulfate	mg/L	175	200	200	371	379	98	102	90-110	2	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2071959 2071960

Parameter	Units	40209834001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	<0.22	7.5	7.5	8.1	8.1	107	108	90-110	0	15	
Sulfate	mg/L	5.7J	100	100	117	117	111	112	90-110	0	15	M0

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

QC Batch: 358487
QC Batch Method: EPA 310.2
Analysis Method: EPA 310.2
Analysis Description: 310.2 Alkalinity
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209814011, 40209814012

METHOD BLANK: 2073326 Matrix: Water
Associated Lab Samples: 40209814011, 40209814012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	24.8	06/24/20 12:01	

LABORATORY CONTROL SAMPLE: 2073327

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	99.1	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2073328 2073329

Parameter	Units	40209789001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	2110	2500	2500	4590	4600	99	99	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2073330 2073331

Parameter	Units	40209834006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	197	200	200	402	403	102	103	90-110	0	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

QC Batch: 358353
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Total Organic Carbon
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209814011, 40209814012

METHOD BLANK: 2072819 Matrix: Water
Associated Lab Samples: 40209814011, 40209814012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.14	0.50	06/23/20 18:48	

LABORATORY CONTROL SAMPLE: 2072820

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	12.2	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2072821 2072822

Parameter	Units	10522120001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	1.1	6	6	7.2	7.3	101	103	80-120	2	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2072823 2072824

Parameter	Units	10522120002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	ND	6	6	6.3	6.5	101	104	80-120	3	10	

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
H1	Analysis conducted outside the recognized method holding time.
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.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples.
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.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209814

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40209814011	**OP-5**	EPA 8015B Modified	358741		
40209814012	**OP-7**	EPA 8015B Modified	358741		
40209814011	**OP-5**	EPA 6010	358314		
40209814012	**OP-7**	EPA 6010	358314		
40209814001	**RW-6**	EPA 8260	358229		
40209814002	**MW-6**	EPA 8260	358229		
40209814003	**MW-6A**	EPA 8260	358229		
40209814004	**RW-26**	EPA 8260	358504		
40209814005	**RW-27**	EPA 8260	358504		
40209814006	**RW-28**	EPA 8260	358247		
40209814007	**RW-10**	EPA 8260	358504		
40209814008	**RW-11**	EPA 8260	358504		
40209814009	**RW-25**	EPA 8260	358247		
40209814010	**RW-5**	EPA 8260	358247		
40209814011	**OP-5**	EPA 8260	358504		
40209814012	**OP-7**	EPA 8260	358247		
40209814013	**RW-7**	EPA 8260	358247		
40209814014	**RW-15**	EPA 8260	358504		
40209814015	**RW-14**	EPA 8260	358247		
40209814016	**RW-13**	EPA 8260	358247		
40209814017	**RW-12**	EPA 8260	358248		
40209814018	**DUP-4**	EPA 8260	358504		
40209814019	**TRIP**	EPA 8260	358248		
40209814011	**OP-5**	EPA 300.0	358183		
40209814012	**OP-7**	EPA 300.0	358183		
40209814011	**OP-5**	EPA 310.2	358487		
40209814012	**OP-7**	EPA 310.2	358487		
40209814011	**OP-5**	SM 5310C	358353		
40209814012	**OP-7**	SM 5310C	358353		

(Please Print Clearly)	
Company Name:	GZA GeoEnvironmental
Branch/Location:	Waukesha
Project Contact:	Kevin Hedinger
Phone:	262-424-1761
Project Number:	20.0155935.01
Project Name:	Trent Tube
Project State:	WI
Sampled By (Print):	Sheryl Stephenson
Sampled By (Sign):	
PO #:	Regulatory Program:

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

Page 1 of 2

COC No. 40209814

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

Quote #:	SAME
Mail To Contact:	
Mail To Company:	
Mail To Address:	
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 = Sludge, WW = Waste Water
SI = Sludge, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested	VOC	Dissolved Fe	Ethane, Ethene, Methane	Sulfate + Alk.	TOC	Nitrate	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
	FILTERED? (YES/NO)				Y/N	N	Y	N	N	N	N			
	PRESERVATION (CODE)*				Pick Letter	B	D	B	A	C	A			
001	~~RW-26~~ RW-6	6/18/20	0835	GW		X								
002	MW-6		0923			X								
003	MW-6A		0950			X								
004	RW-26		1017			X								
005	RW-27		1055			X								
006	RW-28		1206			X								
007	RW-10		1237			X								
008	RW-11		1320			X								
009	~~RW-25~~ RW-25		0845			X								
010	RW-5		0918			X								
011	OP-5		0951			X	X	X	X	X	X			
012	OP-7		1029			X	X	X	X	X	X			
013	RW-7		1110			X								

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

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

Email #1:	
Email #2:	
Telephone:	
Fax:	

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
	6/18/2020 1630		
CS Logistics	6/19/20 0730		

PACE Project No.
40209814

Receipt Temp = 2.0 °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

(Please Print Clearly)	
Company Name:	GZA GeoEnvironmental
Branch/Location:	Waukesha
Project Contact:	Kevin Hedinger
Phone:	262-424-1761
Project Number:	20.0155935.01
Project Name:	Trent Tube
Project State:	WI
Sampled By (Print):	Sheryl Stephenson
Sampled By (Sign):	
PO #:	Regulatory Program:

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

Page 2 of 2

COC No. 40209814

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

Quote #:	SAME
Mail To Contact:	
Mail To Company:	
Mail To Address:	
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, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested	VOC	Dissolved Fe	Ethane, Ethene, Methane	Sulfate	TOC	Nitrate			CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
FILTERED? (YES/NO)					Y/N	N	Y	N	N	N	N					
PRESERVATION (CODE)*					Pick Letter	B	D	B	A	E	A					
014	RW-15	6/18/20	1213	GW		X										
015	RW-14	"	1243	"		X										
016	RW-13	"	1315	"		X										
017	RW-12	"	1348	"		X										
018	DUP-4	"	—	"		X										
019	TRIP	"	—	W		X										

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

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

Email #1:	
Email #2:	
Telephone:	
Fax:	

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
	6/18/2020 1630		
CS Logistics	6/18/2020		6/18/20 0730

PACE Project No. 40209814

Receipt Temp = 2.0 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

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

Sample Preservation Receipt Form

Client Name: GZA Project # 40209814

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

Lab Lot# of pH paper: 104527A1 Lab Std #ID of preservation (if pH adjusted):

	Glass							Plastic					Vials						Jars				General			VOA Vials (>6mm) *						
Pace Lab #	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN		H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																	3															2.5 / 5 / 10
002																	3															2.5 / 5 / 10
003																	3															2.5 / 5 / 10
004																	3															2.5 / 5 / 10
005																	3															2.5 / 5 / 10
006																	3															2.5 / 5 / 10
007																	3															2.5 / 5 / 10
008																	3															2.5 / 5 / 10
009																	3															2.5 / 5 / 10
010																	3															2.5 / 5 / 10
011				1						1		1					3													✓		2.5 / 5 / 10
012				1						1		1					3													✓		2.5 / 5 / 10
013																	3															2.5 / 5 / 10
014																	3															2.5 / 5 / 10
015																	3															2.5 / 5 / 10
016																	3															2.5 / 5 / 10
017																	3															2.5 / 5 / 10
018																	3															2.5 / 5 / 10
019																	3										1					2.5 / 5 / 10
020																	3															2.5 / 5 / 10

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

AG1U	1 liter amber glass
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG4U	120 mL amber glass unpres
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

BP1U	1 liter plastic unpres
BP3U	250 mL plastic unpres
BP3B	250 mL plastic NaOH
BP3N	250 mL plastic HNO3
BP3S	250 mL plastic H2SO4

VG9A	40 mL clear ascorbic
DG9T	40 mL amber Na Thio
VG9U	40 mL clear vial unpres
VG9H	40 mL clear vial HCL
VG9M	40 mL clear vial MeOH
VG9D	40 mL clear vial DI

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres
SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN	

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

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40209814

40209814

Client Name: GZA

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

Tracking #: _____

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

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

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

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

Cooler Temperature Uncorr: RO1 /Corr:

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

Person examining contents:
Date: 6/19/20 /Initials: DS

Labeled By Initials: MP

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☑Yes ☐No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD: ☐Yes ☑No ☐N/A		8.
Correct Containers Used:	☑Yes ☐No	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☑Yes ☐No ☐N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
Trip Blank Present:	☑Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 423		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

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

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

June 24, 2020

Kevin Hedinger
GZA
17975 West Sarah Lane
Suite 100
Brookfield, WI 53045

RE: Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209900

Dear Kevin Hedinger:

Enclosed are the analytical results for sample(s) received by the laboratory on June 20, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

Christopher Hyska

Christopher Hyska
christopher.hyska@pacelabs.com
(920)469-2436
Project Manager

Enclosures

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

CERTIFICATIONS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209900

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

Pace Analytical Services, LLC
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SAMPLE SUMMARY

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209900

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40209900001	**MW-25**	Water	06/19/20 10:12	06/20/20 10:46
40209900002	**MW-27**	Water	06/19/20 10:55	06/20/20 10:46
40209900003	**MW-29**	Water	06/19/20 09:40	06/20/20 10:46
40209900004	**OP-8**	Water	06/19/20 11:41	06/20/20 10:46
40209900005	**OP-10**	Water	06/19/20 12:05	06/20/20 10:46
40209900006	**DUP-5**	Water	06/19/20 00:00	06/20/20 10:46
40209900007	**TRIP**	Water	06/19/20 00:00	06/20/20 10:46

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SAMPLE ANALYTE COUNT

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209900

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40209900001	**MW-25**	EPA 8260	HNW	64	PASI-G
40209900002	**MW-27**	EPA 8260	HNW	64	PASI-G
40209900003	**MW-29**	EPA 8260	HNW	64	PASI-G
40209900004	**OP-8**	EPA 8260	HNW	64	PASI-G
40209900005	**OP-10**	EPA 8260	HNW	64	PASI-G
40209900006	**DUP-5**	EPA 8260	HNW	64	PASI-G
40209900007	**TRIP**	EPA 8260	HNW	64	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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SUMMARY OF DETECTION

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209900

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40209900002	**MW-27**					
EPA 8260	Vinyl chloride	0.33J	ug/L	1.0	06/23/20 21:21	
EPA 8260	cis-1,2-Dichloroethene	0.50J	ug/L	1.0	06/23/20 21:21	
40209900004	**OP-8**					
EPA 8260	1,1-Dichloroethane	4.2	ug/L	1.0	06/23/20 22:04	
EPA 8260	1,1-Dichloroethene	13.5	ug/L	1.0	06/23/20 22:04	
EPA 8260	1,2-Dichloroethane	0.33J	ug/L	1.0	06/23/20 22:04	
EPA 8260	Benzene	0.27J	ug/L	1.0	06/23/20 22:04	
EPA 8260	Trichloroethene	33.2	ug/L	1.0	06/23/20 22:04	
EPA 8260	Vinyl chloride	1350	ug/L	100	06/24/20 11:04	
EPA 8260	cis-1,2-Dichloroethene	5050	ug/L	100	06/24/20 11:04	
EPA 8260	trans-1,2-Dichloroethene	20.1	ug/L	1.5	06/23/20 22:04	
40209900005	**OP-10**					
EPA 8260	1,1,1-Trichloroethane	1.8	ug/L	1.0	06/24/20 10:21	
EPA 8260	1,1-Dichloroethane	5.2	ug/L	1.0	06/24/20 10:21	
EPA 8260	Trichloroethene	13.1	ug/L	1.0	06/24/20 10:21	
EPA 8260	Vinyl chloride	14.2	ug/L	1.0	06/24/20 10:21	
EPA 8260	cis-1,2-Dichloroethene	16.2	ug/L	1.0	06/24/20 10:21	
EPA 8260	trans-1,2-Dichloroethene	0.55J	ug/L	1.5	06/24/20 10:21	
40209900006	**DUP-5**					
EPA 8260	1,1-Dichloroethene	16.0J	ug/L	50.0	06/23/20 17:46	
EPA 8260	Trichloroethene	26.9J	ug/L	50.0	06/23/20 17:46	
EPA 8260	Vinyl chloride	1300	ug/L	50.0	06/23/20 17:46	
EPA 8260	cis-1,2-Dichloroethene	5050	ug/L	50.0	06/23/20 17:46	
EPA 8260	trans-1,2-Dichloroethene	24.0J	ug/L	77.4	06/23/20 17:46	

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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209900

Sample: MW-25 **Lab ID: 40209900001** Collected: 06/19/20 10:12 Received: 06/20/20 10:46 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/23/20 20:59	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/23/20 20:59	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/23/20 20:59	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/23/20 20:59	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		06/23/20 20:59	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/23/20 20:59	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/23/20 20:59	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/23/20 20:59	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/23/20 20:59	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/23/20 20:59	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/23/20 20:59	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/23/20 20:59	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/23/20 20:59	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/23/20 20:59	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/23/20 20:59	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/23/20 20:59	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/23/20 20:59	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/23/20 20:59	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/23/20 20:59	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/23/20 20:59	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/23/20 20:59	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/23/20 20:59	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/23/20 20:59	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/23/20 20:59	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/23/20 20:59	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/23/20 20:59	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/23/20 20:59	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/23/20 20:59	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/23/20 20:59	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/23/20 20:59	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/23/20 20:59	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/23/20 20:59	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/23/20 20:59	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/23/20 20:59	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/23/20 20:59	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/23/20 20:59	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/23/20 20:59	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/23/20 20:59	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/23/20 20:59	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/23/20 20:59	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/23/20 20:59	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/23/20 20:59	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/23/20 20:59	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/23/20 20:59	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/23/20 20:59	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209900

Sample: MW-25 **Lab ID: 40209900001** Collected: 06/19/20 10:12 Received: 06/20/20 10:46 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/23/20 20:59	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/23/20 20:59	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/23/20 20:59	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/23/20 20:59	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/23/20 20:59	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		06/23/20 20:59	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/23/20 20:59	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/23/20 20:59	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/23/20 20:59	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/23/20 20:59	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/23/20 20:59	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/23/20 20:59	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/23/20 20:59	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/23/20 20:59	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/23/20 20:59	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/23/20 20:59	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		06/23/20 20:59	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		06/23/20 20:59	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		06/23/20 20:59	2037-26-5	

Sample: MW-27 **Lab ID: 40209900002** Collected: 06/19/20 10:55 Received: 06/20/20 10:46 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/23/20 21:21	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/23/20 21:21	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/23/20 21:21	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/23/20 21:21	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		06/23/20 21:21	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/23/20 21:21	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/23/20 21:21	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/23/20 21:21	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/23/20 21:21	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/23/20 21:21	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/23/20 21:21	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/23/20 21:21	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/23/20 21:21	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/23/20 21:21	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/23/20 21:21	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/23/20 21:21	78-87-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209900

Sample: MW-27 **Lab ID: 40209900002** Collected: 06/19/20 10:55 Received: 06/20/20 10:46 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/23/20 21:21	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/23/20 21:21	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/23/20 21:21	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/23/20 21:21	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/23/20 21:21	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/23/20 21:21	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/23/20 21:21	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/23/20 21:21	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/23/20 21:21	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/23/20 21:21	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/23/20 21:21	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/23/20 21:21	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/23/20 21:21	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/23/20 21:21	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/23/20 21:21	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/23/20 21:21	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/23/20 21:21	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/23/20 21:21	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/23/20 21:21	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/23/20 21:21	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/23/20 21:21	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/23/20 21:21	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/23/20 21:21	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/23/20 21:21	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/23/20 21:21	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/23/20 21:21	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/23/20 21:21	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/23/20 21:21	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/23/20 21:21	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/23/20 21:21	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/23/20 21:21	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/23/20 21:21	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/23/20 21:21	75-69-4	
Vinyl chloride	**0.33J**	ug/L	1.0	0.17	1		06/23/20 21:21	75-01-4	
cis-1,2-Dichloroethene	**0.50J**	ug/L	1.0	0.27	1		06/23/20 21:21	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/23/20 21:21	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/23/20 21:21	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/23/20 21:21	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/23/20 21:21	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/23/20 21:21	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/23/20 21:21	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/23/20 21:21	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/23/20 21:21	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/23/20 21:21	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/23/20 21:21	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209900

Sample: MW-27 **Lab ID: 40209900002** Collected: 06/19/20 10:55 Received: 06/20/20 10:46 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		06/23/20 21:21	460-00-4	
Dibromofluoromethane (S)	112	%	70-130		1		06/23/20 21:21	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		06/23/20 21:21	2037-26-5	

Sample: MW-29 **Lab ID: 40209900003** Collected: 06/19/20 09:40 Received: 06/20/20 10:46 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/23/20 21:42	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/23/20 21:42	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/23/20 21:42	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/23/20 21:42	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		06/23/20 21:42	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/23/20 21:42	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/23/20 21:42	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/23/20 21:42	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/23/20 21:42	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/23/20 21:42	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/23/20 21:42	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/23/20 21:42	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/23/20 21:42	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/23/20 21:42	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/23/20 21:42	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/23/20 21:42	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/23/20 21:42	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/23/20 21:42	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/23/20 21:42	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/23/20 21:42	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/23/20 21:42	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/23/20 21:42	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/23/20 21:42	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/23/20 21:42	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/23/20 21:42	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/23/20 21:42	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/23/20 21:42	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/23/20 21:42	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/23/20 21:42	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/23/20 21:42	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/23/20 21:42	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/23/20 21:42	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209900

Sample: MW-29 **Lab ID: 40209900003** Collected: 06/19/20 09:40 Received: 06/20/20 10:46 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/23/20 21:42	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/23/20 21:42	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/23/20 21:42	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/23/20 21:42	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/23/20 21:42	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/23/20 21:42	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/23/20 21:42	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/23/20 21:42	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/23/20 21:42	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/23/20 21:42	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/23/20 21:42	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/23/20 21:42	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/23/20 21:42	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/23/20 21:42	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/23/20 21:42	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/23/20 21:42	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/23/20 21:42	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/23/20 21:42	75-01-4	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		06/23/20 21:42	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/23/20 21:42	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/23/20 21:42	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/23/20 21:42	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/23/20 21:42	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/23/20 21:42	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/23/20 21:42	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/23/20 21:42	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/23/20 21:42	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/23/20 21:42	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/23/20 21:42	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		06/23/20 21:42	460-00-4	
Dibromofluoromethane (S)	110	%	70-130		1		06/23/20 21:42	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		06/23/20 21:42	2037-26-5	

Sample: OP-8 **Lab ID: 40209900004** Collected: 06/19/20 11:41 Received: 06/20/20 10:46 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/23/20 22:04	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/23/20 22:04	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/23/20 22:04	79-34-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209900

Sample: OP-8 **Lab ID: 40209900004** Collected: 06/19/20 11:41 Received: 06/20/20 10:46 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/23/20 22:04	79-00-5	
1,1-Dichloroethane	**4.2**	ug/L	1.0	0.27	1		06/23/20 22:04	75-34-3	
1,1-Dichloroethene	**13.5**	ug/L	1.0	0.24	1		06/23/20 22:04	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/23/20 22:04	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/23/20 22:04	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/23/20 22:04	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/23/20 22:04	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/23/20 22:04	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/23/20 22:04	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/23/20 22:04	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/23/20 22:04	95-50-1	
1,2-Dichloroethane	**0.33J**	ug/L	1.0	0.28	1		06/23/20 22:04	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/23/20 22:04	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/23/20 22:04	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/23/20 22:04	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/23/20 22:04	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/23/20 22:04	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/23/20 22:04	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/23/20 22:04	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/23/20 22:04	106-43-4	
Benzene	**0.27J**	ug/L	1.0	0.25	1		06/23/20 22:04	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/23/20 22:04	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/23/20 22:04	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/23/20 22:04	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/23/20 22:04	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/23/20 22:04	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/23/20 22:04	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/23/20 22:04	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/23/20 22:04	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/23/20 22:04	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/23/20 22:04	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/23/20 22:04	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/23/20 22:04	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/23/20 22:04	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/23/20 22:04	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/23/20 22:04	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/23/20 22:04	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/23/20 22:04	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/23/20 22:04	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/23/20 22:04	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/23/20 22:04	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/23/20 22:04	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/23/20 22:04	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/23/20 22:04	108-88-3	
Trichloroethene	**33.2**	ug/L	1.0	0.26	1		06/23/20 22:04	79-01-6	

REPORT OF LABORATORY ANALYSIS

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

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209900

Sample: OP-8 **Lab ID: 40209900004** Collected: 06/19/20 11:41 Received: 06/20/20 10:46 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/23/20 22:04	75-69-4	
Vinyl chloride	**1350**	ug/L	100	17.5	100		06/24/20 11:04	75-01-4	
cis-1,2-Dichloroethene	**5050**	ug/L	100	27.1	100		06/24/20 11:04	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/23/20 22:04	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/23/20 22:04	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/23/20 22:04	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/23/20 22:04	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/23/20 22:04	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/23/20 22:04	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/23/20 22:04	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/23/20 22:04	98-06-6	
trans-1,2-Dichloroethene	**20.1**	ug/L	1.5	0.46	1		06/23/20 22:04	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/23/20 22:04	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		06/23/20 22:04	460-00-4	
Dibromofluoromethane (S)	113	%	70-130		1		06/23/20 22:04	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/23/20 22:04	2037-26-5	

Sample: OP-10 **Lab ID: 40209900005** Collected: 06/19/20 12:05 Received: 06/20/20 10:46 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/24/20 10:21	630-20-6	
1,1,1-Trichloroethane	**1.8**	ug/L	1.0	0.24	1		06/24/20 10:21	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/24/20 10:21	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/24/20 10:21	79-00-5	
1,1-Dichloroethane	**5.2**	ug/L	1.0	0.27	1		06/24/20 10:21	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/24/20 10:21	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/24/20 10:21	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/24/20 10:21	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/24/20 10:21	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/24/20 10:21	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/24/20 10:21	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/24/20 10:21	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/24/20 10:21	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/24/20 10:21	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/24/20 10:21	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/24/20 10:21	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/24/20 10:21	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/24/20 10:21	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/24/20 10:21	142-28-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209900

Sample: OP-10 **Lab ID: 40209900005** Collected: 06/19/20 12:05 Received: 06/20/20 10:46 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/24/20 10:21	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/24/20 10:21	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/24/20 10:21	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/24/20 10:21	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/24/20 10:21	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/24/20 10:21	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/24/20 10:21	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/24/20 10:21	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/24/20 10:21	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/24/20 10:21	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/24/20 10:21	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/24/20 10:21	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/24/20 10:21	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/24/20 10:21	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/24/20 10:21	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/24/20 10:21	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/24/20 10:21	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/24/20 10:21	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/24/20 10:21	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/24/20 10:21	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/24/20 10:21	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/24/20 10:21	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/24/20 10:21	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/24/20 10:21	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/24/20 10:21	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/24/20 10:21	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/24/20 10:21	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/24/20 10:21	108-88-3	
Trichloroethene	**13.1**	ug/L	1.0	0.26	1		06/24/20 10:21	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/24/20 10:21	75-69-4	
Vinyl chloride	**14.2**	ug/L	1.0	0.17	1		06/24/20 10:21	75-01-4	
cis-1,2-Dichloroethene	**16.2**	ug/L	1.0	0.27	1		06/24/20 10:21	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/24/20 10:21	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/24/20 10:21	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/24/20 10:21	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/24/20 10:21	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/24/20 10:21	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/24/20 10:21	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/24/20 10:21	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/24/20 10:21	98-06-6	
trans-1,2-Dichloroethene	**0.55J**	ug/L	1.5	0.46	1		06/24/20 10:21	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/24/20 10:21	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		06/24/20 10:21	460-00-4	
Dibromofluoromethane (S)	111	%	70-130		1		06/24/20 10:21	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209900

Sample: OP-10 **Lab ID: 40209900005** Collected: 06/19/20 12:05 Received: 06/20/20 10:46 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
Toluene-d8 (S)	94	%	70-130		1		06/24/20 10:21	2037-26-5	

Sample: DUP-5 **Lab ID: 40209900006** Collected: 06/19/20 00:00 Received: 06/20/20 10:46 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<13.5**	ug/L	50.0	13.5	50		06/23/20 17:46	630-20-6	
1,1,1-Trichloroethane	**<12.2**	ug/L	50.0	12.2	50		06/23/20 17:46	71-55-6	
1,1,2,2-Tetrachloroethane	**<13.8**	ug/L	50.0	13.8	50		06/23/20 17:46	79-34-5	
1,1,2-Trichloroethane	**<27.6**	ug/L	250	27.6	50		06/23/20 17:46	79-00-5	
1,1-Dichloroethane	**<13.6**	ug/L	50.0	13.6	50		06/23/20 17:46	75-34-3	
1,1-Dichloroethene	**16.0J**	ug/L	50.0	12.2	50		06/23/20 17:46	75-35-4	
1,1-Dichloropropene	**<27.0**	ug/L	90.0	27.0	50		06/23/20 17:46	563-58-6	
1,2,3-Trichlorobenzene	**<111**	ug/L	368	111	50		06/23/20 17:46	87-61-6	
1,2,3-Trichloropropane	**<29.5**	ug/L	250	29.5	50		06/23/20 17:46	96-18-4	
1,2,4-Trichlorobenzene	**<47.6**	ug/L	250	47.6	50		06/23/20 17:46	120-82-1	
1,2,4-Trimethylbenzene	**<42.0**	ug/L	140	42.0	50		06/23/20 17:46	95-63-6	
1,2-Dibromo-3-chloropropane	**<88.2**	ug/L	294	88.2	50		06/23/20 17:46	96-12-8	
1,2-Dibromoethane (EDB)	**<41.5**	ug/L	138	41.5	50		06/23/20 17:46	106-93-4	
1,2-Dichlorobenzene	**<35.3**	ug/L	118	35.3	50		06/23/20 17:46	95-50-1	
1,2-Dichloroethane	**<14.0**	ug/L	50.0	14.0	50		06/23/20 17:46	107-06-2	
1,2-Dichloropropane	**<14.1**	ug/L	50.0	14.1	50		06/23/20 17:46	78-87-5	
1,3,5-Trimethylbenzene	**<43.7**	ug/L	146	43.7	50		06/23/20 17:46	108-67-8	
1,3-Dichlorobenzene	**<31.4**	ug/L	105	31.4	50		06/23/20 17:46	541-73-1	
1,3-Dichloropropane	**<41.3**	ug/L	138	41.3	50		06/23/20 17:46	142-28-9	
1,4-Dichlorobenzene	**<47.2**	ug/L	157	47.2	50		06/23/20 17:46	106-46-7	
2,2-Dichloropropane	**<113**	ug/L	378	113	50		06/23/20 17:46	594-20-7	
2-Chlorotoluene	**<46.3**	ug/L	250	46.3	50		06/23/20 17:46	95-49-8	
4-Chlorotoluene	**<37.8**	ug/L	126	37.8	50		06/23/20 17:46	106-43-4	
Benzene	**<12.3**	ug/L	50.0	12.3	50		06/23/20 17:46	71-43-2	
Bromobenzene	**<12.1**	ug/L	50.0	12.1	50		06/23/20 17:46	108-86-1	
Bromochloromethane	**<18.1**	ug/L	250	18.1	50		06/23/20 17:46	74-97-5	
Bromodichloromethane	**<18.2**	ug/L	60.6	18.2	50		06/23/20 17:46	75-27-4	
Bromoform	**<199**	ug/L	662	199	50		06/23/20 17:46	75-25-2	
Bromomethane	**<48.6**	ug/L	250	48.6	50		06/23/20 17:46	74-83-9	
Carbon tetrachloride	**<53.8**	ug/L	179	53.8	50		06/23/20 17:46	56-23-5	
Chlorobenzene	**<35.5**	ug/L	118	35.5	50		06/23/20 17:46	108-90-7	
Chloroethane	**<67.1**	ug/L	250	67.1	50		06/23/20 17:46	75-00-3	
Chloroform	**<63.7**	ug/L	250	63.7	50		06/23/20 17:46	67-66-3	
Chloromethane	**<109**	ug/L	365	109	50		06/23/20 17:46	74-87-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209900

Sample: DUP-5 **Lab ID: 40209900006** Collected: 06/19/20 00:00 Received: 06/20/20 10:46 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Dibromochloromethane	**<130**	ug/L	434	130	50		06/23/20 17:46	124-48-1	
Dibromomethane	**<46.8**	ug/L	156	46.8	50		06/23/20 17:46	74-95-3	
Dichlorodifluoromethane	**<25.0**	ug/L	250	25.0	50		06/23/20 17:46	75-71-8	
Diisopropyl ether	**<94.4**	ug/L	315	94.4	50		06/23/20 17:46	108-20-3	
Ethylbenzene	**<15.9**	ug/L	53.1	15.9	50		06/23/20 17:46	100-41-4	
Hexachloro-1,3-butadiene	**<73.1**	ug/L	244	73.1	50		06/23/20 17:46	87-68-3	
Isopropylbenzene (Cumene)	**<84.3**	ug/L	281	84.3	50		06/23/20 17:46	98-82-8	
Methyl-tert-butyl ether	**<62.3**	ug/L	208	62.3	50		06/23/20 17:46	1634-04-4	
Methylene Chloride	**<29.0**	ug/L	250	29.0	50		06/23/20 17:46	75-09-2	
Naphthalene	**<58.8**	ug/L	250	58.8	50		06/23/20 17:46	91-20-3	
Styrene	**<150**	ug/L	502	150	50		06/23/20 17:46	100-42-5	
Tetrachloroethene	**<16.3**	ug/L	54.4	16.3	50		06/23/20 17:46	127-18-4	
Toluene	**<13.5**	ug/L	44.9	13.5	50		06/23/20 17:46	108-88-3	
Trichloroethene	**26.9J**	ug/L	50.0	12.8	50		06/23/20 17:46	79-01-6	
Trichlorofluoromethane	**<10.7**	ug/L	50.0	10.7	50		06/23/20 17:46	75-69-4	
Vinyl chloride	**1300**	ug/L	50.0	8.7	50		06/23/20 17:46	75-01-4	
cis-1,2-Dichloroethene	**5050**	ug/L	50.0	13.6	50		06/23/20 17:46	156-59-2	
cis-1,3-Dichloropropene	**<181**	ug/L	605	181	50		06/23/20 17:46	10061-01-5	
m&p-Xylene	**<23.3**	ug/L	100	23.3	50		06/23/20 17:46	179601-23-1	
n-Butylbenzene	**<35.4**	ug/L	118	35.4	50		06/23/20 17:46	104-51-8	
n-Propylbenzene	**<40.5**	ug/L	250	40.5	50		06/23/20 17:46	103-65-1	
o-Xylene	**<13.1**	ug/L	50.0	13.1	50		06/23/20 17:46	95-47-6	
p-Isopropyltoluene	**<40.0**	ug/L	133	40.0	50		06/23/20 17:46	99-87-6	
sec-Butylbenzene	**<42.4**	ug/L	250	42.4	50		06/23/20 17:46	135-98-8	
tert-Butylbenzene	**<15.2**	ug/L	50.6	15.2	50		06/23/20 17:46	98-06-6	
trans-1,2-Dichloroethene	**24.0J**	ug/L	77.4	23.2	50		06/23/20 17:46	156-60-5	
trans-1,3-Dichloropropene	**<219**	ug/L	728	219	50		06/23/20 17:46	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		50		06/23/20 17:46	460-00-4	
Dibromofluoromethane (S)	113	%	70-130		50		06/23/20 17:46	1868-53-7	
Toluene-d8 (S)	95	%	70-130		50		06/23/20 17:46	2037-26-5	

Sample: TRIP **Lab ID: 40209900007** Collected: 06/19/20 00:00 Received: 06/20/20 10:46 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		06/24/20 09:38	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		06/24/20 09:38	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		06/24/20 09:38	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		06/24/20 09:38	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		06/24/20 09:38	75-34-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209900

Sample: TRIP **Lab ID: 40209900007** Collected: 06/19/20 00:00 Received: 06/20/20 10:46 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		06/24/20 09:38	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		06/24/20 09:38	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		06/24/20 09:38	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		06/24/20 09:38	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		06/24/20 09:38	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		06/24/20 09:38	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		06/24/20 09:38	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		06/24/20 09:38	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/24/20 09:38	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		06/24/20 09:38	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		06/24/20 09:38	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		06/24/20 09:38	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		06/24/20 09:38	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		06/24/20 09:38	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		06/24/20 09:38	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		06/24/20 09:38	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		06/24/20 09:38	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		06/24/20 09:38	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		06/24/20 09:38	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		06/24/20 09:38	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		06/24/20 09:38	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		06/24/20 09:38	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		06/24/20 09:38	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		06/24/20 09:38	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		06/24/20 09:38	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		06/24/20 09:38	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		06/24/20 09:38	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		06/24/20 09:38	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		06/24/20 09:38	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		06/24/20 09:38	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		06/24/20 09:38	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		06/24/20 09:38	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		06/24/20 09:38	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		06/24/20 09:38	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		06/24/20 09:38	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		06/24/20 09:38	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/24/20 09:38	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		06/24/20 09:38	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		06/24/20 09:38	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		06/24/20 09:38	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		06/24/20 09:38	127-18-4	
Toluene	**<0.27**	ug/L	0.90	0.27	1		06/24/20 09:38	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		06/24/20 09:38	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		06/24/20 09:38	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		06/24/20 09:38	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209900

Sample: TRIP **Lab ID: 40209900007** Collected: 06/19/20 00:00 Received: 06/20/20 10:46 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		06/24/20 09:38	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		06/24/20 09:38	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		06/24/20 09:38	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		06/24/20 09:38	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		06/24/20 09:38	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		06/24/20 09:38	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		06/24/20 09:38	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		06/24/20 09:38	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		06/24/20 09:38	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		06/24/20 09:38	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		06/24/20 09:38	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		06/24/20 09:38	460-00-4	HS
Dibromofluoromethane (S)	108	%	70-130		1		06/24/20 09:38	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		06/24/20 09:38	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209900

QC Batch: 358374
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40209900001, 40209900002, 40209900003, 40209900004, 40209900005, 40209900006, 40209900007

METHOD BLANK: 2072887 Matrix: Water
Associated Lab Samples: 40209900001, 40209900002, 40209900003, 40209900004, 40209900005, 40209900006, 40209900007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	06/23/20 13:07	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	06/23/20 13:07	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	06/23/20 13:07	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	06/23/20 13:07	
1,1-Dichloroethane	ug/L	<0.27	1.0	06/23/20 13:07	
1,1-Dichloroethene	ug/L	<0.24	1.0	06/23/20 13:07	
1,1-Dichloropropene	ug/L	<0.54	1.8	06/23/20 13:07	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	06/23/20 13:07	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	06/23/20 13:07	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	06/23/20 13:07	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	06/23/20 13:07	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	06/23/20 13:07	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	06/23/20 13:07	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	06/23/20 13:07	
1,2-Dichloroethane	ug/L	<0.28	1.0	06/23/20 13:07	
1,2-Dichloropropane	ug/L	<0.28	1.0	06/23/20 13:07	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	06/23/20 13:07	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	06/23/20 13:07	
1,3-Dichloropropane	ug/L	<0.83	2.8	06/23/20 13:07	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	06/23/20 13:07	
2,2-Dichloropropane	ug/L	<2.3	7.6	06/23/20 13:07	
2-Chlorotoluene	ug/L	<0.93	5.0	06/23/20 13:07	
4-Chlorotoluene	ug/L	<0.76	2.5	06/23/20 13:07	
Benzene	ug/L	<0.25	1.0	06/23/20 13:07	
Bromobenzene	ug/L	<0.24	1.0	06/23/20 13:07	
Bromochloromethane	ug/L	<0.36	5.0	06/23/20 13:07	
Bromodichloromethane	ug/L	<0.36	1.2	06/23/20 13:07	
Bromoform	ug/L	<4.0	13.2	06/23/20 13:07	
Bromomethane	ug/L	<0.97	5.0	06/23/20 13:07	
Carbon tetrachloride	ug/L	<1.1	3.6	06/23/20 13:07	
Chlorobenzene	ug/L	<0.71	2.4	06/23/20 13:07	
Chloroethane	ug/L	<1.3	5.0	06/23/20 13:07	
Chloroform	ug/L	<1.3	5.0	06/23/20 13:07	
Chloromethane	ug/L	<2.2	7.3	06/23/20 13:07	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	06/23/20 13:07	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	06/23/20 13:07	
Dibromochloromethane	ug/L	<2.6	8.7	06/23/20 13:07	
Dibromomethane	ug/L	<0.94	3.1	06/23/20 13:07	
Dichlorodifluoromethane	ug/L	<0.50	5.0	06/23/20 13:07	
Diisopropyl ether	ug/L	<1.9	6.3	06/23/20 13:07	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209900

METHOD BLANK: 2072887 Matrix: Water
Associated Lab Samples: 40209900001, 40209900002, 40209900003, 40209900004, 40209900005, 40209900006, 40209900007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.32	1.1	06/23/20 13:07	
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	06/23/20 13:07	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	06/23/20 13:07	
m&p-Xylene	ug/L	<0.47	2.0	06/23/20 13:07	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	06/23/20 13:07	
Methylene Chloride	ug/L	<0.58	5.0	06/23/20 13:07	
n-Butylbenzene	ug/L	<0.71	2.4	06/23/20 13:07	
n-Propylbenzene	ug/L	<0.81	5.0	06/23/20 13:07	
Naphthalene	ug/L	<1.2	5.0	06/23/20 13:07	
o-Xylene	ug/L	<0.26	1.0	06/23/20 13:07	
p-Isopropyltoluene	ug/L	<0.80	2.7	06/23/20 13:07	
sec-Butylbenzene	ug/L	<0.85	5.0	06/23/20 13:07	
Styrene	ug/L	<3.0	10.0	06/23/20 13:07	
tert-Butylbenzene	ug/L	<0.30	1.0	06/23/20 13:07	
Tetrachloroethene	ug/L	<0.33	1.1	06/23/20 13:07	
Toluene	ug/L	<0.27	0.90	06/23/20 13:07	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	06/23/20 13:07	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	06/23/20 13:07	
Trichloroethene	ug/L	<0.26	1.0	06/23/20 13:07	
Trichlorofluoromethane	ug/L	<0.21	1.0	06/23/20 13:07	
Vinyl chloride	ug/L	<0.17	1.0	06/23/20 13:07	
4-Bromofluorobenzene (S)	%	89	70-130	06/23/20 13:07	
Dibromofluoromethane (S)	%	106	70-130	06/23/20 13:07	
Toluene-d8 (S)	%	95	70-130	06/23/20 13:07	

LABORATORY CONTROL SAMPLE: 2072888

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	56.7	113	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.9	102	64-131	
1,1,2-Trichloroethane	ug/L	50	47.9	96	70-130	
1,1-Dichloroethane	ug/L	50	50.5	101	69-163	
1,1-Dichloroethene	ug/L	50	54.3	109	77-123	
1,2,4-Trichlorobenzene	ug/L	50	46.5	93	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	53.7	107	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	52.5	105	70-130	
1,2-Dichlorobenzene	ug/L	50	53.0	106	70-130	
1,2-Dichloroethane	ug/L	50	46.4	93	78-142	
1,2-Dichloropropane	ug/L	50	47.1	94	86-134	
1,3-Dichlorobenzene	ug/L	50	53.5	107	70-130	
1,4-Dichlorobenzene	ug/L	50	50.8	102	70-130	
Benzene	ug/L	50	50.8	102	70-130	
Bromodichloromethane	ug/L	50	54.9	110	70-130	
Bromoform	ug/L	50	50.6	101	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209900

LABORATORY CONTROL SAMPLE: 2072888

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	50	42.4	85	39-129	
Carbon tetrachloride	ug/L	50	53.6	107	70-132	
Chlorobenzene	ug/L	50	52.0	104	70-130	
Chloroethane	ug/L	50	50.1	100	66-140	
Chloroform	ug/L	50	51.3	103	75-132	
Chloromethane	ug/L	50	45.8	92	32-143	
cis-1,2-Dichloroethene	ug/L	50	54.7	109	70-130	
cis-1,3-Dichloropropene	ug/L	50	52.3	105	70-130	
Dibromochloromethane	ug/L	50	61.1	122	70-130	
Dichlorodifluoromethane	ug/L	50	49.9	100	10-141	
Ethylbenzene	ug/L	50	52.8	106	80-120	
Isopropylbenzene (Cumene)	ug/L	50	55.3	111	70-130	
m&p-Xylene	ug/L	100	108	108	70-130	
Methyl-tert-butyl ether	ug/L	50	48.0	96	61-129	
Methylene Chloride	ug/L	50	51.2	102	70-130	
o-Xylene	ug/L	50	53.2	106	70-130	
Styrene	ug/L	50	54.4	109	70-130	
Tetrachloroethene	ug/L	50	47.9	96	70-130	
Toluene	ug/L	50	51.0	102	80-120	
trans-1,2-Dichloroethene	ug/L	50	54.9	110	70-130	
trans-1,3-Dichloropropene	ug/L	50	46.2	92	69-130	
Trichloroethene	ug/L	50	52.1	104	70-130	
Trichlorofluoromethane	ug/L	50	57.5	115	75-145	
Vinyl chloride	ug/L	50	55.9	112	51-140	
4-Bromofluorobenzene (S)	%			100	70-130	
Dibromofluoromethane (S)	%			107	70-130	
Toluene-d8 (S)	%			95	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2072889 2072890

Parameter	Units	40209922013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.61	125	125	140	141	112	112	70-130	1	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.69	125	125	129	127	103	102	64-137	1	20	
1,1,2-Trichloroethane	ug/L	<1.4	125	125	121	118	97	95	70-137	2	20	
1,1-Dichloroethane	ug/L	<0.68	125	125	127	126	102	101	69-163	1	20	
1,1-Dichloroethene	ug/L	<0.61	125	125	137	137	109	109	77-129	0	20	
1,2,4-Trichlorobenzene	ug/L	<2.4	125	125	118	118	94	94	68-130	0	20	
1,2-Dibromo-3-chloropropane	ug/L	<4.4	125	125	134	133	107	107	60-130	0	20	
1,2-Dibromoethane (EDB)	ug/L	<2.1	125	125	130	128	104	102	70-130	2	20	
1,2-Dichlorobenzene	ug/L	<1.8	125	125	131	131	104	105	70-130	0	20	
1,2-Dichloroethane	ug/L	<0.70	125	125	115	115	92	92	78-145	0	20	
1,2-Dichloropropane	ug/L	<0.71	125	125	117	115	94	92	86-135	2	20	
1,3-Dichlorobenzene	ug/L	<1.6	125	125	132	132	106	106	70-130	0	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209900

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2072889 2072890

Parameter	Units	40209922013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,4-Dichlorobenzene	ug/L	<2.4	125	125	128	124	102	100	70-130	3	20	
Benzene	ug/L	<0.62	125	125	127	127	102	102	70-136	0	20	
Bromodichloromethane	ug/L	<0.91	125	125	137	134	109	107	70-130	2	20	
Bromoform	ug/L	<9.9	125	125	124	123	99	98	69-130	1	20	
Bromomethane	ug/L	<2.4	125	125	106	104	84	83	39-138	1	20	
Carbon tetrachloride	ug/L	<2.7	125	125	136	137	109	110	70-142	1	20	
Chlorobenzene	ug/L	<1.8	125	125	129	129	103	103	70-130	0	20	
Chloroethane	ug/L	<3.4	125	125	123	127	98	101	61-149	3	20	
Chloroform	ug/L	<3.2	125	125	127	127	102	102	75-133	0	20	
Chloromethane	ug/L	<5.5	125	125	111	109	89	87	32-143	2	20	
cis-1,2-Dichloroethene	ug/L	1.7J	125	125	139	136	110	107	70-130	3	20	
cis-1,3-Dichloropropene	ug/L	<9.1	125	125	129	129	103	103	70-130	0	20	
Dibromochloromethane	ug/L	<6.5	125	125	151	148	121	119	70-130	2	20	
Dichlorodifluoromethane	ug/L	<1.2	125	125	122	121	97	97	10-141	1	20	
Ethylbenzene	ug/L	<0.80	125	125	131	130	104	103	80-120	1	20	
Isopropylbenzene (Cumene)	ug/L	<4.2	125	125	136	135	108	108	70-130	0	20	
m&p-Xylene	ug/L	<1.2	250	250	269	267	107	107	70-130	0	20	
Methyl-tert-butyl ether	ug/L	<3.1	125	125	117	117	94	94	61-136	0	20	
Methylene Chloride	ug/L	<1.5	125	125	124	125	99	100	68-137	1	20	
o-Xylene	ug/L	0.81J	125	125	132	130	105	103	70-130	1	20	
Styrene	ug/L	<7.5	125	125	132	132	106	105	70-130	1	20	
Tetrachloroethene	ug/L	104	125	125	222	223	94	95	70-130	0	20	
Toluene	ug/L	<0.67	125	125	126	125	101	100	80-120	1	20	
trans-1,2-Dichloroethene	ug/L	<1.2	125	125	135	134	108	108	70-130	0	20	
trans-1,3-Dichloropropene	ug/L	<10.9	125	125	114	114	91	91	69-130	1	20	
Trichloroethene	ug/L	59.1	125	125	184	184	100	100	70-130	0	20	
Trichlorofluoromethane	ug/L	<0.54	125	125	142	141	113	113	74-157	0	20	
Vinyl chloride	ug/L	<0.44	125	125	134	135	107	108	51-140	1	20	
4-Bromofluorobenzene (S)	%						99	99	70-130			
Dibromofluoromethane (S)	%						109	109	70-130			
Toluene-d8 (S)	%						95	94	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209900

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 20.0155935.01 TRENT TUBE
Pace Project No.: 40209900

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40209900001	**MW-25**	EPA 8260	358374		
40209900002	**MW-27**	EPA 8260	358374		
40209900003	**MW-29**	EPA 8260	358374		
40209900004	**OP-8**	EPA 8260	358374		
40209900005	**OP-10**	EPA 8260	358374		
40209900006	**DUP-5**	EPA 8260	358374		
40209900007	**TRIP**	EPA 8260	358374		

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

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40209900

Pace Analytical
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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

(Please Print Clearly)	
Company Name:	GZA
Branch/Location:	Brookfield, WI
Project Contact:	Kevin Hedinger
Phone:	262-424-1761
Project Number:	20.0155935.01
Project Name:	Trent Tube
Project State:	WI
Sampled By (Print):	Alex Amundson
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	Kevin Hedinger
Mail To Company:	GZA
Mail To Address:	17975 W. Sarah Lane Suite 100 Brookfield, WI 53045
Invoice To Contact:	Kevin Hedinger
Invoice To Company:	GZA
Invoice To Address:	17975 W. Sarah Lane Suite 100 Brookfield, WI 53045
Invoice To Phone:	262-424-1761

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

FILTERED? (YES/NO) Y/N: N
PRESERVATION (CODE)* Pick Letter: A

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	MW-25	6/10/20	1012	GW	VOCs			
002	MW-27		1055	GW				
003	MW-29		0940	GW				
004	OP-8		1141	GW				
005	OP-10		1205	GW				
006	DUP-5		—	GW				
007	T.P							

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

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

Email #1:	
Email #2:	
Telephone:	
Fax:	

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
	6/10/20 1600		
Relinquished By: CS Logistics	Date/Time: 6/10/20 0900	Received By: Pace	Date/Time: 6/10/20 0900
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.
40209900

Receipt Temp = 2.0 °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Sample Preservation Receipt Form

Client Name: GZA

Project # 40209900

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

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

Lab Lot# of pH paper:

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

Initial when completed:

Date/ Time:

Pace Lab #	Glass								Plastic					Vials						Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN							
001																																	2.5 / 5 / 10
002																	3																2.5 / 5 / 10
003																	3																2.5 / 5 / 10
004																	3																2.5 / 5 / 10
005																	3																2.5 / 5 / 10
006																	3																2.5 / 5 / 10
007																	1																2.5 / 5 / 10
008																											1						2.5 / 5 / 10
009																																	2.5 / 5 / 10
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018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

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

AG1U	1 liter amber glass
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG4U	120 mL amber glass unpres
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

BP1U	1 liter plastic unpres
BP3U	250 mL plastic unpres
BP3B	250 mL plastic NaOH
BP3N	250 mL plastic HNO3
BP3S	250 mL plastic H2SO4

VG9A	40 mL clear ascorbic
DG9T	40 mL amber Na Thio
VG9U	40 mL clear vial unpres
VG9H	40 mL clear vial HCL
VG9M	40 mL clear vial MeOH
VG9D	40 mL clear vial DI

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres
SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN	

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

Sample Condition Upon Receipt Form (SCUR)

Client Name: GZA

Project #: **WO# : 40209900**

40209900

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

Tracking #: 1841 0669 20

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

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

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

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

Cooler Temperature Uncorr: ROT /Corr:

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

Person examining contents:
Date: 6/20/20 /Initials: EMW

Labeled By Initials: MP

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD: ☐Yes ☑No ☐N/A		8.
Correct Containers Used:	☑Yes ☐No	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used: EMW 6/20/20	☑Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12. All dates are 6/19/20
-Includes date/time/ID/Analysis Matrix: W		
Trip Blank Present:	☑Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 447		

Client Notification/ Resolution:

If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution:

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

ATTACHMENT 3

Injection Products' SDSs:
Newman Zone® 55
Newman Zone OS™, SDC-9

RNAS REMEDIATION PRODUCTS
6712 West River Road, Brooklyn Center, MN 55430
(763) 585.6191 www.RNASinc.com

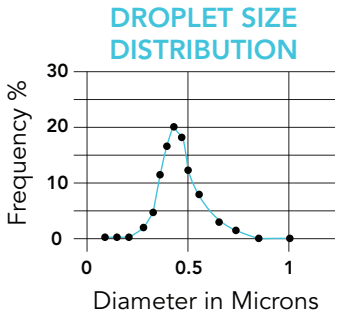
www.rnasinc.com

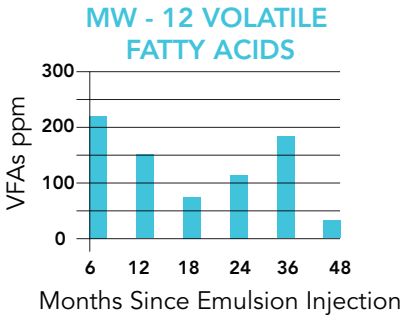
USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 97%

Newman Zone 55™

A Balance Of Fast And Slow Release Electron Donors

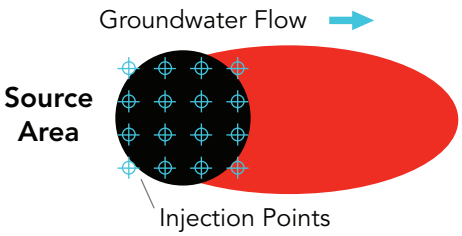
Newman Zone® 55 is an electron donor for enhancing the in situ anaerobic bioremediation of chlorinated solvents, nitrated explosives (RDX, HMX, TNT), selected toxic metals (chrome VI), perchlorate and nitrate. Newman Zone® 55 has both fast and slow-release electron donors. Lactate stimulates microbial growth within hours of injection and rapidly produces anaerobic conditions in the subsurface. Vegetable oil droplets are retained on soil particles and slowly ferment to hydrogen and volatile fatty acids which support anaerobic biodegradation for as long as five years after injection.

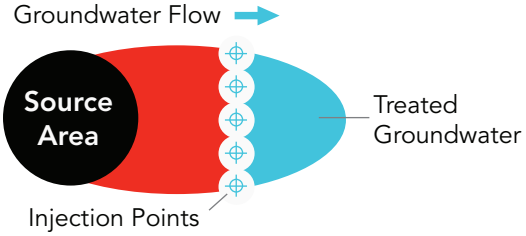




Application

Newman Zone® 55 emulsions contain approximately 60 percent vegetable oil by volume in concentrated form. The emulsion is usually diluted to 5 percent or less oil by volume prior to injection. After dilution the emulsion has a low viscosity similar to water allowing it to be applied by direct push injections, injection wells, water circulation systems and even direct application to source area excavations prior to backfilling. Common treatment configurations include an injection grid used to treat contaminant source areas and bio-barriers to treat dissolved plumes.





Benefits – The Smallest Emulsion Droplet Size in the Industry

Newman Zone® 55 is an oil-in-water emulsion consisting of oil droplets between 0.15 and 0.60 microns in size with a median size of 0.30 microns. Our uniquely small oil droplet size maximizes mobility in silt and clay soils and allows for excellent stability when blended with oxygen scavengers, buffers and other amendments prior to injection. The large droplet emulsions provided by other companies can result in oil/water separation, limited distribution or reduced soil permeability.

Experience – Over a Decade of Results From Millions of Pounds Delivered!

Newman Zone® was the first factory produced small droplet emulsified oil product on the market. Since the first production run in 2002 we have delivered millions of pounds of emulsion to thousands of sites around the world.

RNAS REMEDIATION PRODUCTS
6712 West River Road, Brooklyn Center, MN 55430
(763) 585.6191 www.RNASinc.com

www.rnasinc.com

Newman Zone 55

A Balance Of Fast And Slow Release Electron Donors

Product Content

Chemical Name	CAS Number	Composition (%wt)
Soybean Oil (food grade)	8001-22-7	>55%
Sodium-L-Lactate	867-56-1	4%
Food Additives / Emulsifiers / Preservatives	Proprietary	<10%
Water		Balance

Product Characteristics

Parameter	Unit	Specification
Density	g/cm³	0.98
Particle Size	µm	0.15 - 0.60
Flash Point	°F	>540 (closed cup)
Appearance		White opaque liquid

Packaging

Newman Zone® 55 is available in 5-gallon pails (40 pounds net) and 275-gallon totes (2,100 pounds net). For large projects bulk emulsion can be delivered in either iso-tanks or food grade tanker truck loads.

Storage

The small droplet Newman Zone® 55 emulsion is kinetically stable and pasteurization prevents microbial spoilage. We keep inventory in chilled storage where the shelf-life can exceed five years. Newman Zone® 55 can be stored on-site for 2-4 months without refrigeration. Avoid freezing conditions. Temperatures that average below 25 degrees Fahrenheit may result in frozen emulsion.

Safety

No protective equipment is necessary under normal use conditions. All ingredients consist of food or food grade additives.

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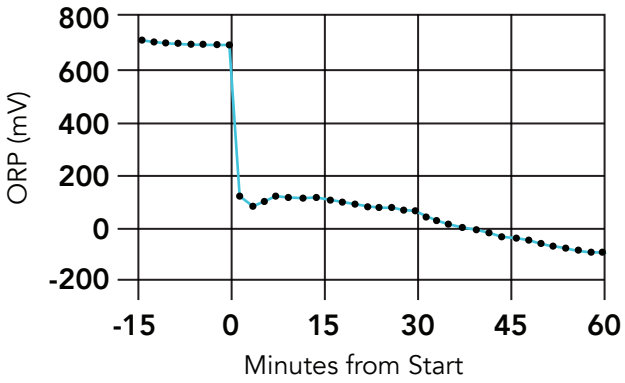
www.rnasinc.com

Newman Zone OS™

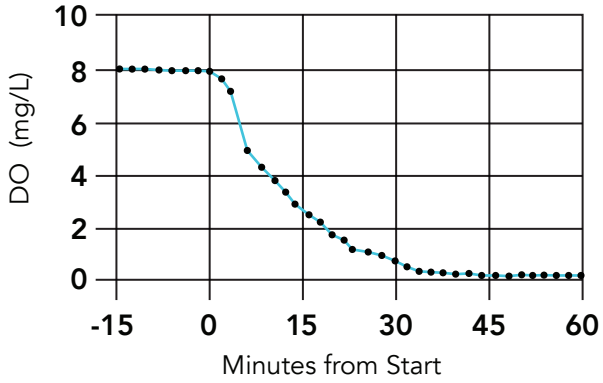
Oxygen Scavenger for Anaerobic Bioremediation

Newman Zone OS™ is a blend of food grade antioxidants, chelated ferrous iron catalyst and buffering agents used to prepare water for anaerobic injections. Newman Zone OS™ is specially formulated to quickly remove dissolved oxygen from water and create the reducing conditions necessary for successful anaerobic bioremediation. Newman Zone OS™ supports bioaugmentation cultures such as SDC-9™ and KB-1® by removing dissolved oxygen from injection water and allowing bacteria to thrive and grow.

ORP REDUCTION*



DISSOLVED OXYGEN REMOVAL*



*Tested in 1,000 Liter totes at 16° C

Application

Newman Zone OS™ comes in pre-measured pails and is added to tanks prior to filling with water. For optimal results, stirring tanks with pumps or mixers is recommended until Newman Zone OS™ is fully dissolved. Typical applications result in anoxic water within one hour and a negative ORP within two hours.

Benefits - Added Vitamin B12

Newman Zone OS™ contains 25 µg/liter of Vitamin B12 (as applied), a required corrinoid vitamin demonstrated to enhance growth and dechlorination performance of Dehalococcoides strains (He et al., May 2007).

Benefits - Rapid Oxygen Scavenging

Newman Zone OS™ is a cost effective way to quickly prepare anaerobic water. Due to its high concentration of antioxidants, chelated ferrous iron catalyst and buffering agents, Newman Zone OS™ is effective even in cold, highly oxidized water. Higher temperatures will result in faster oxygen removal rates.

Benefits - Supports Bioaugmentation Cultures

Laboratory microcosm studies have confirmed Newman Zone OS™ presents no toxicity or inhibition to the SDC-9™ bioaugmentation culture. Additionally, the antioxidants and chelating agents degrade to provide a rapidly available electron donor (700 mg/liter glucose equivalent).

RNAS REMEDIATION PRODUCTS
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(763) 585.6191 www.RNASinc.com

Newman Zone OS™

Oxygen Scavenger for Anaerobic Bioremediation

Product Content

Chemical Name	Composition
Food Grade Antioxidants	70%
Food Grade Catalysts, Chelating Agents and Buffers	30%

Product Characteristics

Parameter	Unit	Specification
Appearance, packaged		White to brown powder or granules
Appearance, in solution		Dark grey to brown or yellow
Density	g/cm^3	1.0 - 1.2
pH, in solution	Standard Units	7.0 - 8.0

Packaging

Newman Zone OS™ is packaged in 1 and 5 gallon pails premeasured for 1,000 gallon (3,785 L) and 5,000 gallon (18,925 L) batches, respectively.

Storage

Newman Zone OS™ may be stored under recommended conditions for months without activity loss. Keep containers tightly closed in a cool, well-ventilated area. Keep containers sealed to avoid exposure to oxygen or moisture.

Safety

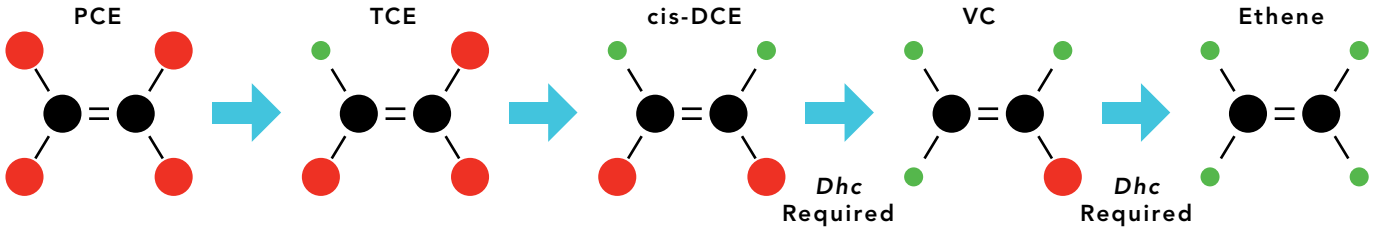
Newman Zone OS™ is comprised of food grade, non-toxic ingredients. No known hazards are associated with exposure to this product when used as directed. Nevertheless, appropriate personal protective equipment is recommended when handling this product.

RNAS REMEDIATION PRODUCTS
6712 West River Road, Brooklyn Center, MN 55430
(763) 585.6191 www.RNASinc.com

SDC-9

Bioaugmentation Culture for Groundwater Remediation

SDC-9™ is a field proven, highly effective consortium of microorganisms for in situ bioremediation of chlorinated solvents. SDC-9 contains multiple strains of *Dehalococcoides mccartyi* (*Dhc*), the only species known to completely biodegrade PCE and TCE to non-toxic ethene. For sites where *Dhc* are absent or present at low concentrations bioaugmentation provides the necessary bacteria for complete dechlorination. Even when *Dhc* is present bioaugmentation can provide substantial benefits by increasing dechlorination rates, using electron donor more efficiently and reaching site closure sooner.



Benefits - Higher Dechlorination Rates

SDC-9 contains a natural consortium of bacteria that includes not only dechlorinating microbes but other beneficial bacteria that support *Dhc* growth by supplying required substrates and growth factors. "*Dhc* in mixed cultures exhibit shorter lag times following transfers, grow faster and exhibit higher dechlorination rates than pure *Dhc* cultures" (Bioaugmentation for Groundwater Remediation, 2013).

Benefits - Low pH Tolerant

SDC-9 continues to perform at pH levels as low as 5.5 (Vainberg and Steffan, 2014), although pH levels above 6.0 are recommended for more effective dechlorination.

Application

SDC-9 is commonly injected between rounds of anaerobic water and electron donor, which minimizes exposure to oxygen while mixing SDC-9 throughout the treatment area. Recommended dosing for SDC-9 is $1x10^7$ *Dhc* cells per liter in target zones (Lu et al., 2006).

Contaminants Treated by SDC-9:

Tetrachloroethene (PCE)
Trichloroethene (TCE)
cis-Dichloroethene (cDCE)
trans-Dichloroethene (tDCE)
1,1-Dichloroethene (DCE)
Vinyl Chloride (VC)
Freon 11
Freon 113
1,1,2,2-Tetrachloroethane (TeCA)
1,1,1-Trichloroethane (TCA)
1,1-Dichloroethane (DCA)
Carbon Tetrachloride (CT)
Chloroform (CF)
Dichloromethane (DCM)
Hydrochlorofluorocarbon (HCFC)
Tetrafluoroethene (TFE)

SDC-9 Contains:

Dehalococcoides mccartyi
Dehalogenimonas spp.
Desulfovibrio spp.
Desulfitobacterium spp.
Methanogenic bacteria
Sulfate Reducing bacteria

RNAS REMEDIATION PRODUCTS
6712 West River Road, Brooklyn Center, MN 55430
(763) 585.6191 www.RNASinc.com

SDC-9

Bioaugmentation Culture for Groundwater Remediation

Product Characteristics

Parameter	Unit	Specification
Cell Count	*Dhc* Cells/Liter	>1 x 10^{11}
Density	g/cm^3	0.9 - 1.1
pH	Standard Units	6.0 - 8.0
Appearance		Light Greenish, Murky Liquid
Odor		Musty

Packaging

SDC-9 is shipped in 19L stainless steel kegs. Kegs are pressurized with Nitrogen and stored in chilled coolers. Calibrated delivery system (1, 2 or 3.5 L) and fittings are provided. Users will need to provide an inert gas cylinder (Nitrogen or Argon) and regulator.

Storage

Keep containers tightly closed in a cool, well-ventilated area. SDC-9 may be stored for up to 3 weeks at temperature 2-4° C. Avoid freezing conditions. Avoid exposure to oxygen.

Safety

SDC-9 is a non-toxic, non-pathogenic, non-genetically modified, naturally occurring consortium of microbes. No known hazards are associated with exposure to this product. Nevertheless, appropriate Personal Protective Equipment is recommended when handling this product.

ATTACHMENT 4

WPDES Permit Application / Notice of Intent

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

Notice of Intent (NOI)
Contaminated Groundwater from Remedial Action Operations
WPDES Permit No. WI-0046566-07-0
Rev. 06/2018

Notice: Pursuant to chs. NR 200 and 205, Wis. Adm. Code, this notice of intent (NOI) is required to request coverage under the Wisconsin Pollutant Discharge Elimination System (WPDES) Permit No. WI-0046566-07-0 for discharges of contaminated groundwater to waters of the state of Wisconsin. Failure to complete this form in its entirety may result in a returned NOI or a denied NOI. Personal information collected will be used for administrative purposes and may be provided to requestors to the extent required by Wisconsin Open Records law [ss. 19.31-19.39, Wis. Stats.].

SECTION I: FACILITY/PROJECT LOCATION INFORMATION			
Facility/Project Name Former Trent Tube Plant No. 1		Facility Mailing Address (i.e. PO Box, Street, or Route) 5605 Carnegie Boulevard, Suite 500	
Facility/Project Physical Address (i.e. Street or Route) 2188 Church Street		City, State, Zip Code Charlotte, NC 29209	
County Walworth	Facility Phone No. NA	Facility Fax No. NA	Facility Email Address Benne.hutson@enproindustries.com
SECTION II: FACILITY CONTACT INFORMATION			
Facility Operator/Plant Manager Kevin Hedinger		Title Senior Hydrogeologist/ Environmental Consultant	
Company GZA GeoEnvironmental, Inc.		Contact Mailing Address (i.e. PO Box, Street, or Route) 17975 West Sarah Lane, Suite 100	
City, State, Zip Code Brookfield, WI 53045		Contact Phone No. 262-754-2578	Alternative Phone No. 262-754-2560
Contact Fax No. 262-923-7758		Contact Email Address Kevin.hedinger@gza.com	
Discharge Monitoring Contact Name Kevin Hedinger		Title Senior Hydrogeologist/ Environmental Consultant	
Company GZA GeoEnvironmental, Inc.		Contact Mailing Address (i.e. PO Box, Street, or Route) 19795 West Sarah Lane, Suite 100	
City, State, Zip Code Brookfield, WI 53045		Contact Phone No. 262-754-2578	Alternative Phone No. 262-754-2560
Contact Fax No. 262-923-7758		Contact Email Address Kevin.hedinger@gza.com	
Authorized Representative Name Benne Hutson		Title Director, Environmental, and Deputy General Counsel	
Company EnPro Holdings, Inc.		AR Mailing Address (i.e. PO Box, Street, or Route) 5605 Carnegie Boulevard, Suite 500	
City, State, Zip Code Charlotte, NC 28209		AR Phone No. 704-526-3818	Alternative Phone No.
AR Fax No.		AR Email Address Benne.hutson@enproindustries.com	

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

Notice of Intent (NOI)
Contaminated Groundwater from Remedial Action Operations
WPDES Permit No. WI-0046566-07-0
Rev. 06/2018

SECTION III: FACILITY OWNER MAILING ADDRESS (if different from Authorized Representative)		
Facility Owner Name Bruce Keyes, not individually but solely in a representative capacity	Title Trustee-Crucible Materials Corp Environmental Trust	
Parent Company Crucible Materials Corp Environmental Trust	Owner Mailing Address (i.e. PO Box, Street, or Route) 777 East Wisconsin Avenue	
City, State, Zip Code Milwaukee, WI 53202	Owner Phone No. 414-297-5815	Alternative Phone No.
Contact Fax No. 414-297-4900	Contact Email Address bkeyes@foley.com	

SECTION IV: DISCHARGE CHARACTERIZATION

Type of Wastewater (check all that apply):	**Discharge Frequency** (e.g. Annual, Monthly, Daily)	**Average Daily Flow** (gallons of water discharged per day)	**Type of Wastewater** (check all that apply):	**Discharge Frequency** (e.g. Annual, Monthly, Daily)	**Average Daily Flow** (gallons of water discharged per day)
☐ Treated wastewater from groundwater remediation project			☐ Cleaning or decontamination wastewaters from the cleaning of treatment equipment for a remediation project		
☒ Infiltration or injection of a substance or remedial material for remediation of soil or groundwater	Annual	1,000-4,000	☐ Other (describe type)		
☐ Treated wastewater from dewatering of construction trenches or pits			☐ Other (describe type)		
☐ Landspreading or spray irrigation of agricultural chemical contaminated wastewater			☐ Other (describe type)		

SECTION V: ELIGIBILITY CHECKLIST

1. Is the wastewater discharged from and/or to properties within tribal lands (i.e. land owned by or held in trust for the tribes and land within recognized reservation boundaries)?

☐ Yes. **Your discharge is not eligible for this General Permit.** *If all discharges from your facility go to or come from properties in tribal lands, you do not require regulation under a WPDES discharge permit. Therefore, skip the*

rest of the NOI and sign the last page. We will remove you from our tracking system. The Tribe or United States Environmental Protection Agency (EPA) regulates discharges within tribal lands.

☒ No. **Proceed to question 2.**

2. Is the wastewater discharged to a Publicly Owned Treatment Works (i.e. sanitary sewer)? A septic system is not considered a sanitary sewer.

☐ Yes. **Your discharge is not eligible for this General Permit.** *If all discharges from your facility go to a sanitary sewer, you do not require regulation under a WPDES discharge permit. Therefore, skip the rest of the NOI and sign the last page. We will remove you from our tracking system. If at some point in the future operations at your facility result in a discharge, you will need to inform the Department. If only some or no discharges from your facility go to the sanitary sewer, please proceed to question 3.*

☒ No. **Proceed to question 3.**

3. Are any of the following wastewaters discharged or mixed with the above wastewaters to surface water or groundwater: Contact or noncontact cooling water, water from boiler cleaning operations, air compressor condensate contaminated with oil and grease, softener regeneration backwash, municipal wastewater, domestic wastewater, or process wastewaters from the production of any material or product, or other wastewater not otherwise cover by this general permit?

☐ Yes. **Your discharge is not eligible for this General Permit.** *Skip the rest of the NOI and complete the certification on last page. Contact the Department to obtain application for an individual WPDES discharge permit.*

☒ No. **Proceed to question 4.**

4. What is the receiving water for your discharge? If your facility has more than one outfall, indicate in the space provided which outfalls go to groundwater and which go to surface waters. *(check all that apply)*

☒ **Groundwater Discharge** (*any wastewater that is allowed to infiltrate or seep into the soil from a permeable surface including but not limited to any drain field, agricultural field, ditch, swale, depression, trench or pit, adsorption pond, infiltration pond, rain garden, prairie, or vegetative area that may impact groundwater quality*). **If you will only be discharging to groundwater, please proceed to question 5.**

Outfall #(s):

☐ **Wetland Discharge** (*any discernible, confined and discrete conveyance system including but not limited to any pipe, ditch, channel, tunnel, conduit, swale, or storm sewer that will carry wastewater to a wetland. Wetlands mean an area where water is at, near or above the land surface long enough to be capable of supporting aquatic or hydrophytic vegetation and which has soils indicative of wet conditions*). **If you will only be discharging to wetlands, please proceed to question 5.**

Outfall #(s):

Note: *The Department will need to determine if your discharge would cause significant adverse impacts to wetlands*

☐ **Surface Water Discharge** *(any discernible, confined and discrete conveyance system including but not limited to any pipe, ditch, channel, tunnel, conduit, swale, or storm sewer that will carry wastewater to a creek, stream, pond, marsh, bay, reservoir, river, lake, or other surface water within the state of Wisconsin*). **Proceed to question 4A.**

Outfall #(s):

A. What is the name(s) of the surface water your discharge enters?

NA

Proceed to question 4B.

B**.** What is the Water Body Identification Code (WBIC) of the surface water your discharge enters?

NA

Proceed to question 4C.

Note: The WBIC for a specific surface water can be found at: http://dnr.wi.gov/water/waterSearch.aspx.

C. Is the discharge directly to a surface water classified as an outstanding or exceptional resource waters as defined in ch. NR 102, Wis. Adm. Code.?

☐ Yes. **Your discharge is not eligible for this General Permit.** *Skip the rest of the NOI and complete the certification on last page. Contact the Department to obtain application for an individual WPDES discharge permit.*

☐ No. **Proceed to question 4D.**

D. Is the discharge directly to a surface water classified as a public water supply (i.e. Lake Superior, Lake Michigan and Lake Winnebago) in ch. NR 104, Wis. Adm. Code?

☐ Yes. **Your discharge is not eligible for this General Permit.** *Skip the rest of the NOI and complete the certification on last page. Contact the Department to obtain application for an individual WPDES discharge permit.*

☐ No. **Proceed to question 5.**

5. Does the discharge contain water treatment additives (i.e. biocides such as microbicides, fungicides, molluscicdes, chlorine, etc.) or water quality conditioners (i.e. scale and corrosion inhibitors, pH adjustment chemicals, oxygen scavengers, conditioning agents, water softening compounds, etc.) that may enter surface water or groundwater without receiving wastewater treatment or that are used in a treatment process but are not expected to be removed by wastewater treatment?

☐ Yes. **For each additive used, please fill out and attach an Additive Review Worksheet.** *Additive Review Worksheets must be completed to receive coverage under this general permit. The Additive Review Worksheet is not required for additives with active ingredients consisting of chlorine, hypochlorite, sulfuric acid, hydrochloric acid or sodium hydroxide. Also, chemicals used in an industrial process generating wastewater that eventually receives treatment or chemicals added as part of wastewater treatment process (such as ferric chloride, alum or pickle liquor) are not considered water treatment additives and need not require an additive review.* **Proceed to question 6.**

☒ No. **Proceed to question 6.** In response to a GZA question, WDNR stated that Question 5 applies only to surface water discharge.

6. Will chlorine-based compounds be used to control the growth of micro-organisms in the treatment system or used to decontaminate the treatment system after completion of the remediation project?

☐ Yes.**Proceed to question 6A.**

☒ No. **Proceed to question 7.**

A. Will chemicals be used to dechlorinate the wastewater prior to discharge to surface water?

☐ Yes. **The wastewater will be dechlorinated with chemicals. Proceed to question 7.**

☐ No. **The wastewater will not be dechlorinated with chemicals. Proceed to question 7.**

No. **The wastewater will not be dechlorinated with chemicals. Proceed to question 7.**

7. Is a discharge management plan attached to this NOI that includes all the information necessary from Section 3 of the permit?

Yes. **Proceed to question 8.**

No. **This form will be considered incomplete and returned to you.**

8. Has the groundwater at the site been analyzed for contaminants and are the results attach to the discharge management plan?

Yes. **Proceed to question 9.**

No. **This form will be considered incomplete and returned to you.**

9. If a treatment facility is required for the treatment of contaminated groundwater, have the plans and specifications been submitted to or approved by the department under s. 281.41, Wis. Stats., and ch. NR 108, Wis. Adm. Code?

Yes. **Proceed to Section VI.- NA**

No. **Please contact wastewater plan review staff to find out how to get the plans approved. Proceed to Section VI.**

Note: Department wastewater plan review staff can be found here: http://dnr.wi.gov/topic/wastewater/planreviewers.html.

Additionally, department plan submittal requirements can be found here: http://dnr.wi.gov/topic/wastewater/AdequateSubmittal.html.

SECTION VI: CERTIFICATION

This form must be signed by a responsible executive or municipal officer, manager, partner or proprietor as specified in s. 283.37(3), Wis. Stats., or a duly authorized representative of the officer, manager, partner or proprietor that has been delegated signature authority pursuant to s. NR 205.07(1)(g)2., Wis. Adm. Code. To delegate signatory authority to a duly authorized representative, please submit a Delegation of Signature Authority (DSA) form (Form 3400-220).

I certify under penalty of law that these documents and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Authorized Representative Name Benne Hutson	Title Director, Environmental, and Deputy General Counsel
Authorized Representative Signature Benne C. Hutson	Date Signed 7/23/2020
Submitter Name (If different from Authorized Representative) Kevin Hedinger	Title Senior Hydrogeologist
Submitter Signature K Hedinger	Date Signed 7/21/2020

Please print and sign this certification page. Scan and email the completed form, certification page and any other supporting information to the department regional general permit reviewer at least thirty (30) business days before the expected start date of discharge. A listing of the general permit reviewers for each region with mailing addresses and phone numbers can be found at http://dnr.wi.gov/topic/wastewater/GeneralPermits.html. Please scroll to the "How to Apply" section and click the department region that the discharge is located in.